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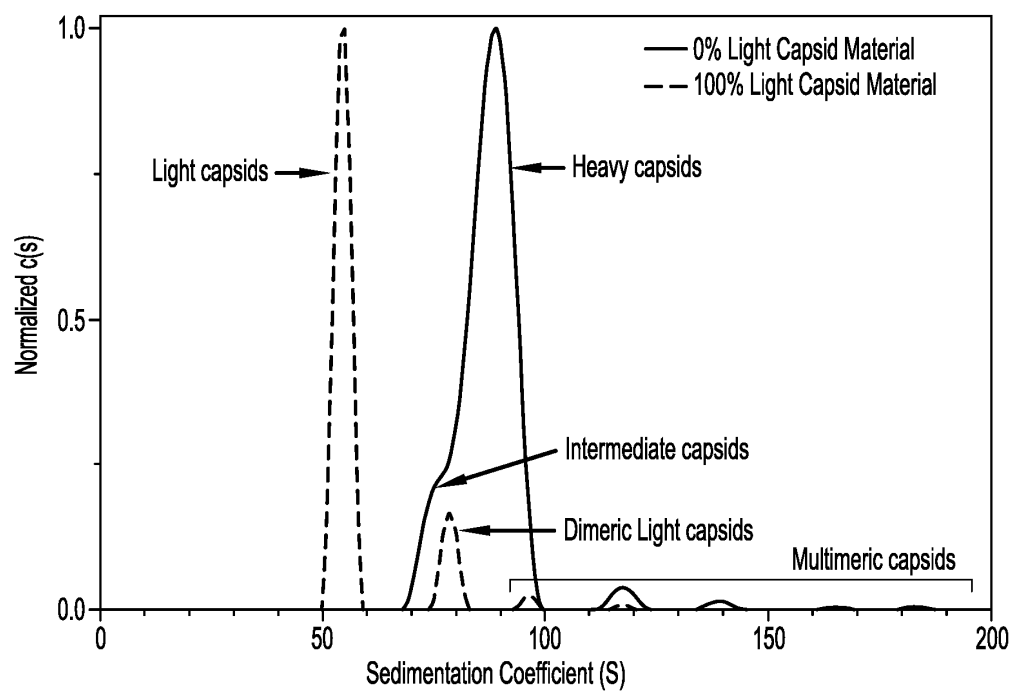


FIG.1

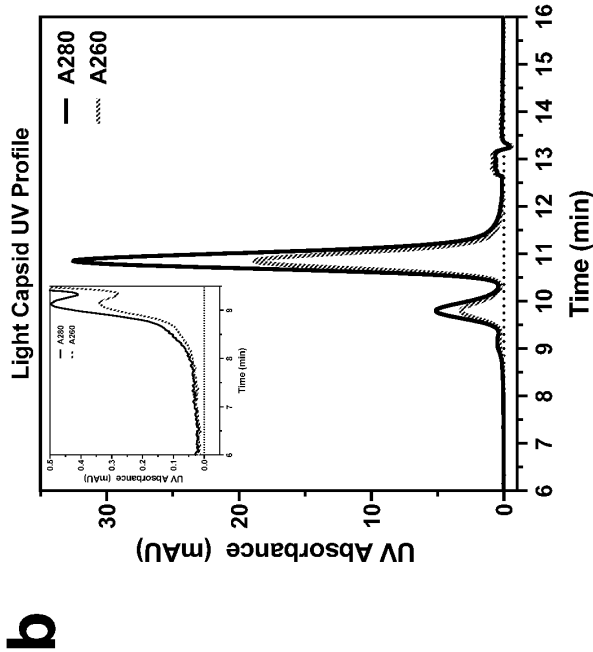


Fig. 2B

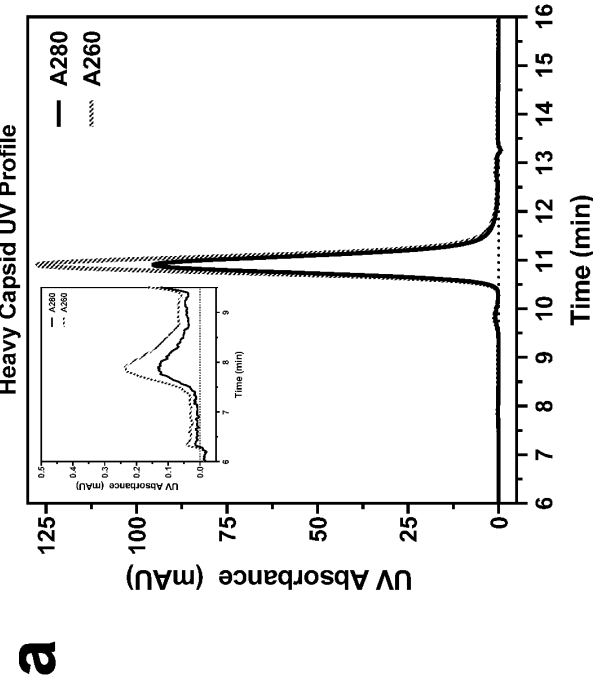


Fig. 2A

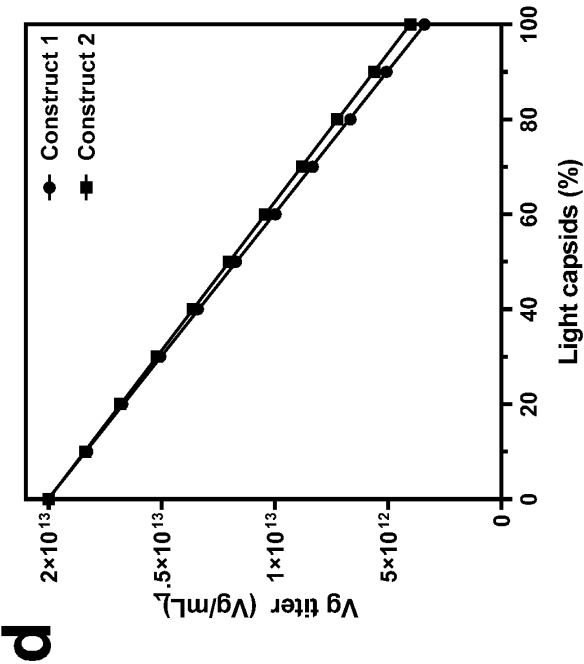


Fig. 2D

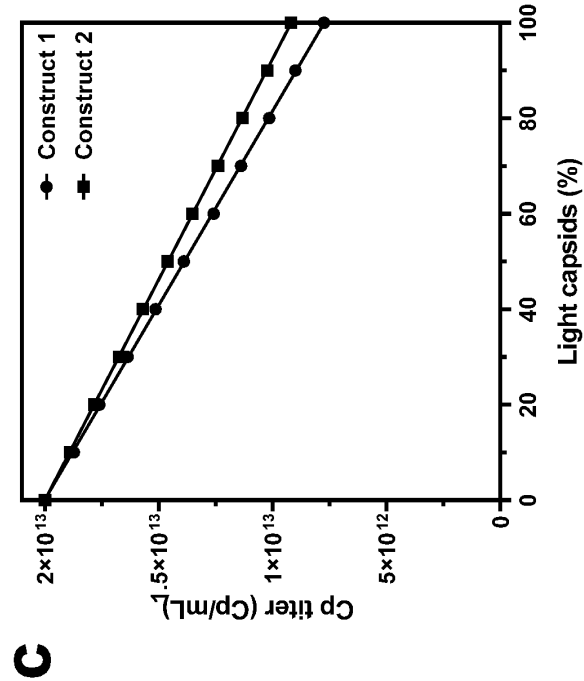


Fig. 2C

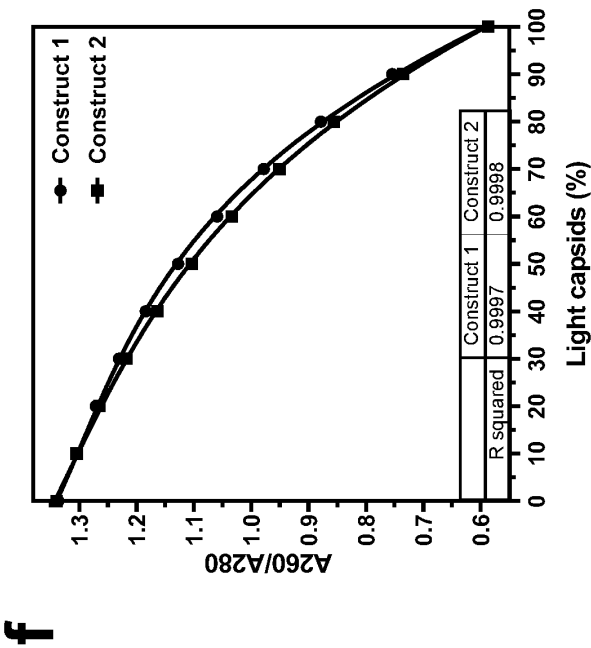


Fig. 2F

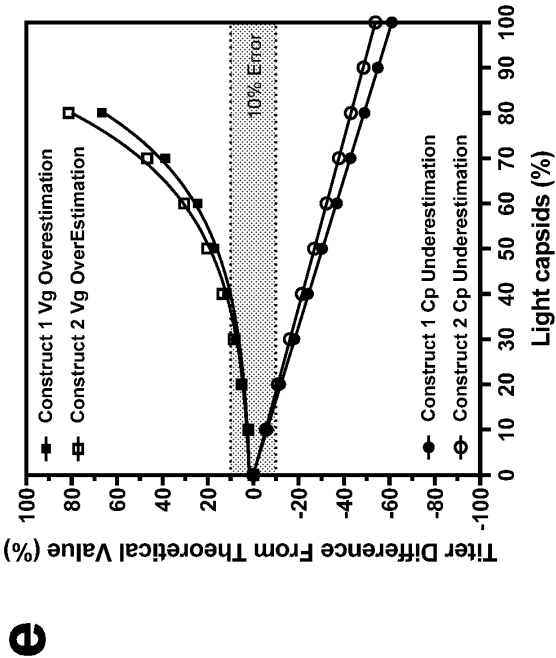


Fig. 2E

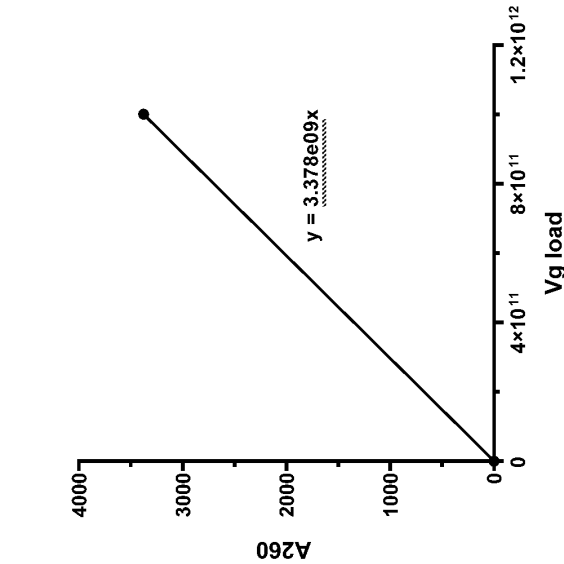


Fig. 3B

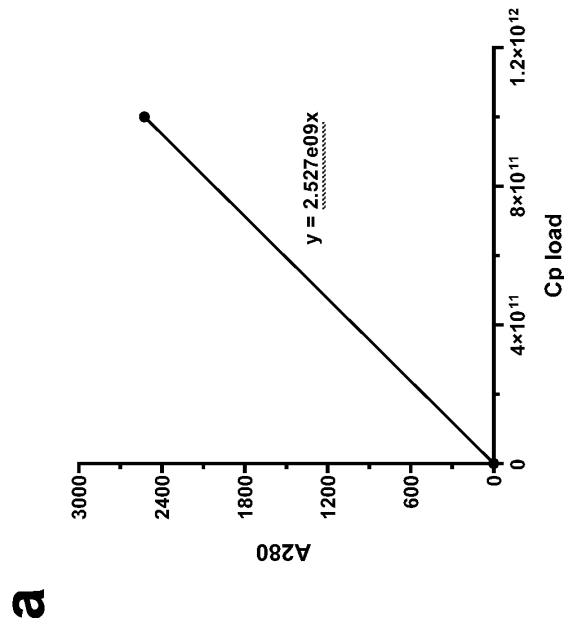
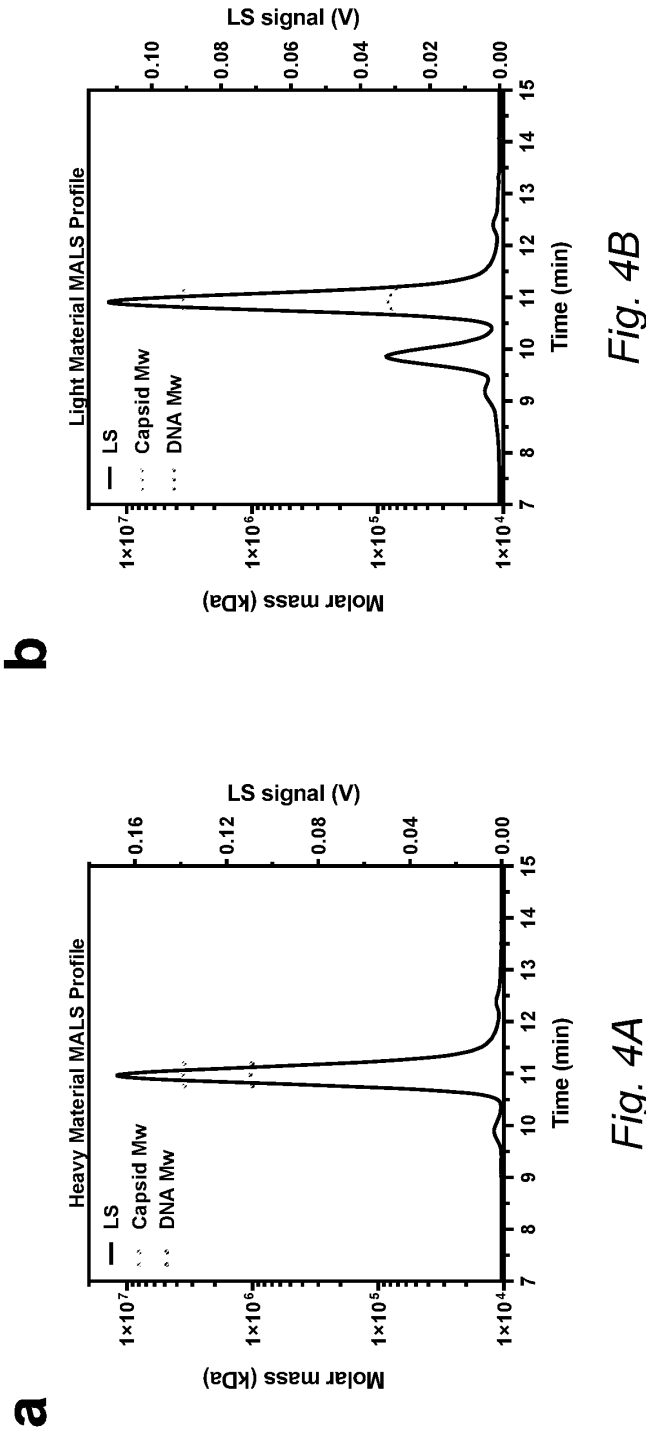


Fig. 3A



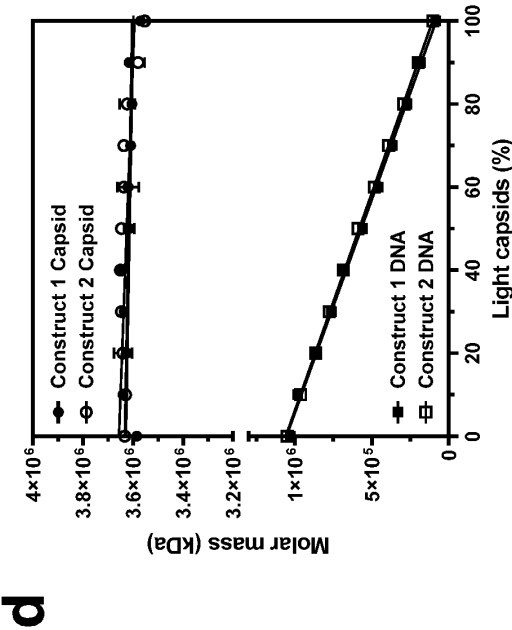


Fig. 4D

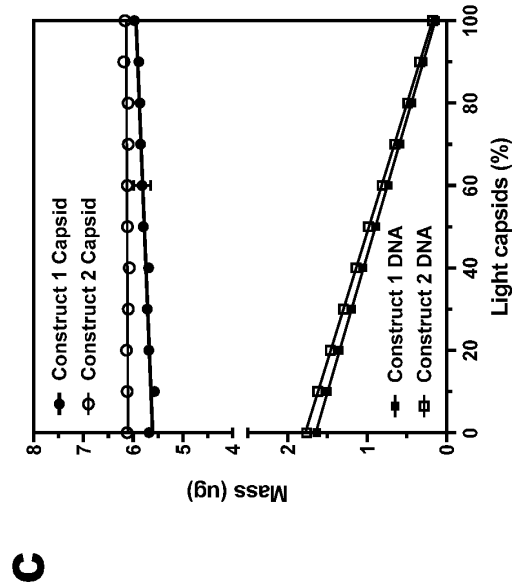


Fig. 4C

a

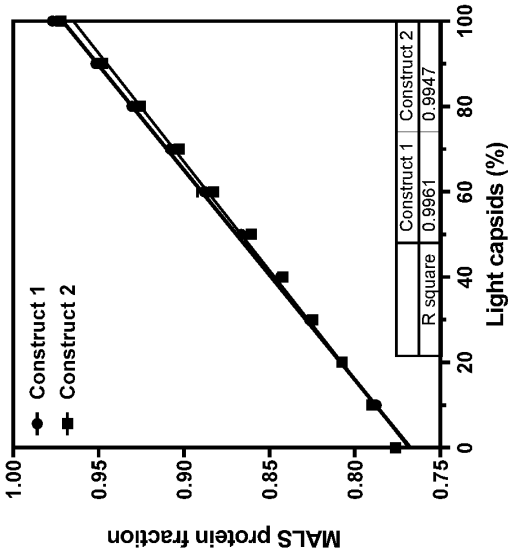


Fig. 5A

b

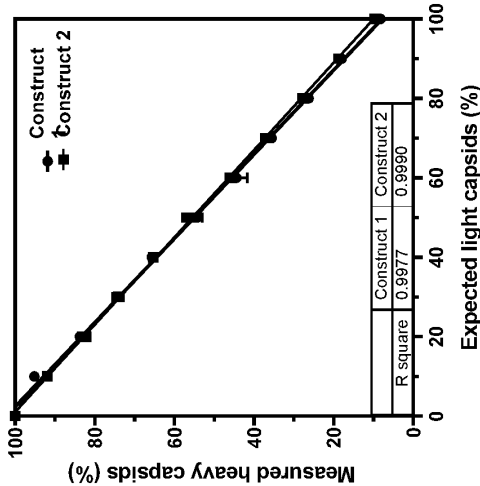


Fig. 5B

d

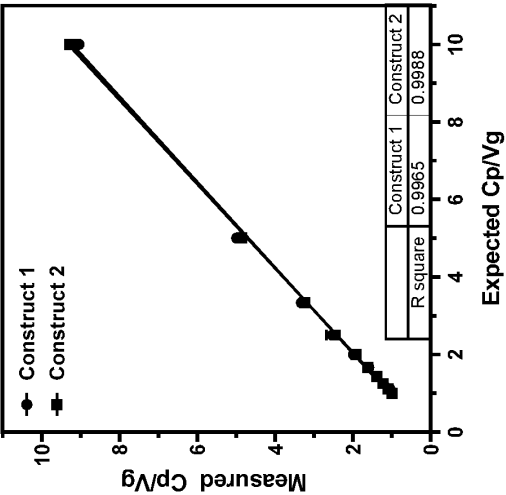


Fig. 5D

c

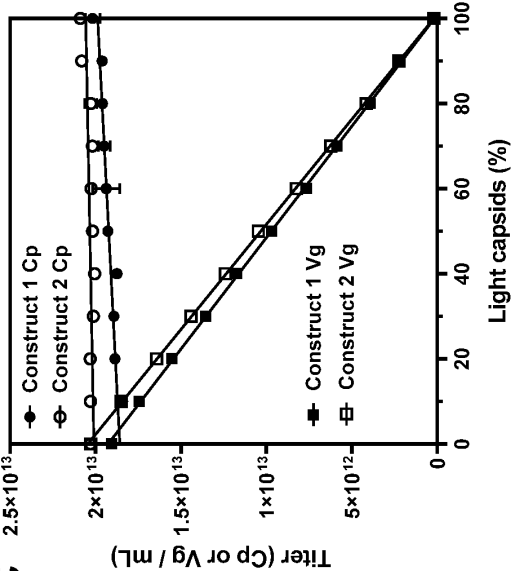


Fig. 5C

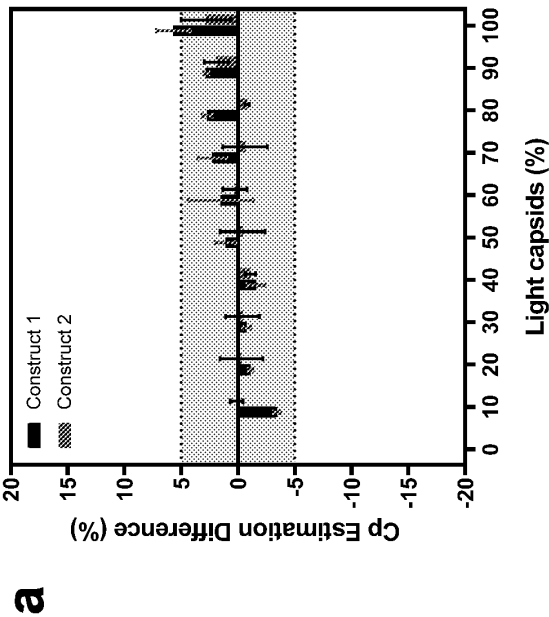


Fig. 6A

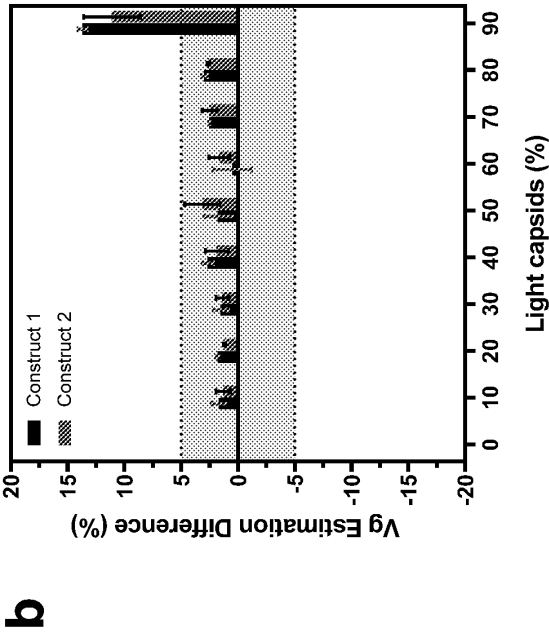


Fig. 6B

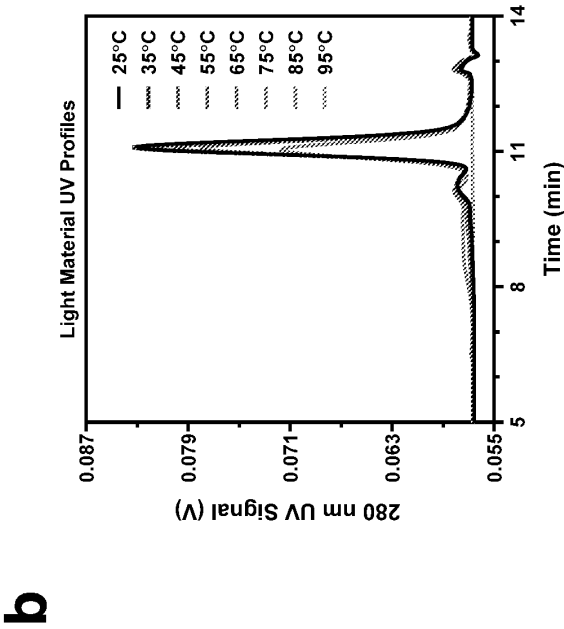


Fig. 7A

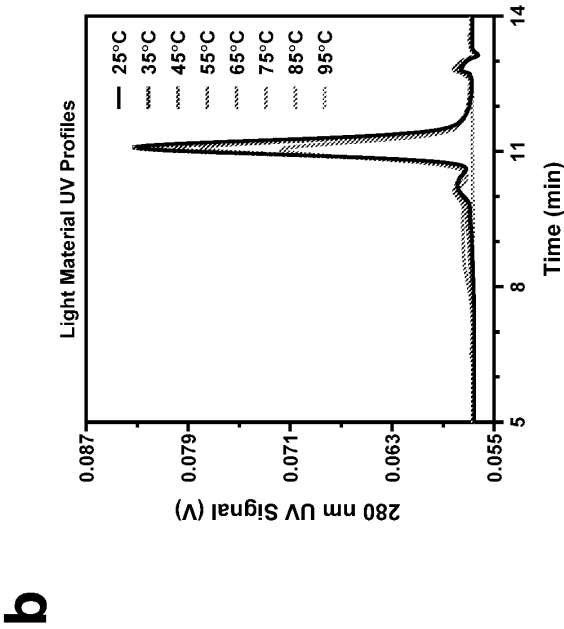


Fig. 7B

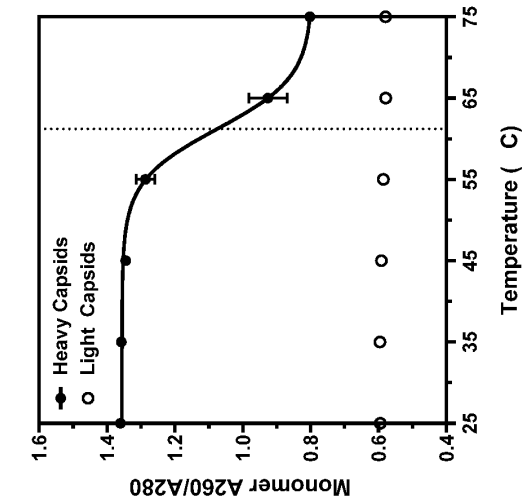


Fig. 7D

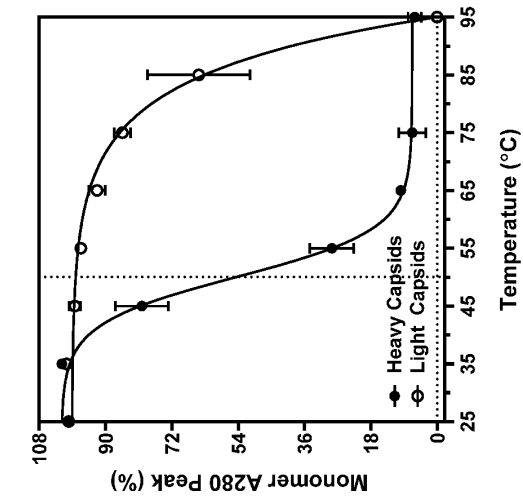


Fig. 7C

f

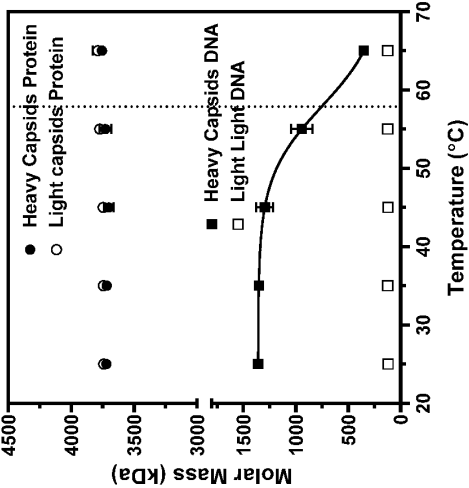


Fig. 7F

e

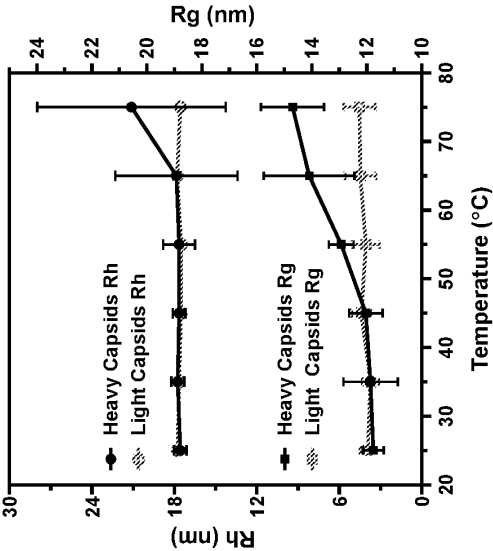


Fig. 7E

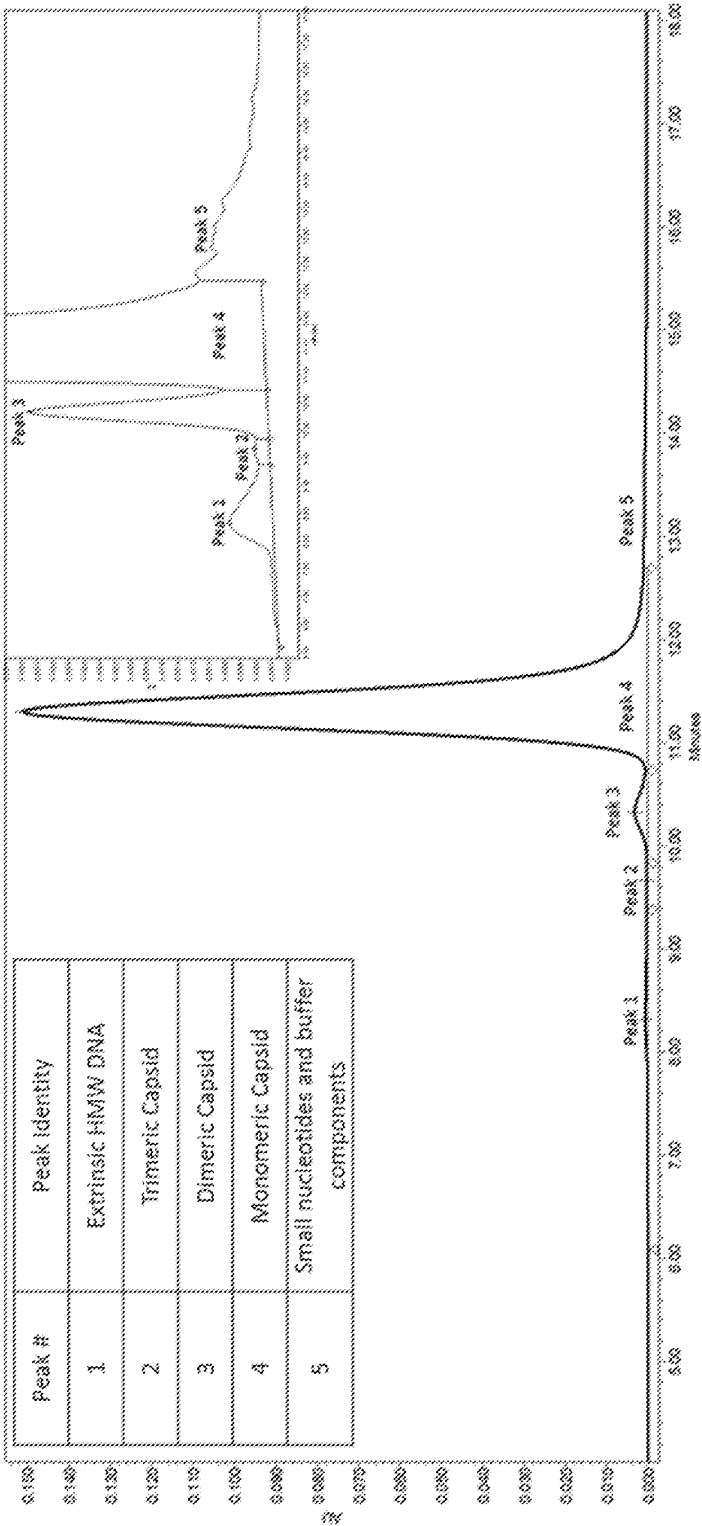


Fig. 8A

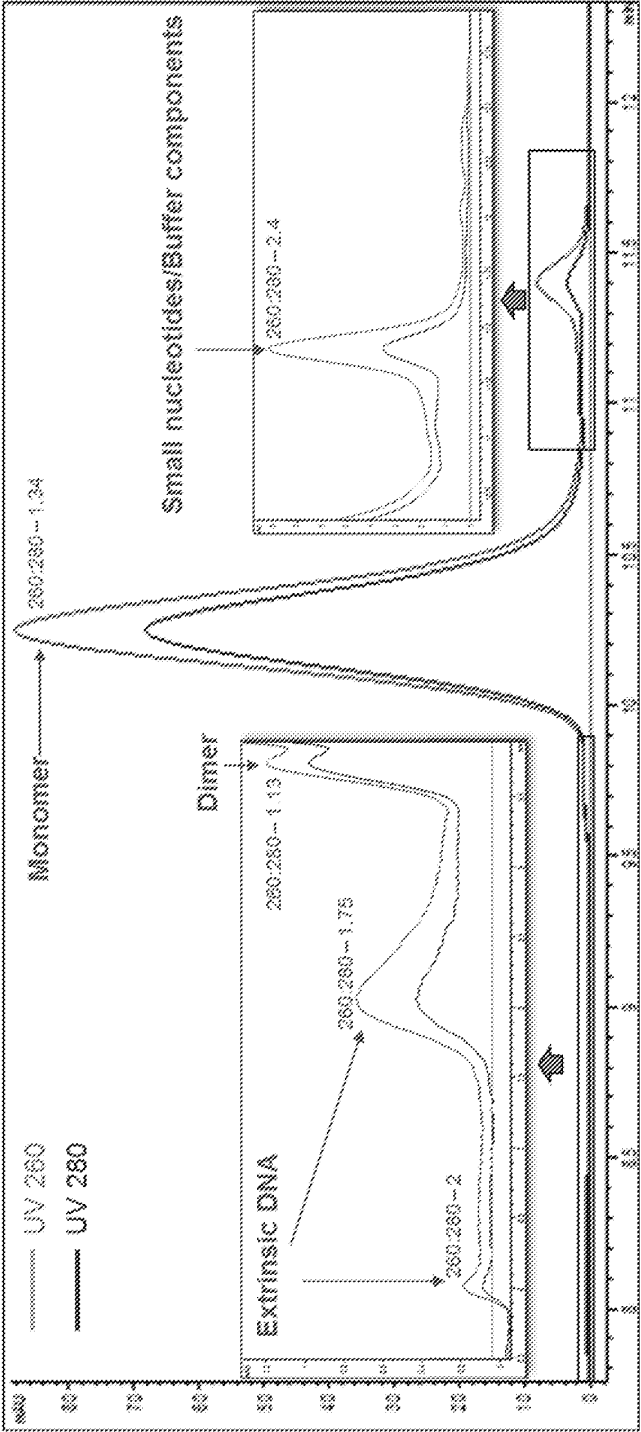


Fig. 8B

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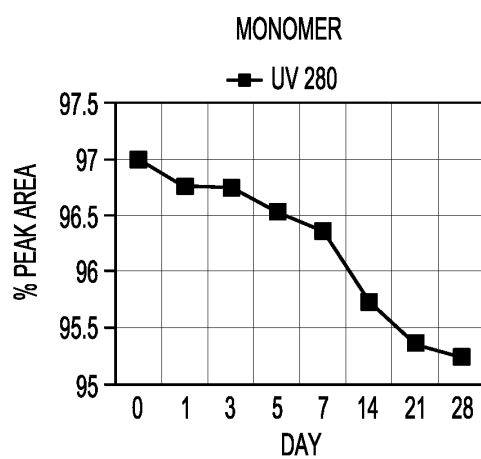


FIG.9A

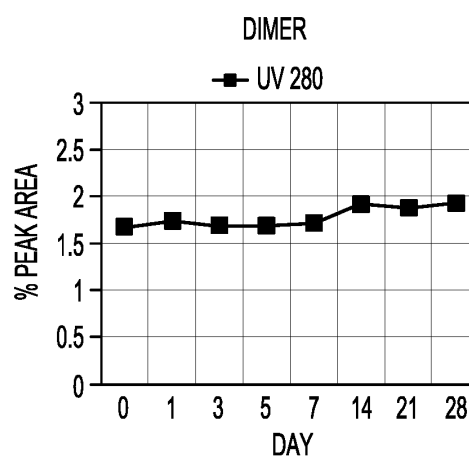


FIG.9B

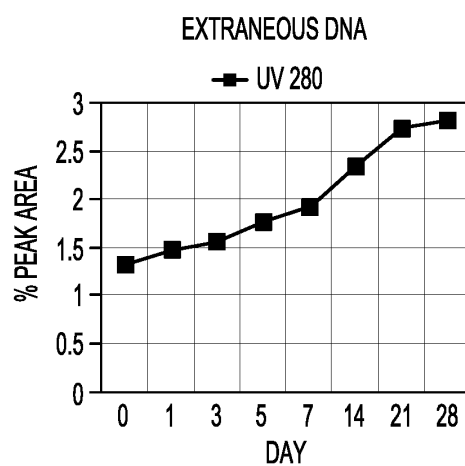


FIG.9C

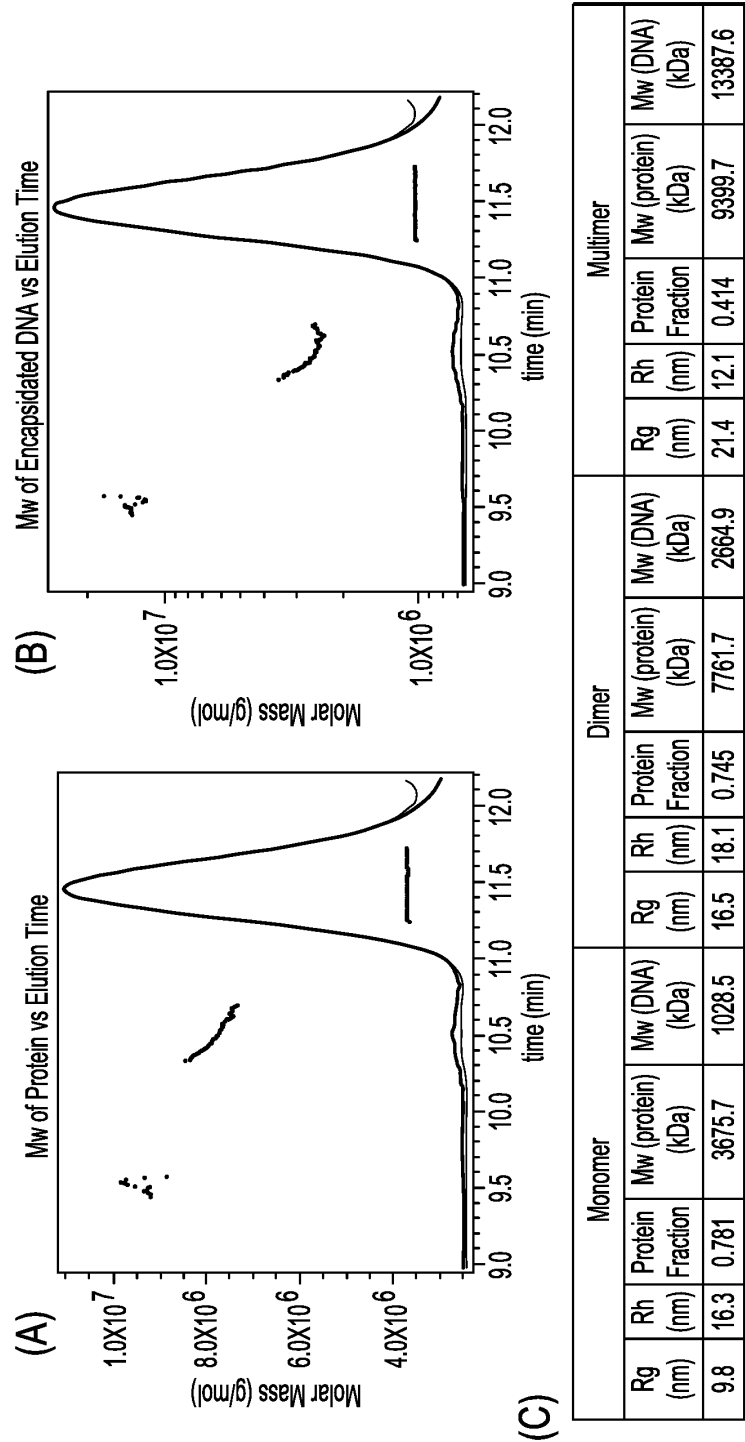


FIG.10

Sample	Protein Fraction	Protein Mass (µg)	DNA Mass (µg)	Protein MW	Modifier MW
Reference material 1A	0.765	7.15	2.2	3.74E+06	1.15E+06
Sample 1	0.771	7.07	2.1	3.70E+06	1.11E+06
Sample 2	0.8	17.31	4.34	3.73E+06	9.37E+05
Sample 3	0.787	13.67	3.69	3.78E+06	1.02E+06
Sample 4		14.30	5.50	3.66E+06	1.41E+06
Sample 5	0.72	12.66	4.91	3.70E+06	1.44E+06
Reference material 1B	0.771	6.16	1.83	3.70E+06	1.10E+06

0% Light Capsids in all samples by AUC

Fig. 11

Sample	MALS CP/mL	MALS vg/mL	ELISA Cp/ml	PCR Vg/ml	MALS CP/mL
Reference material 1A	2.30E+13	2.30E+13	2.05E+13	2.27E+13	2.30E+13
Sample 1	2.30E+13	2.28E+13	1.99E+13	1.64E+13	2.30E+13
Sample 2	2.79E+14	2.78E+14		2.4E+14	2.79E+14
Sample 3	2.18E+14	2.17E+14		2.2E+14	2.18E+14
Sample 4	4.71E+13	4.69E+13		5.11E13	4.71E+13
Sample 5	4.58E+13	4.58E+13		5.11E13	4.58E+13
Reference material 1B	2.01E+13	2.00E+13	2.12E+13	2.10E+13	2.01E+13

~0% Light Capsids in all samples by AUC

Fig. 12

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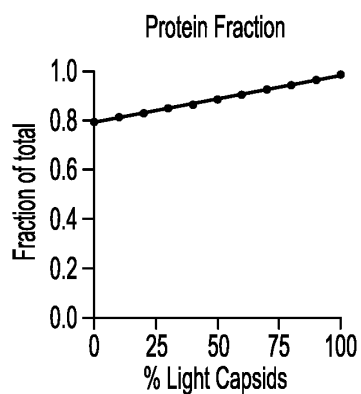


FIG.13A

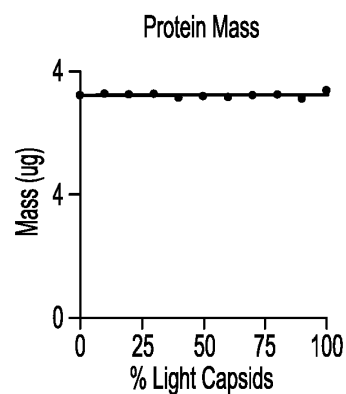


FIG.13B

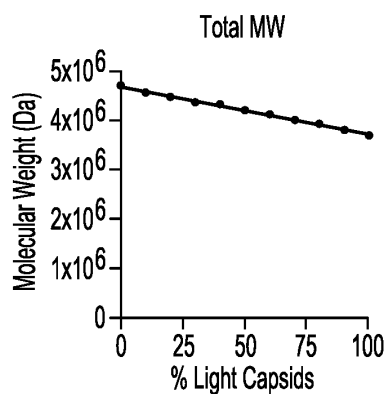


FIG.14A

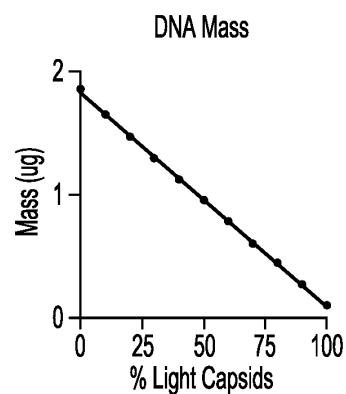


FIG.13C

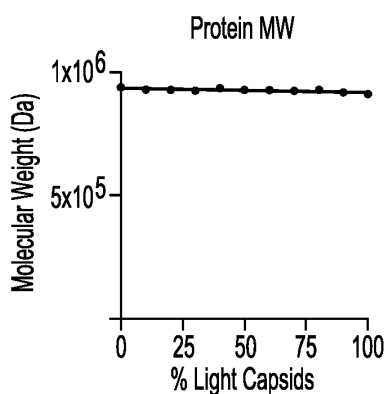


FIG.14B

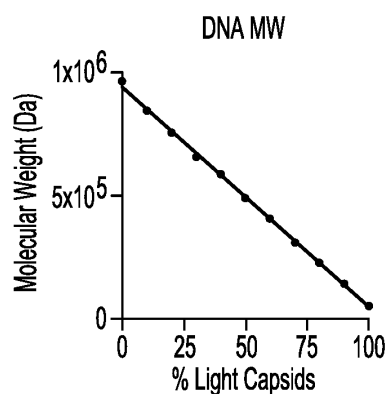


FIG.14C

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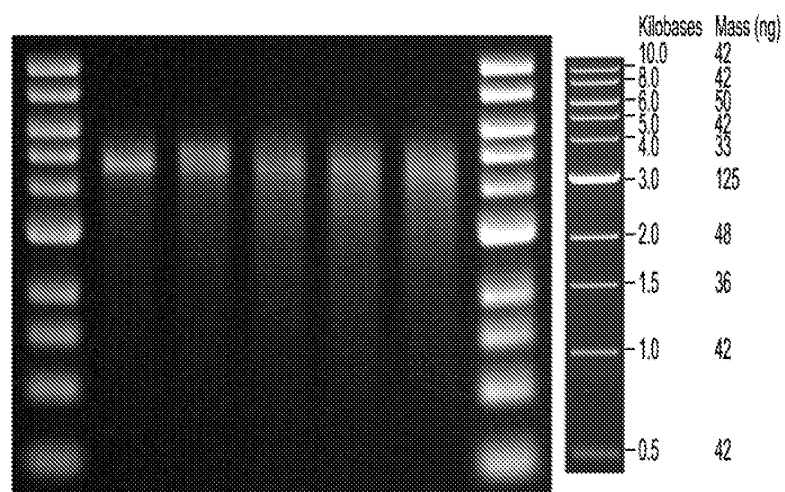


FIG.15

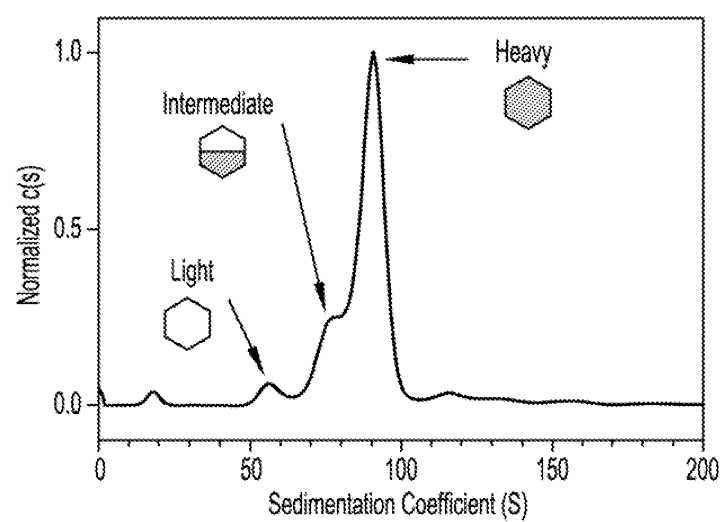


FIG.16

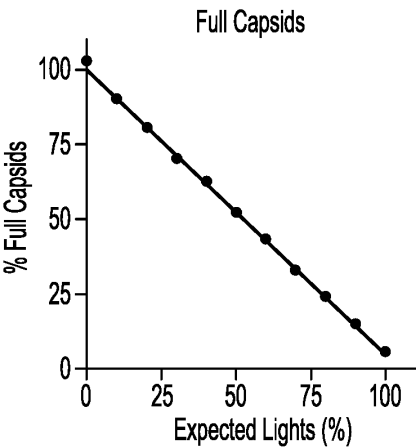


FIG.17A

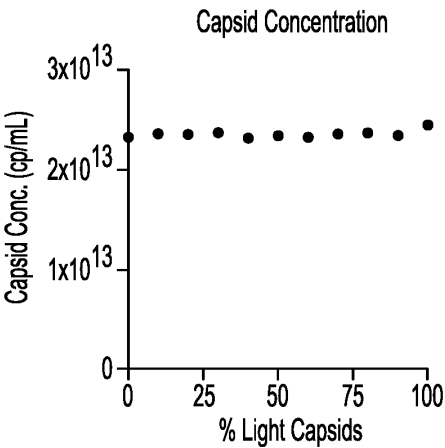


FIG.17B

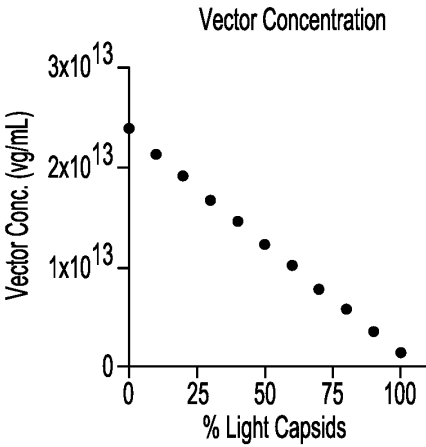


FIG.17C

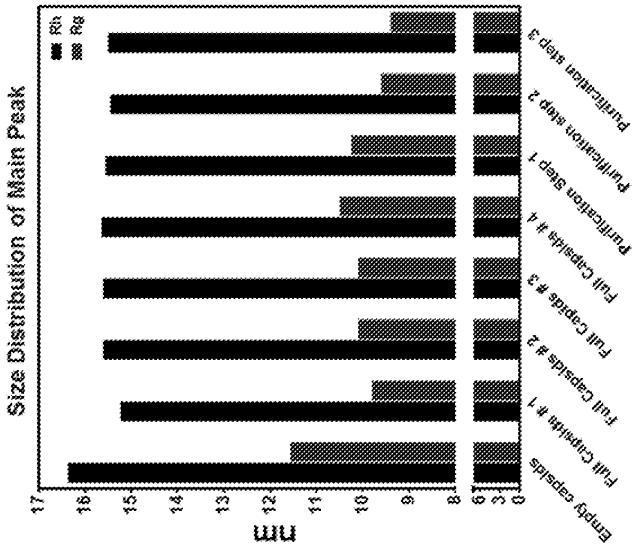


Fig. 18B

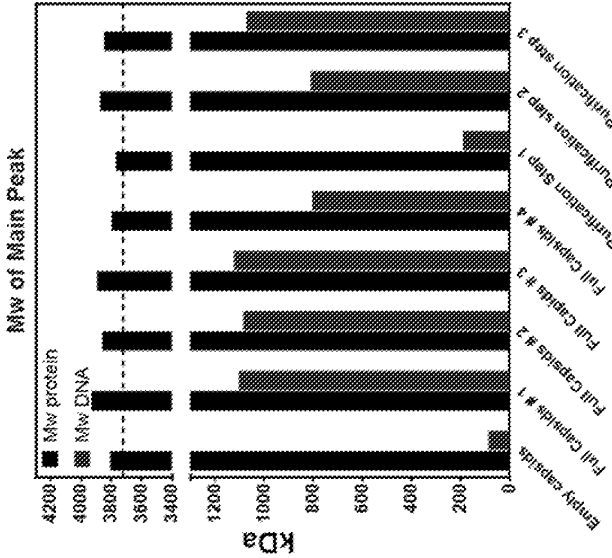


Fig. 18A

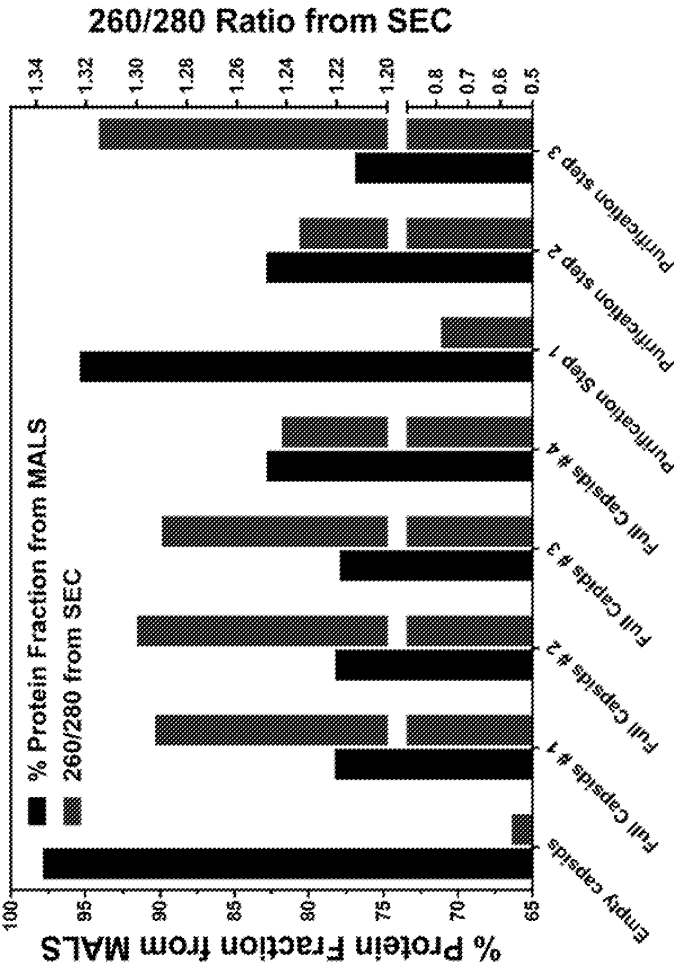
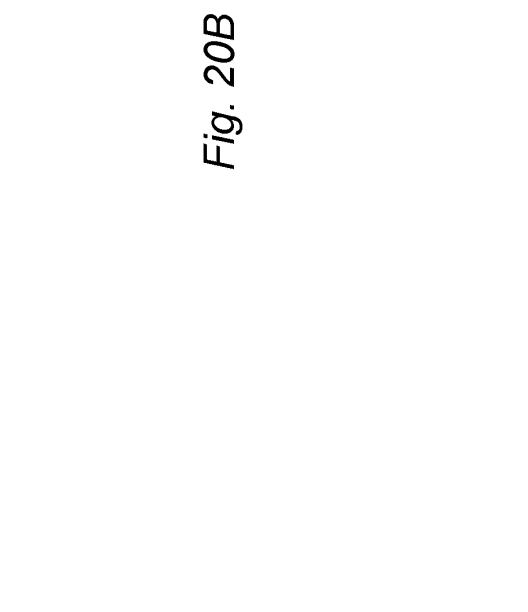
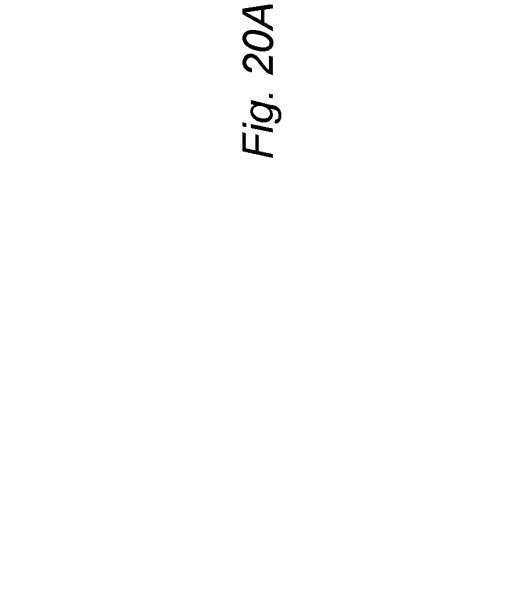
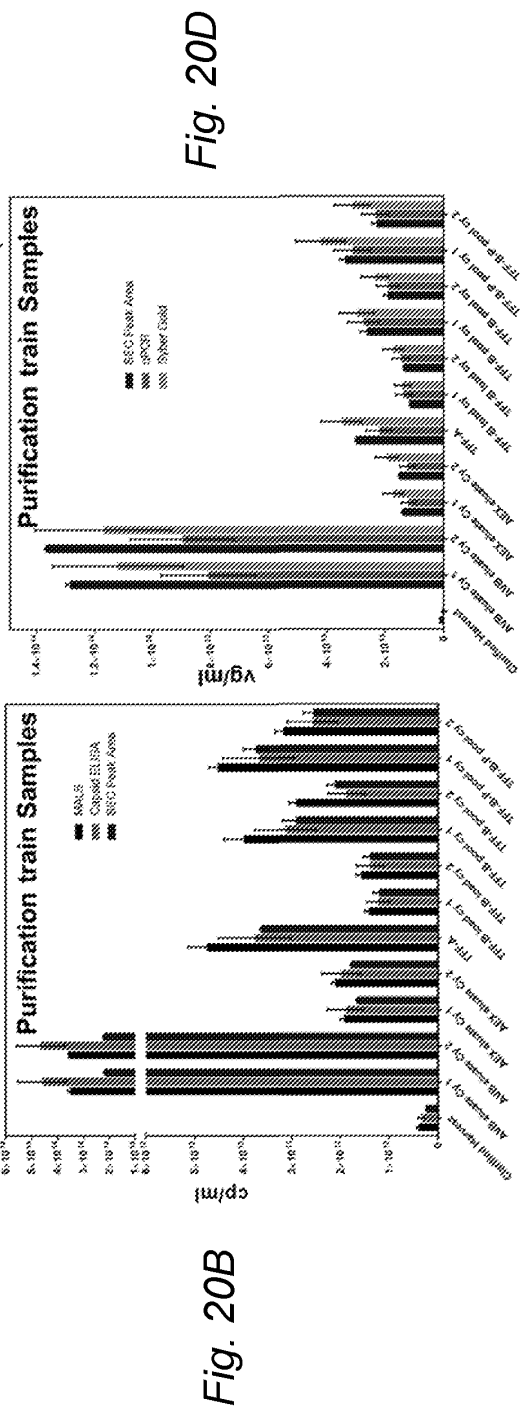
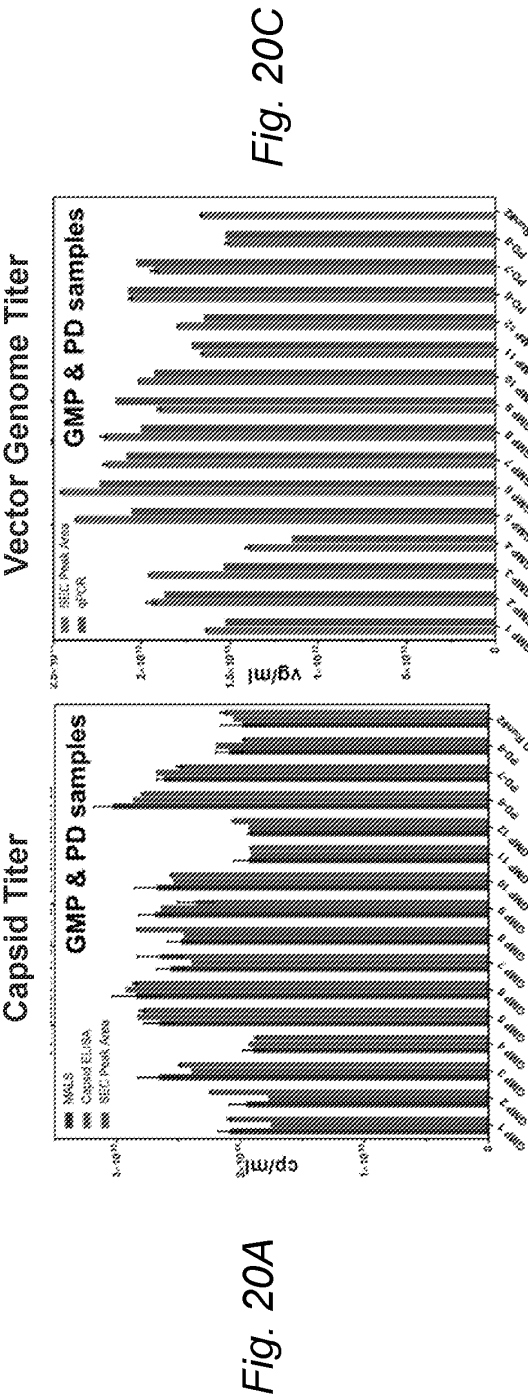


Fig. 19



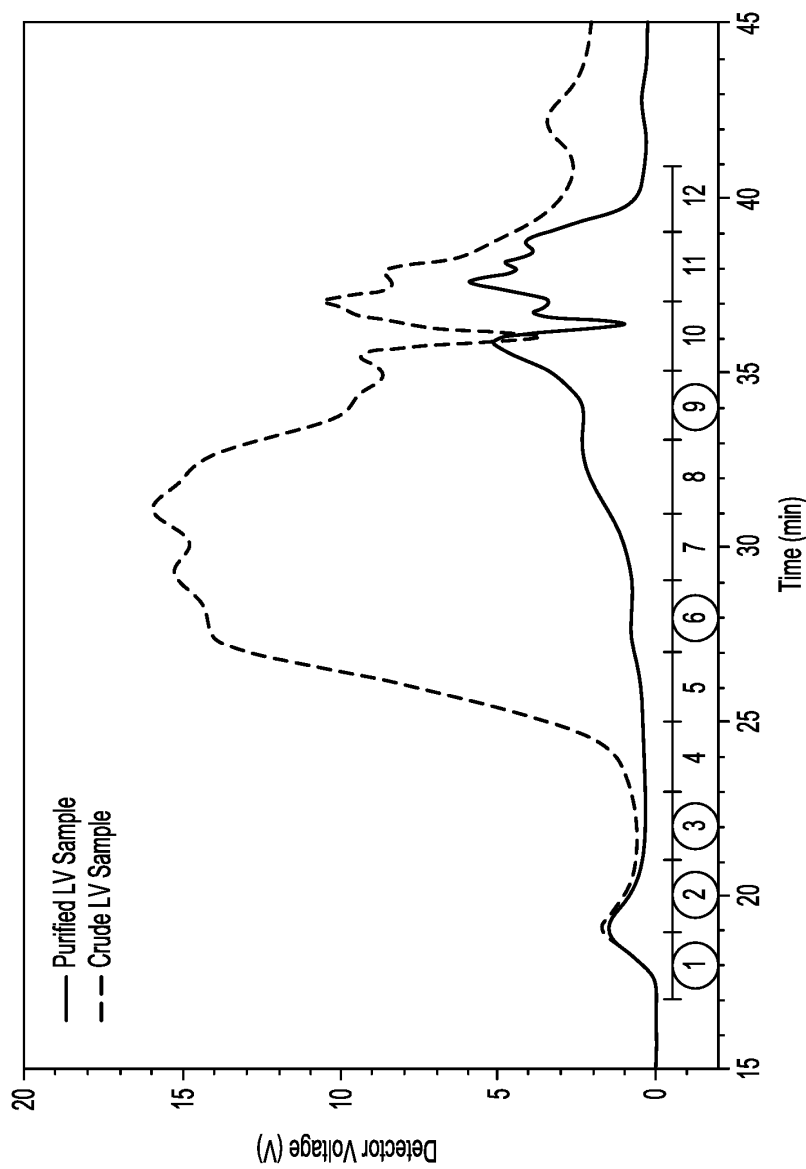


FIG.21

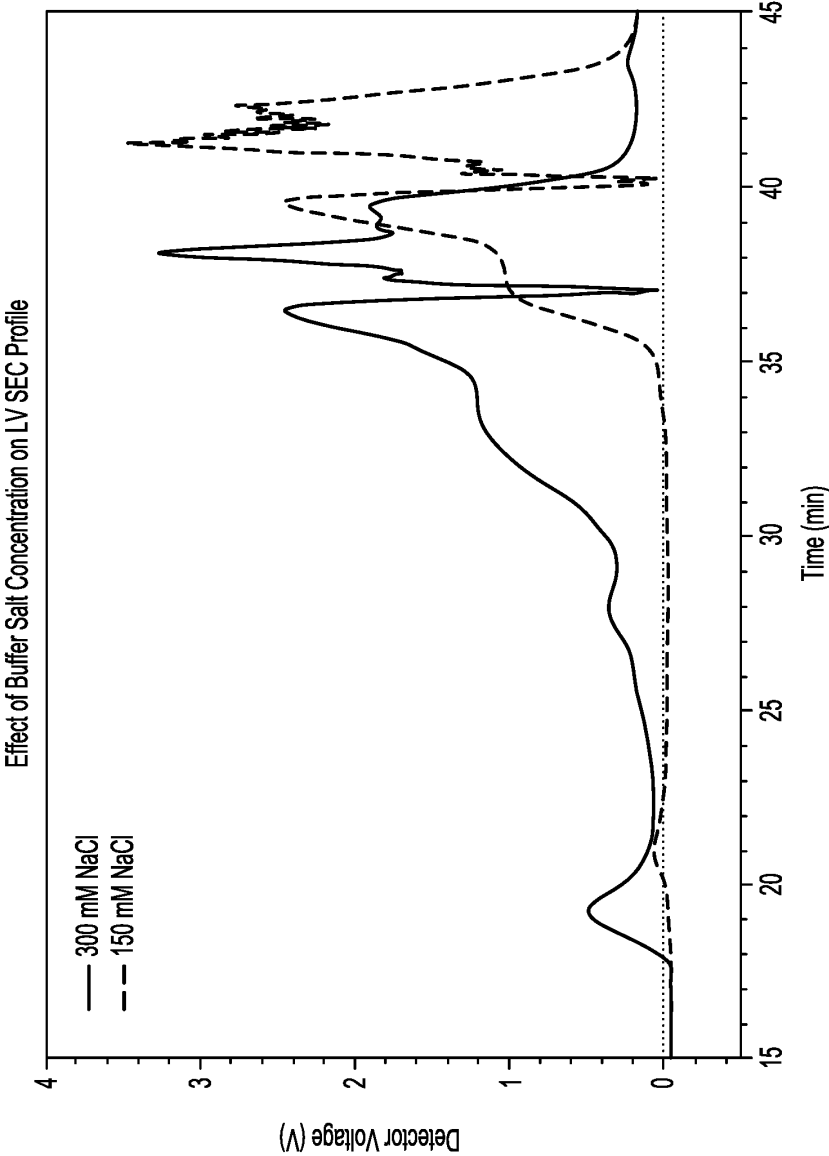


FIG.22

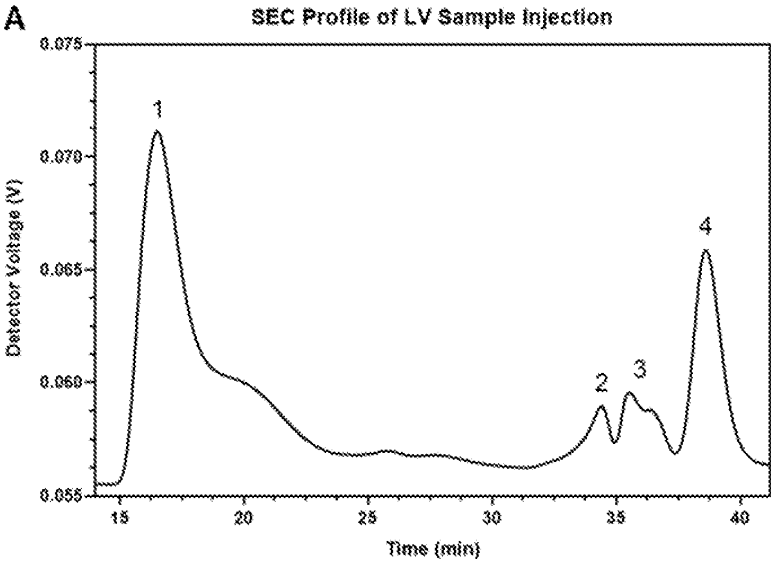


Fig. 23A

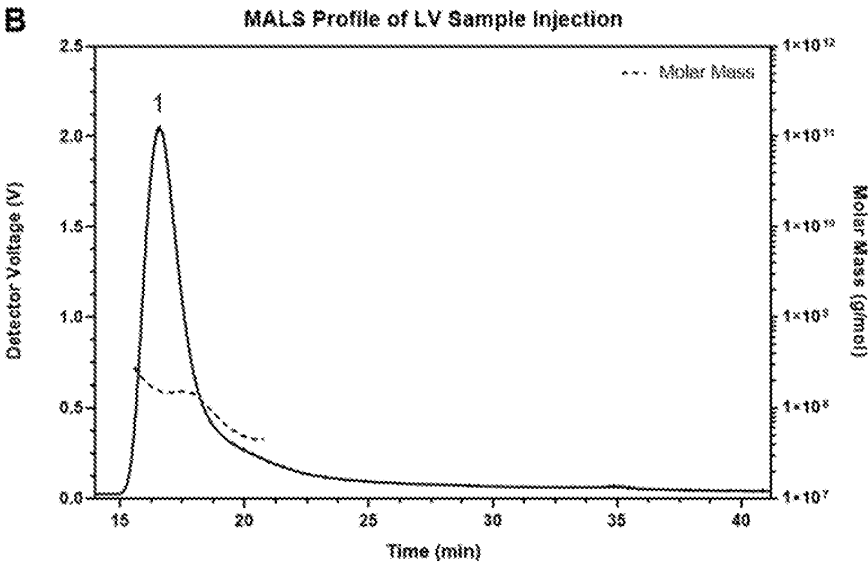


Fig. 23B

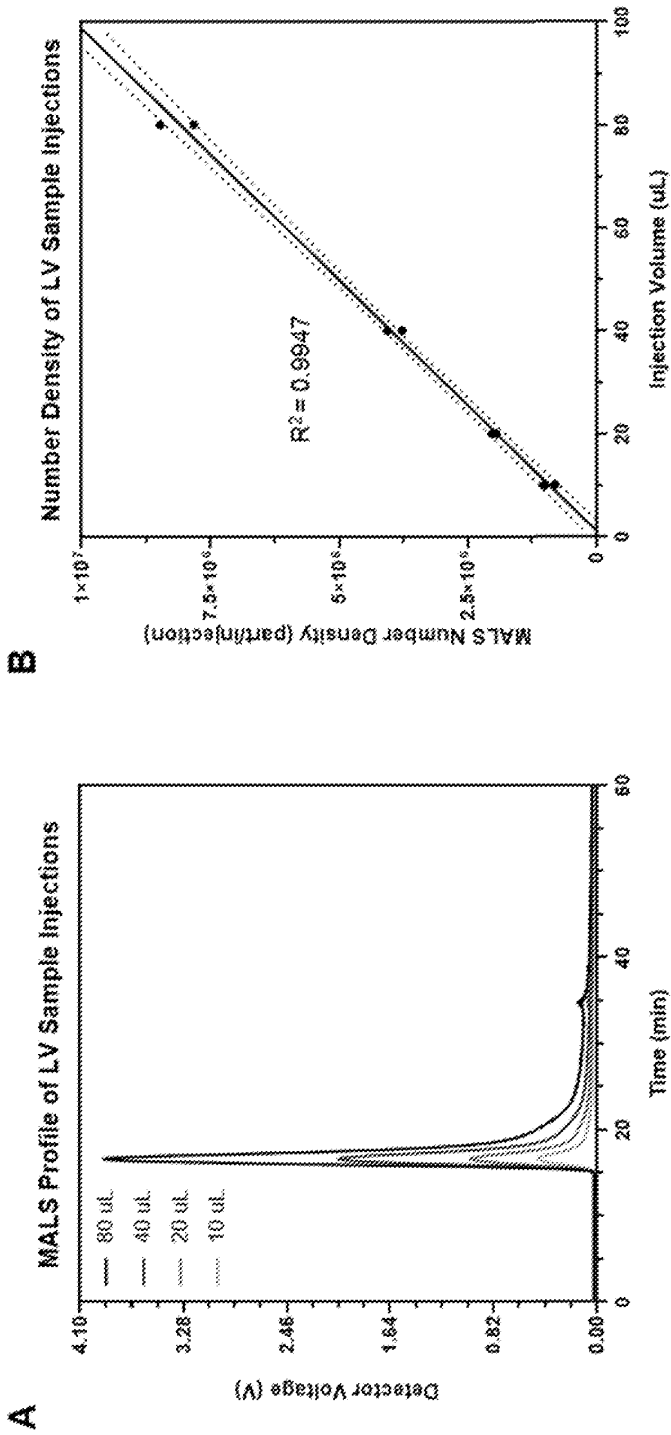


Fig. 24B

Fig. 24A

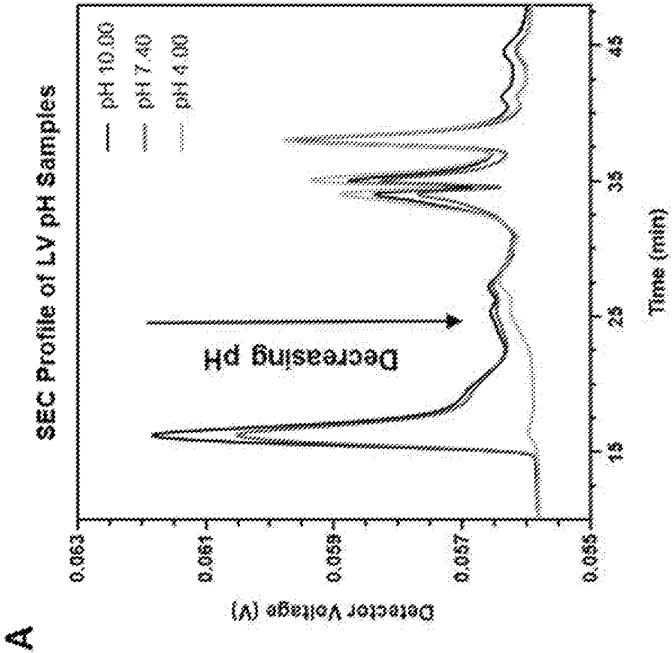


Fig. 25A

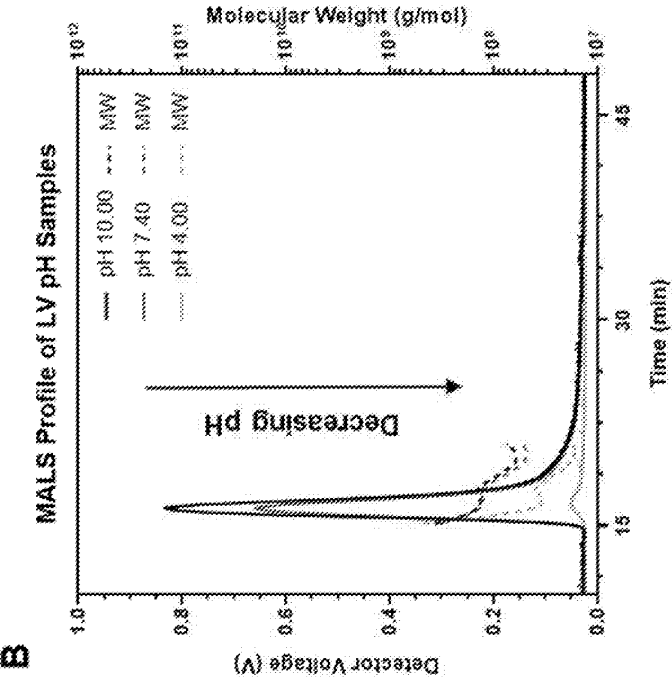


Fig. 25B

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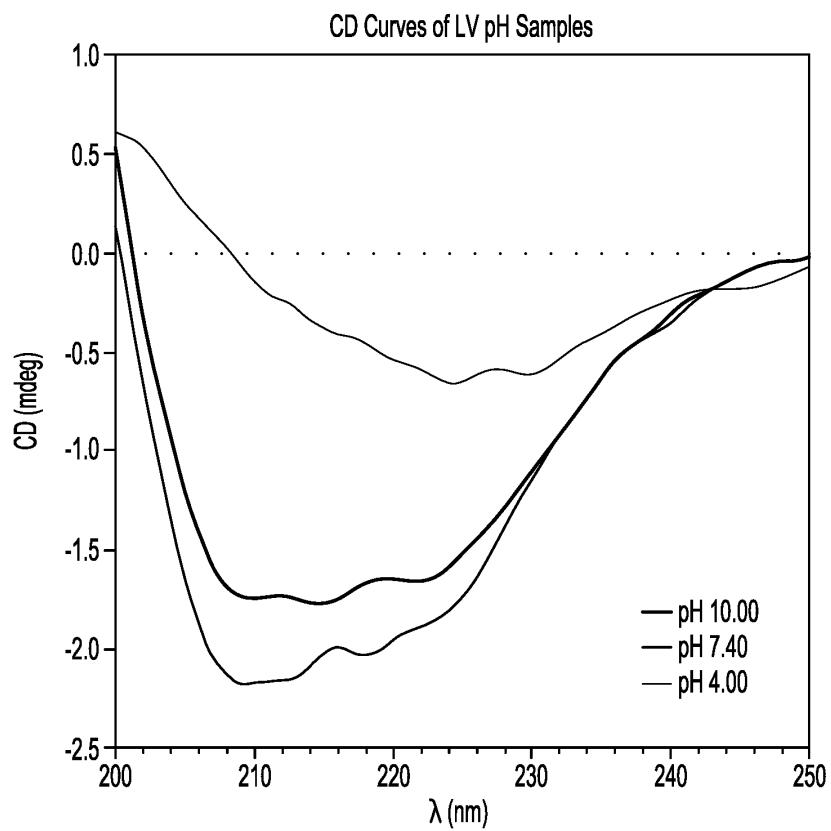


FIG.26

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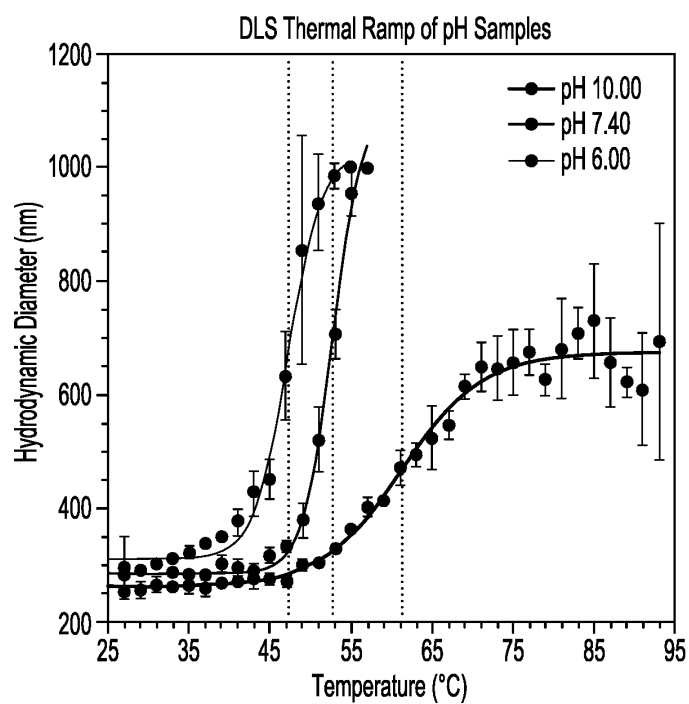


FIG.27A

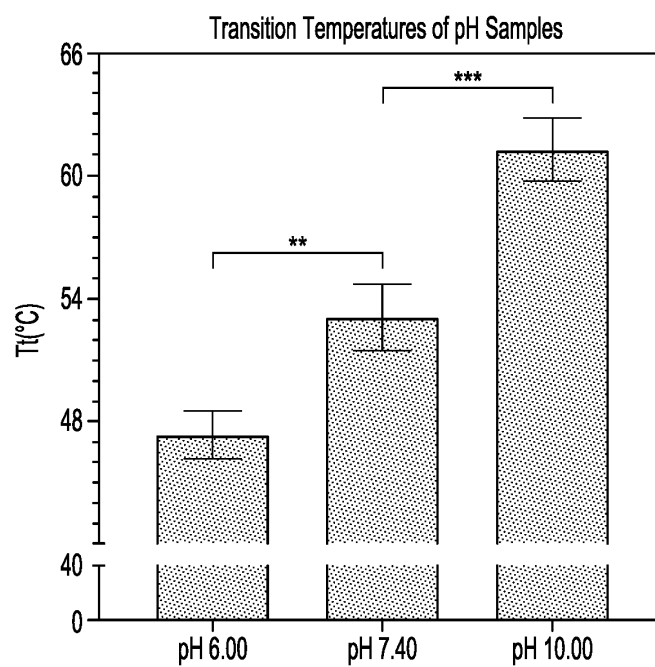


FIG.27B

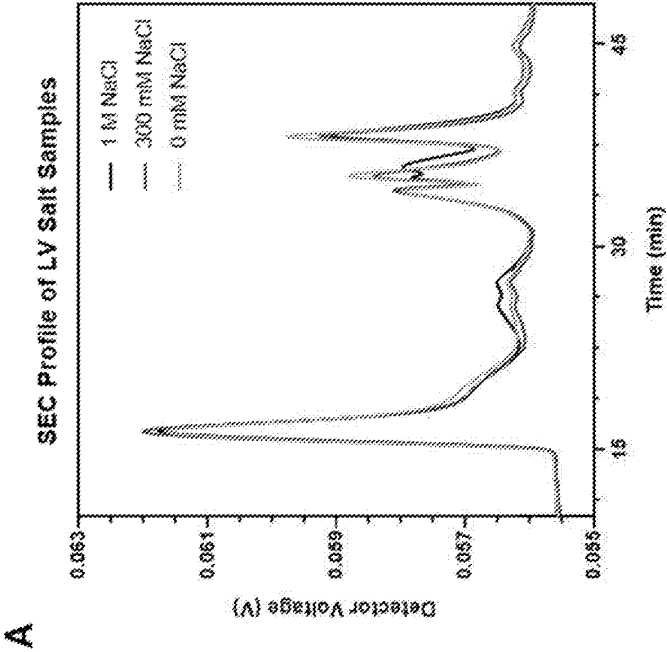


Fig. 28A

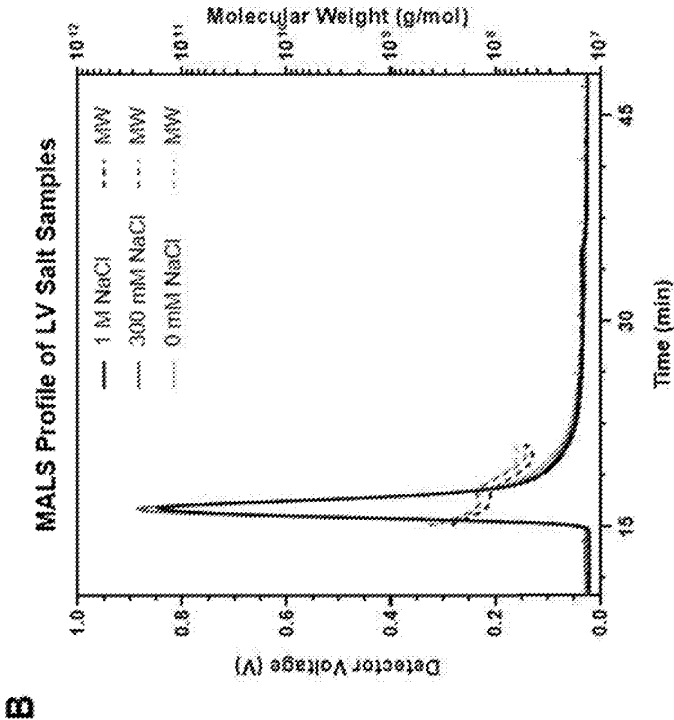


Fig. 28B

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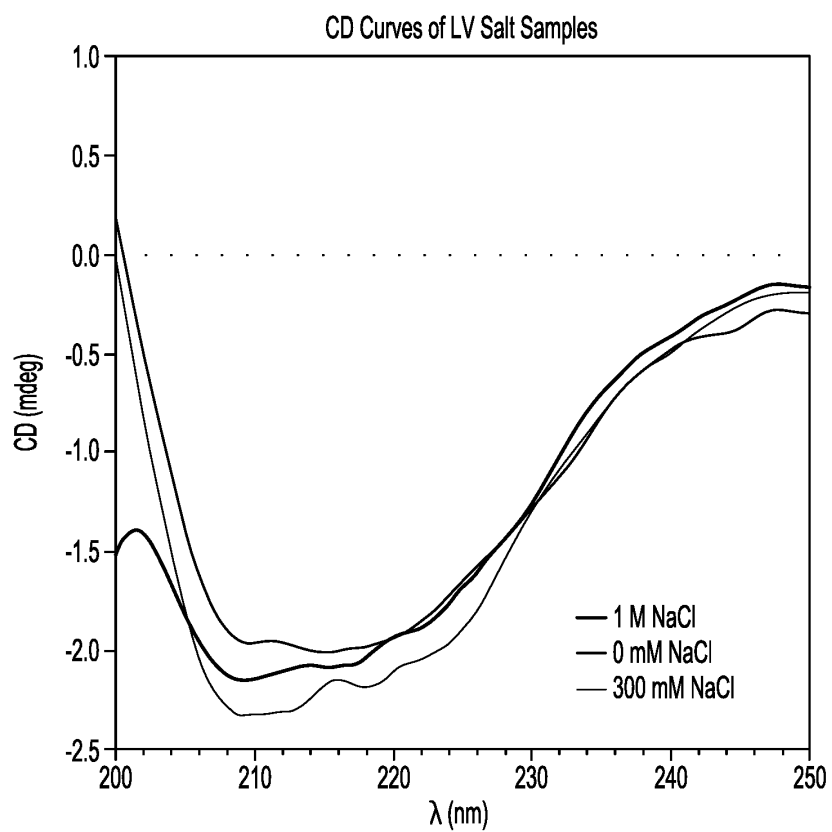


FIG.29

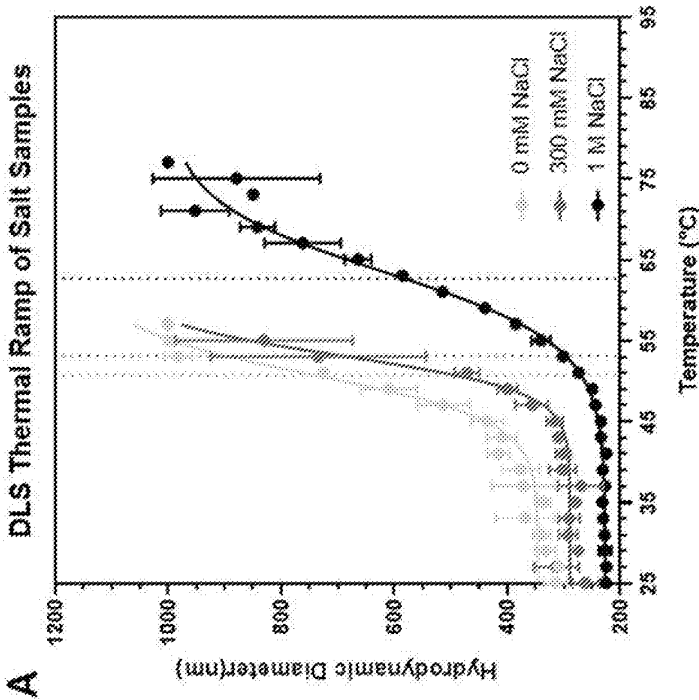


Fig. 30A

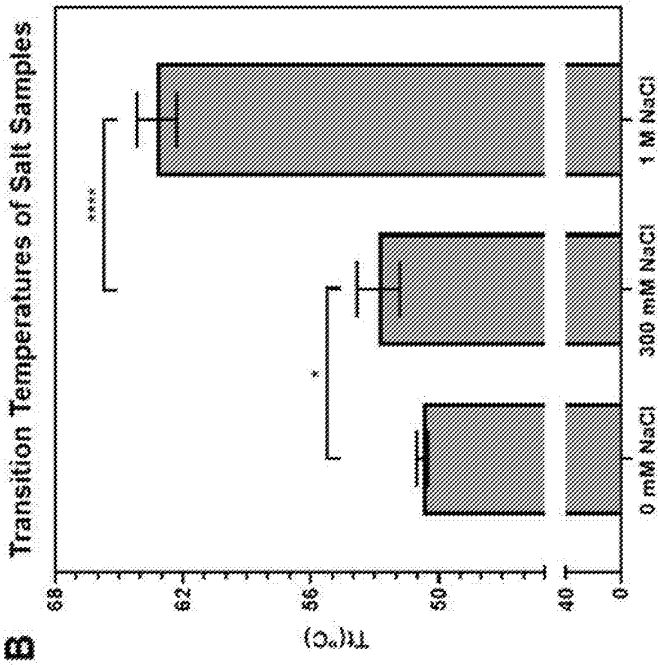
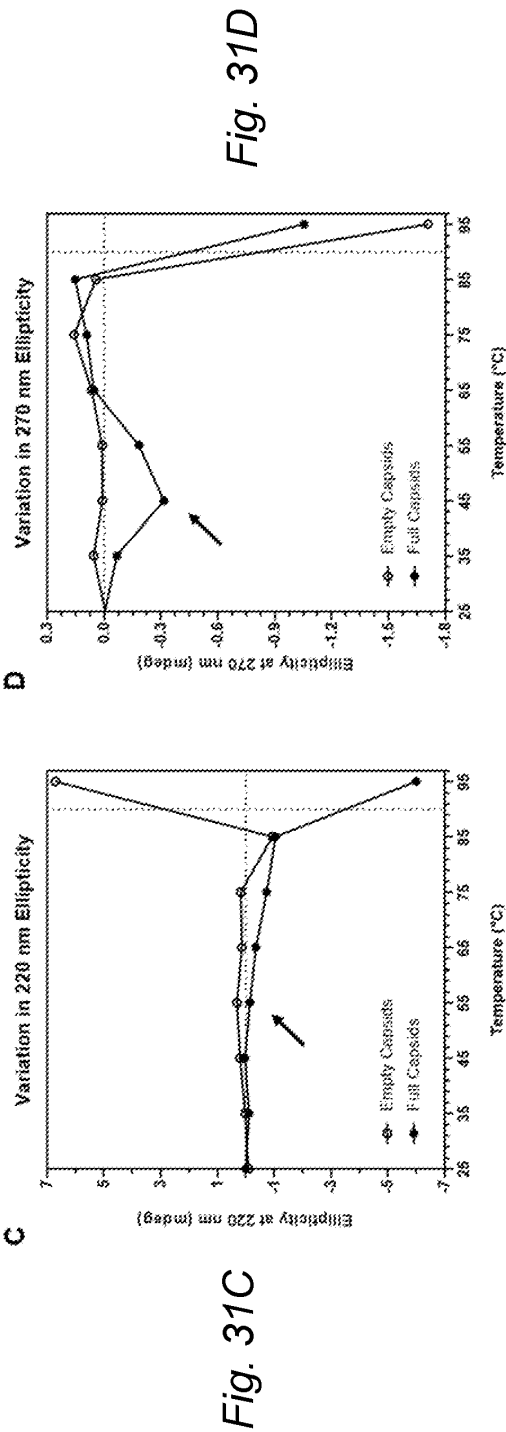
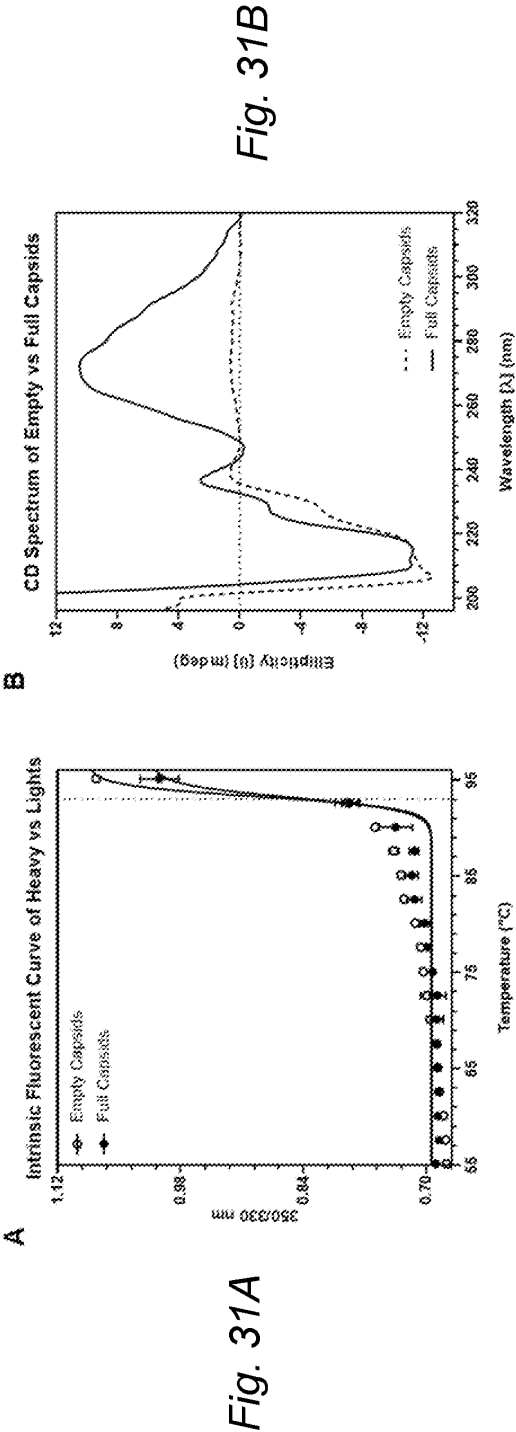
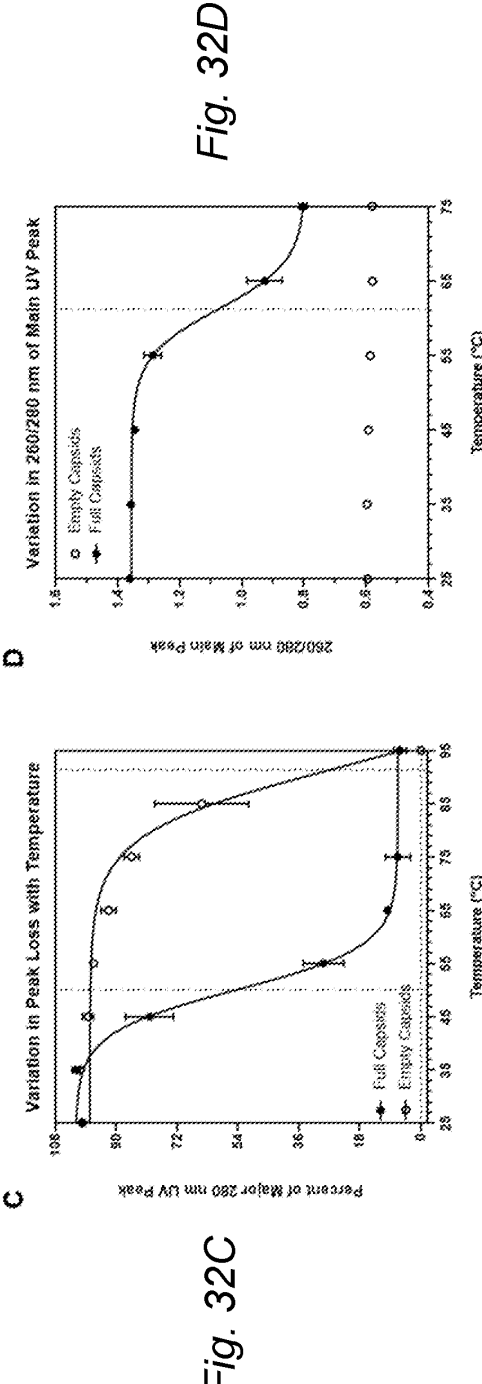
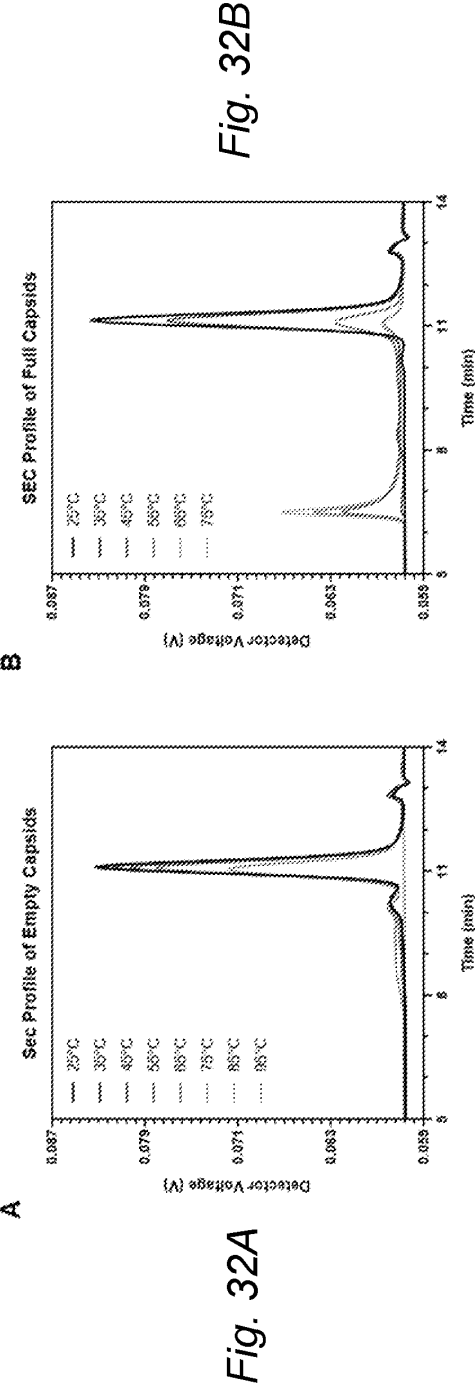


Fig. 30B





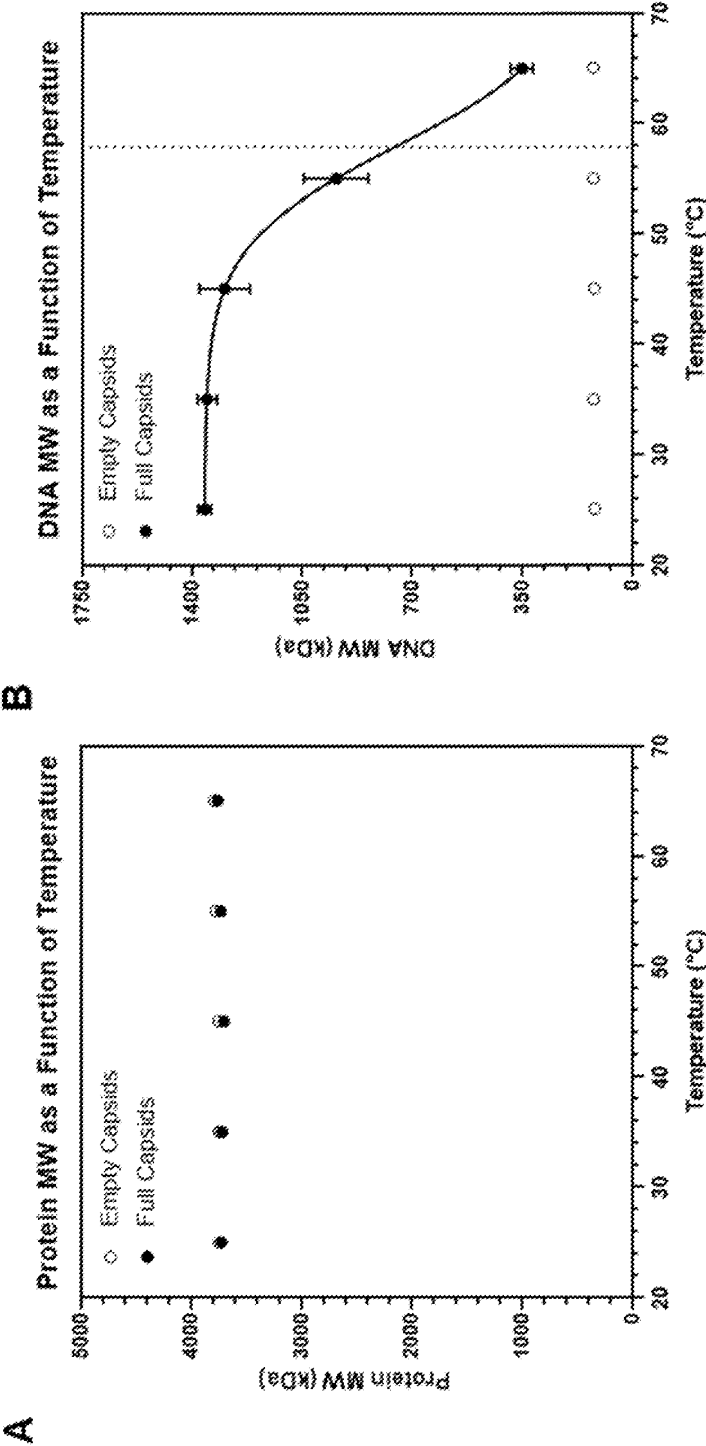


Fig. 33A

Fig. 33B

Fig. 34A

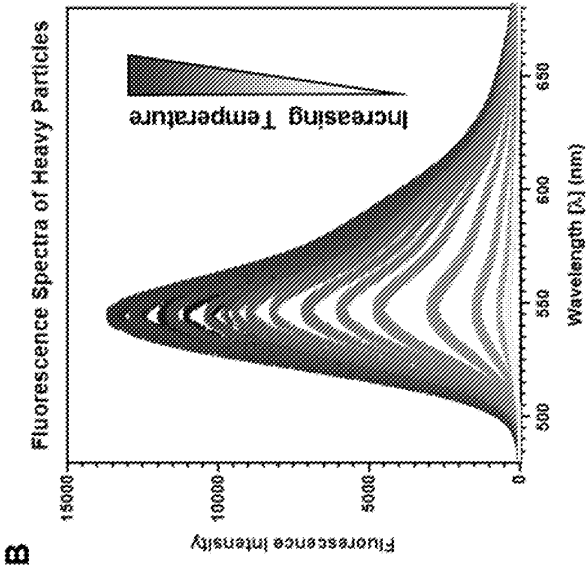
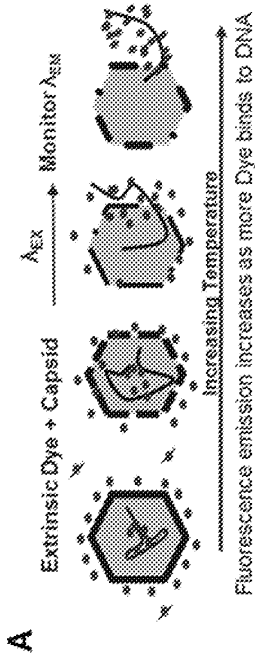


Fig. 34B

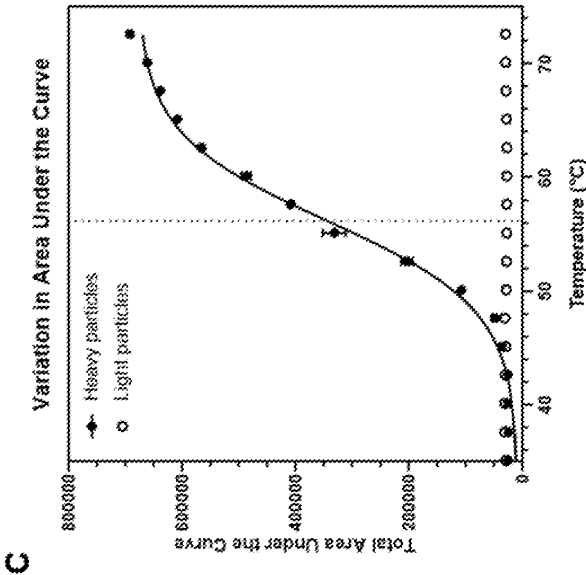


Fig. 34C

2

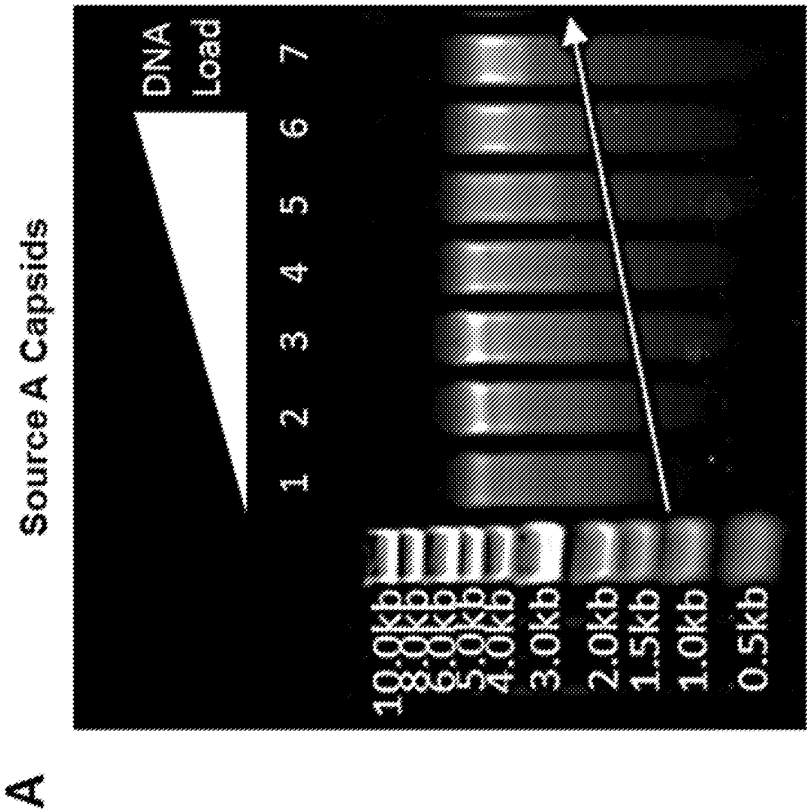


Fig. 35A

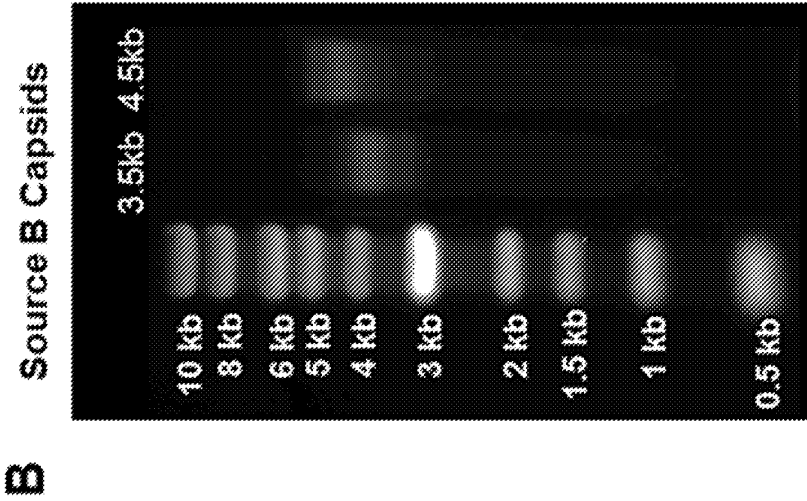


Fig. 35B

