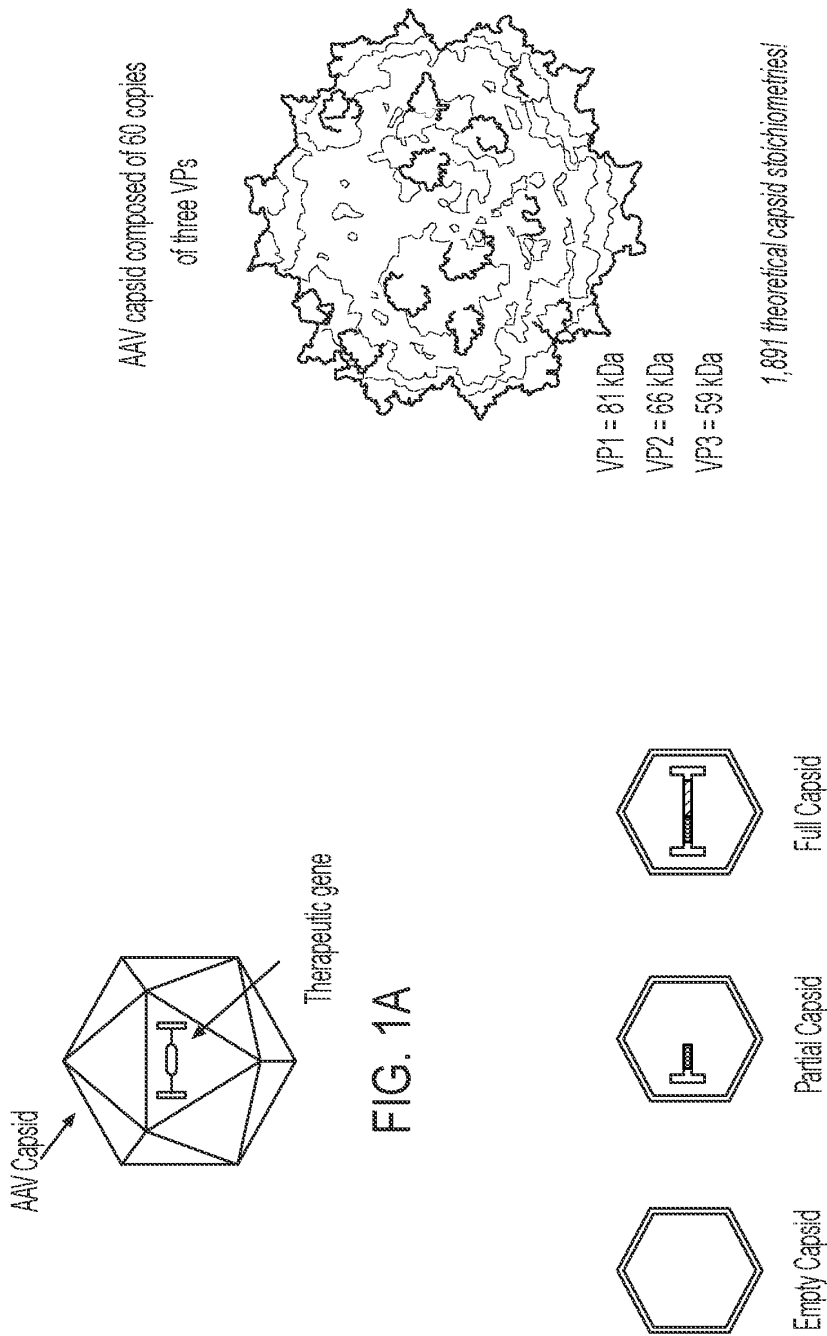




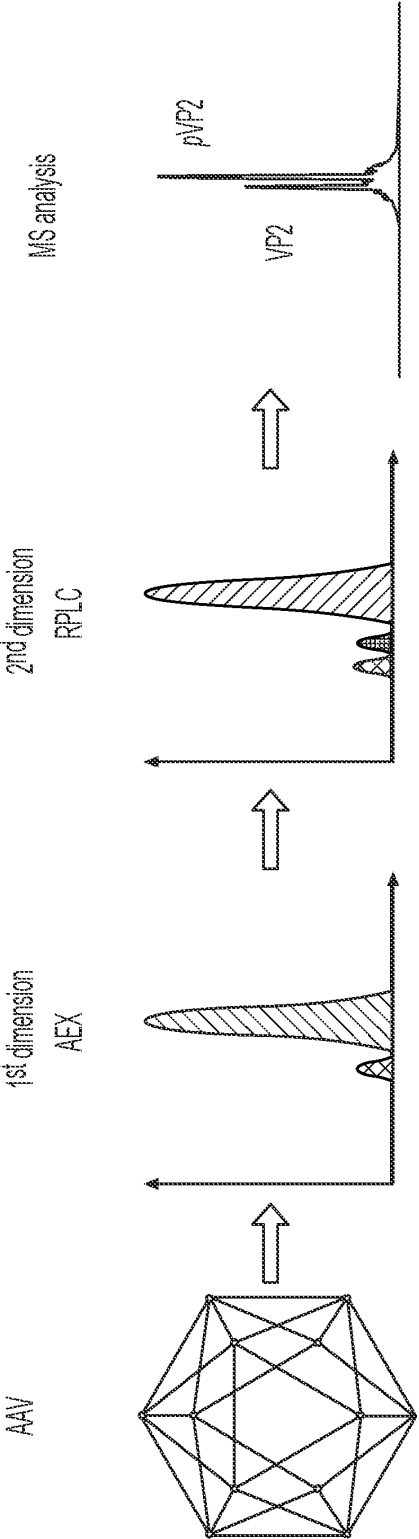


FIG. 2A

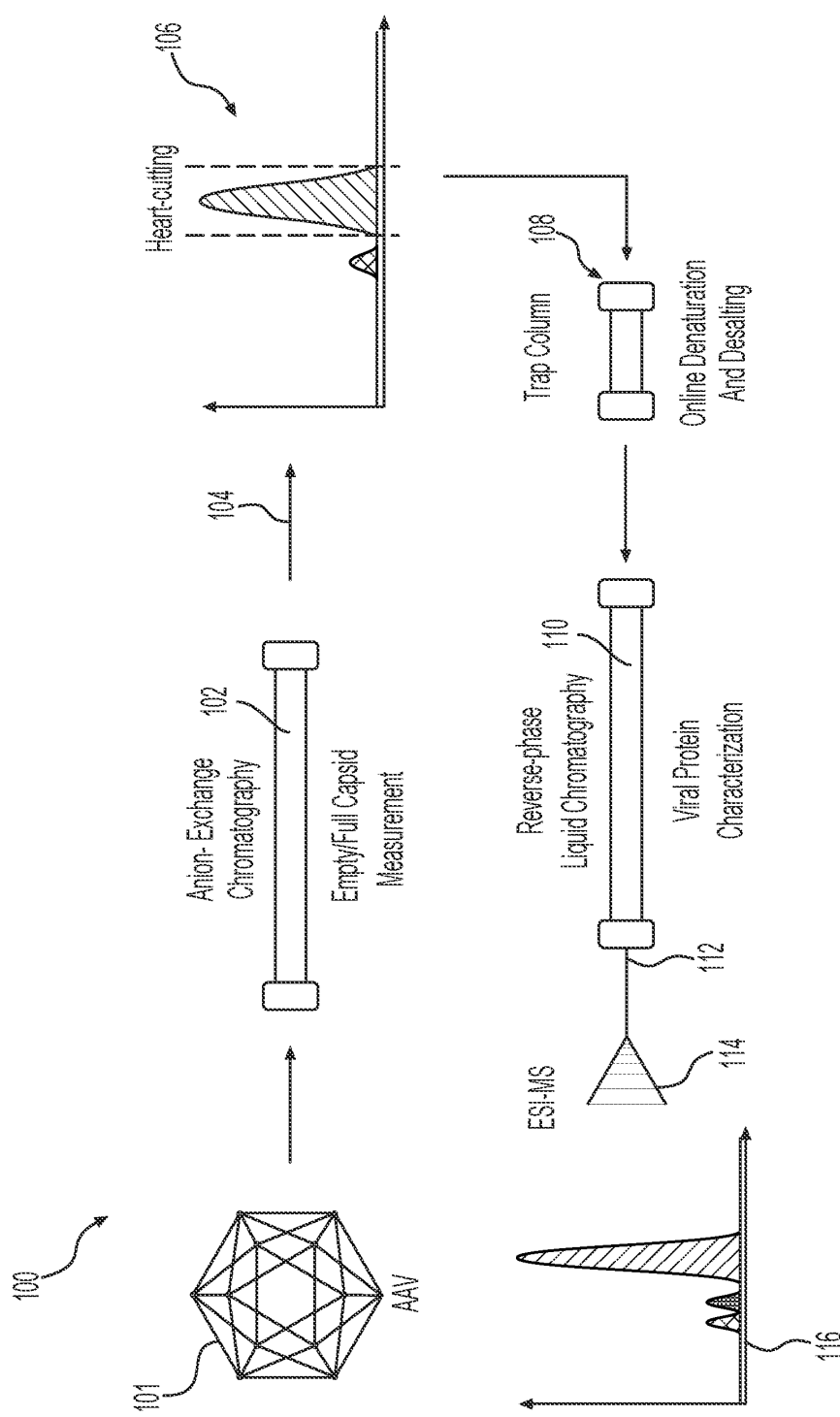


FIG. 2B

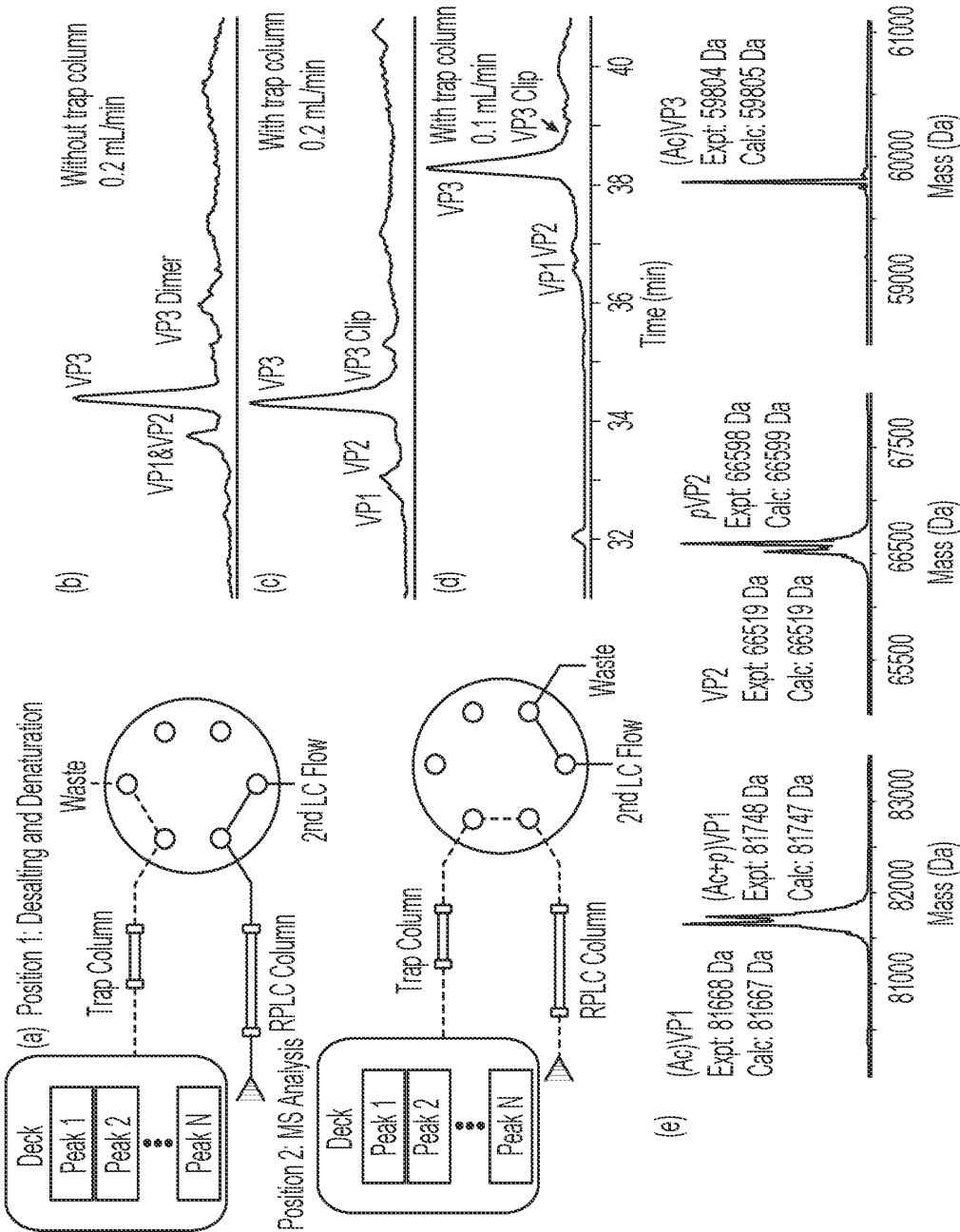


FIG. 2C

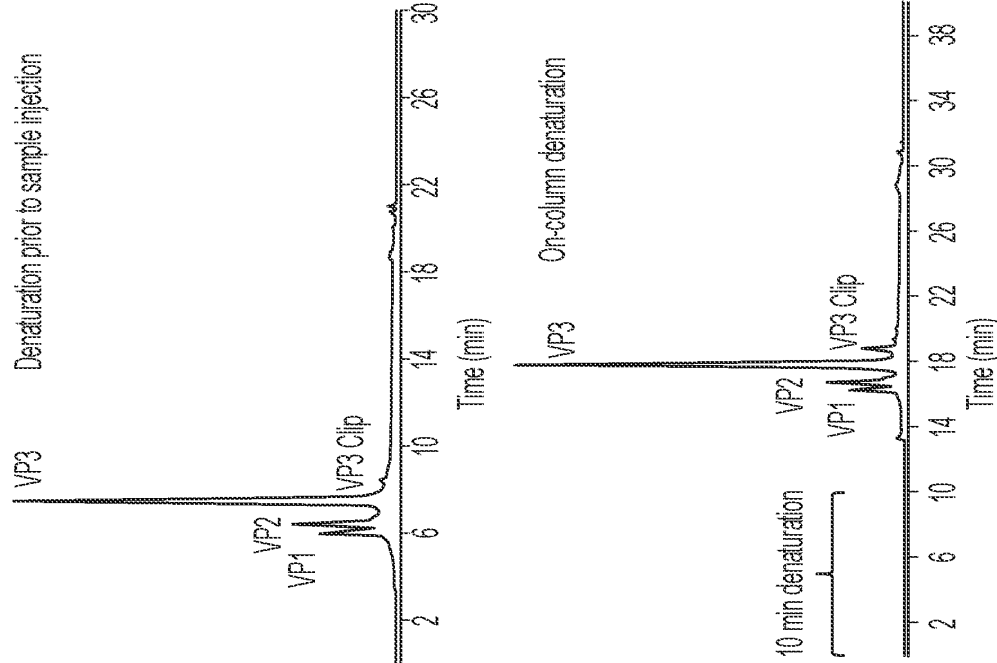


FIG. 2D

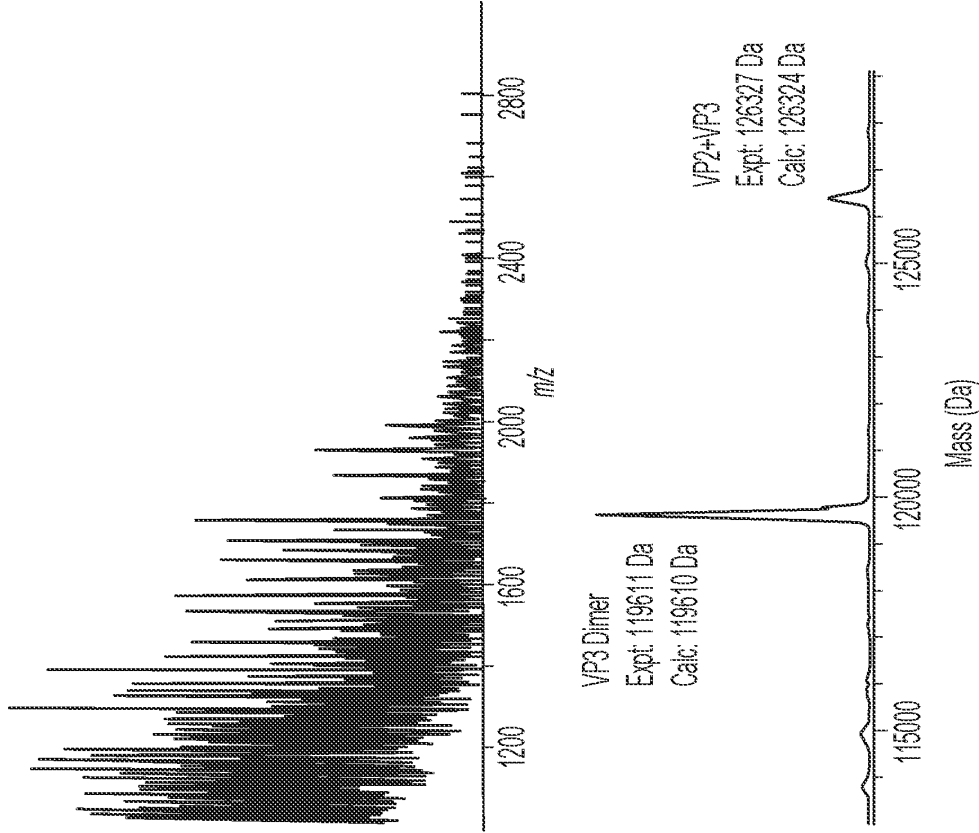


FIG. 2E

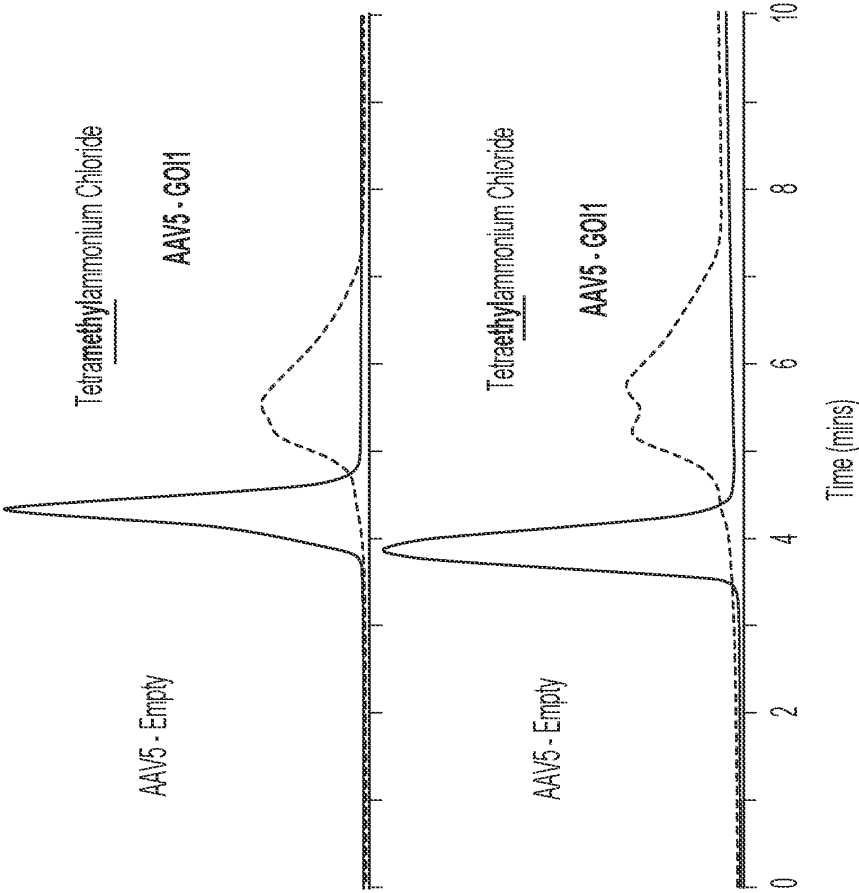


FIG. 3A

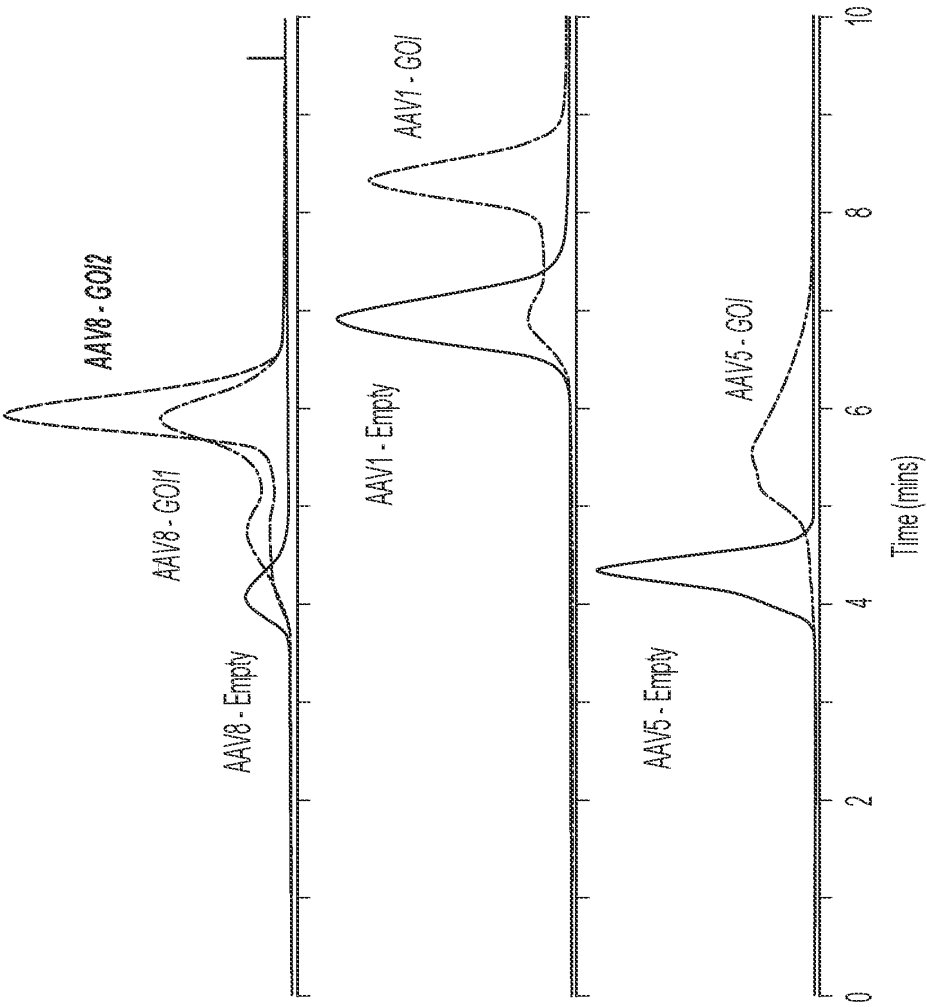


FIG. 3B

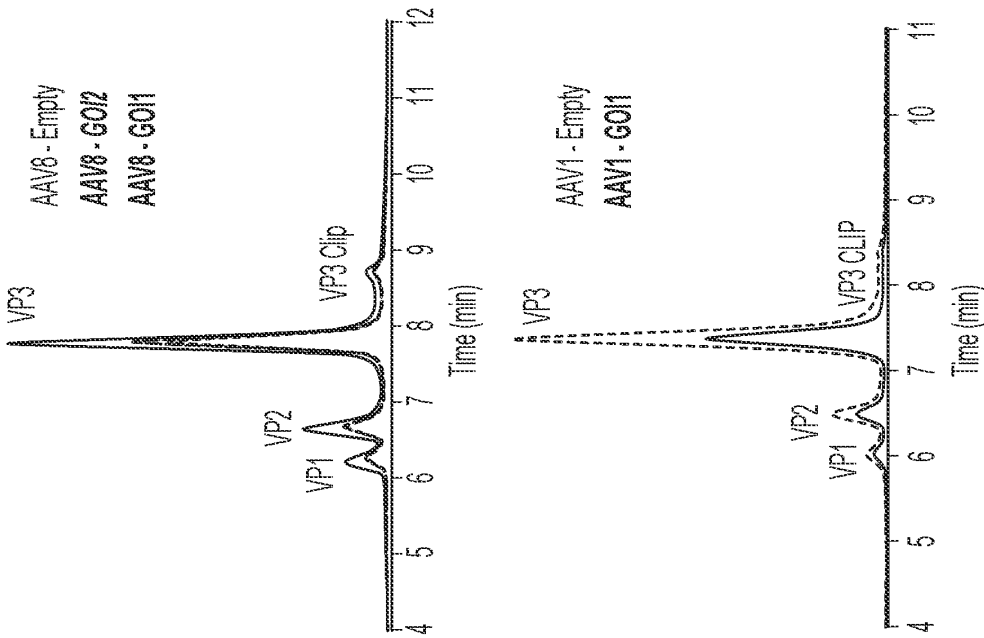


FIG. 3C

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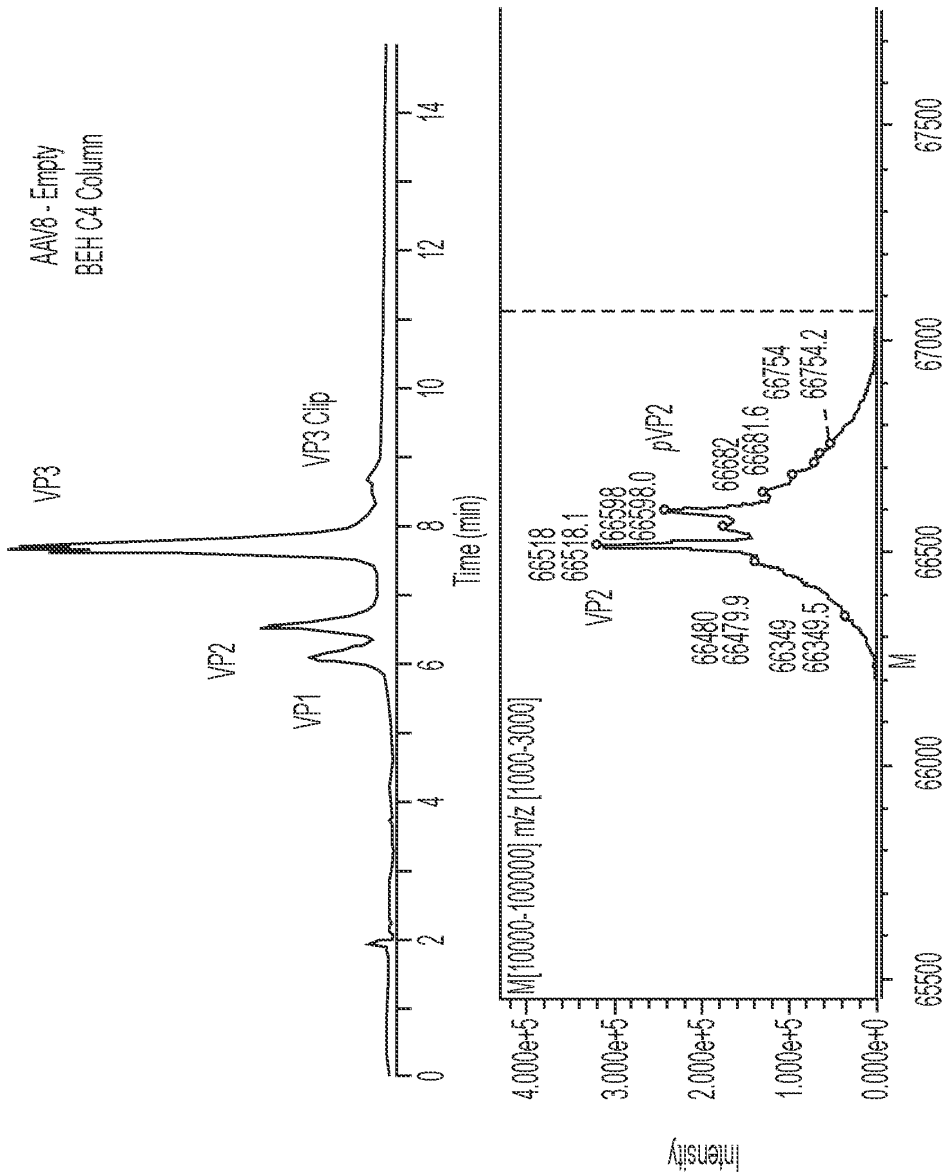


FIG. 3D

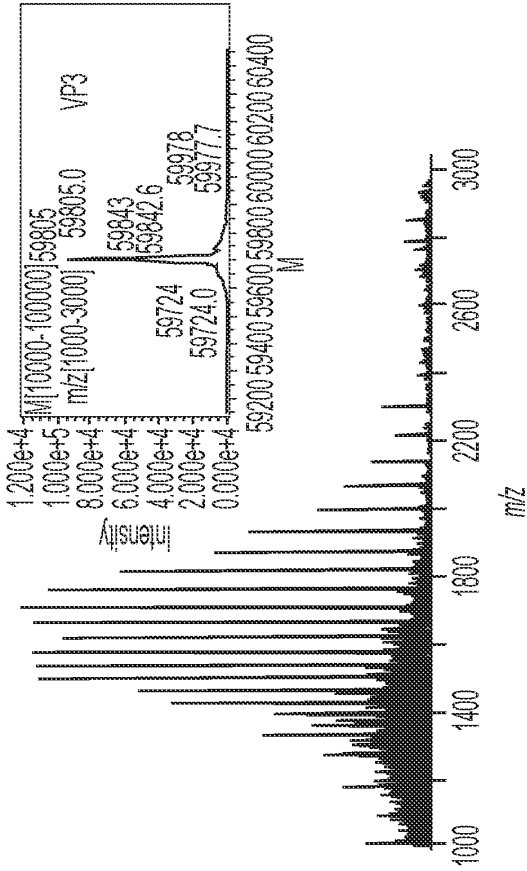
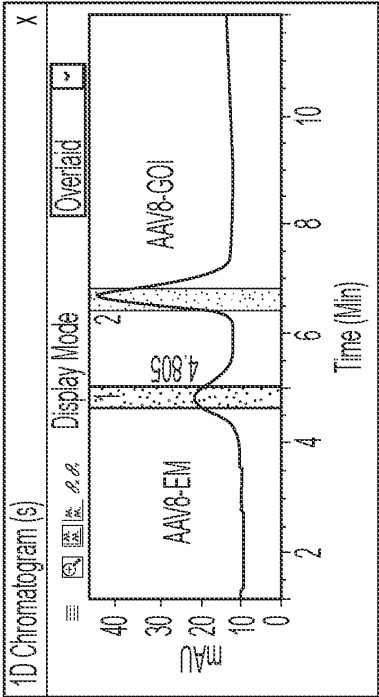
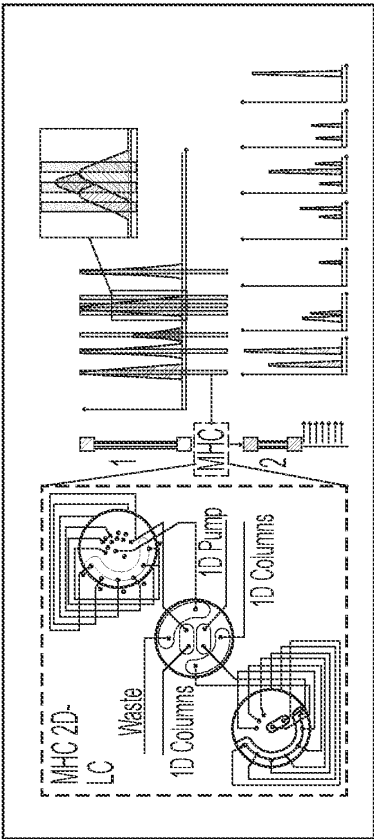
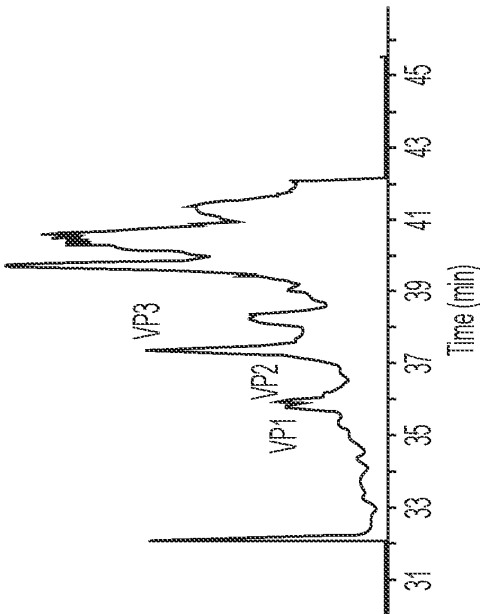


FIG. 4A



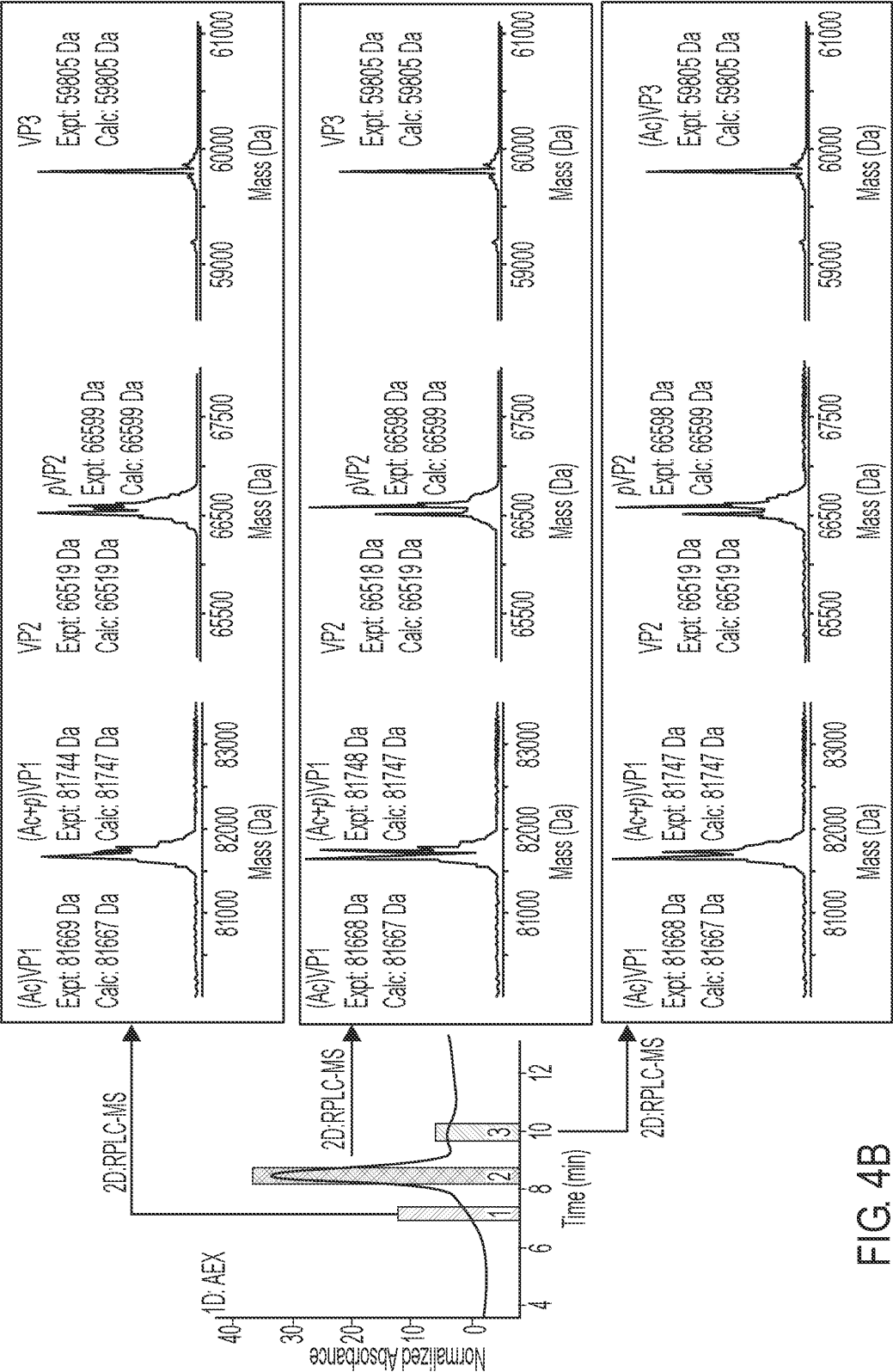
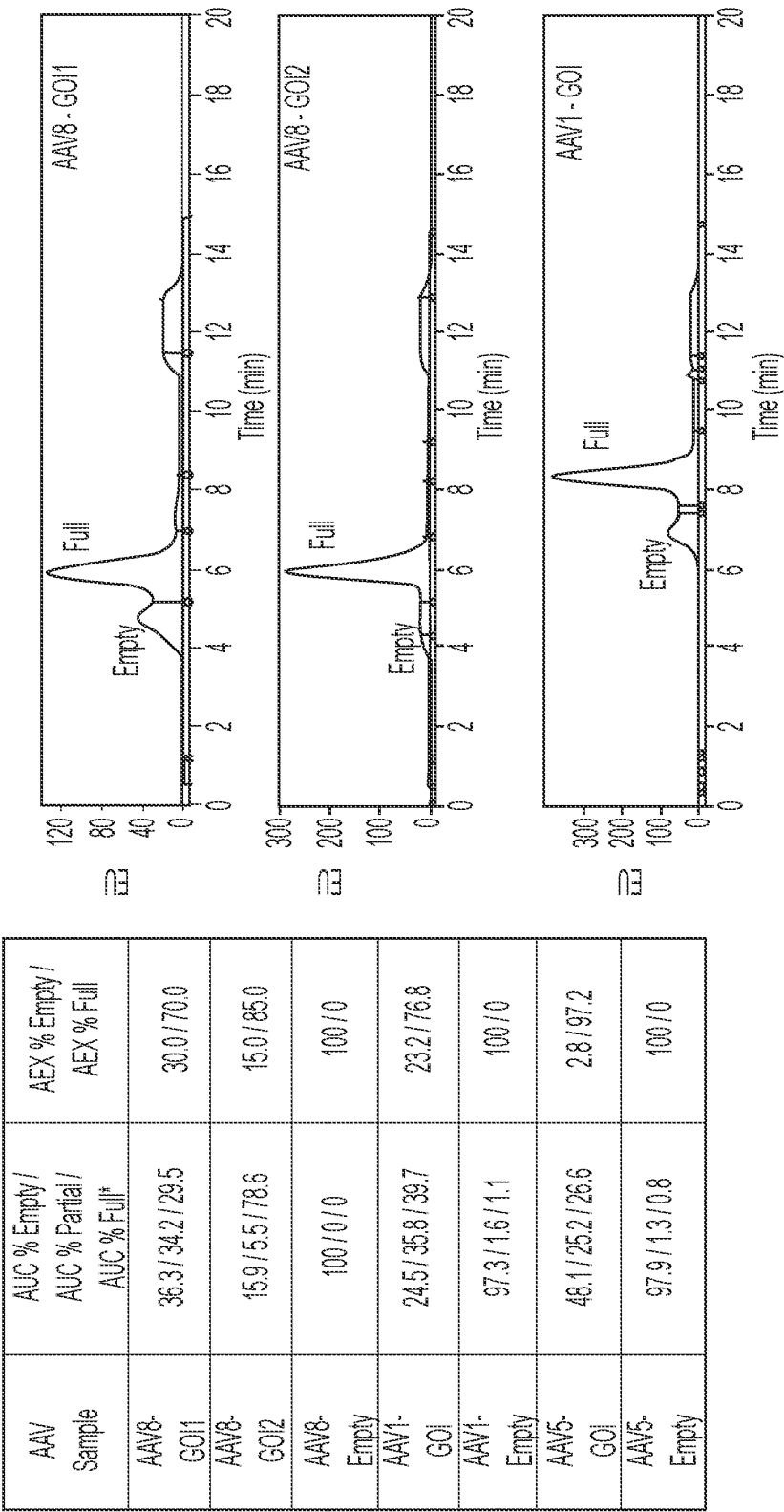


FIG. 4B



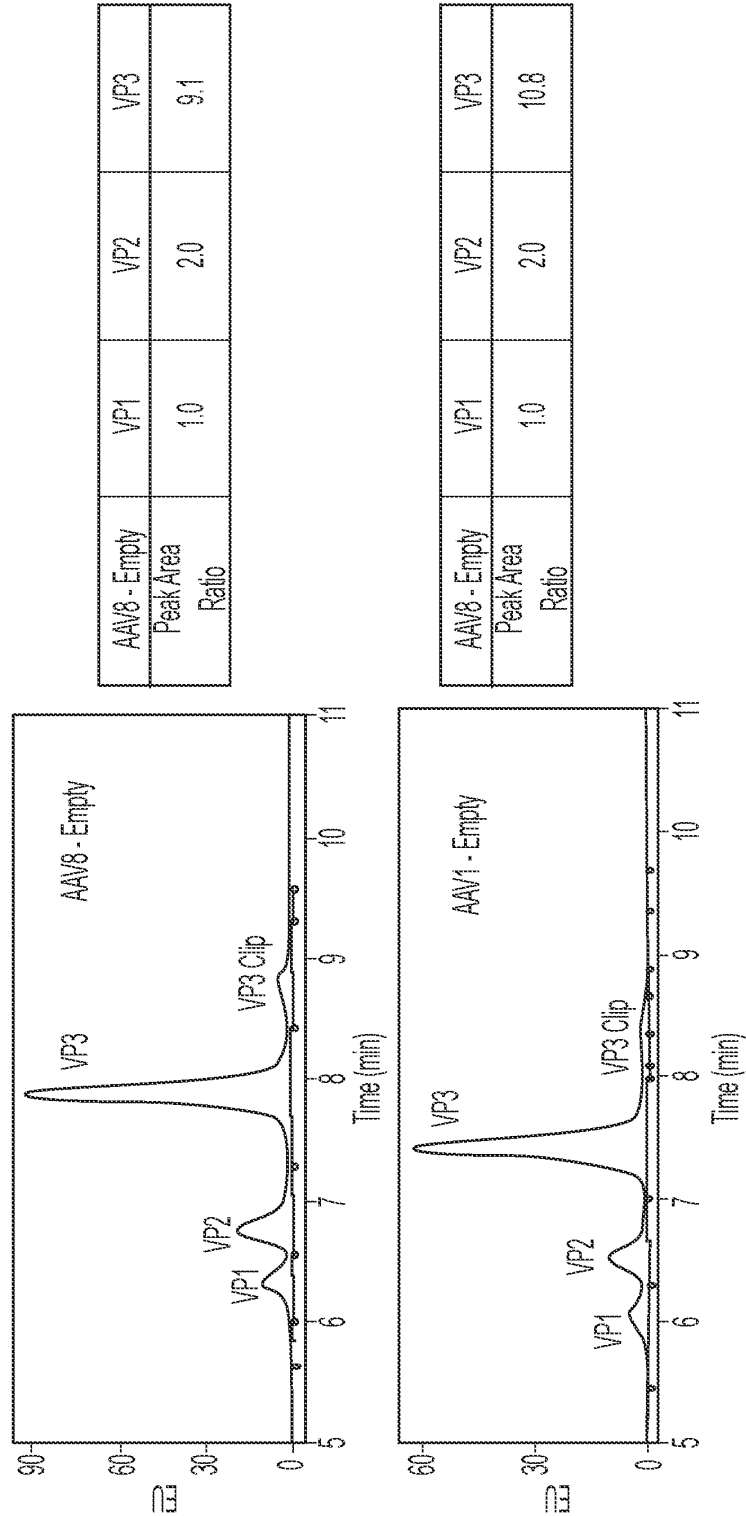


FIG. 6

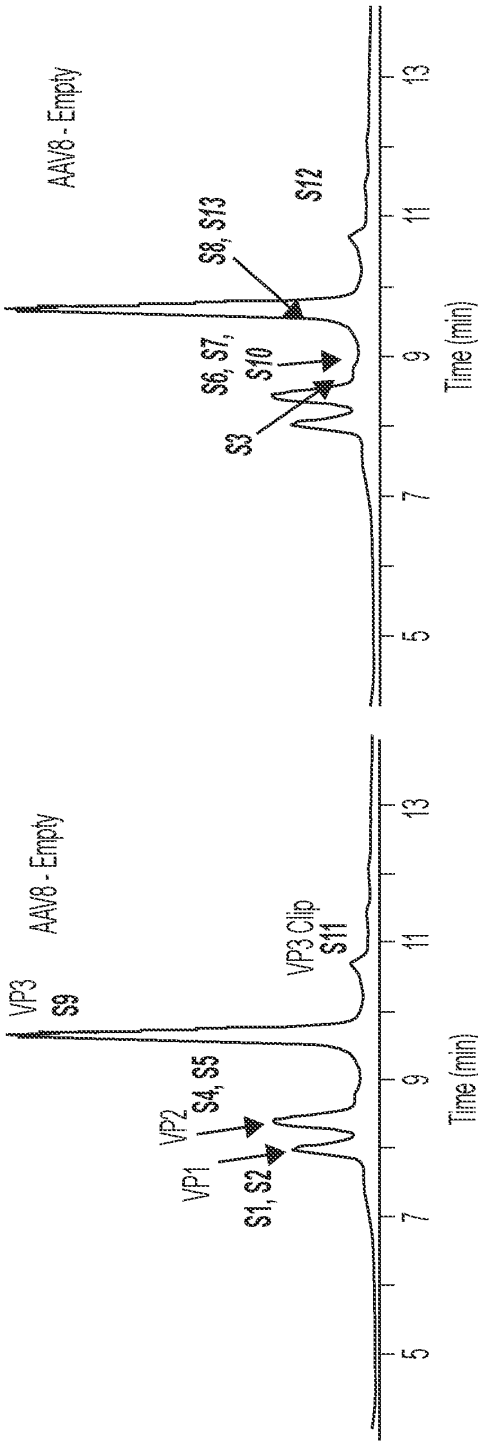


FIG. 7B

FIG. 7A

AAV8

Species #	Identity	Sequence	Observed Mass	Theoretical Mass
1	(Ac)VP1	2(Ac)-738	81667	81667
2	(Ac)VP1 + P	2(Ac)-738	81746	81747
3	(Ac)VP1 Clip (DP)	2(Ac)-659	72456	72455
4	VP2	139-738	66519	66519
5	VP2 + P	139-738	66598	66599
6	VP2 Clip (DP)	139-659	57307	57307
7	VP2 Clip + P (DP)	139-659	57386	57387
8	VP3	205-738	59762	59763
9	(Ac)VP3	205(Ac)-738	59805	59805
10	(Ac)VP3 + Ox	205(Ac)-738	59820	59821
11	(Ac)VP3 Clip (DP)	205(Ac)-659	50592	50593
12	(Ac)VP3 Clip 2 (DG)	205(Ac)-624	47333	47333
13	Clip Fragment (DP)	187-738	61562	61562

FIG. 7C

AAV1

Species #	Identity	Sequence	Observed Mass (Da)	Theoretical Mass (Da)
1	(Ac)VP1	2(Ac)-736	81286	81286
2	(Ac)VP1 + Ox	2(Ac)-736	81302	81302
3	(Ac)VP1 + P	2(Ac)-736	81365	81365
4	VP2	139-736	66093	66093
5	VP2 + Ox	139-736	66110	66109
6	VP2 + P	139-736	66173	66173
7	VP2 Clip (DP)	139-659	49846	49846
8	VP2 Clip + P (DP)	139-659	49926	49926
9	(Ac)VP3	204(Ac)-736	59516	59517
10	(Ac)VP3 + OX	204(Ac)-736	59532	59533
11	(Ac)VP3 Clip 2 (DG)	204(Ac)-626	47197	47196
12	(Ac)VP3 Clip (DP)	204(Ac)-590	43270	43270
13	Clip Fragment (DG)	329-736	45311	45311
14	Clip Fragment (DP)	185-736	61288	61288

FIG. 7D

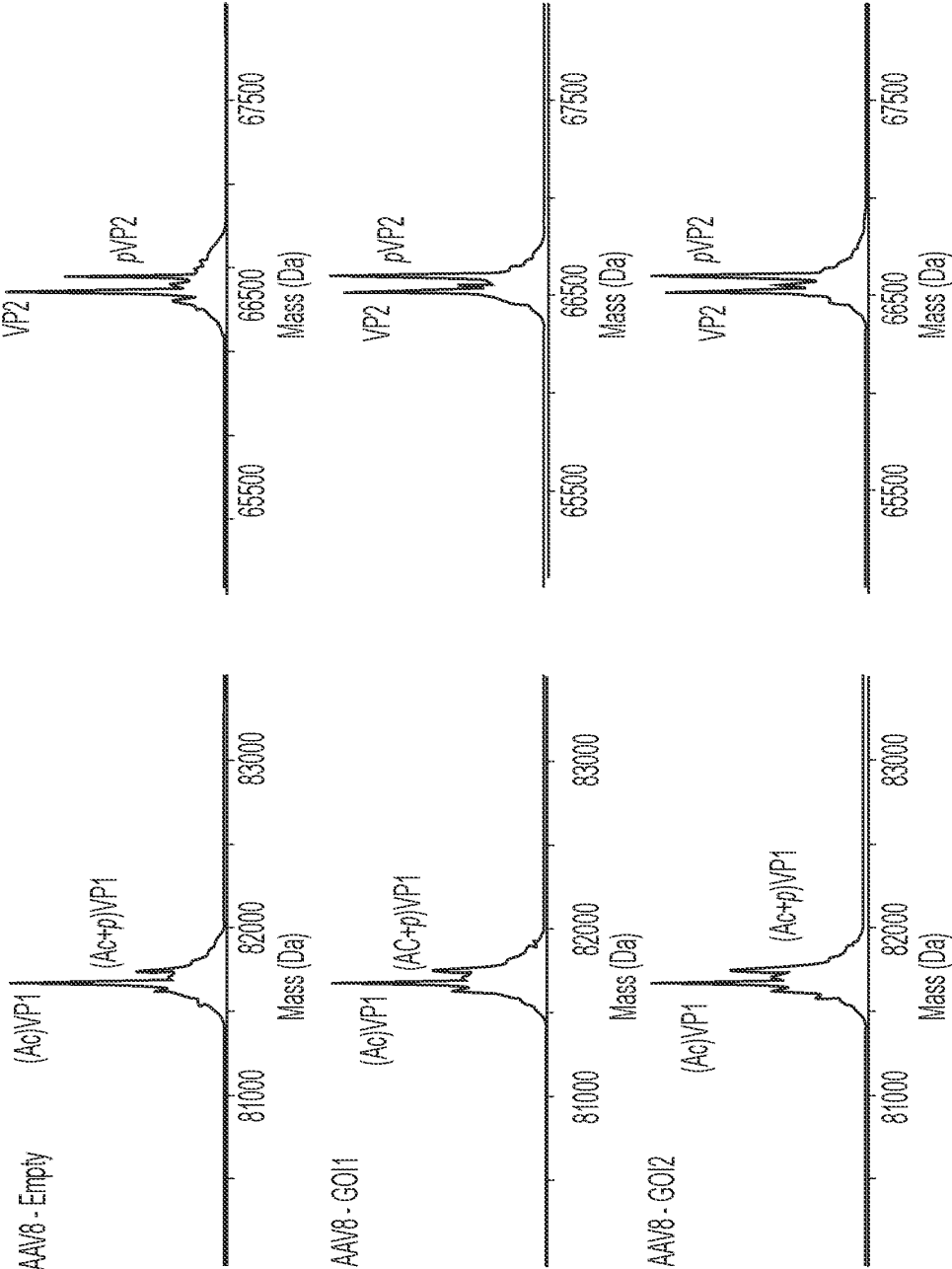


FIG. 8A

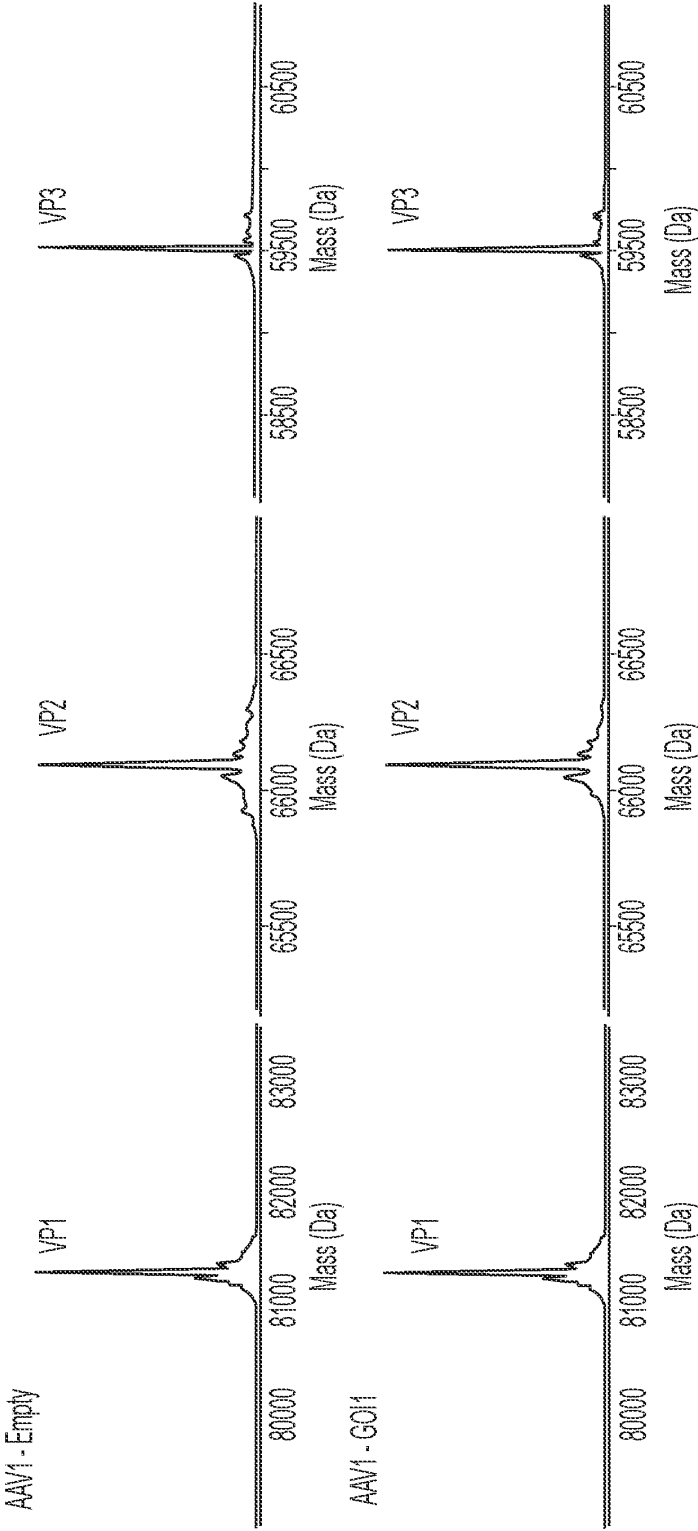


FIG. 8B