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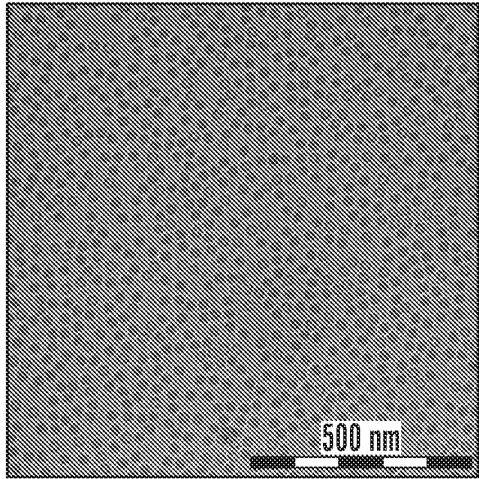
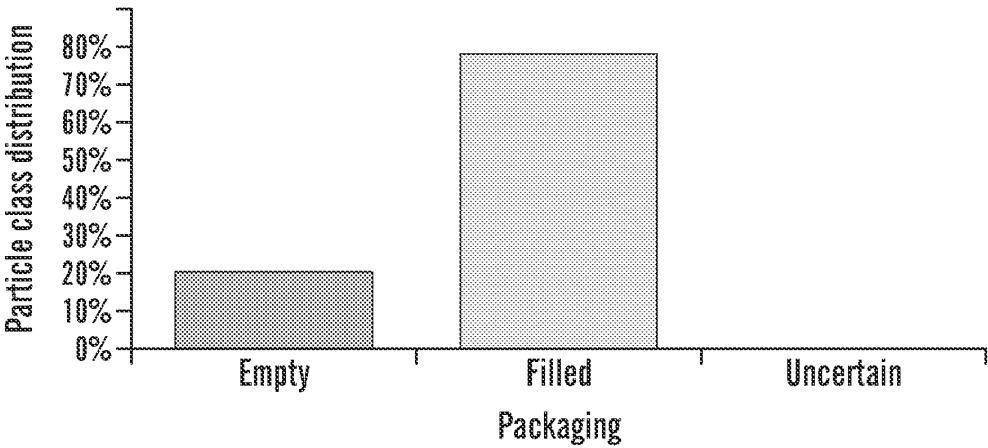


FIG. 1A



Class collection	Packaging
No. of images analyzed:	3
No. of particles:	2409
Class Empty:	21% (504)
Class Filled:	78% (1886)
Class Uncertain:	1% (19)
Confidence interval (95%) for class Empty:	19% - 23%
Confidence interval (95%) for class Filled:	77% - 80%
Confidence interval (95%) for class Uncertain:	0% - 1%

FIG. 1B

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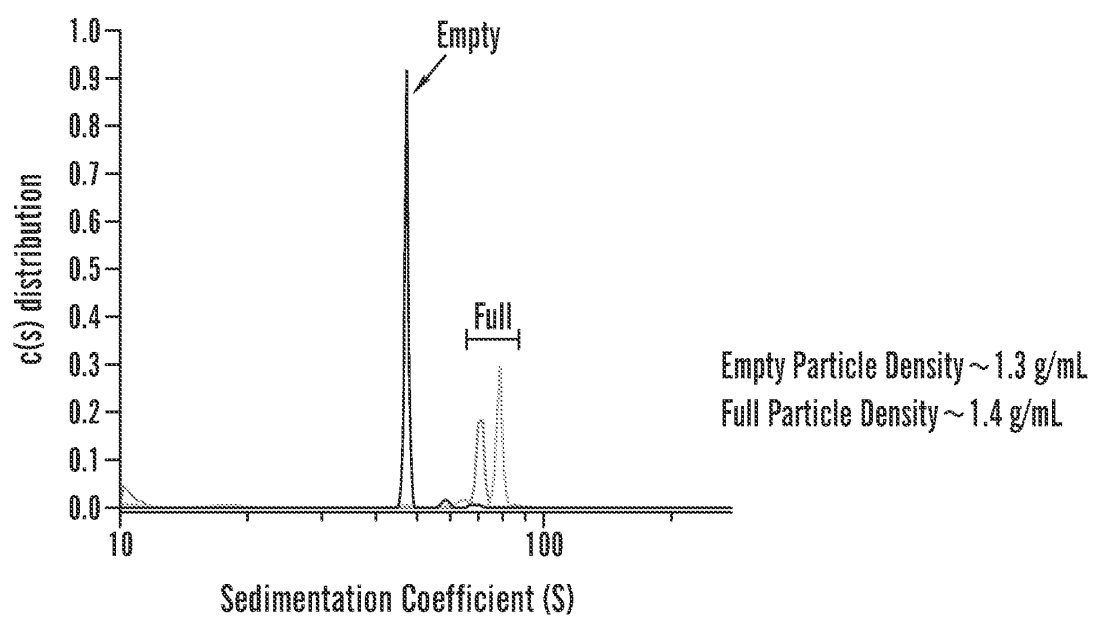
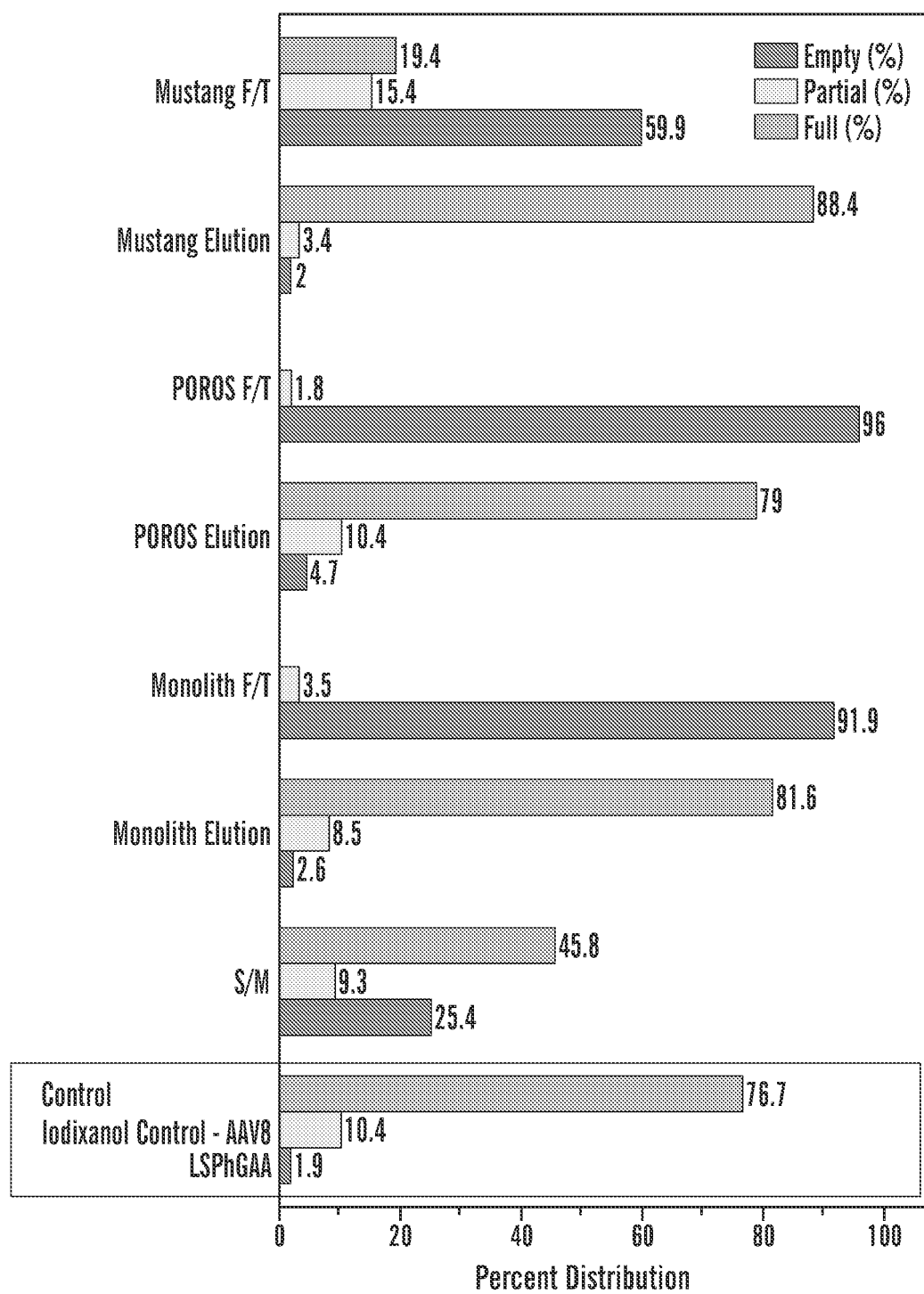
**FIG. 1C**



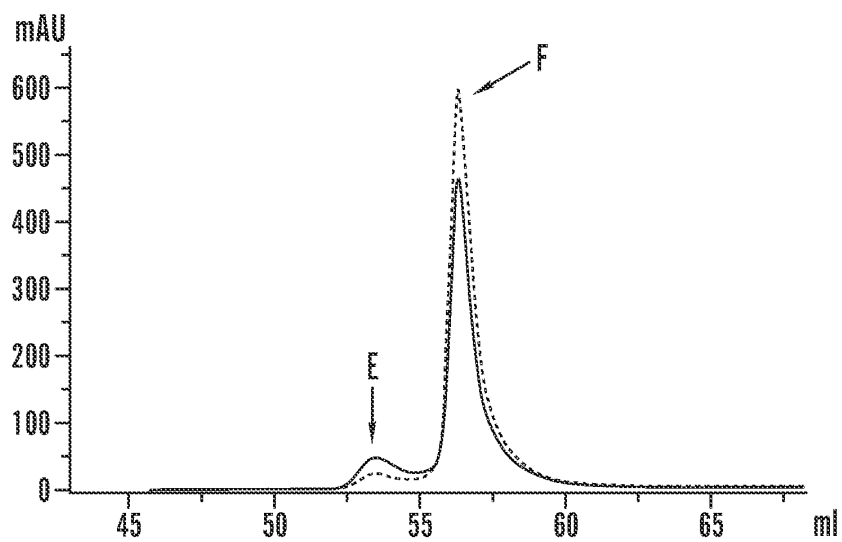
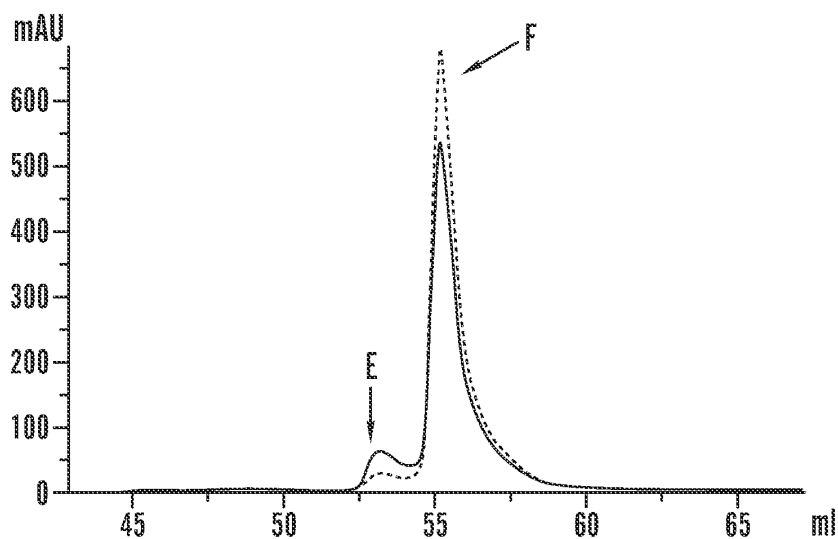
FIG. 1D

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AUC Data - 3 Modalities - Partitioning

**FIG. 2**

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**FIG. 3A****FIG. 3B**

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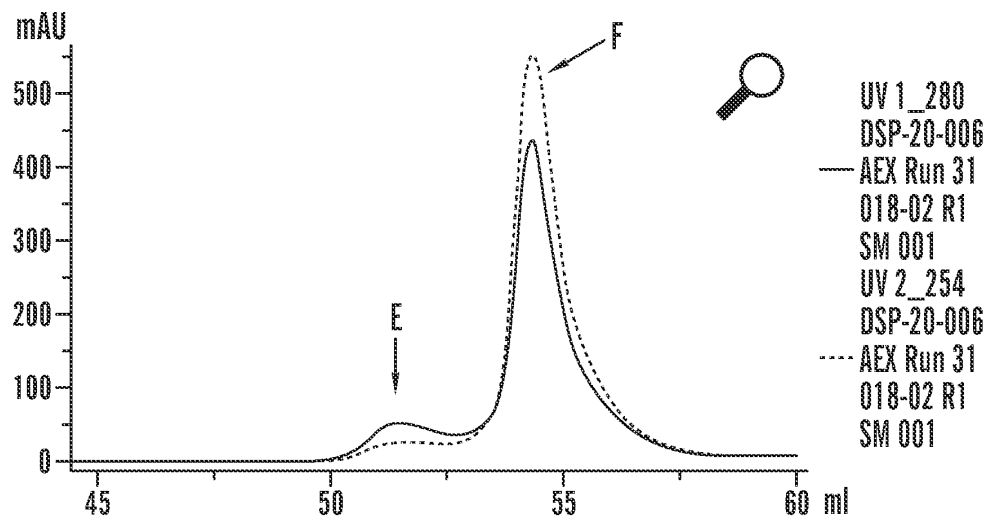


FIG. 4A

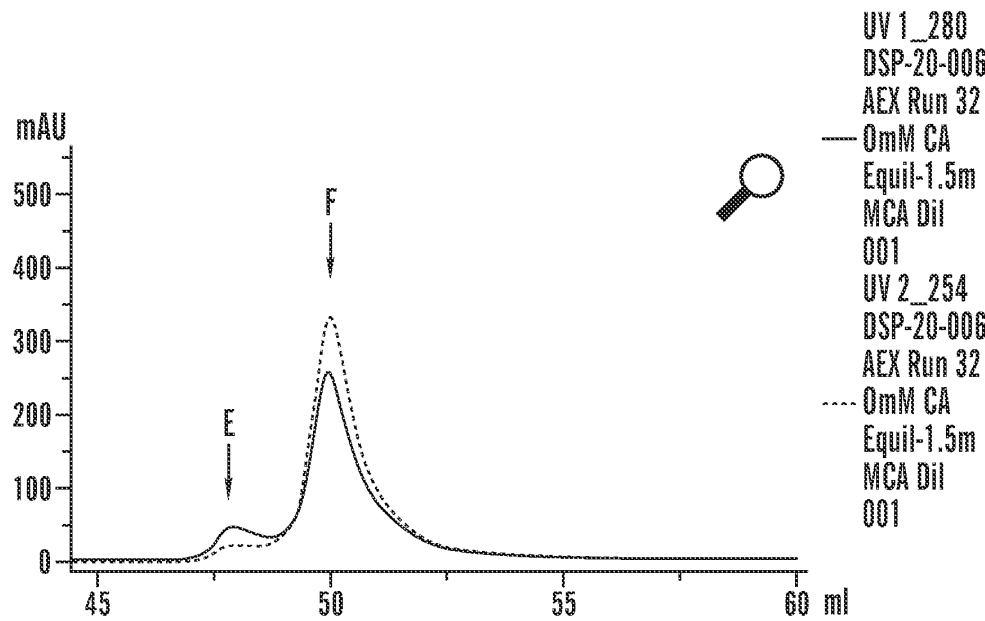
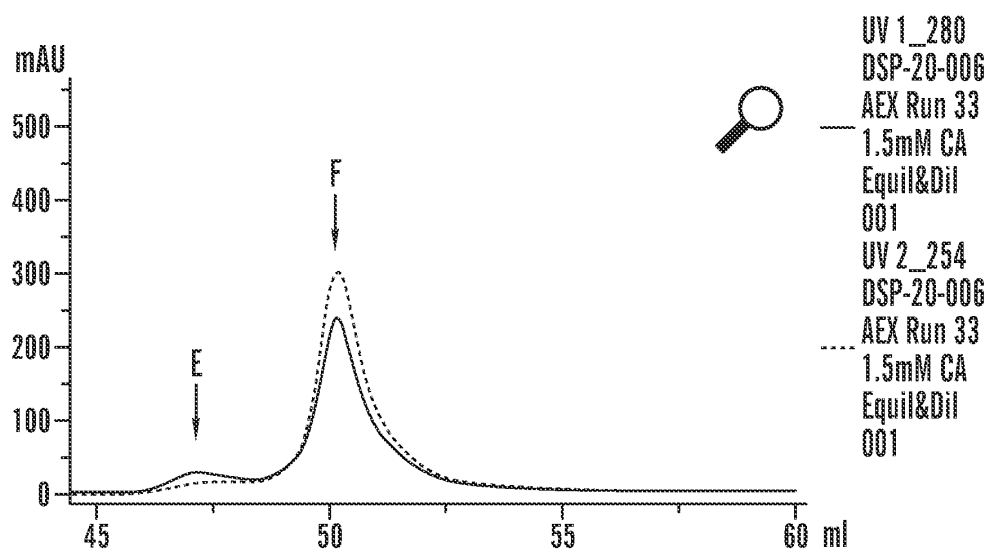
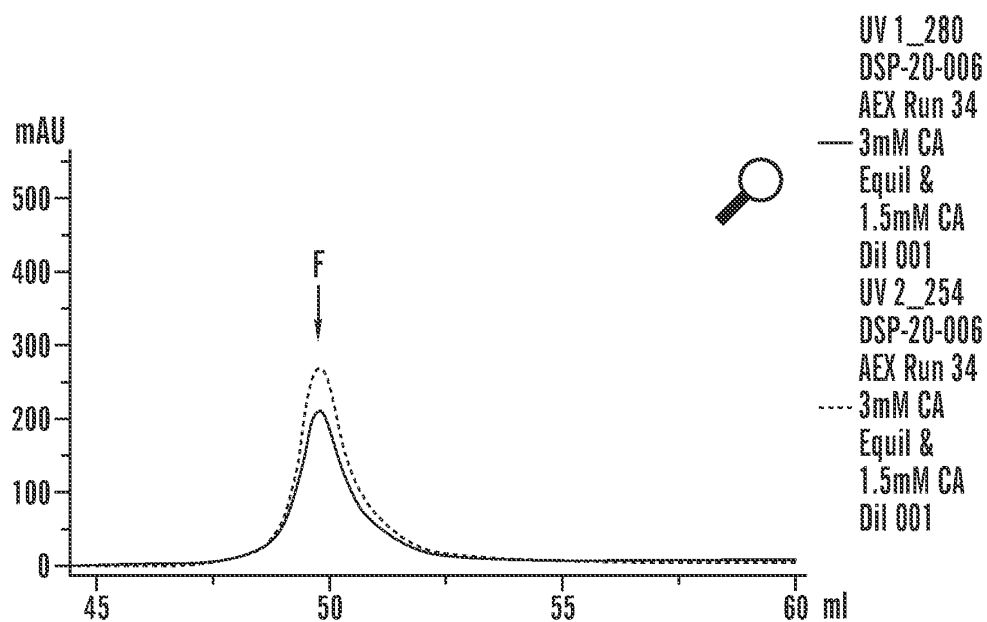


FIG. 4B

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**FIG. 4C****FIG. 4D**

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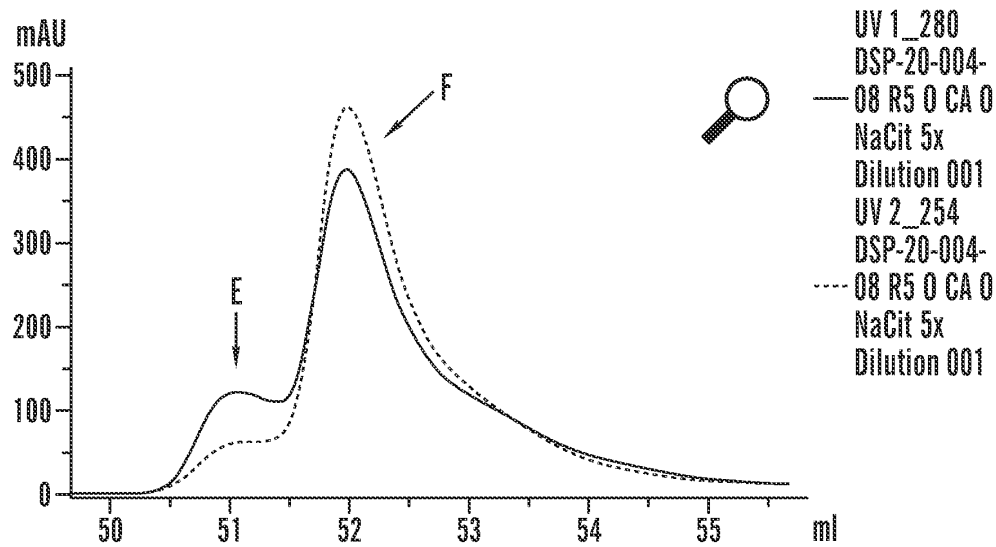


FIG. 5A

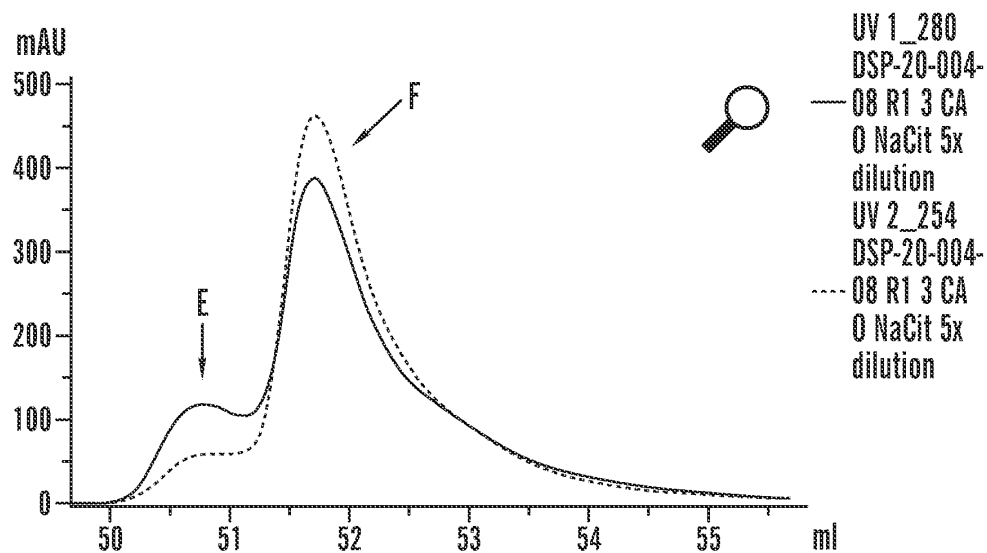


FIG. 5B

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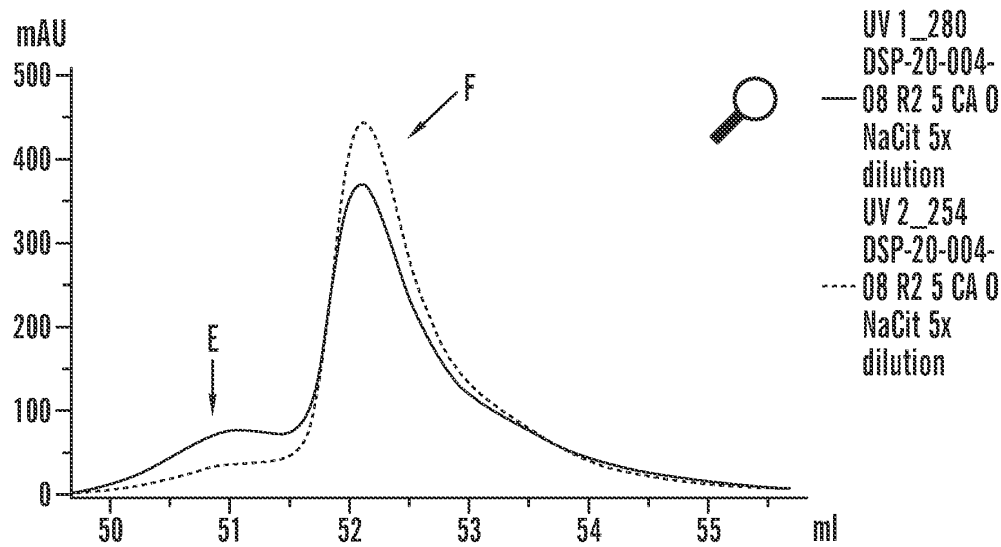


FIG. 5C

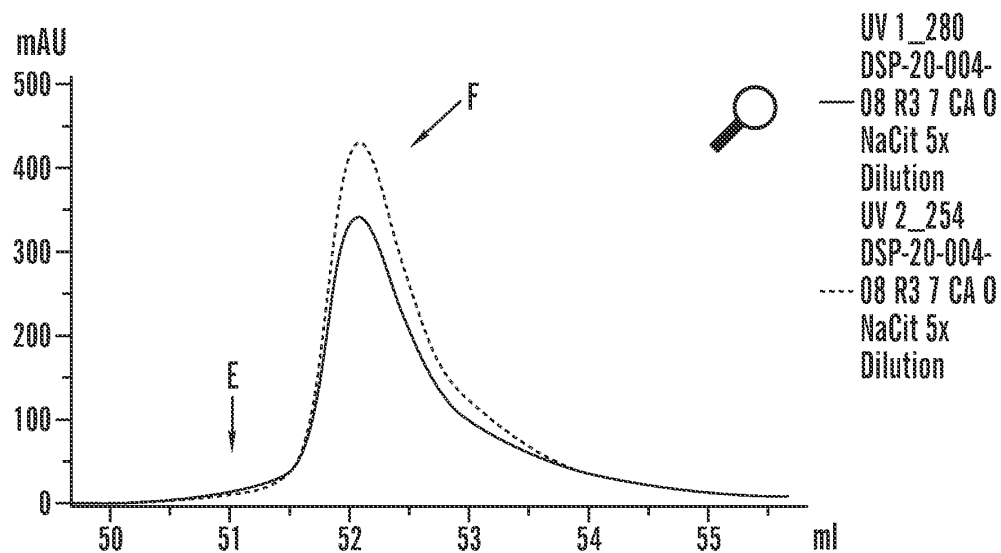


FIG. 5D

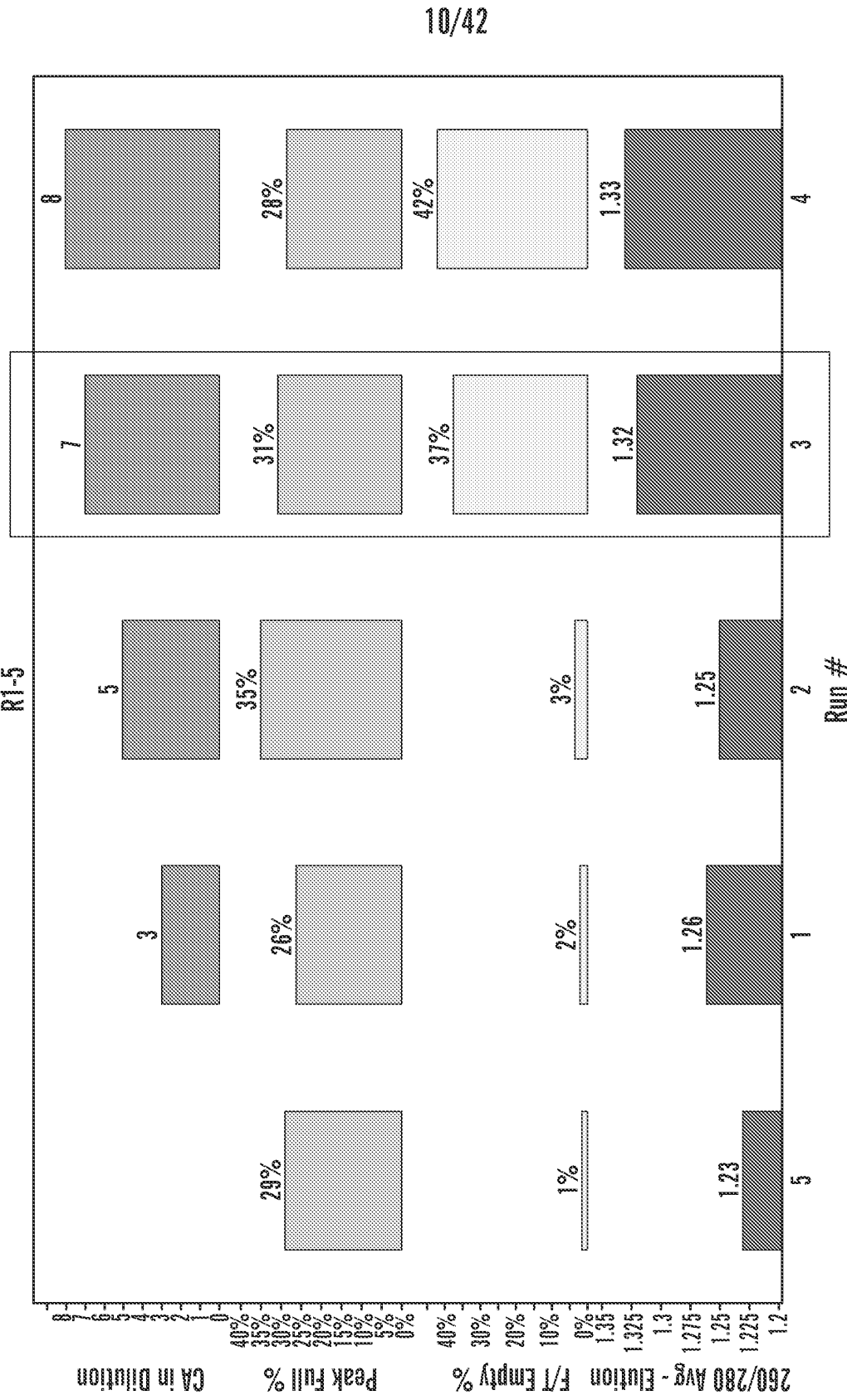


FIG. 6

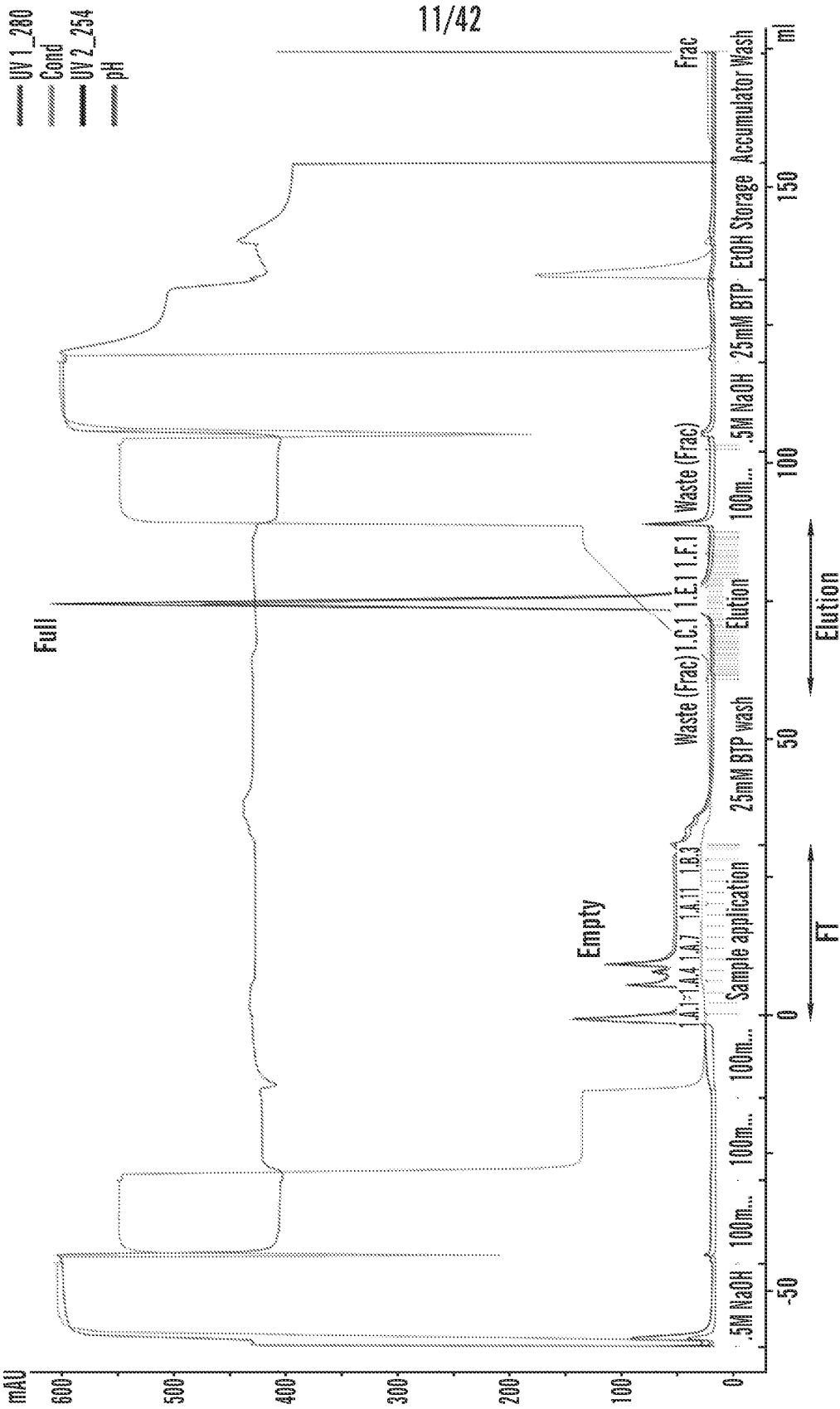
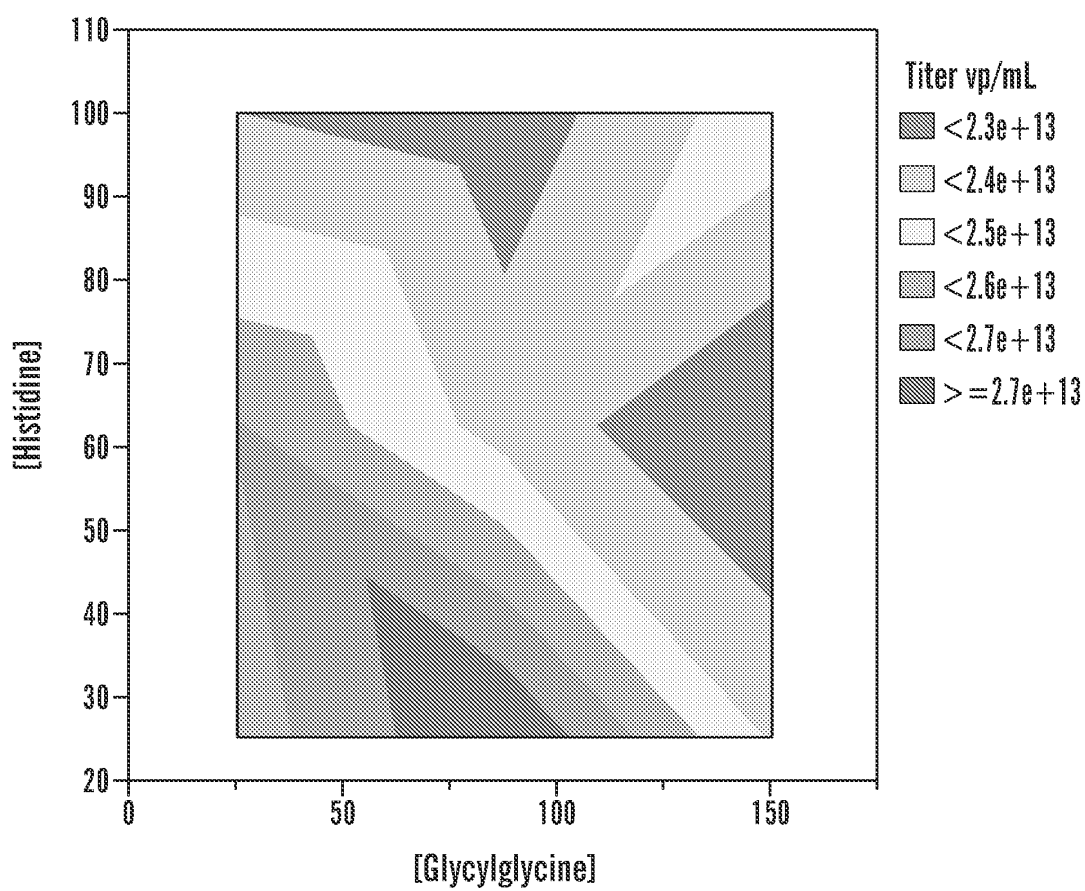


FIG. 7

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**FIG. 8**

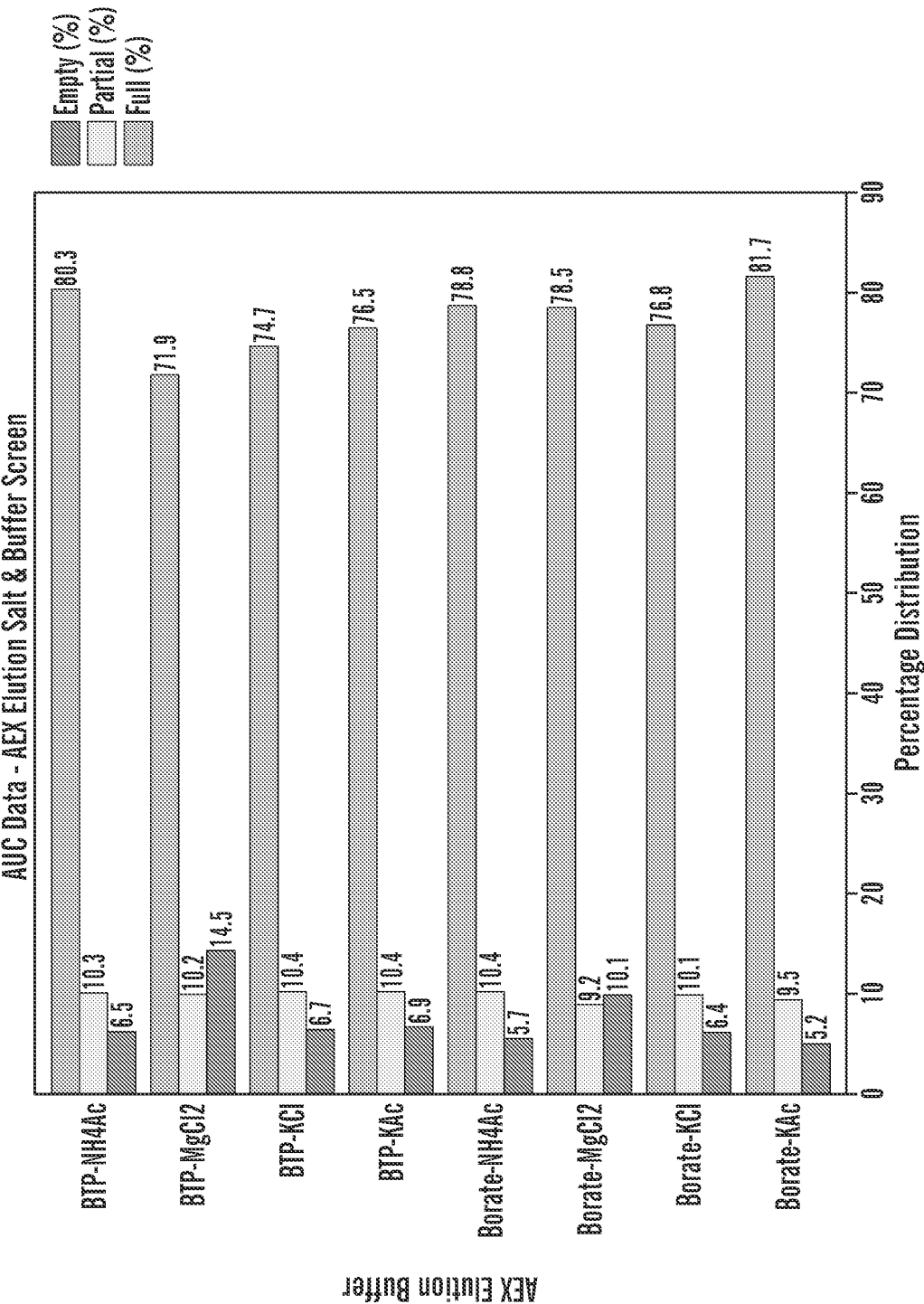


FIG. 9

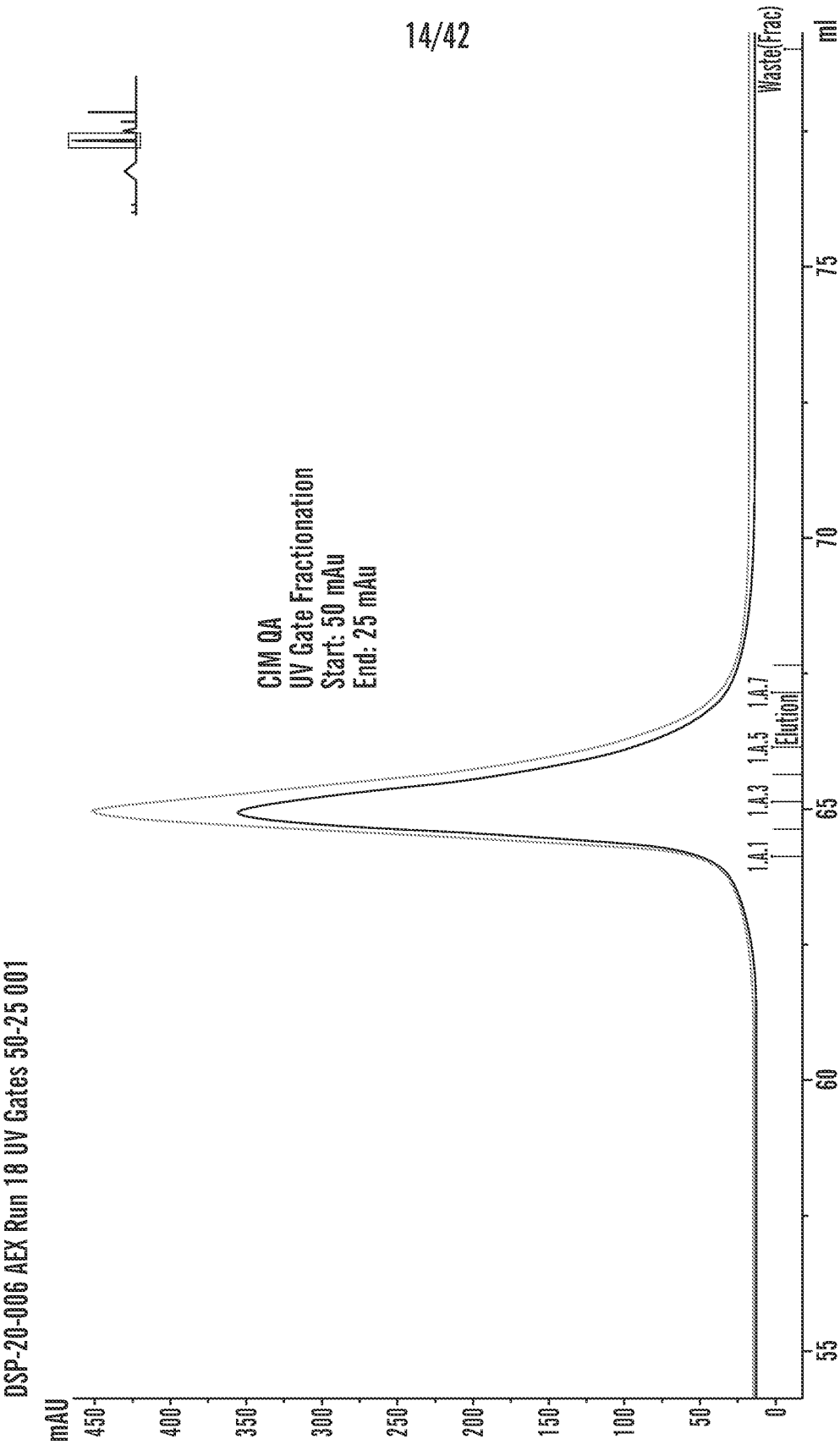


FIG. 10A

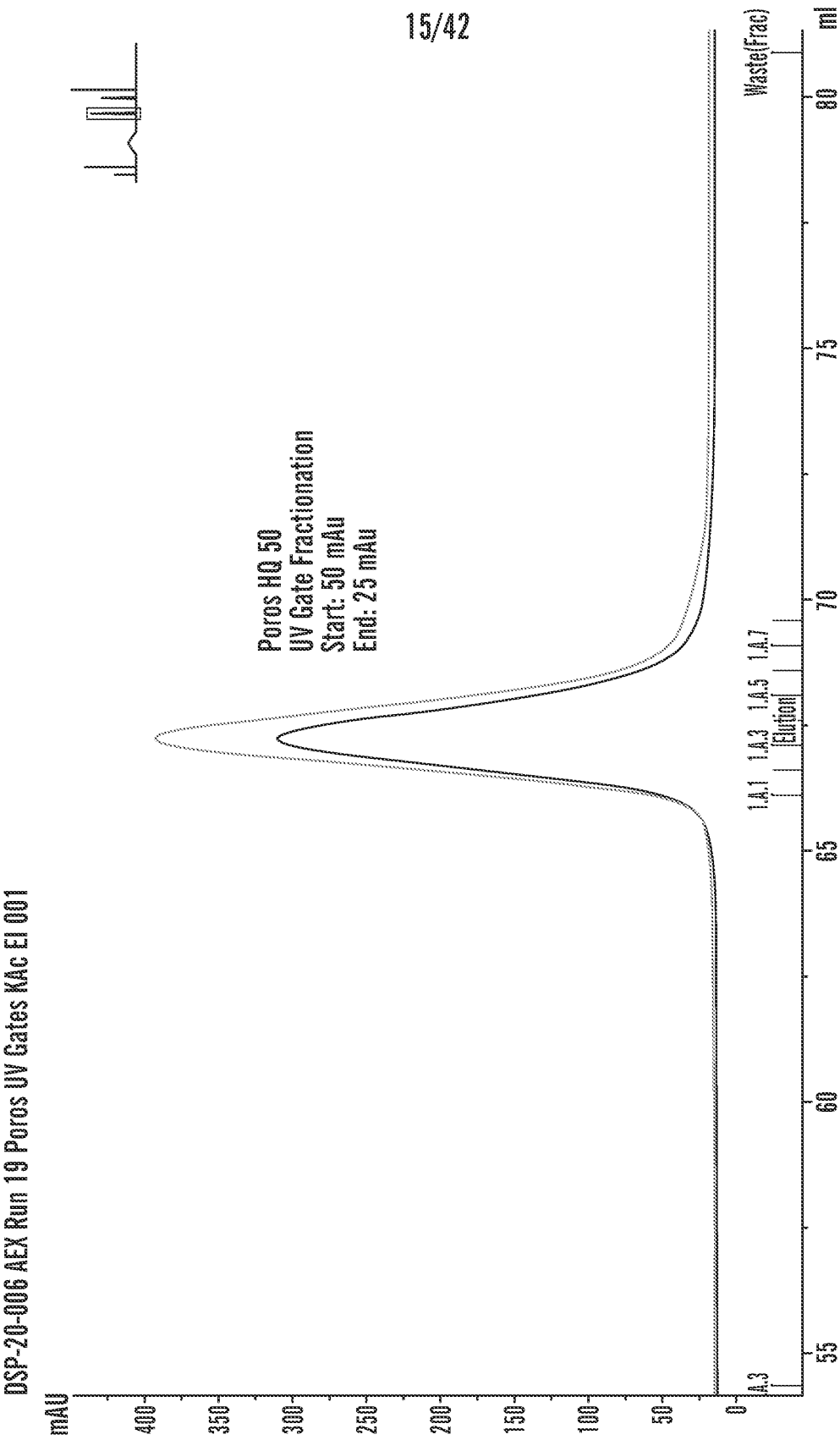


FIG. 10B

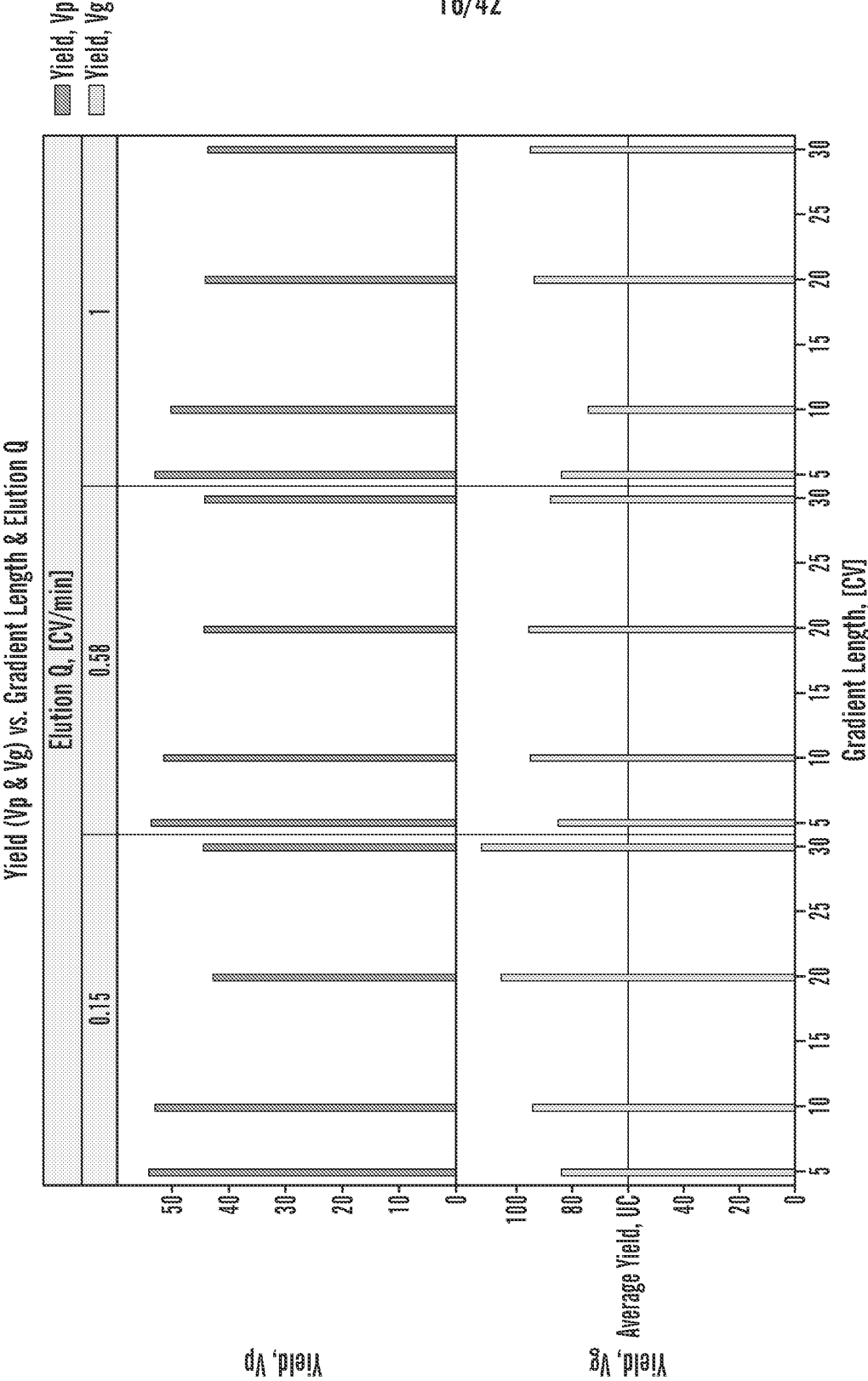
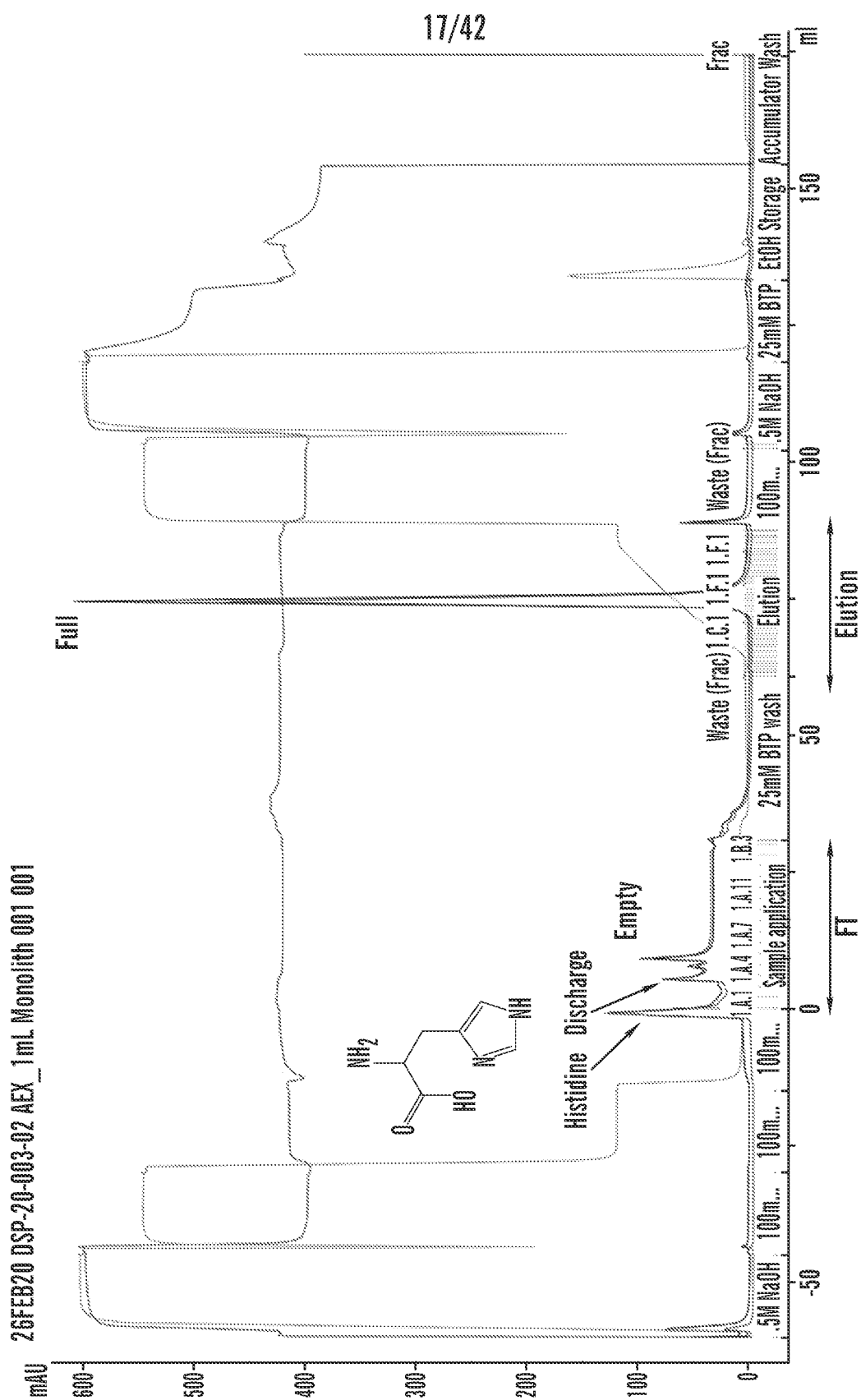


FIG. 11



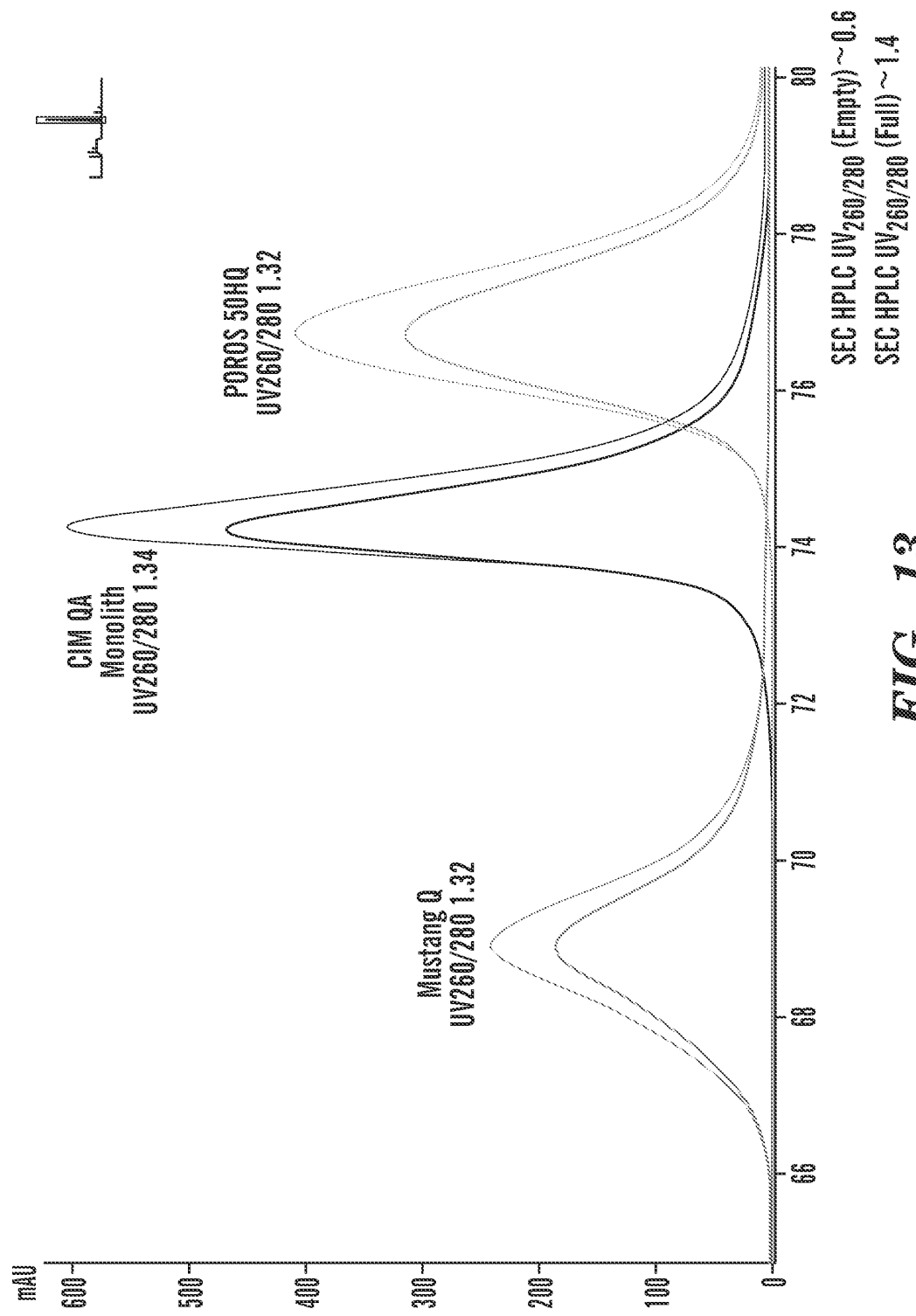


FIG. 13

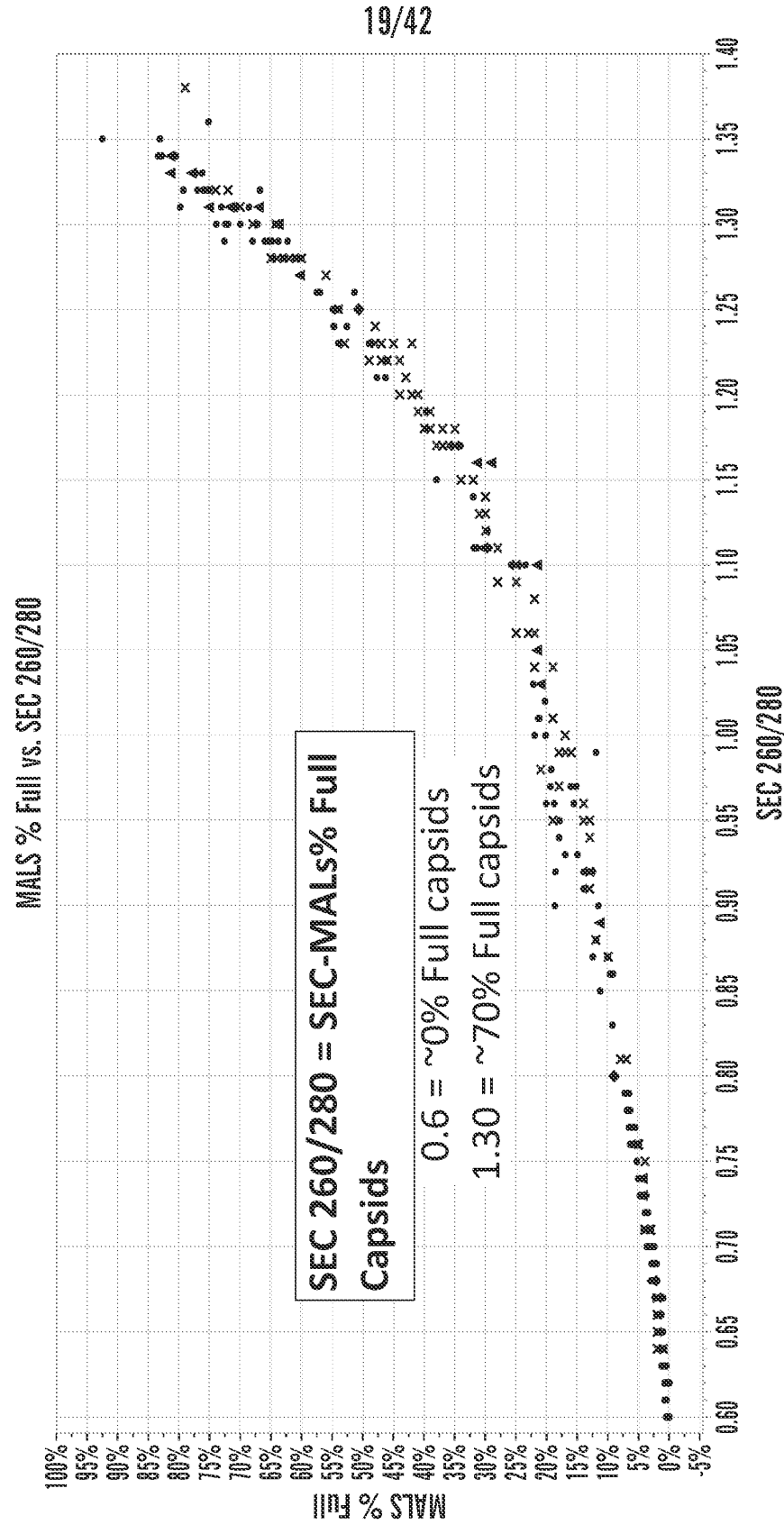
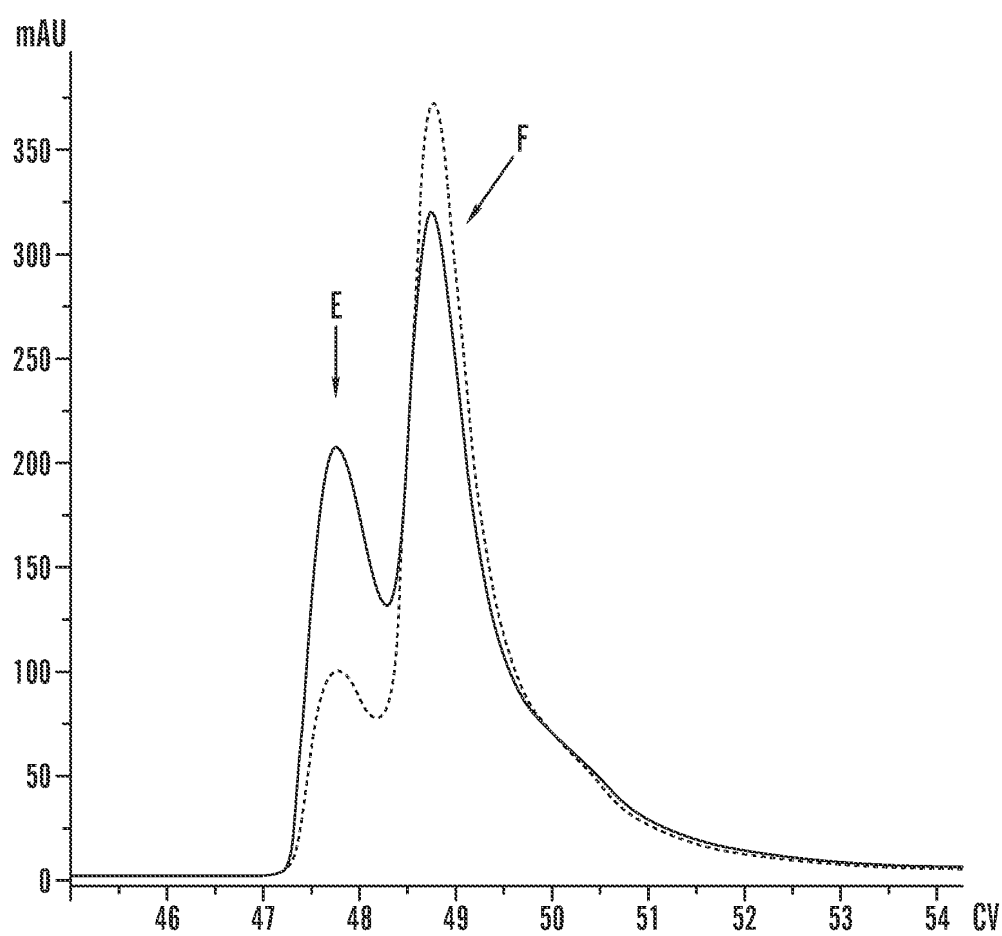
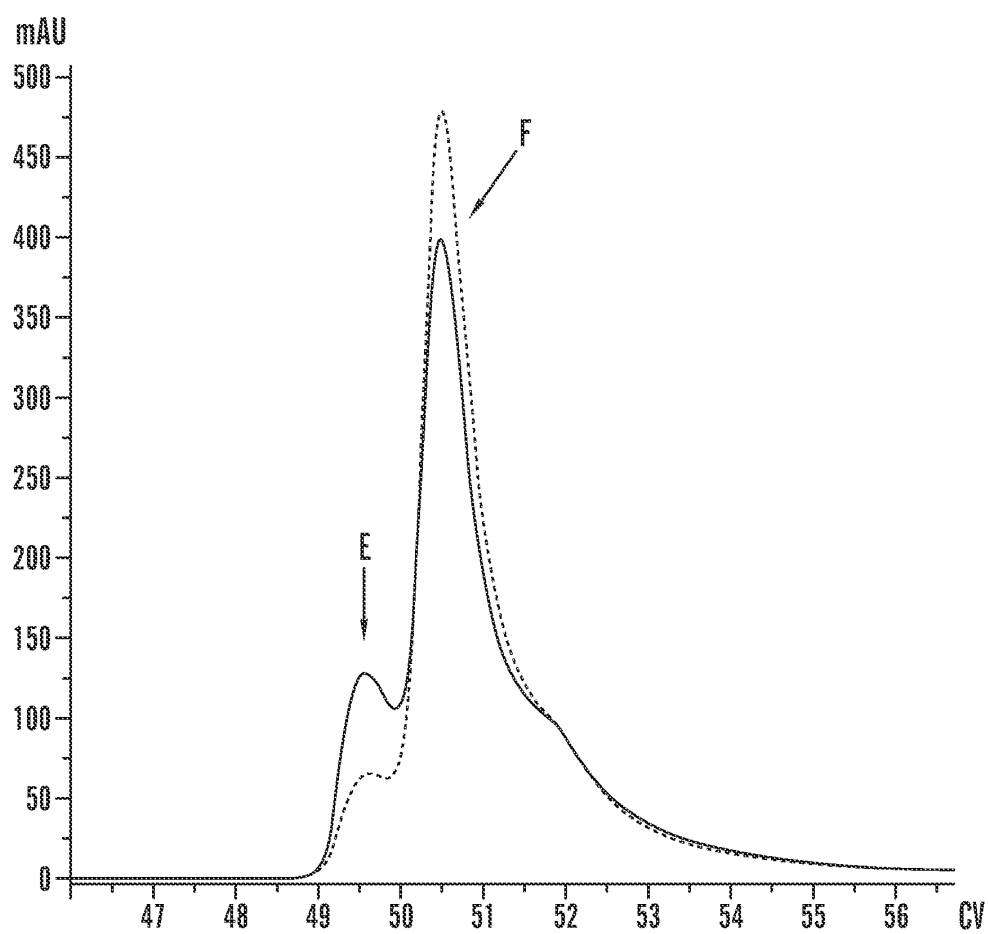


FIG. 14

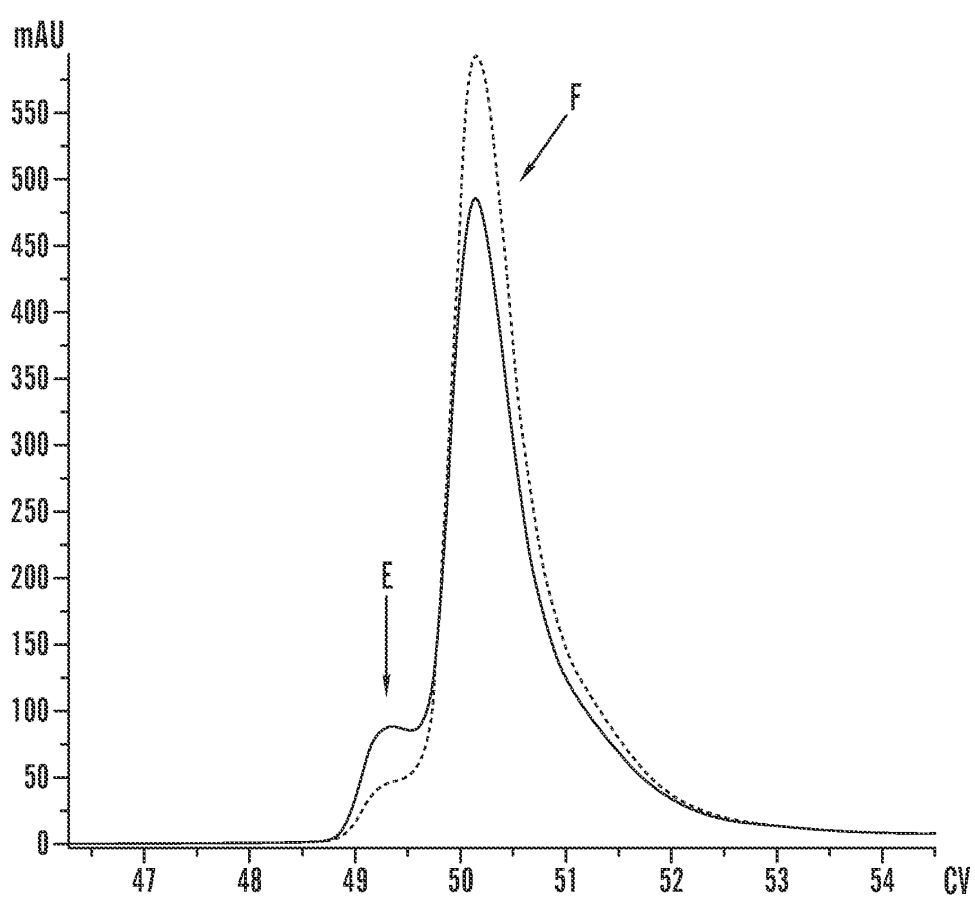
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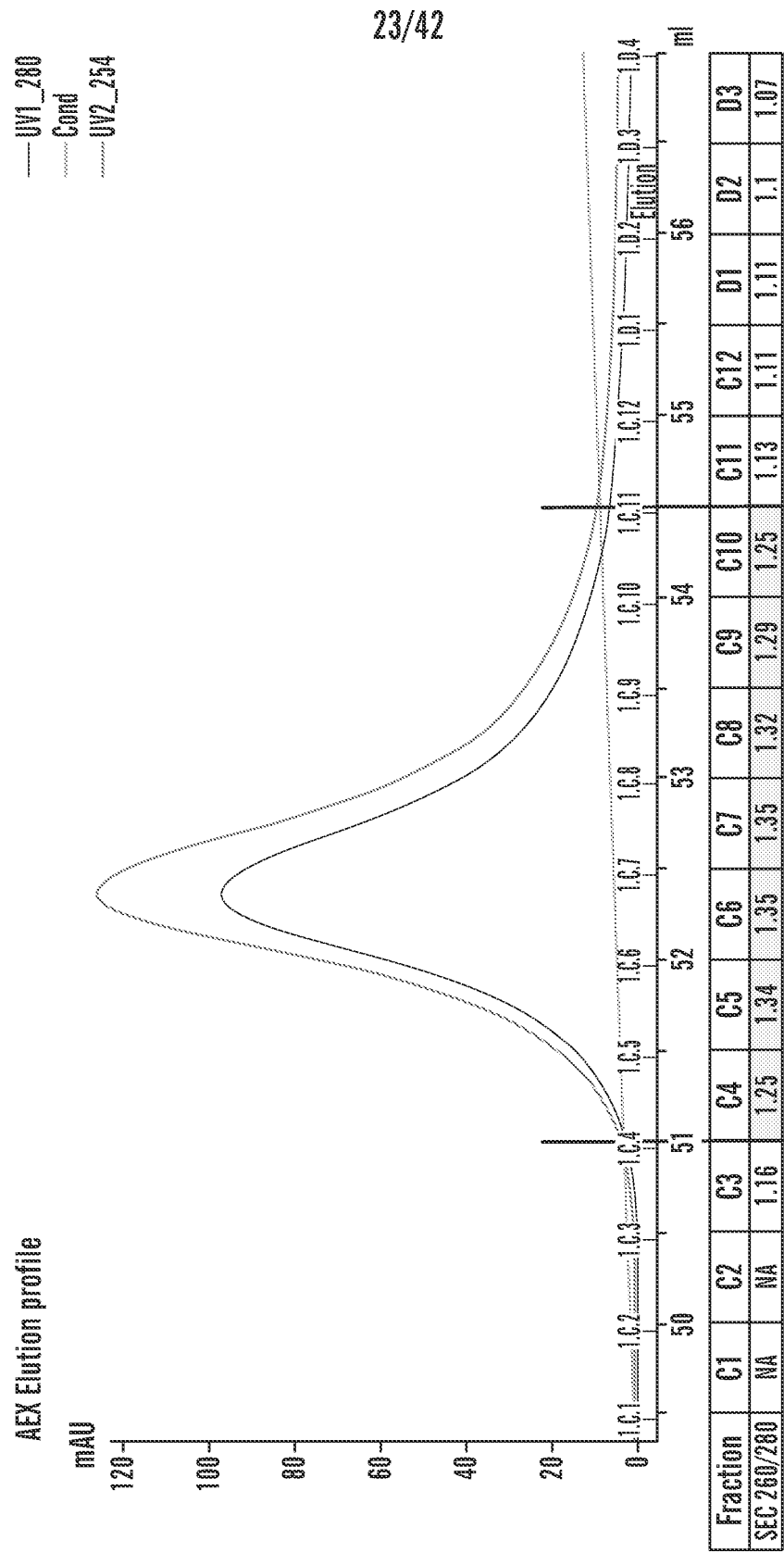
**FIG. 15A**

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**FIG. 15B**

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*FIG. 15C*



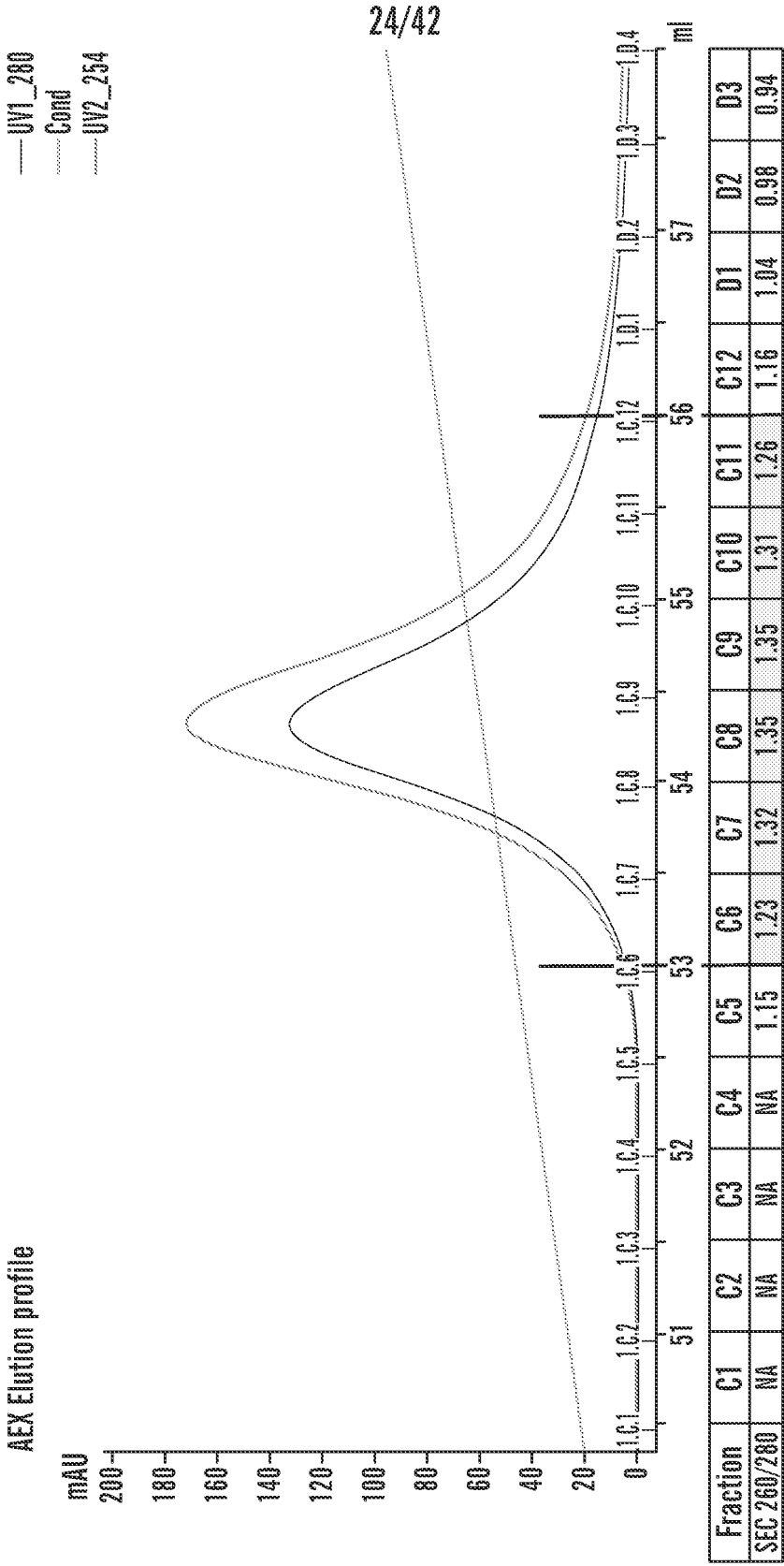
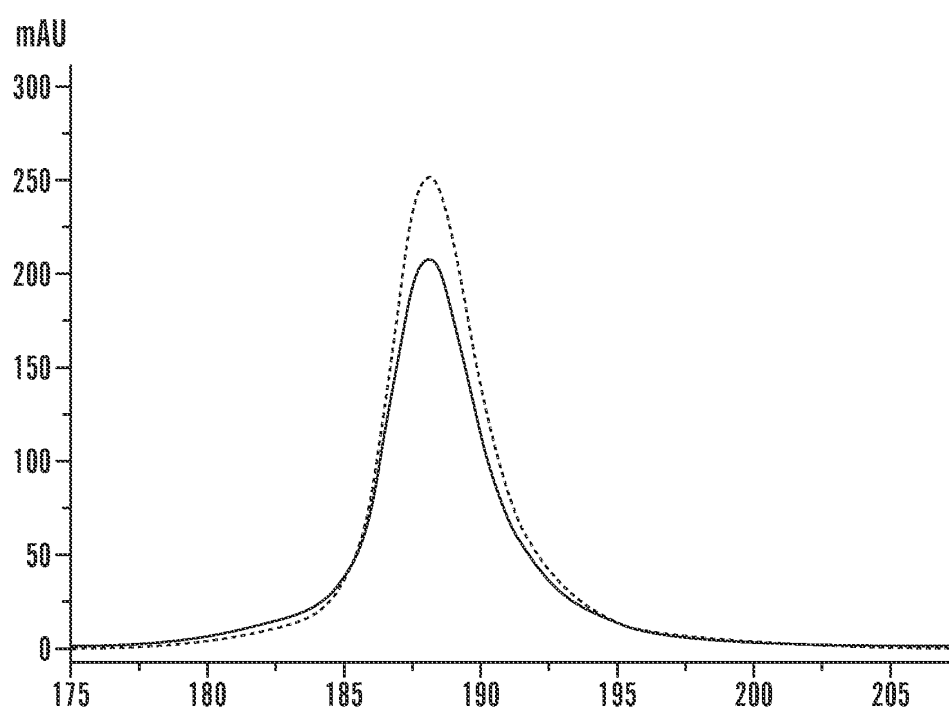
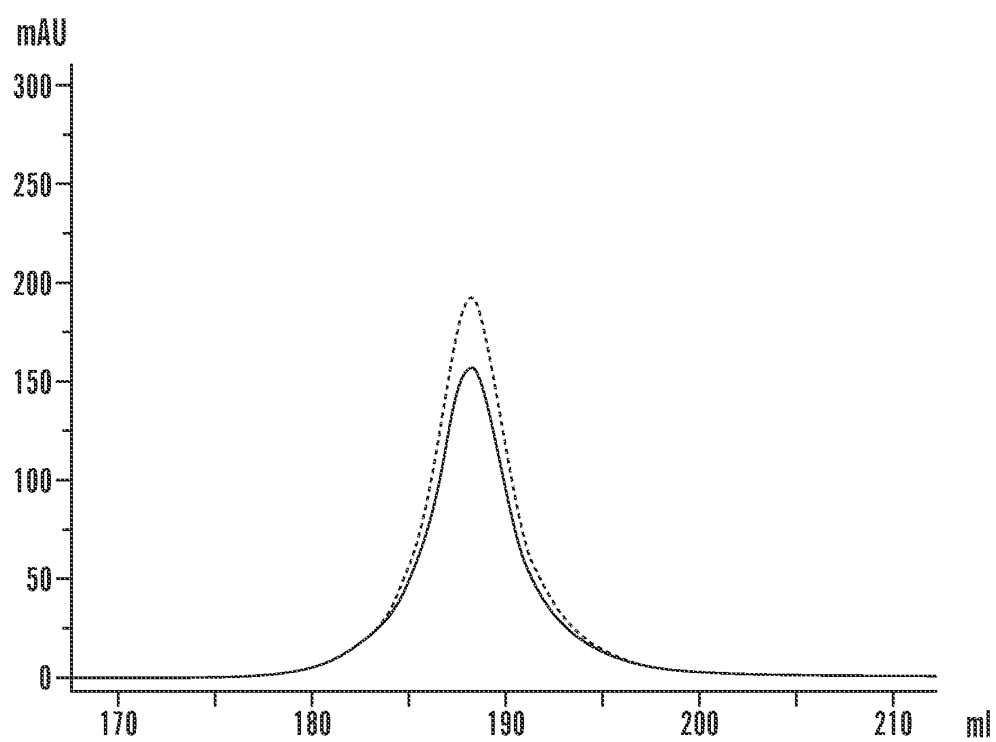


FIG. 16B

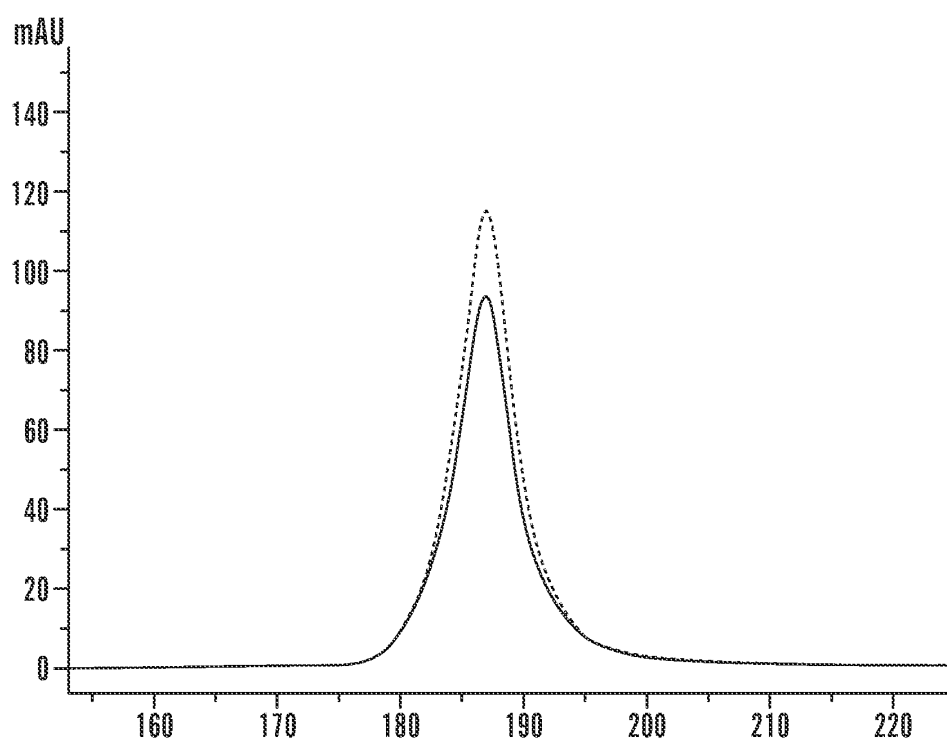
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**FIG. 17A**

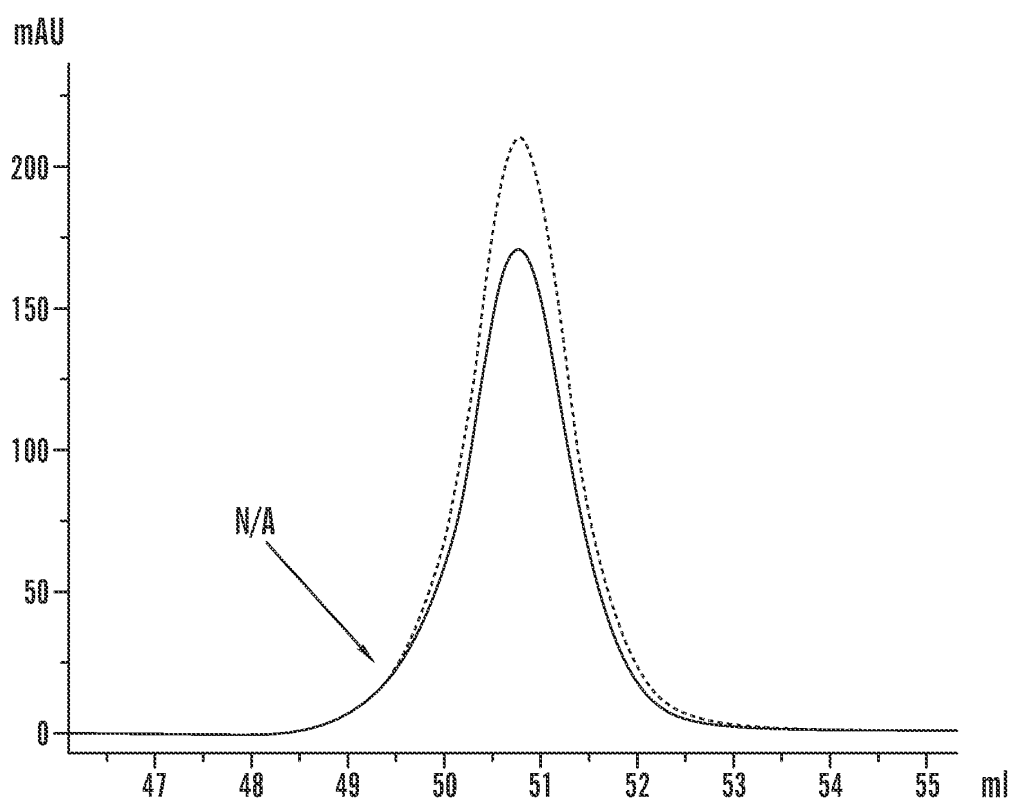
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***FIG. 17B***

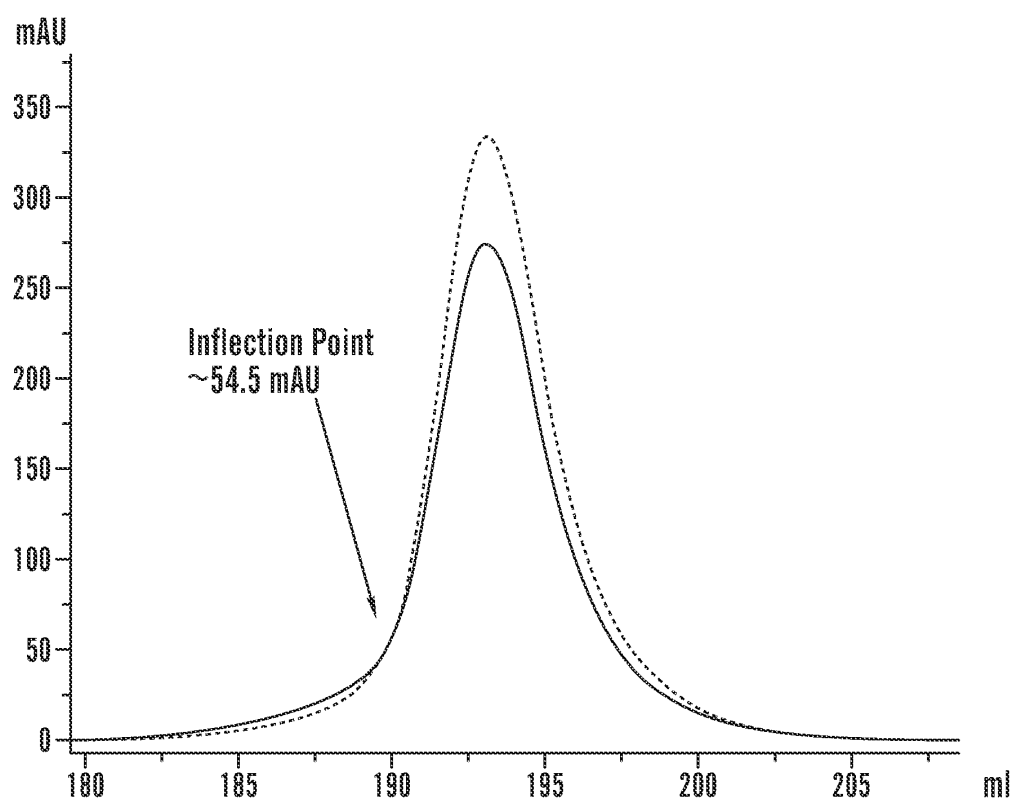
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*FIG. 17C*

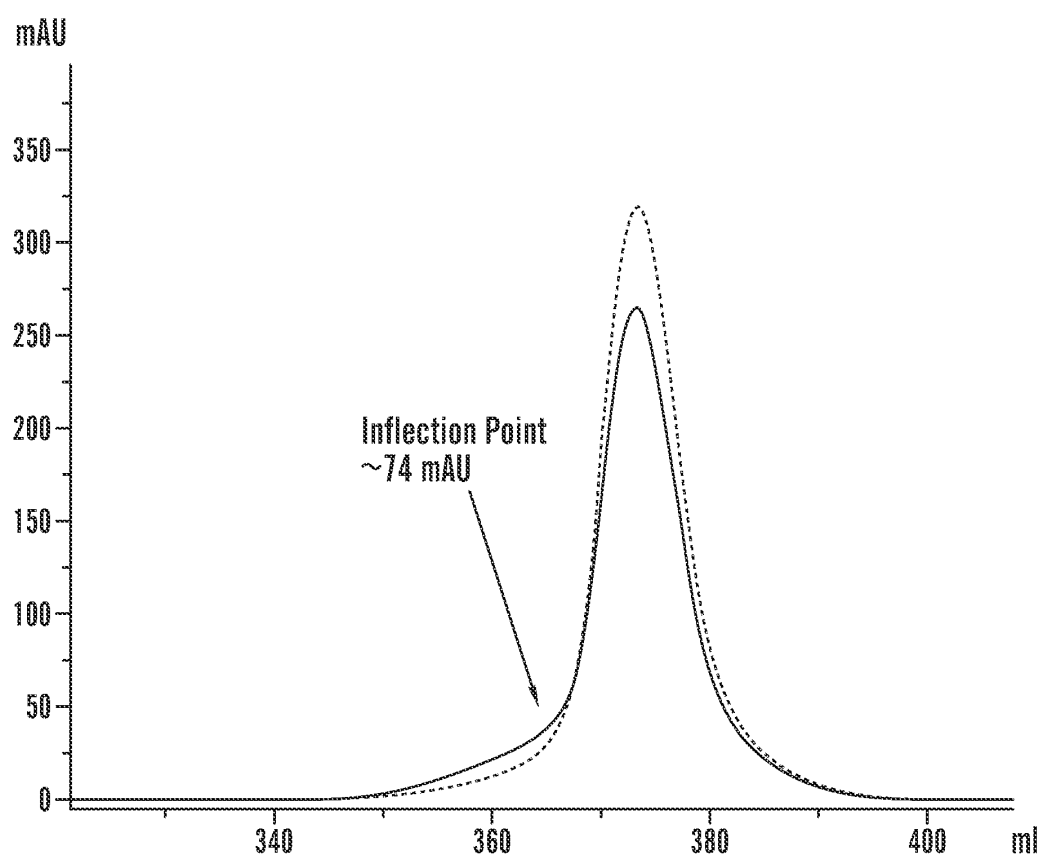
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**FIG. 18A**

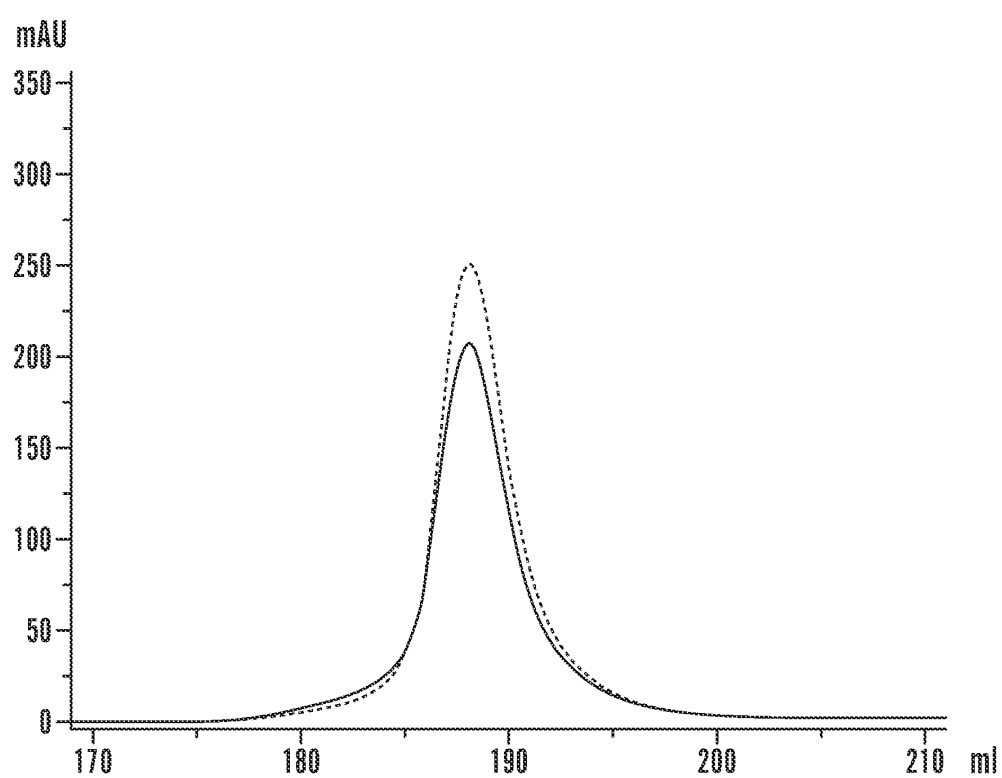
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**FIG. 18B**

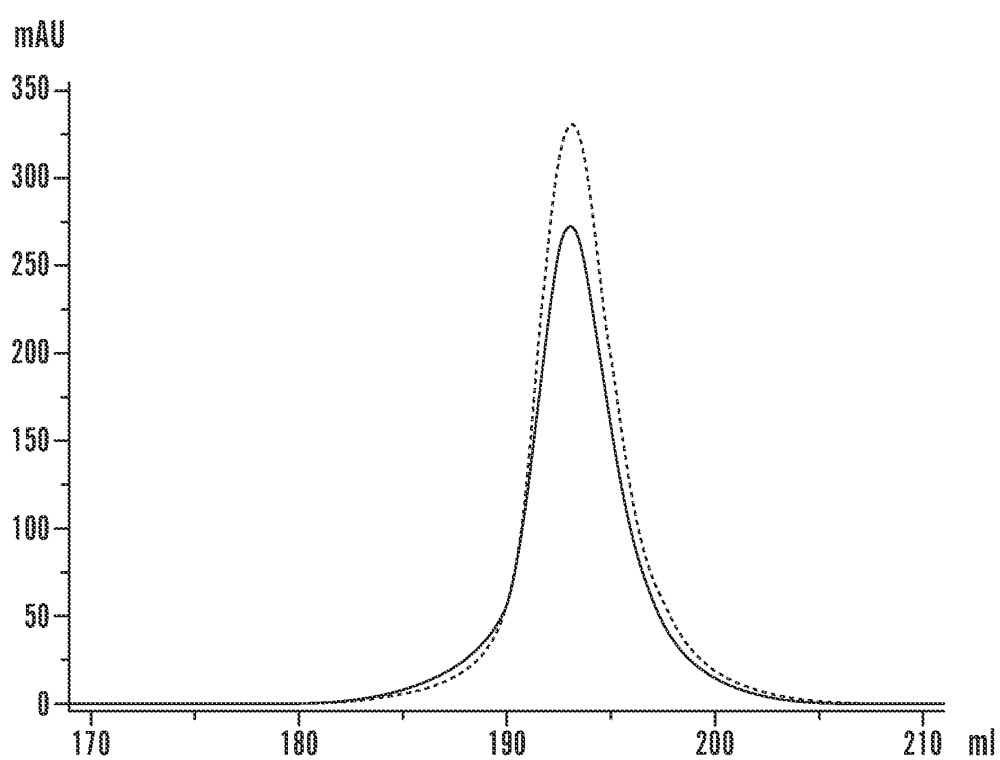
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**FIG. 18C**

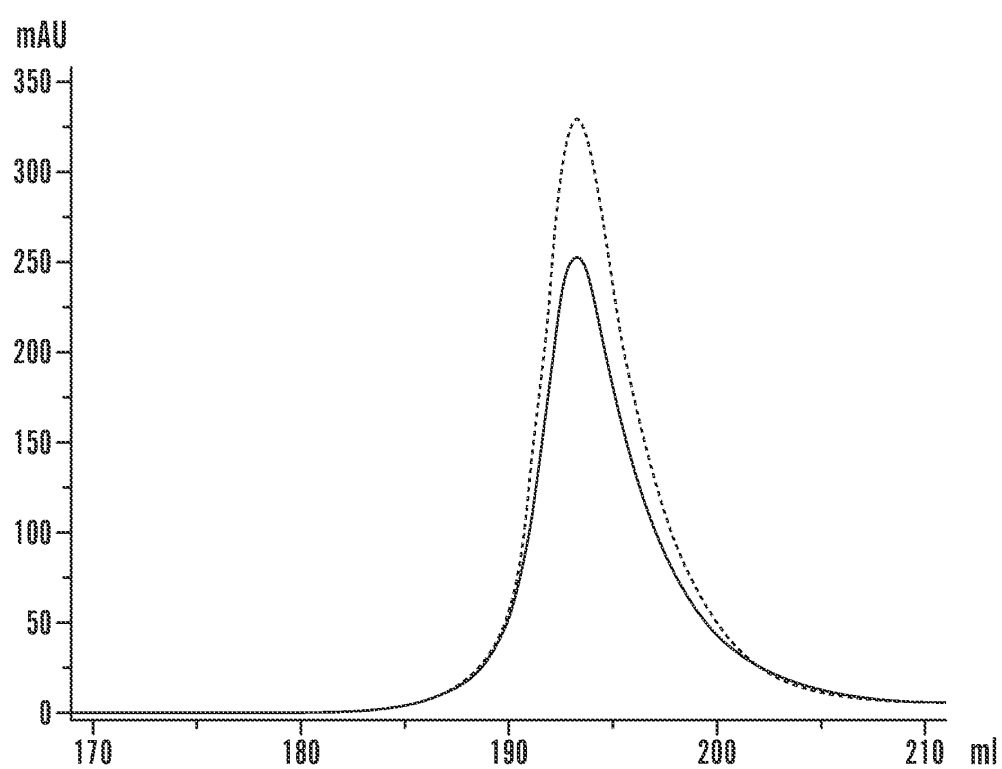
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***FIG. 19A***

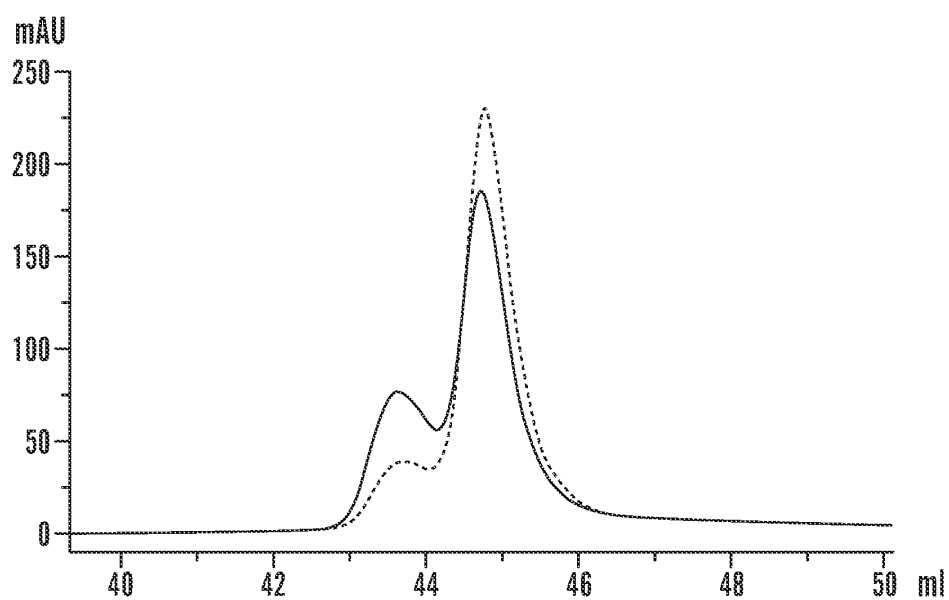
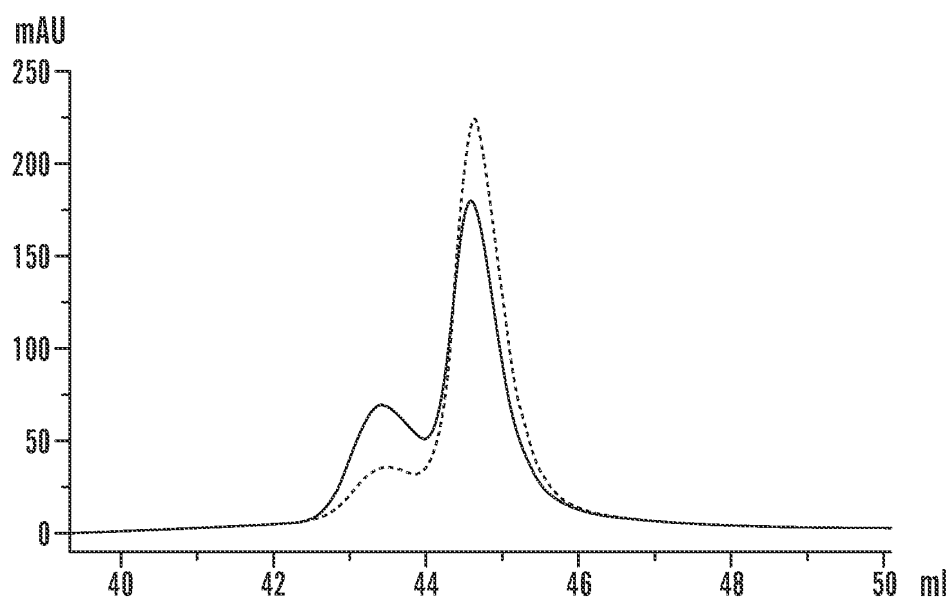
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***FIG. 19B***

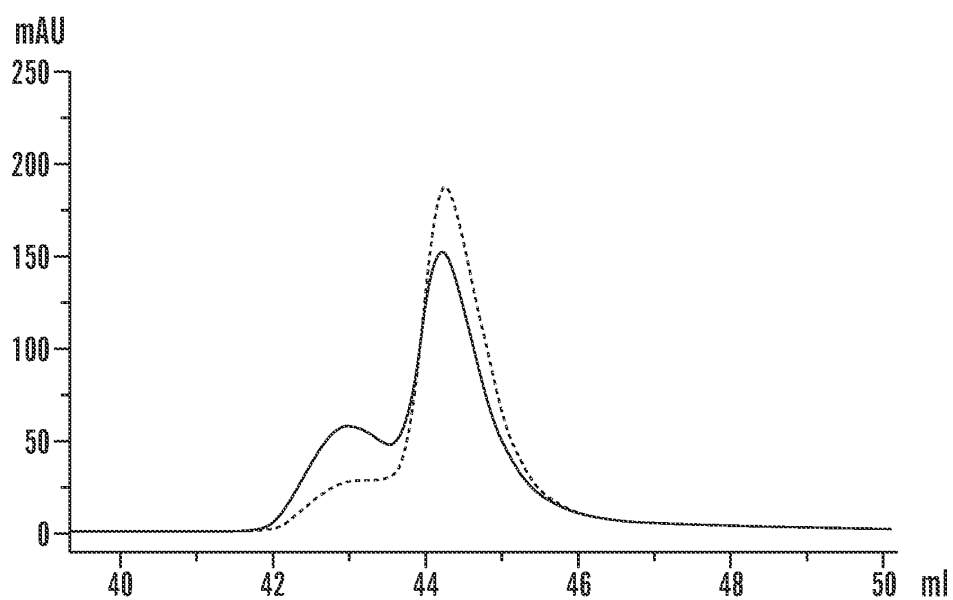
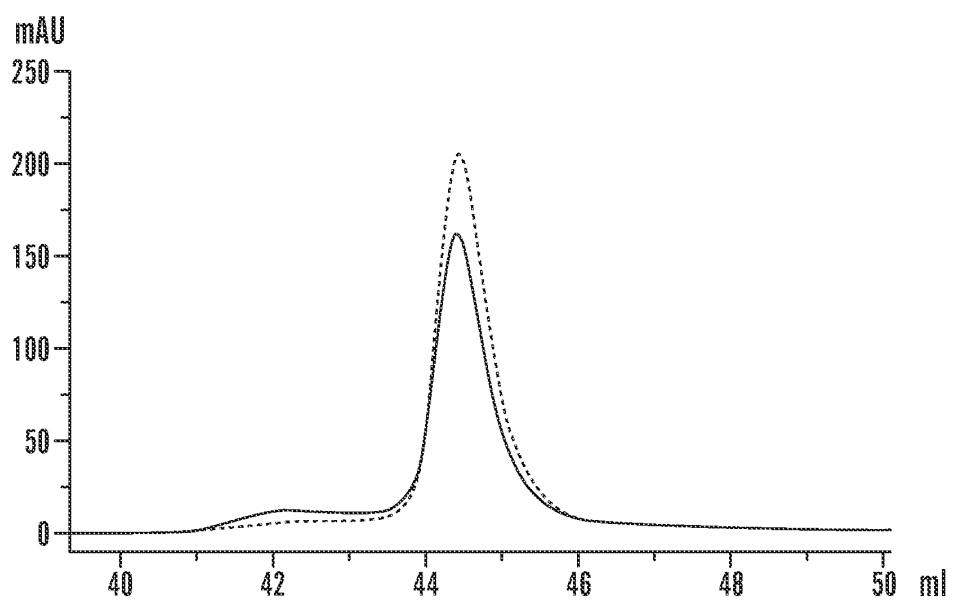
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***FIG. 19C***

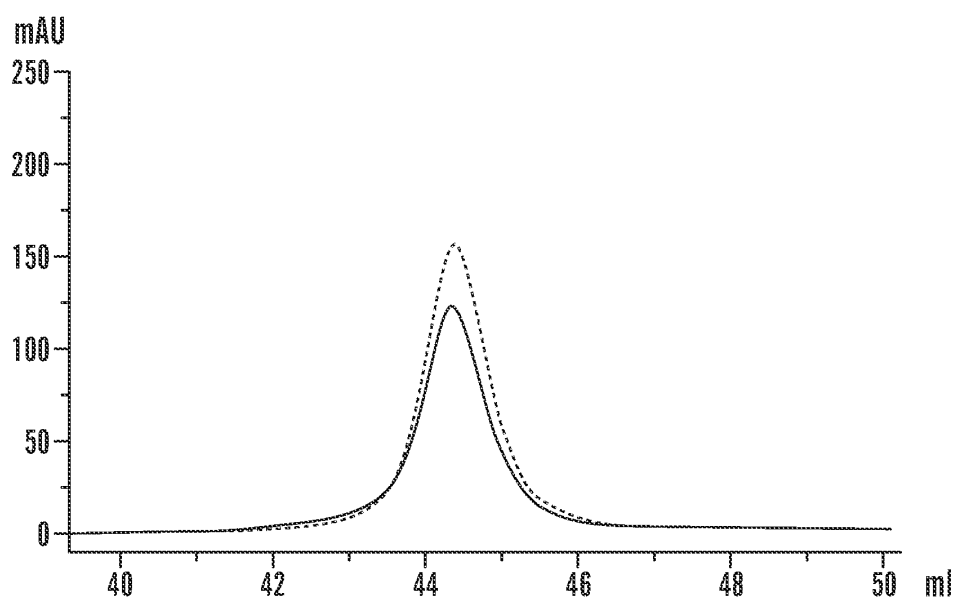
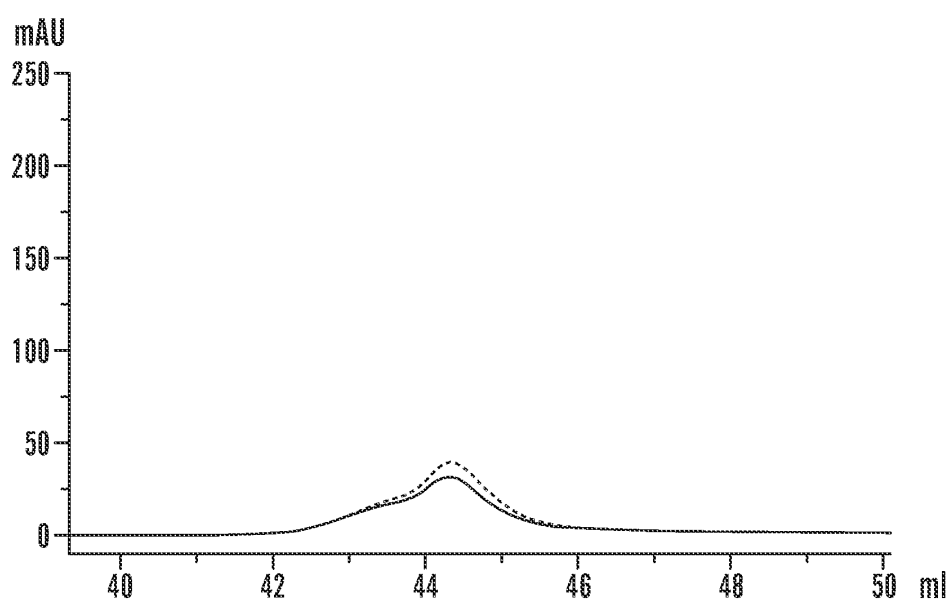
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**FIG. 20A****FIG. 20B**

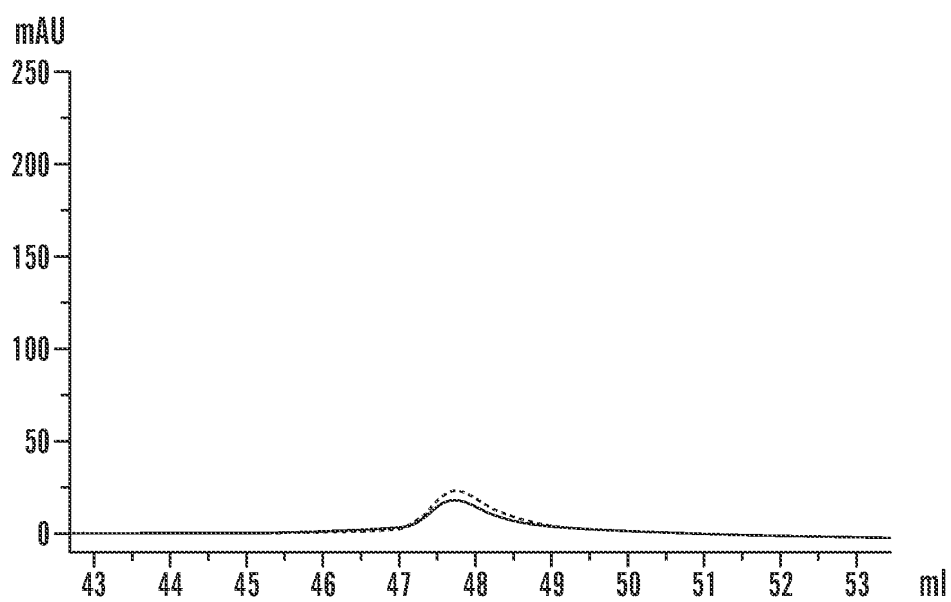
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**FIG. 20C****FIG. 20D**

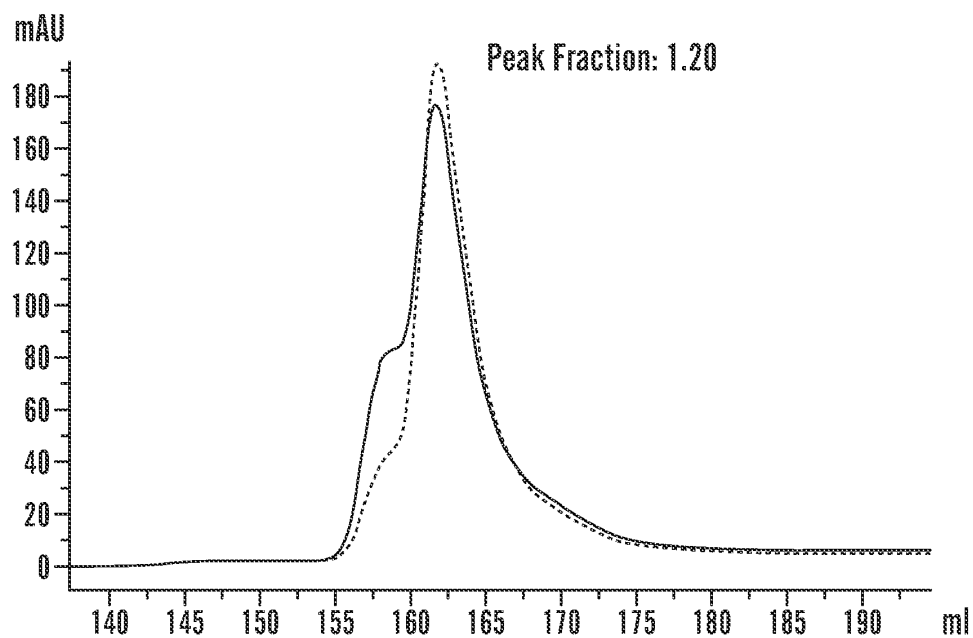
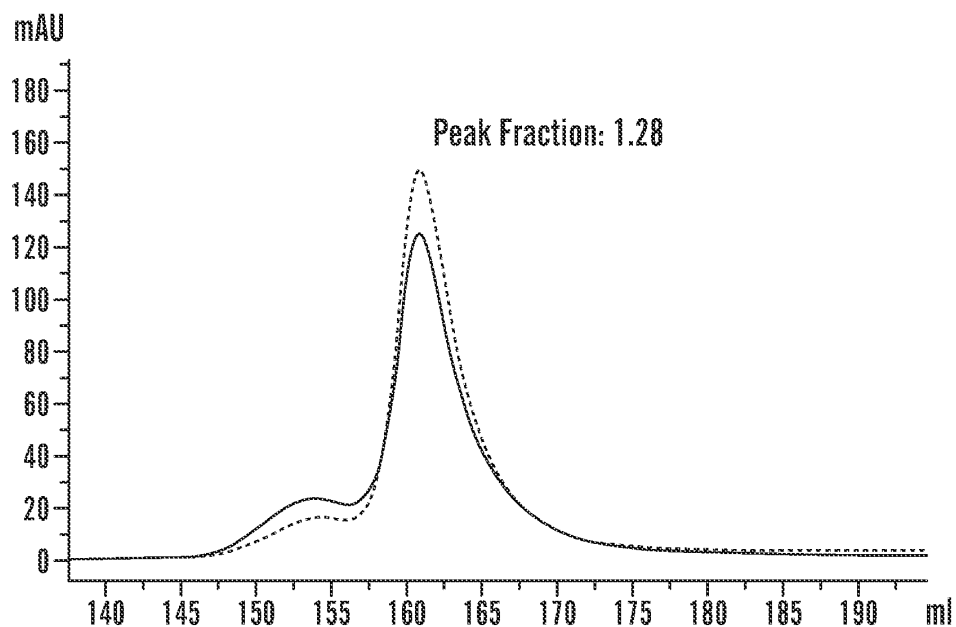
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**FIG. 20E****FIG. 20F**

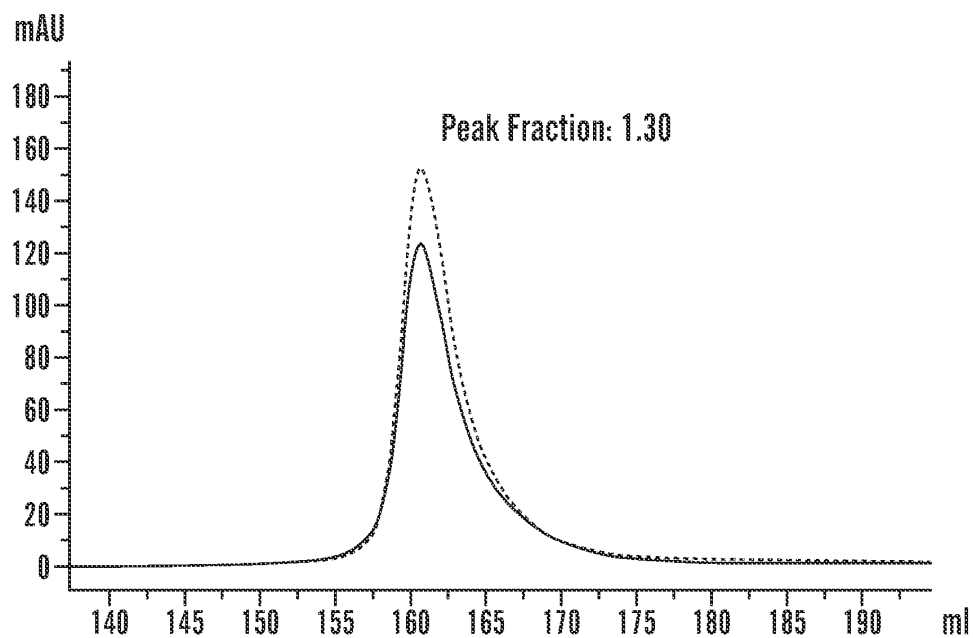
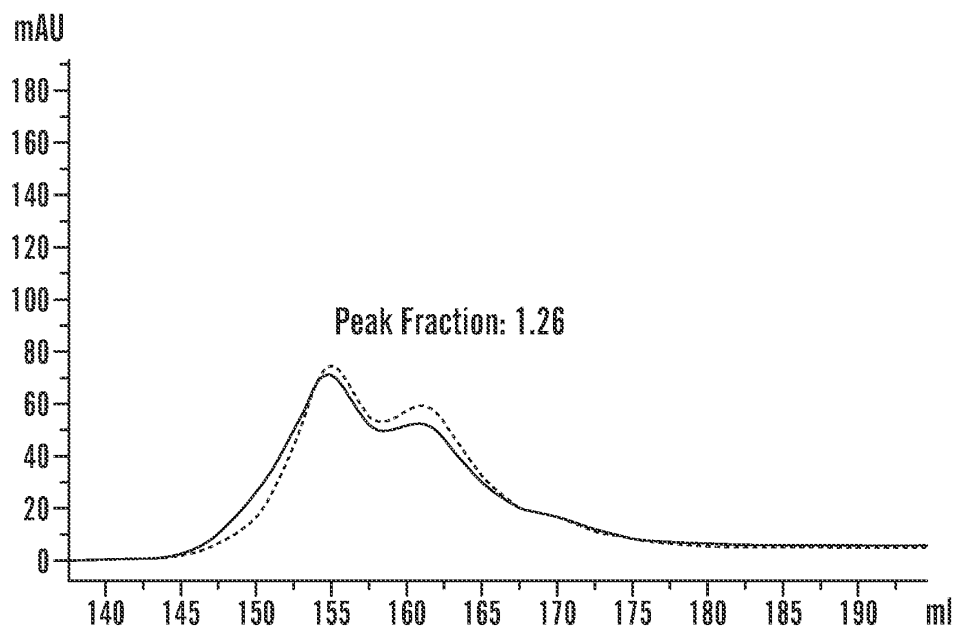
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**FIG. 20G**

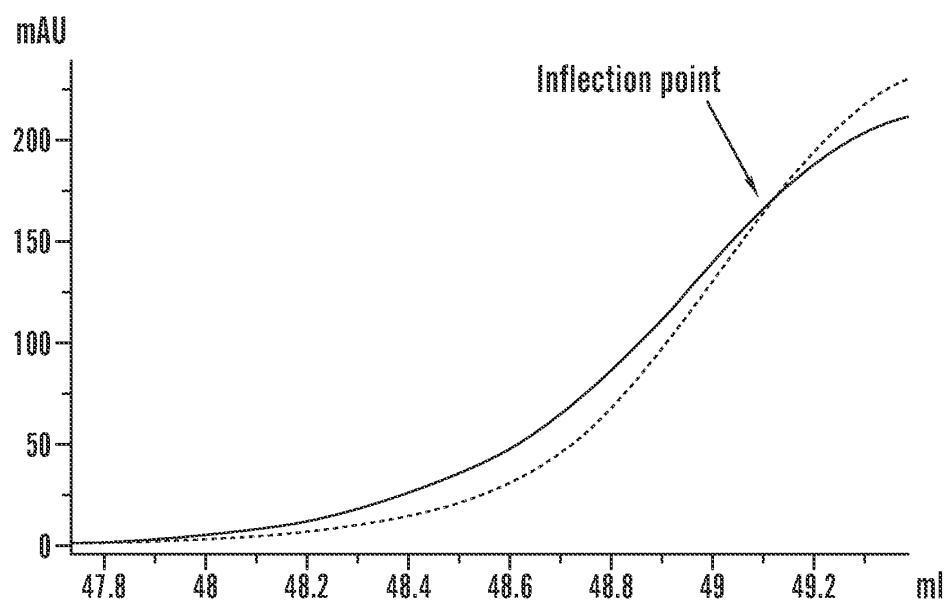
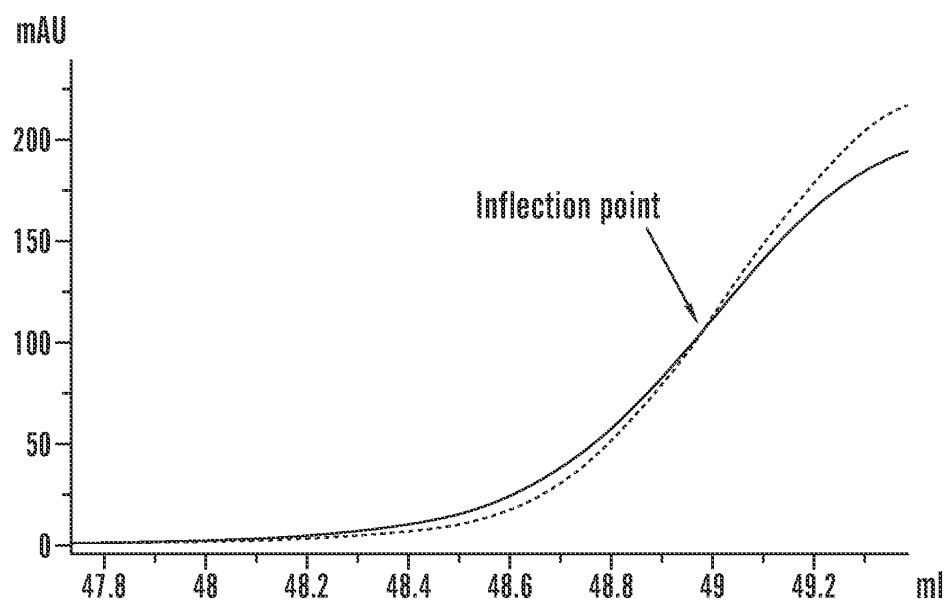
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**FIG. 21A****FIG. 21B**

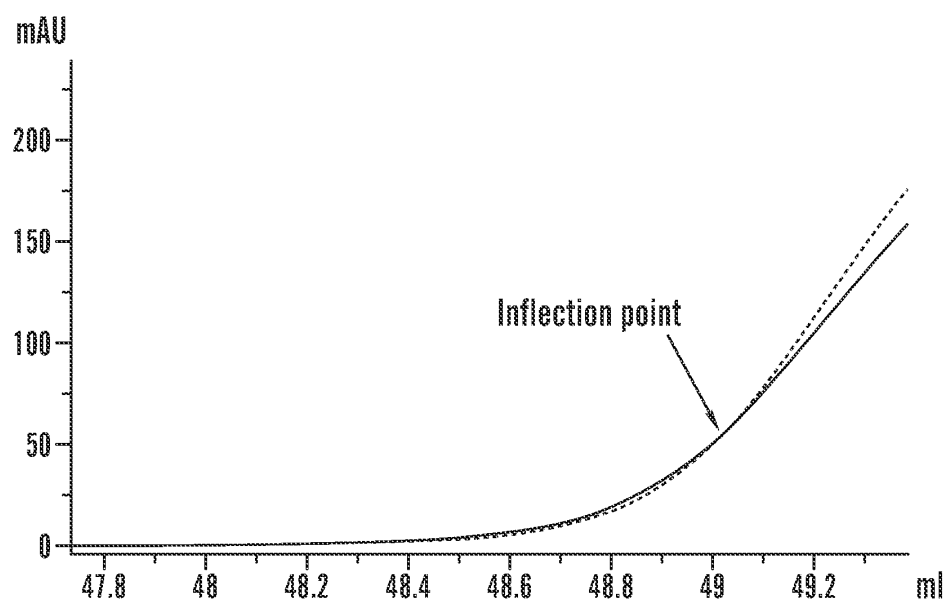
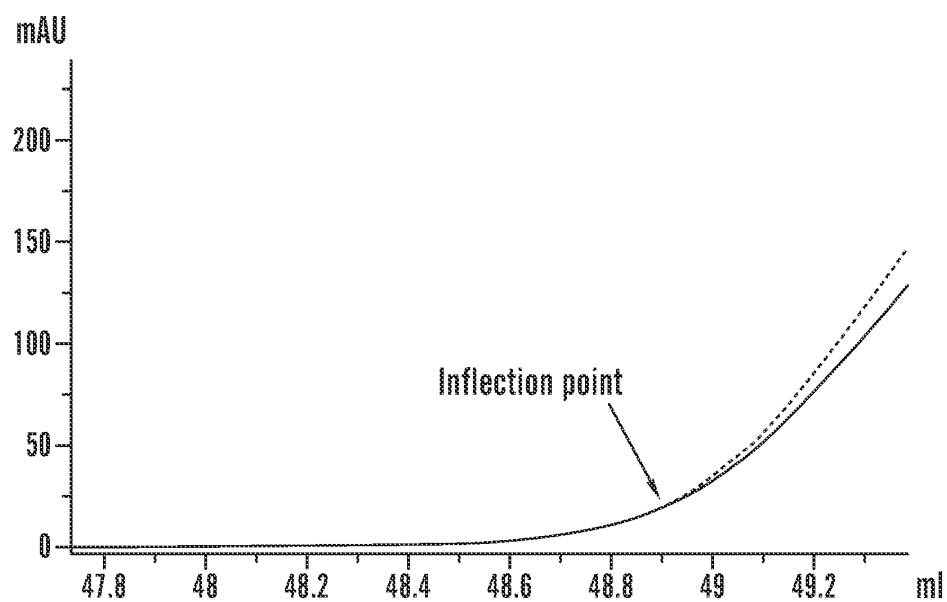
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**FIG. 21C****FIG. 21D**

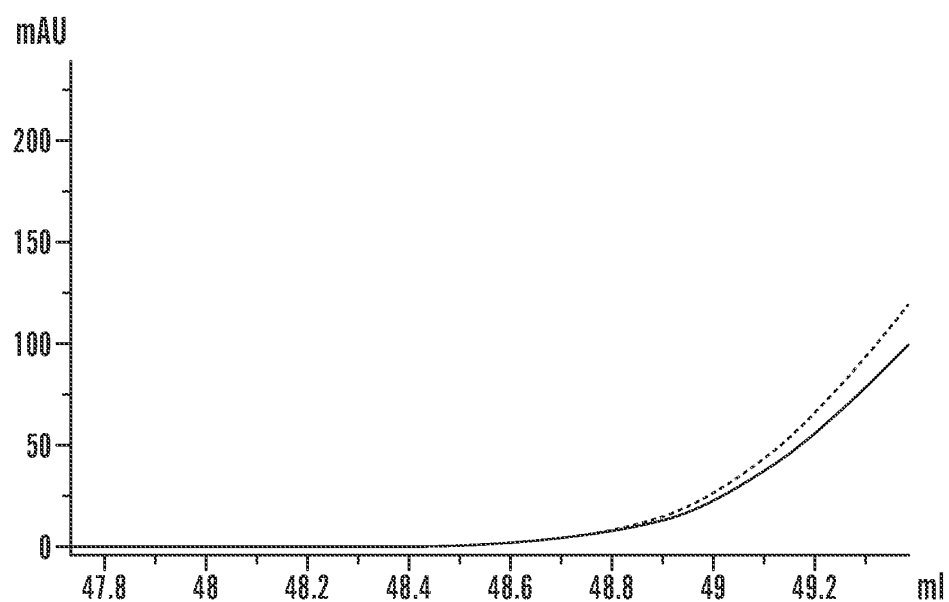
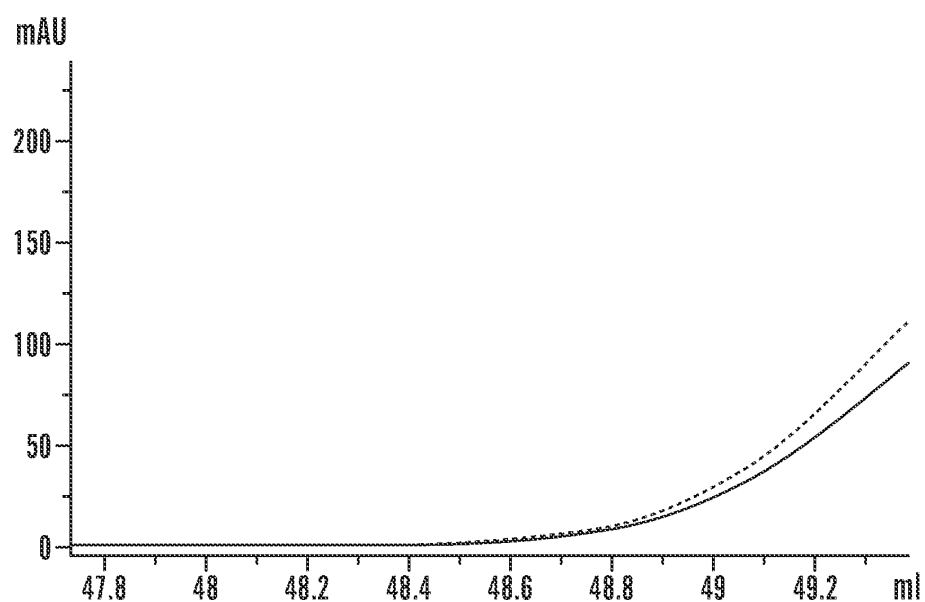
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**FIG. 22A****FIG. 22B**

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**FIG. 22C****FIG. 22D**

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*FIG. 22E**FIG. 22F*