

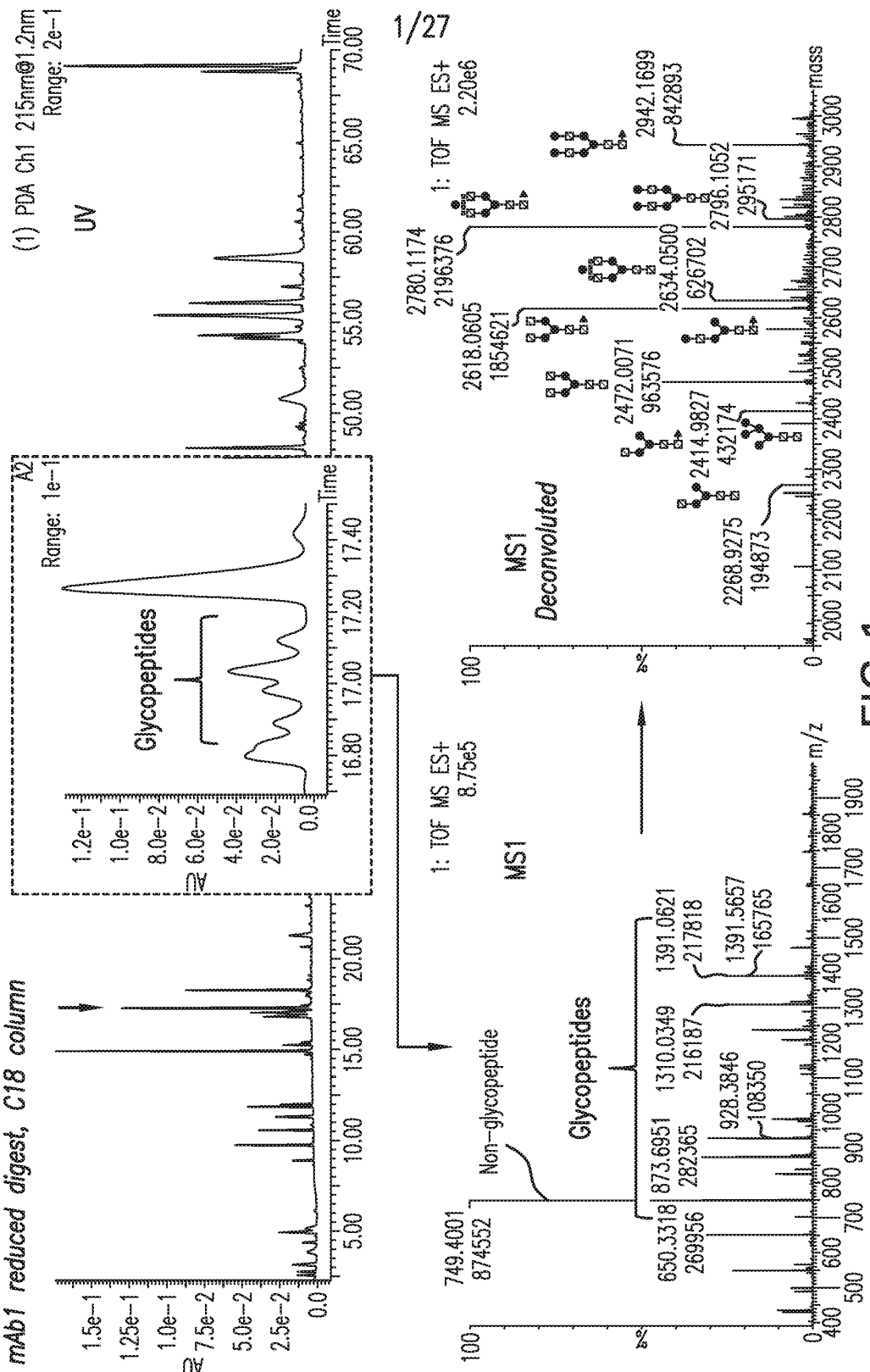
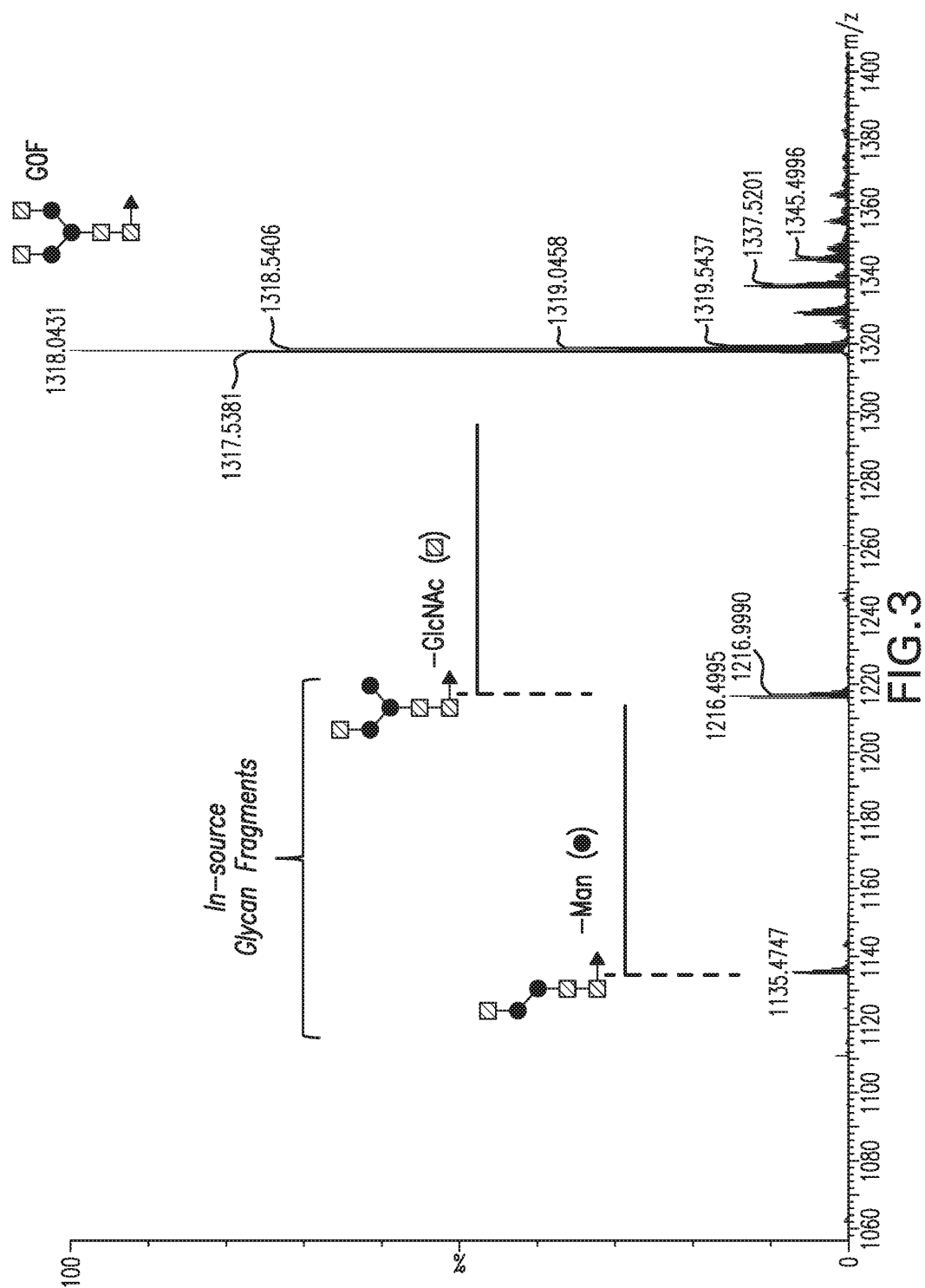


FIG.1

Glycan	% Total Glycoforms	
	Glycopeptide	Released Glycan
	0.51	0.10
	0.44	ND
	2.50	0.26
	2.46	1.60
	5.43	0.30
	12.25	13.09
	3.75	ND
	23.57	34.12
	7.66	2.41 (1-6) 3.30 (1-3) 5.71
	28.12	14.01 (1-6) 16.16 (1-3) 30.17
	2.67	1.14
	10.65	11.21

FIG.2



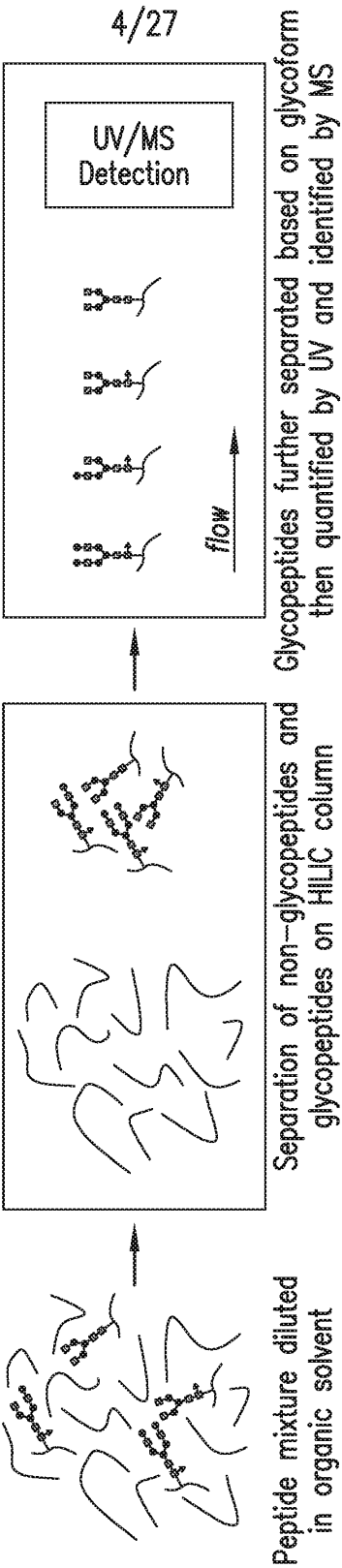
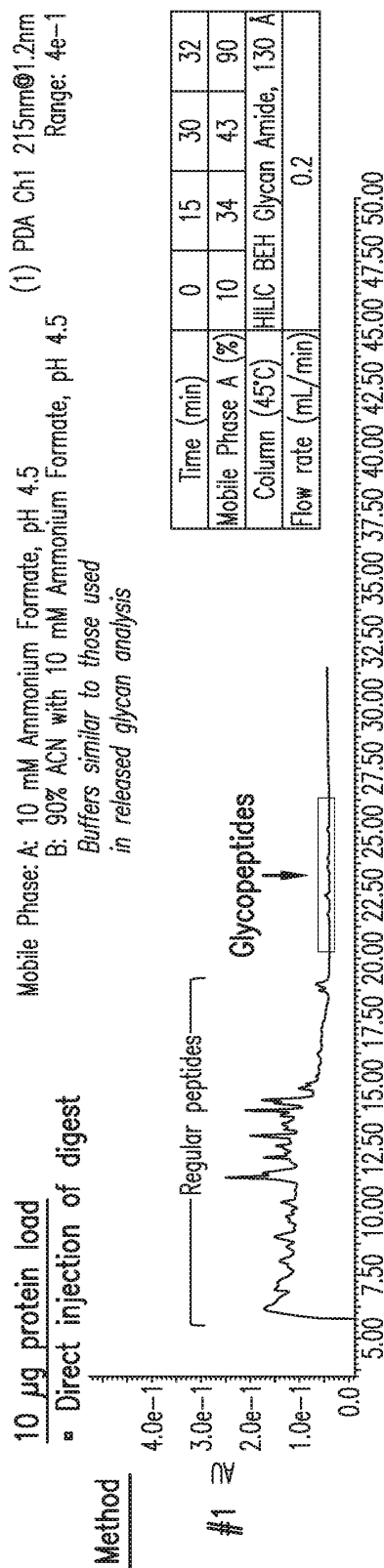


FIG.4



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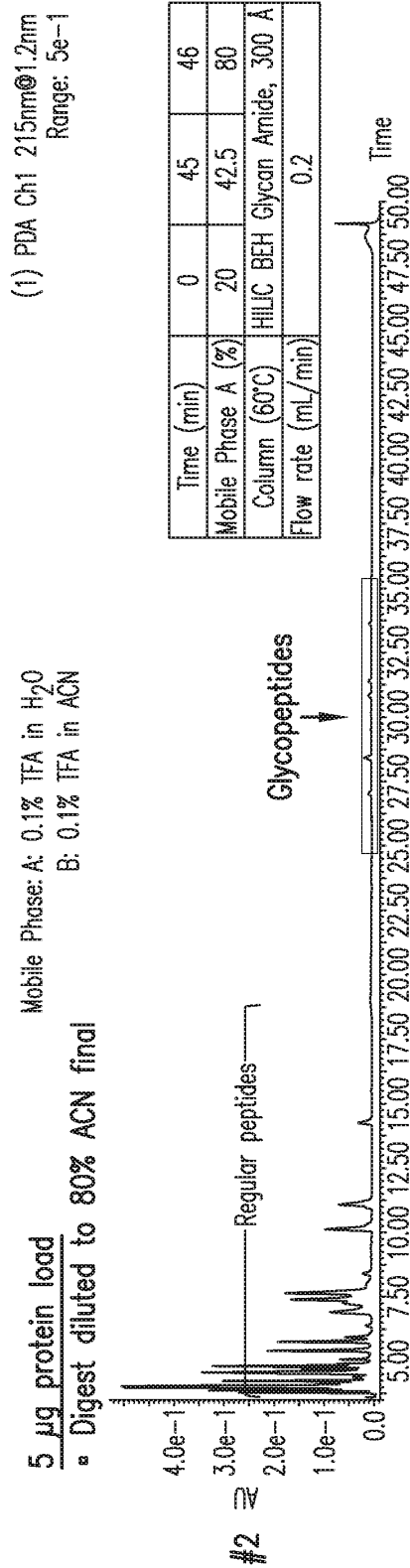


FIG.5

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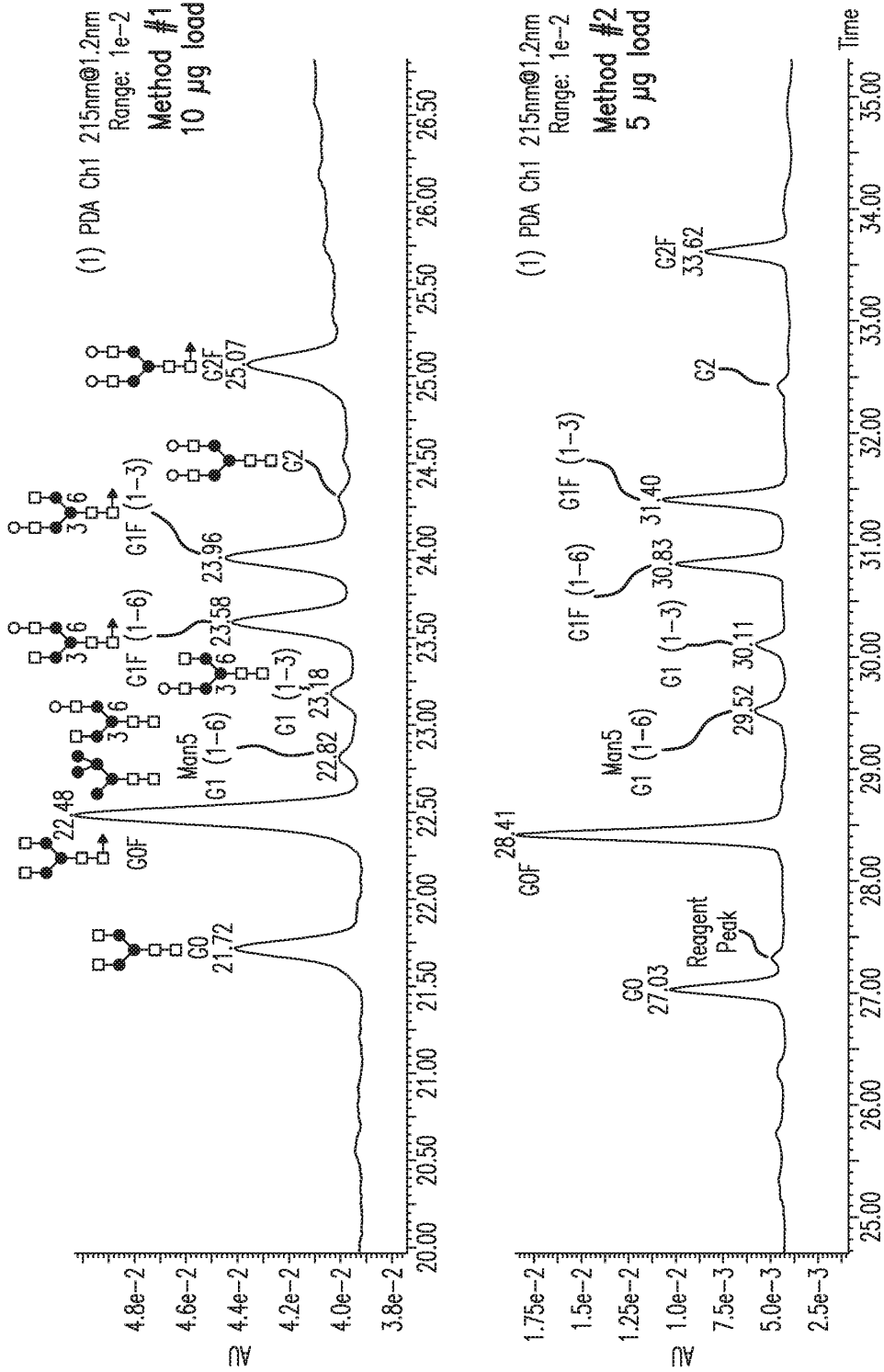


FIG.6

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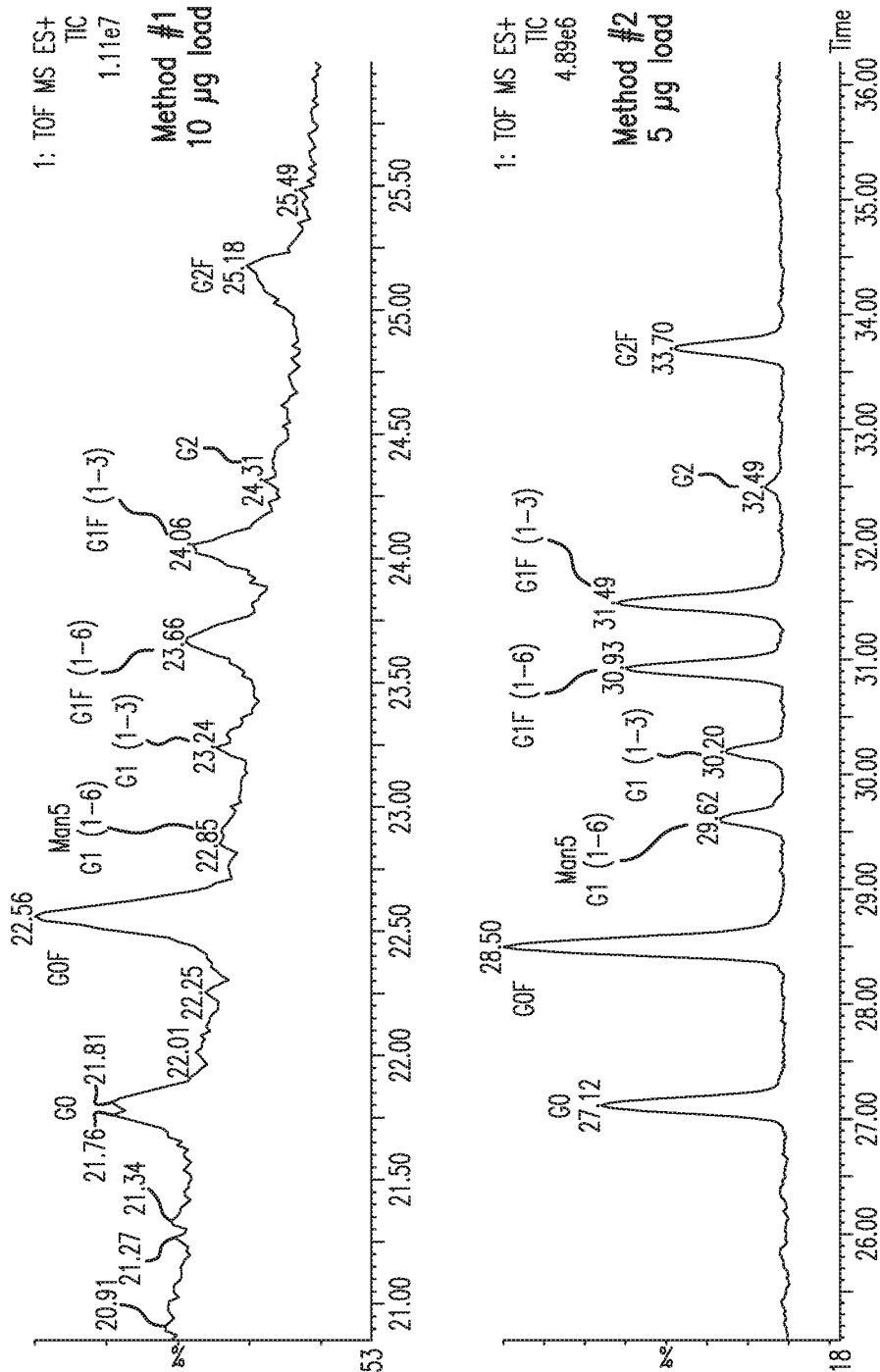


FIG.7

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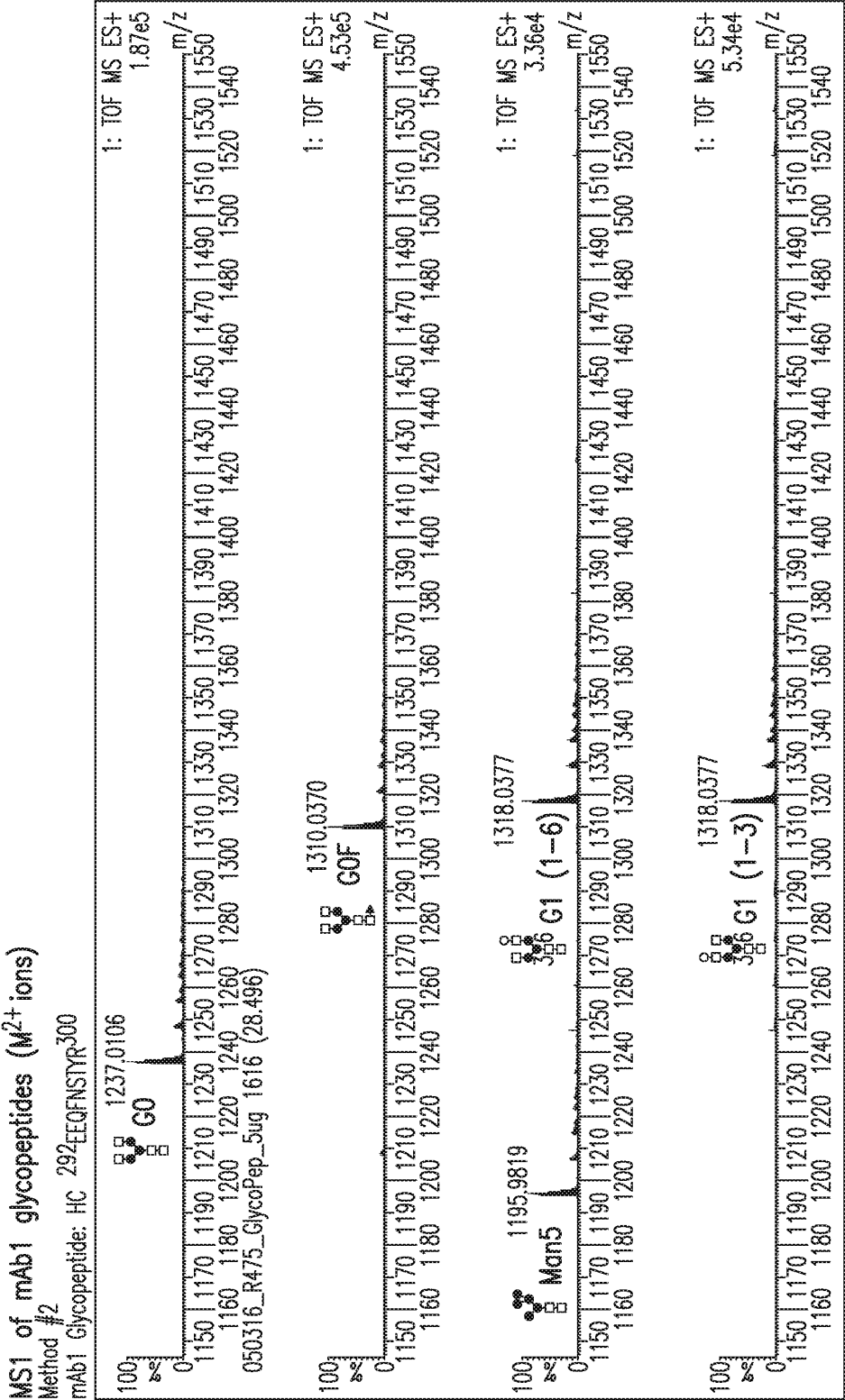


FIG.8A

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MS1 of mAb1 glycopeptides (M²⁺ ions)

Method #2

mAb1 Glycopeptide: HC 292^{EE}QFNSTYR300

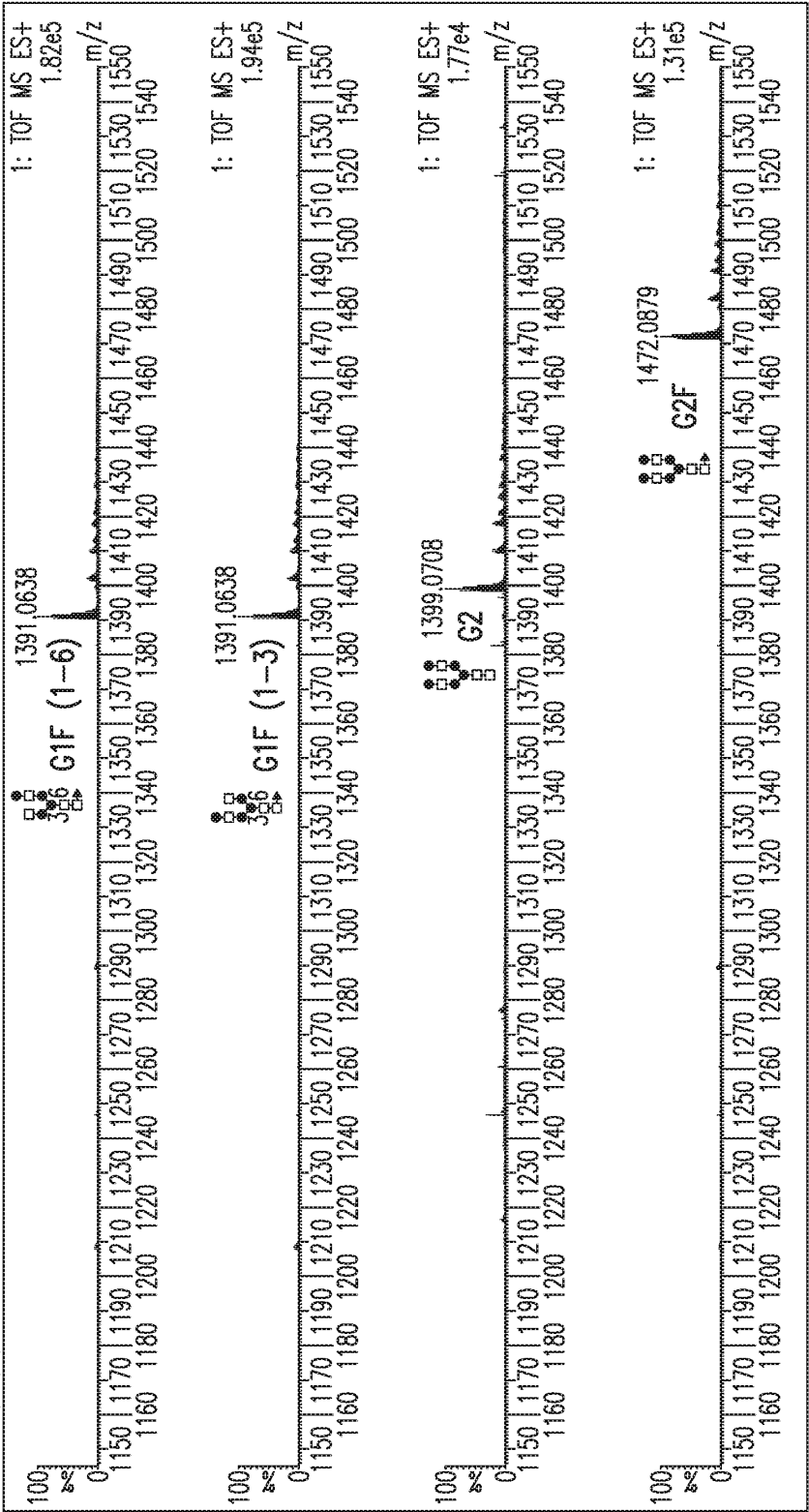


FIG.8B

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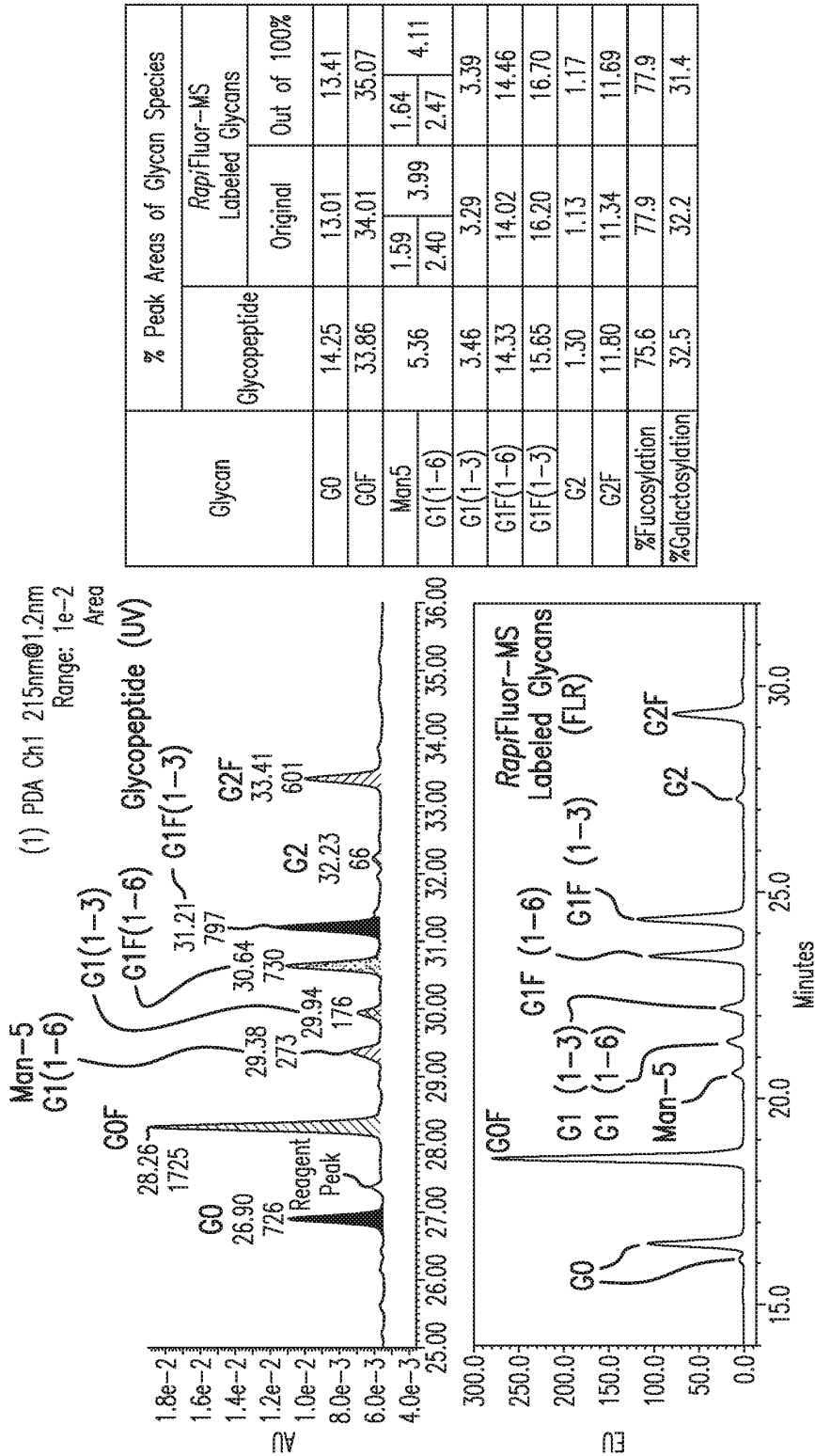


FIG.9

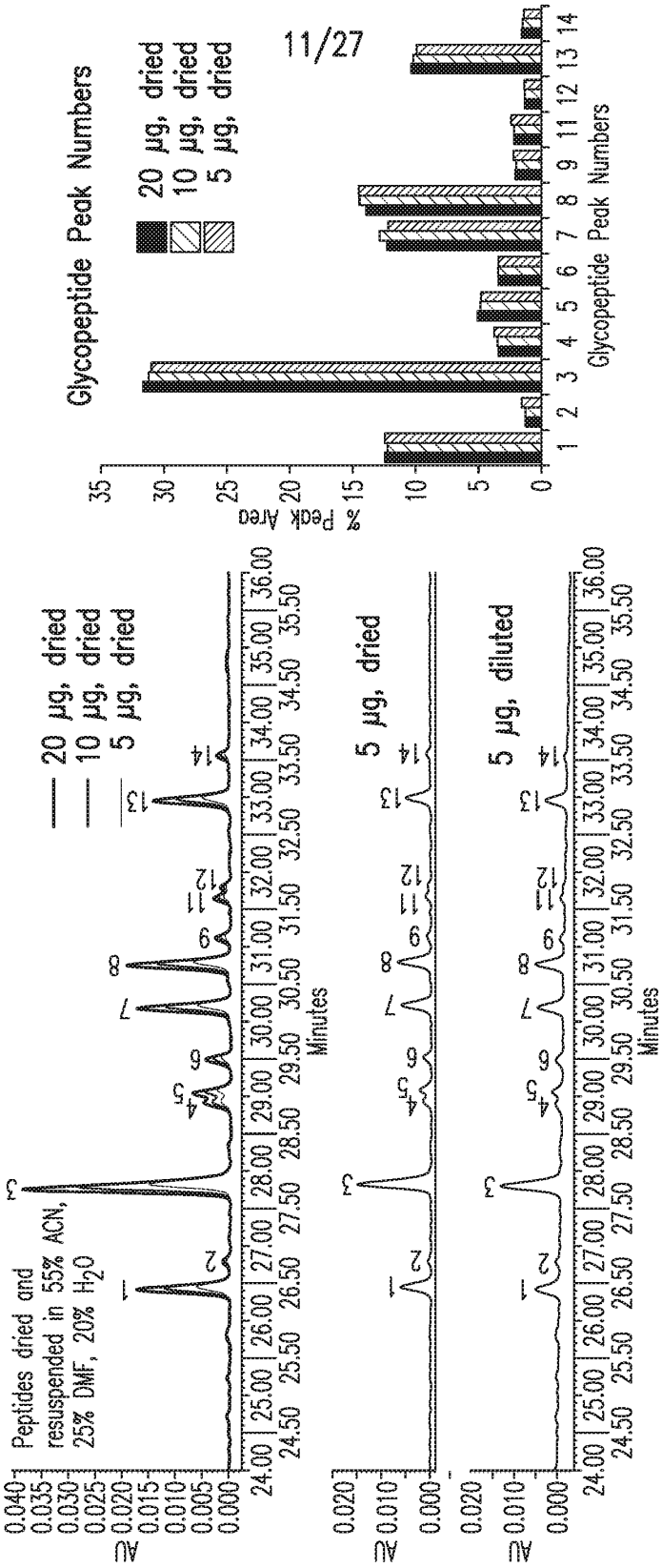
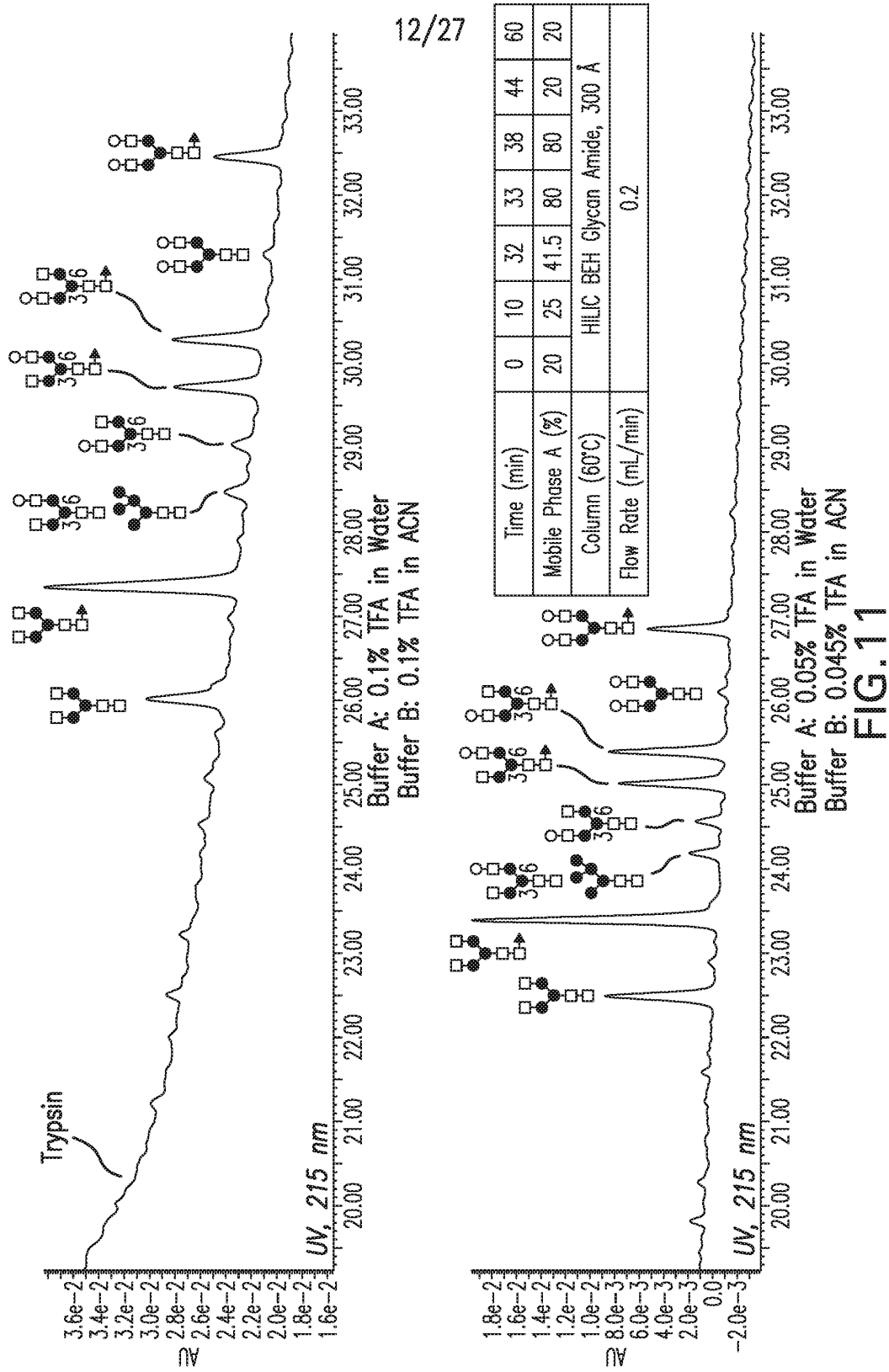


FIG.10



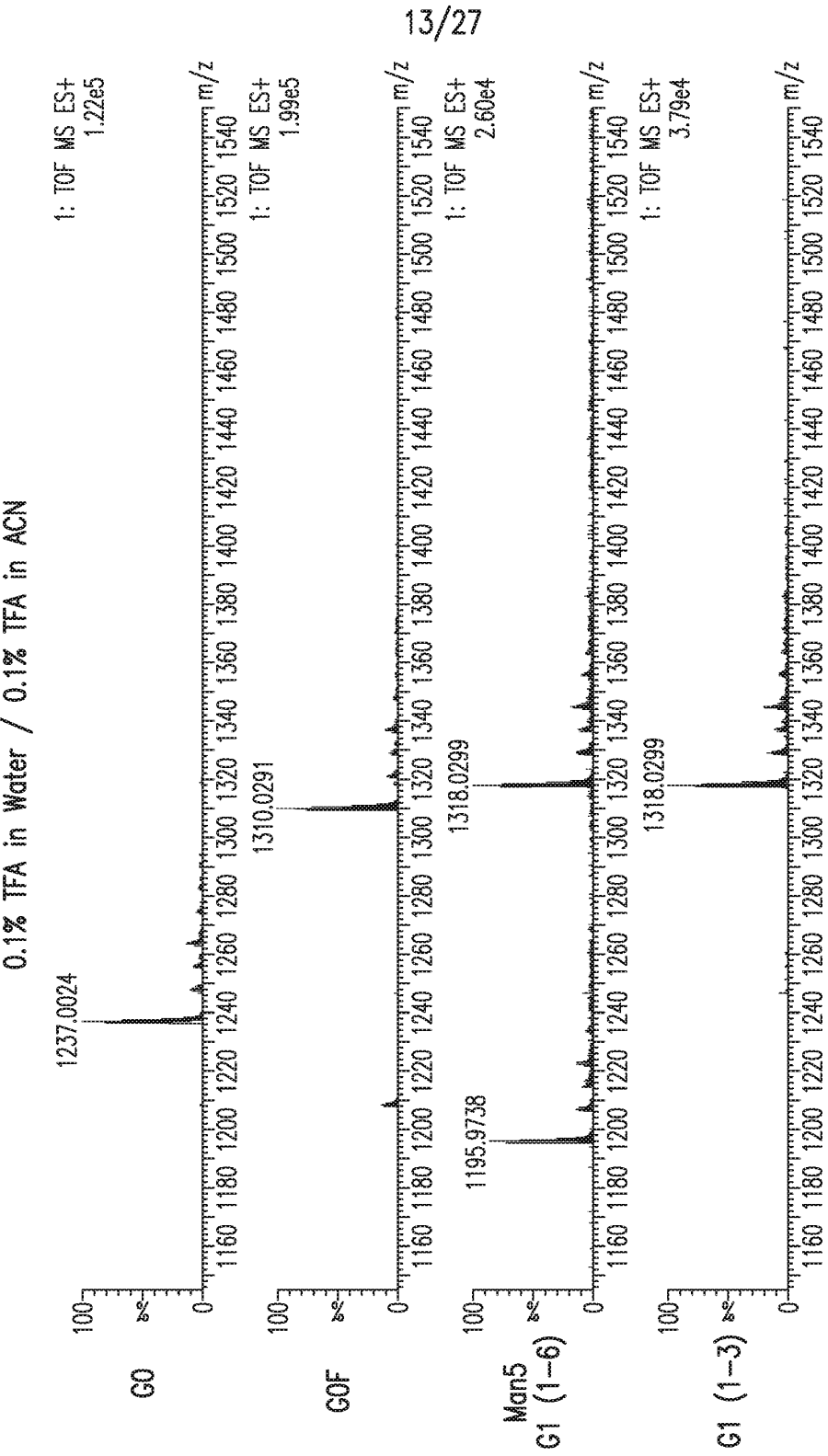


FIG.12A

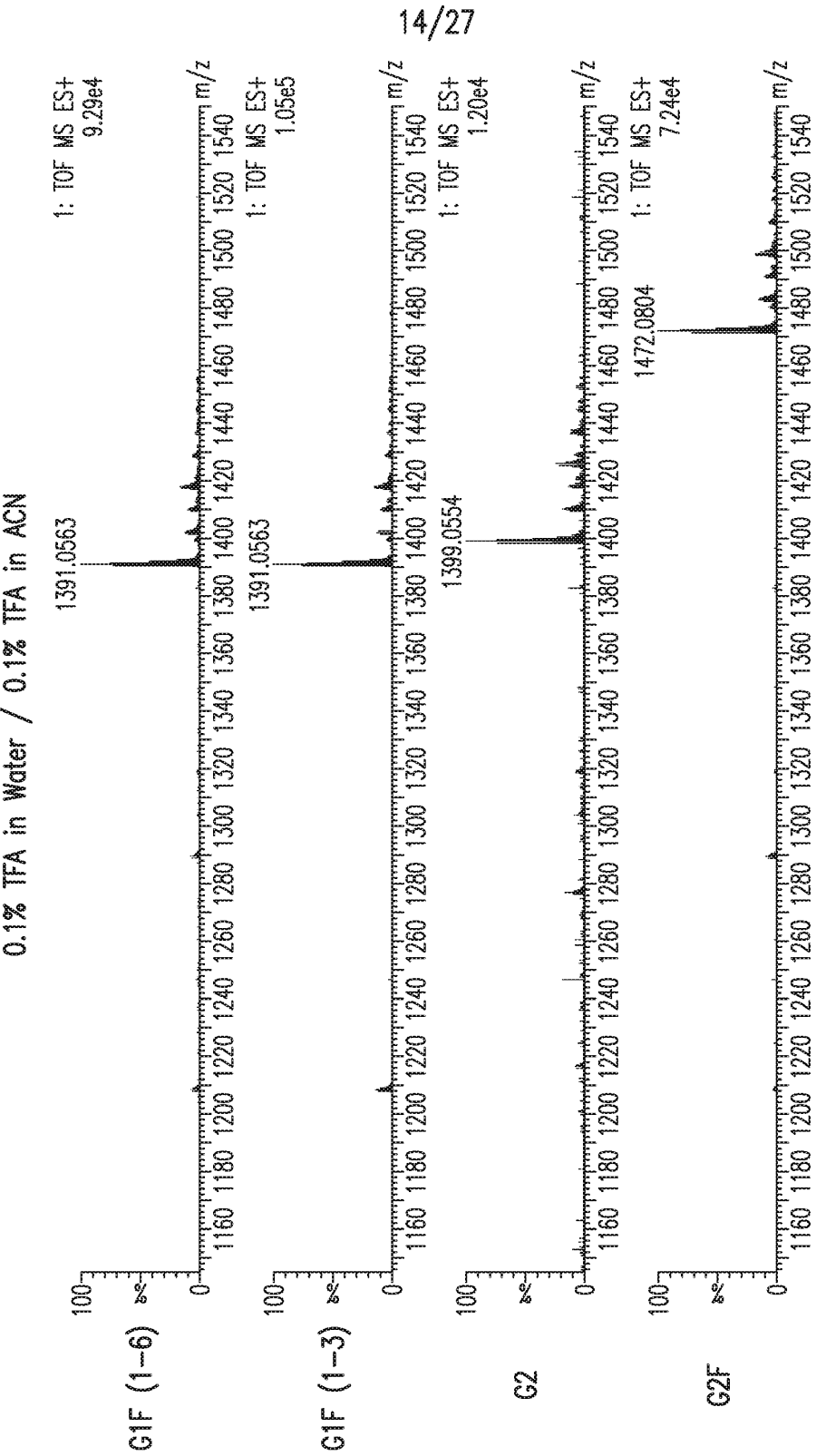


FIG.12B

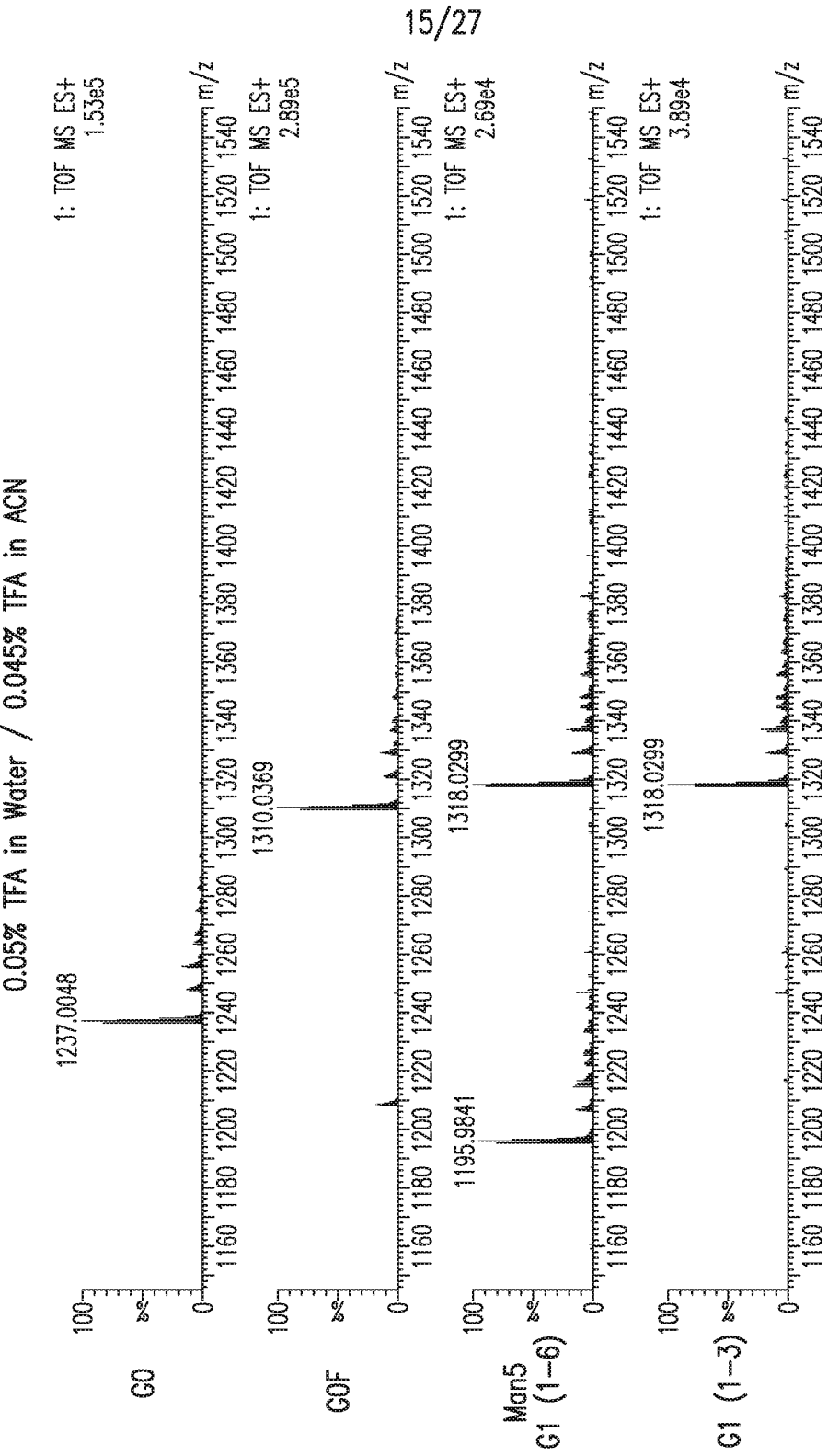


FIG.12C

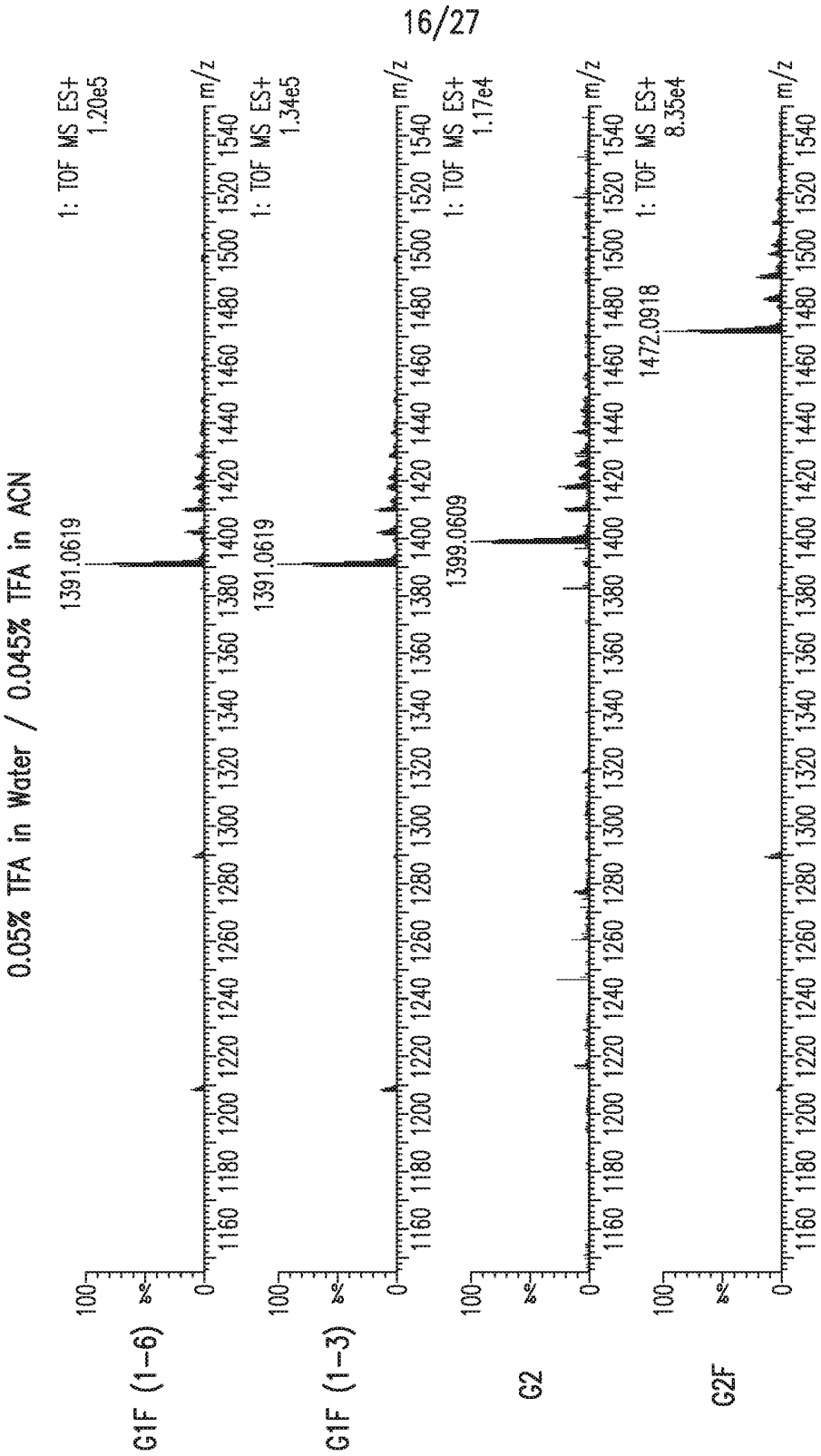
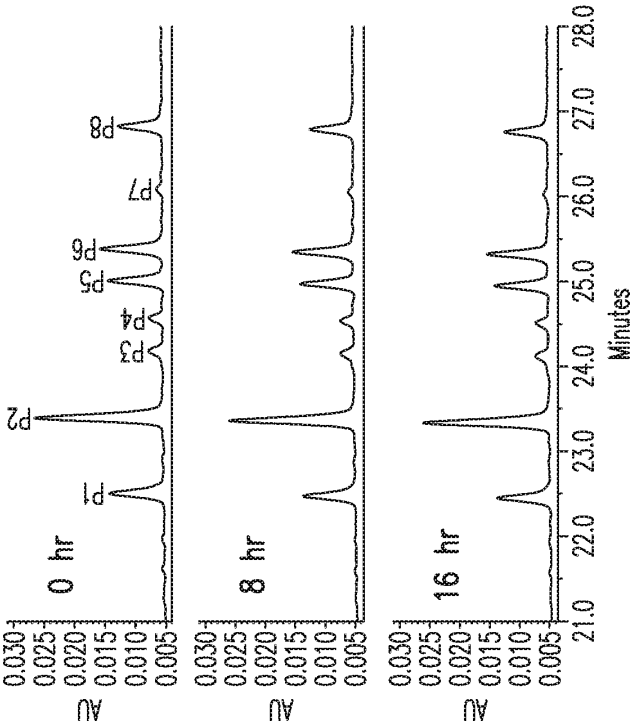


FIG.12D



Time	% Peak Area (PA)							
	P1	P2	P3	P4	P5	P6	P7	P8
0 hr	14.56	33.74	4.49	3.30	13.96	16.43	1.71	11.81
8 hr	14.24	34.20	4.59	3.31	13.81	16.29	1.46	12.10
16 hr	14.56	34.55	4.74	3.25	13.56	15.86	1.54	11.94
% Difference								
8 vs 0 hr	2.2%	1.4%	2.2%	0.3%	1.1%	0.9%	14.6%	2.5%
16 vs 0 hr	0.0%	2.4%	5.6%	1.5%	2.9%	3.5%	9.9%	1.1%

% Difference of % PA for main glycans are $\leq 3.5\%$

FIG.13

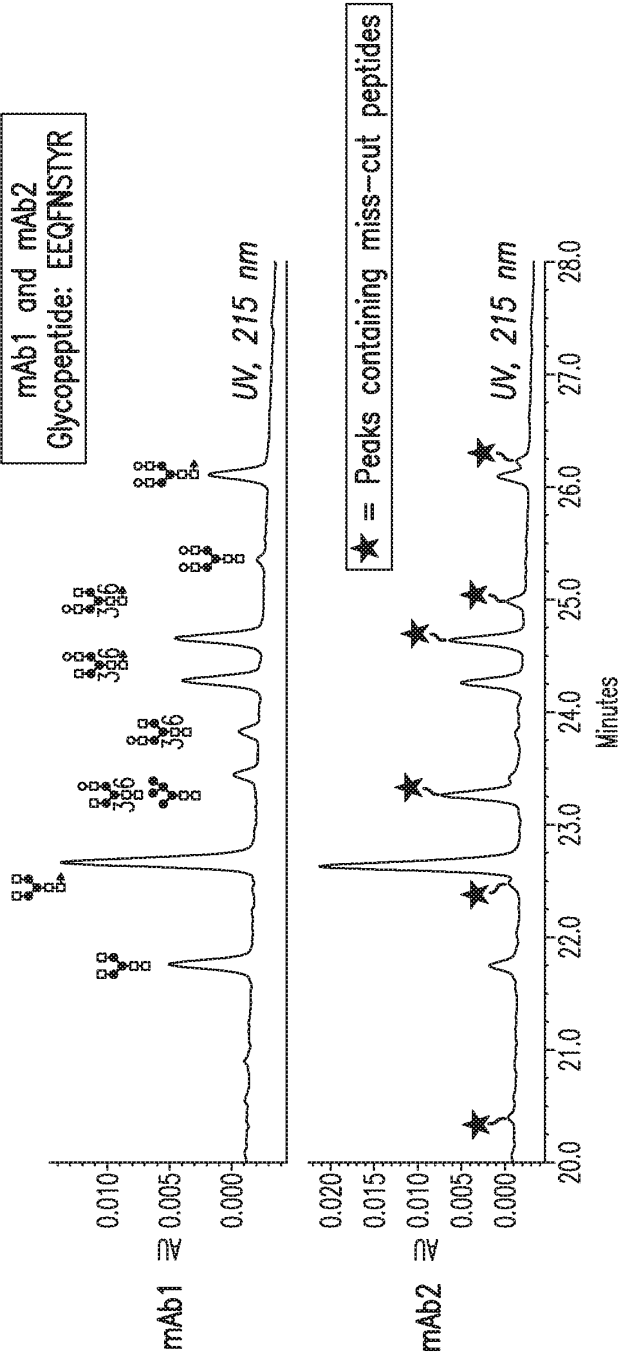
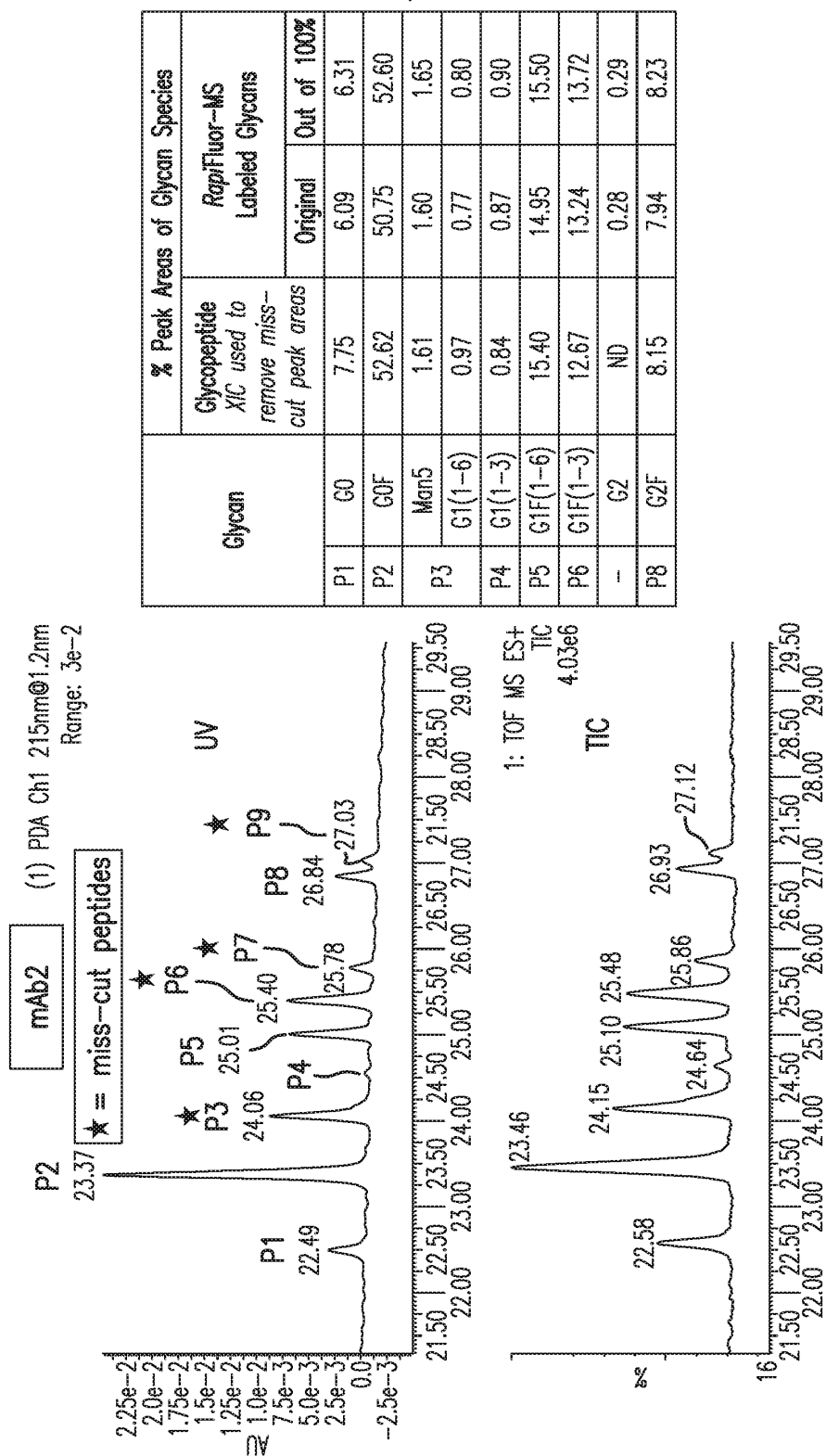


FIG.14




 משרד החינוך
 מנהל מחוז
 תל אביב

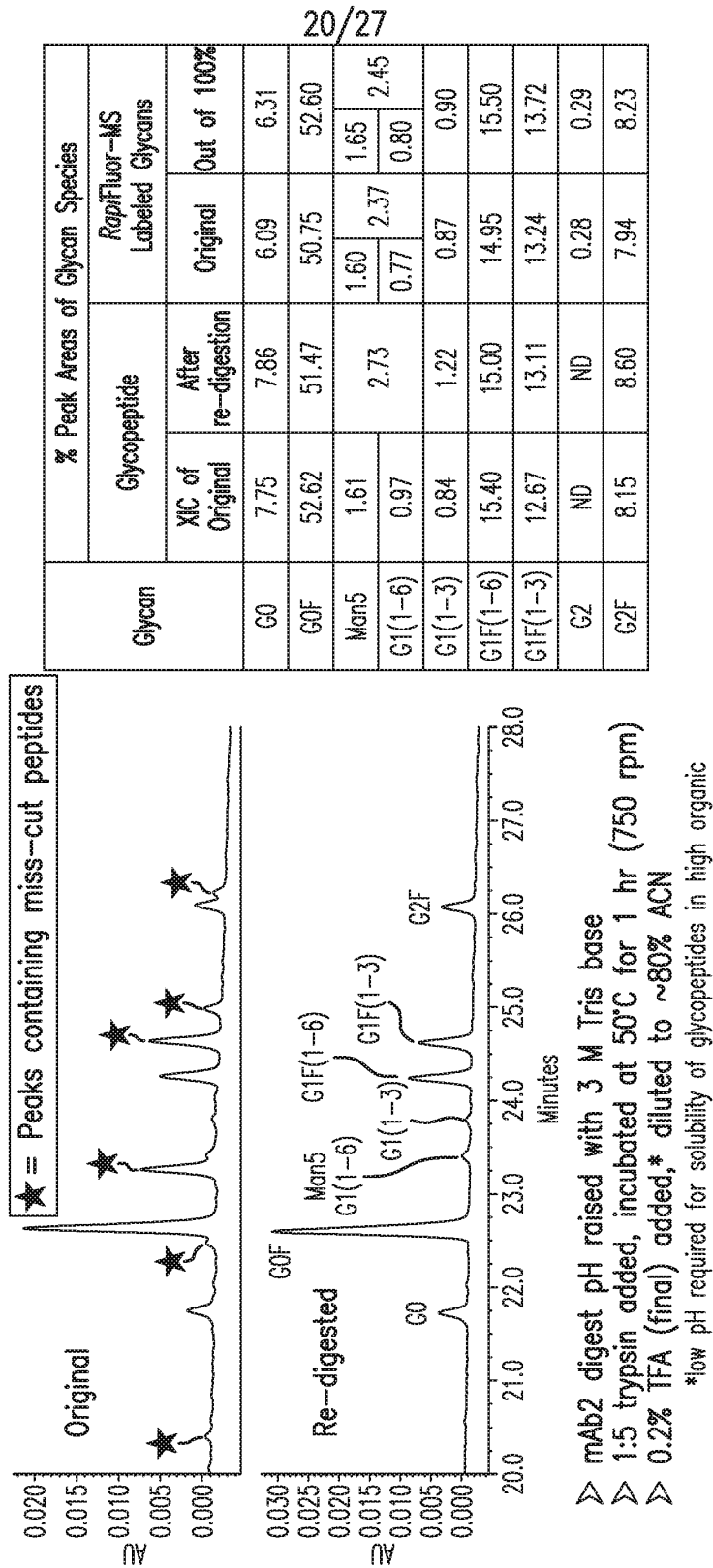


FIG.16

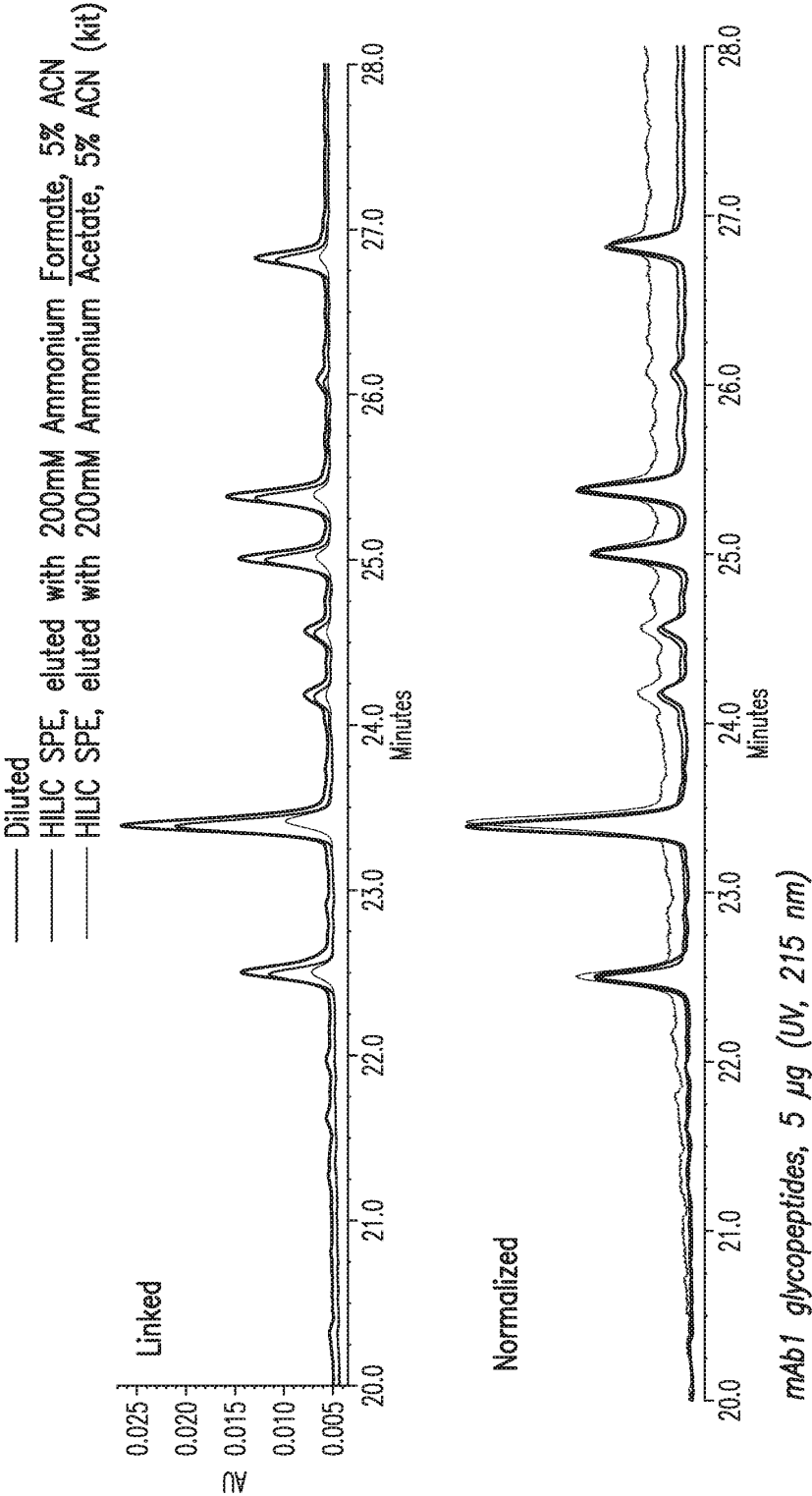


FIG.17

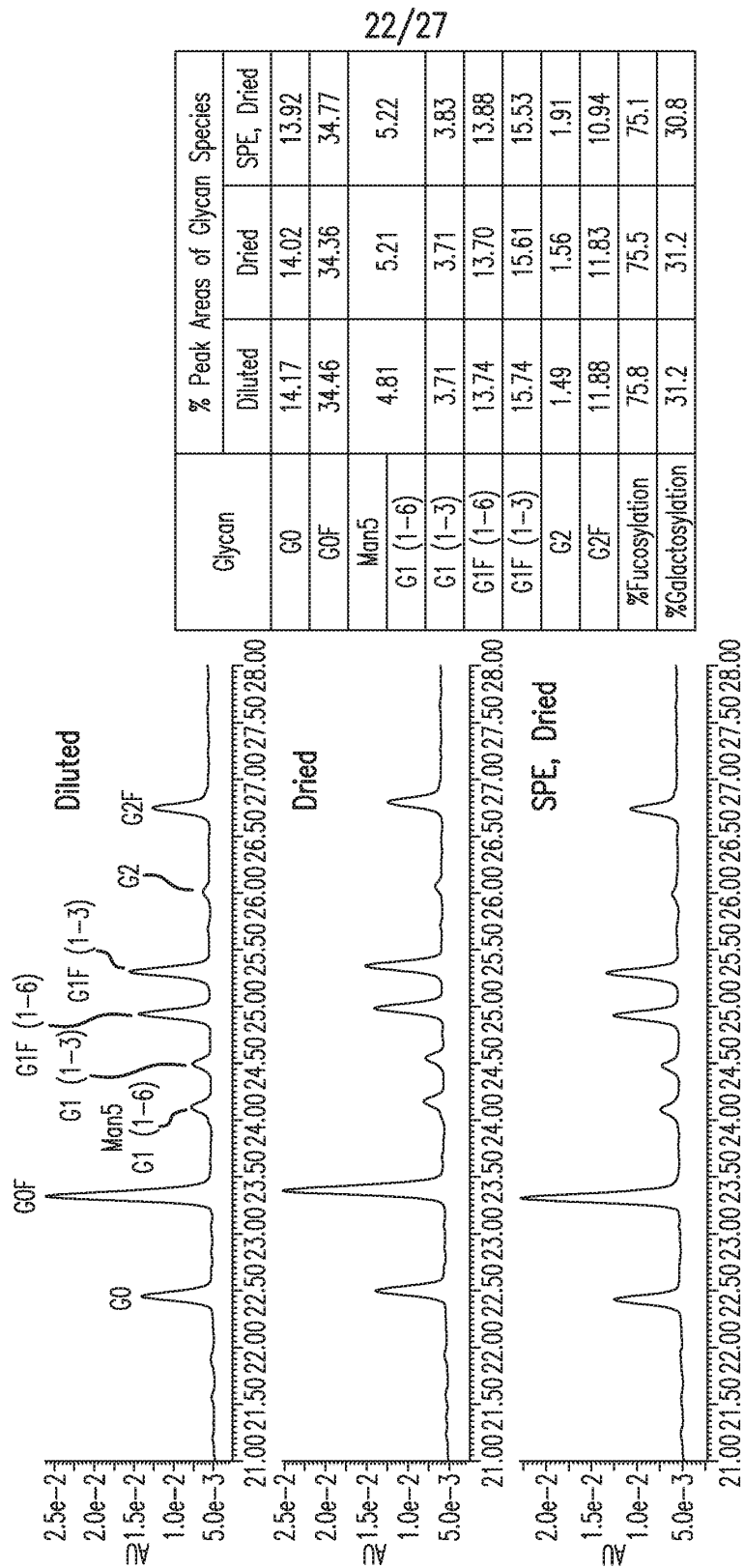


FIG.18

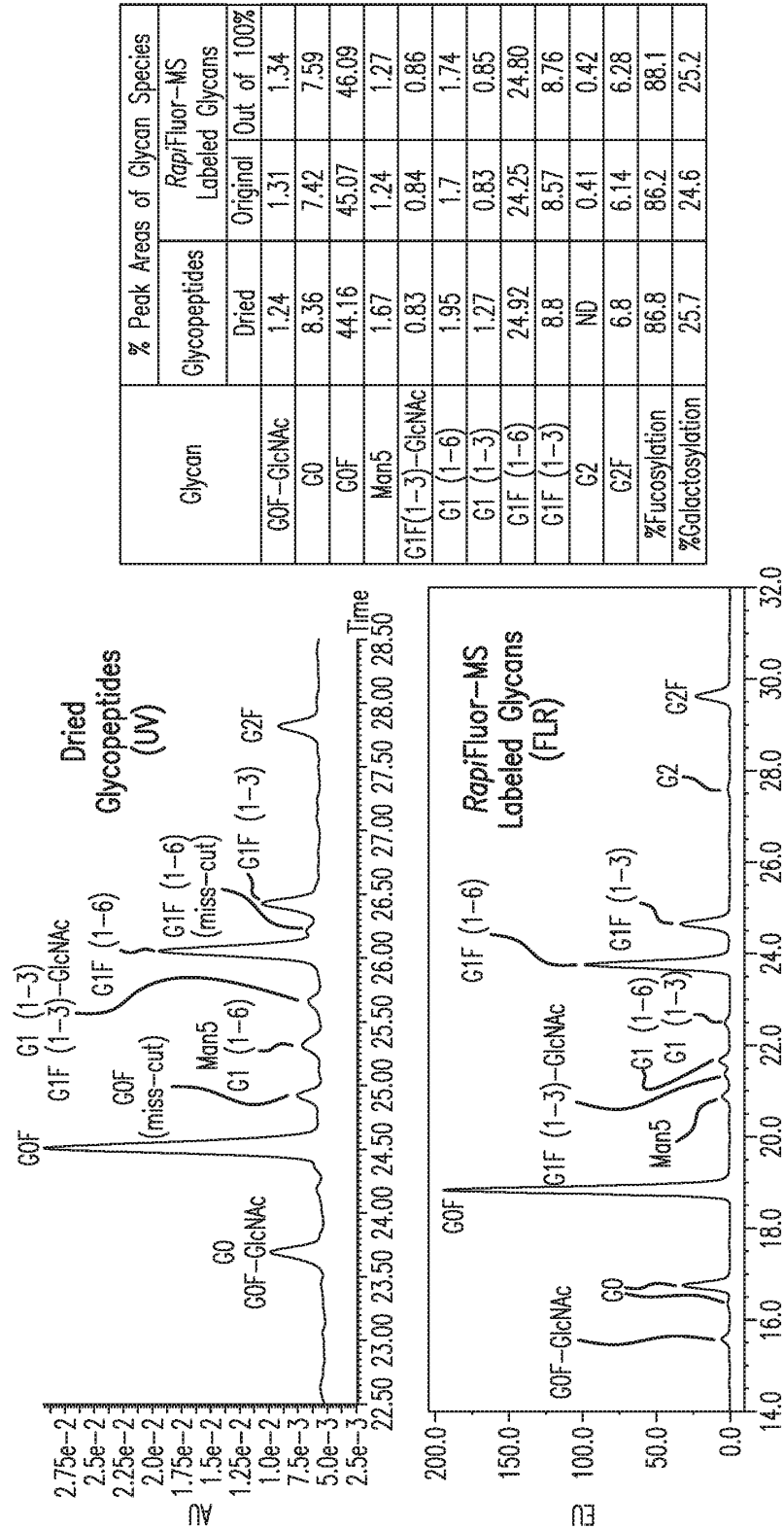


FIG.19

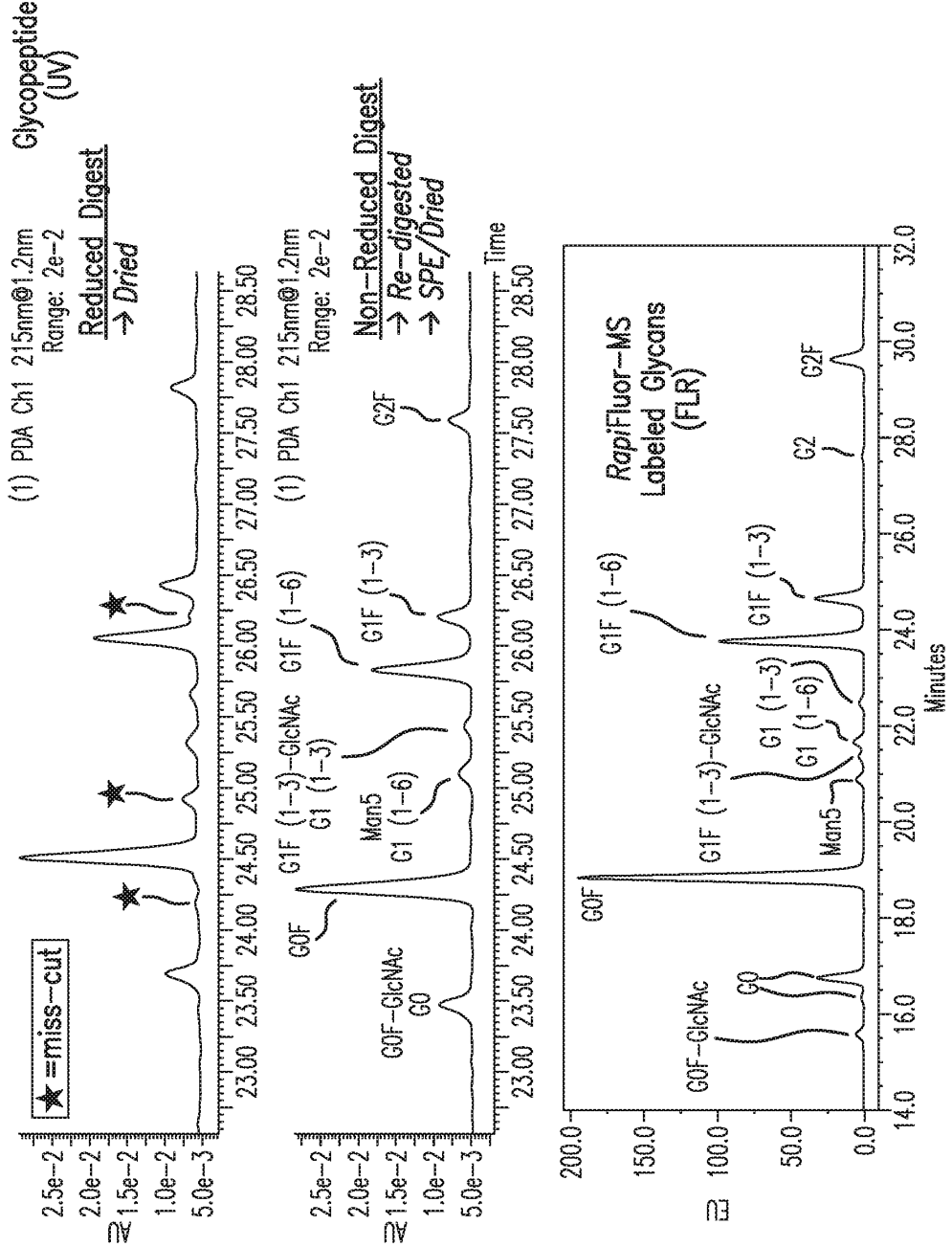


FIG.20A

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Glycan	% Peak Areas of Glycan Species			
	Glycopeptides		<i>RapiFluor</i> -MS Labeled Glycans	
	<u>Reduced</u> <i>Dried</i>	<u>Non-Reduced</u> <i>Re-digested SPE/Dried</i>	Original	Out of 100%
G0F-GlcNAc	1.24	0.98	1.31	1.34
G0	8.36	8.25	7.42	7.59
G0F	44.16	46.33	45.07	46.09
Man5	1.67	1.73	1.24	1.27
G1F (1-3)-GlcNAc	0.83	0.93	0.84	0.86
G1 (1-6)	1.95	2.33	1.7	1.74
G1 (1-3)	1.27	0.96	0.83	0.85
G1F (1-6)	24.92	24.96	24.25	24.80
G1F (1-3)	8.8	8.44	8.57	8.76
G2	ND	ND	0.41	0.42
G2F	6.8	5.09	6.14	6.28
%Fucosylation	86.8	86.7	86.2	88.1
%Galactosylation	25.7	23.9	24.6	25.2

FIG. 20B

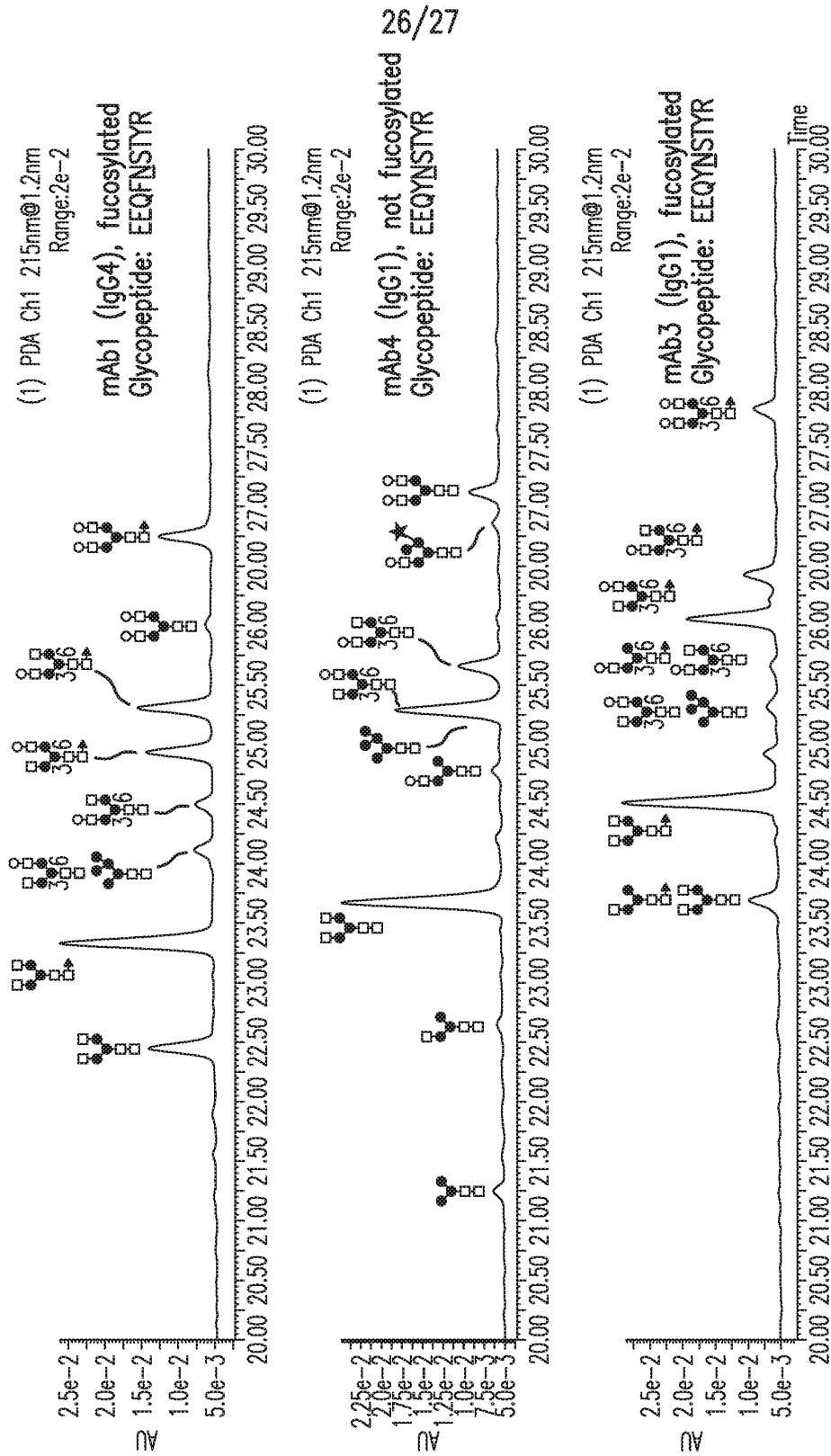


FIG.21

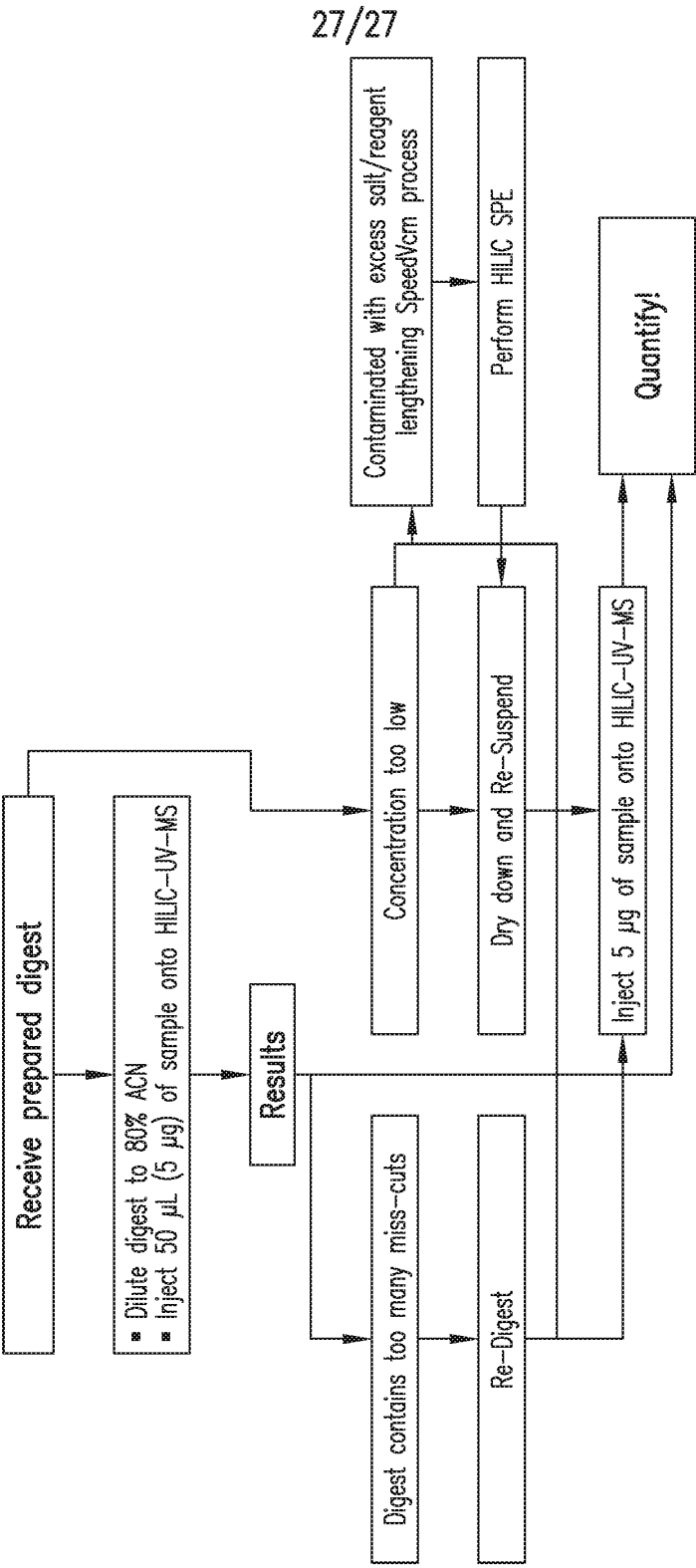


FIG.22