Supporting Information Figures

The N-Glycome of Human Plasma

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Figure S1. (A) MS^2 positive ion ESI-ion trap mass spectrum of m/z 1279.6 (H6N5F1A3). Peaks labeled in the spectrum are not specific to any 1 isomer. Unlabelled peaks which are isomer specific are detailed in (B).

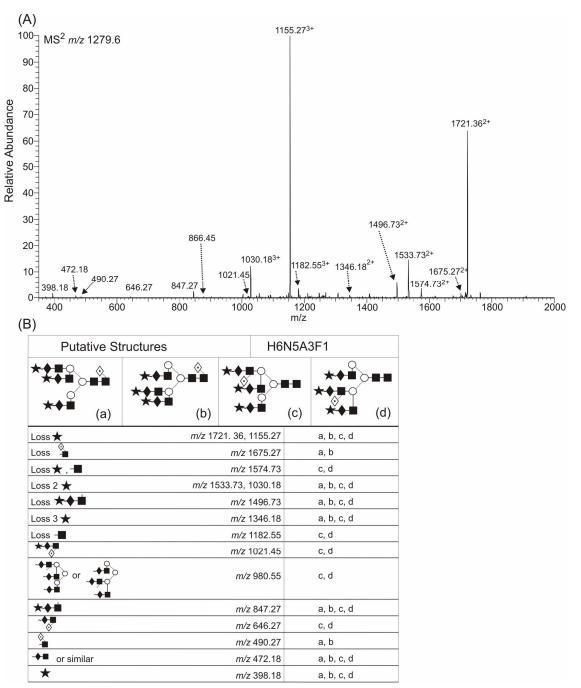


Figure S2. MS^2 positive ion ESI-ion trap mass spectrum of m/z 1502.8 with putative structures. Dotted lines from sialic acid signifies that linkage could be to the 3- or 6-position.

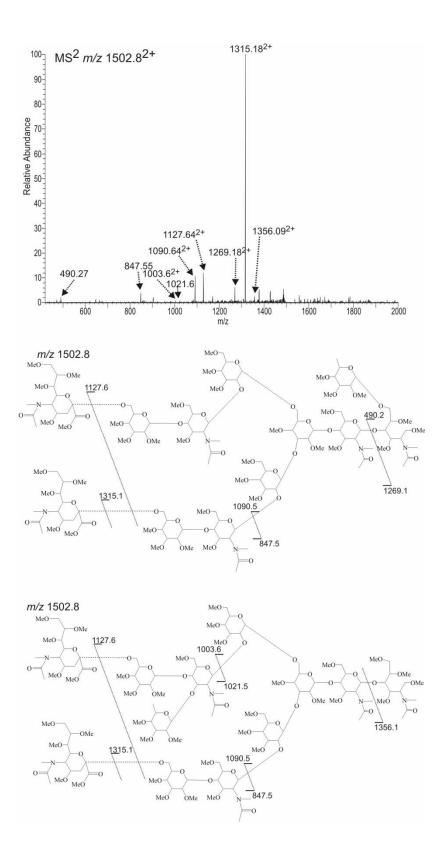
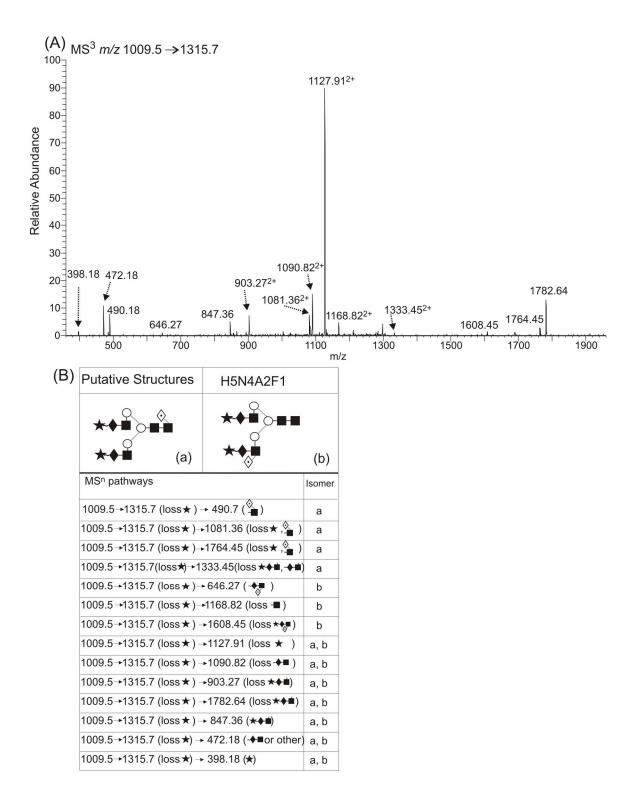


Figure S3. (A) MS³ positive ion ESI-ion trap mass spectrum of m/z 1009.5 \rightarrow 1315.73. Peaks labeled in the spectrum are possible in both isomers. (B) Detailed isomer characterization.



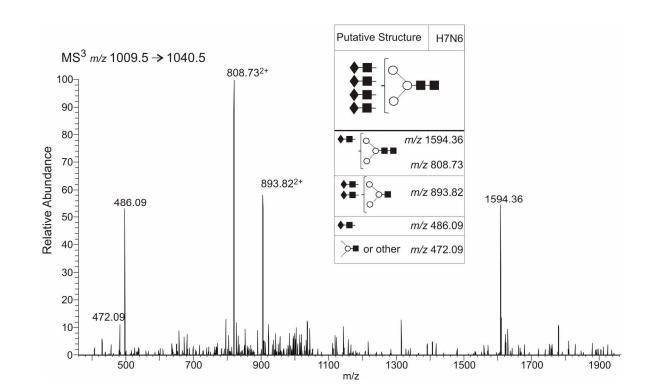
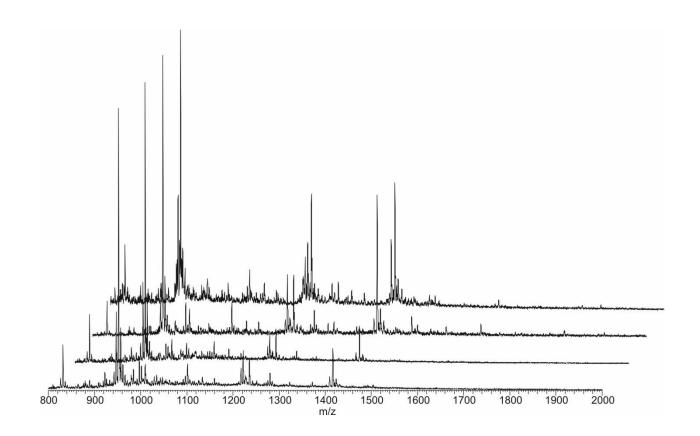


Figure S4. MS³ positive ion ESI-ion trap mass spectrum of m/z 1009.5 \rightarrow 1040.

Figure S5. Positive ion ESI ion trap mass spectra of IgG depleted human plasma sample. Samples were all prepared separately on different days and have good reproducibility.



m/z	Rel. Abund.	Rel. Abund.	Rel. Abund.	Rel. Abund.
831.45	17	11	12	21
951.91	100	100	100	100
956.91	22	22	22	19
1001.82	7	9	13	7
1009.91	9	9	10	11
1101.64	8	12	14	14
1133.64	6	6	8	10
1222.00	10	21	24	19
1235.64	11	23	24	53
1280.00	5	9	10	9
1322.64	3	5	4	9
1416.18	13	51	52	56
1491.09	3	6	8	6
1640.82	1	4	6	5

Table S1. Comparative relative abundances for 14 ions, from the spectra shown in Fig. S5.