Francis Monetering , Nobio Monething , Nobio ,				1 Y 4!	To control of	Odet	To control of	T	
1 176-6719	Frakcija	Miereni m/z	Naboj	Izračunati [MProAH]+	Teorijski [MProAH]+	Odstupanje (teor - izr)	Teorijski (MHI+ (Da)	Skraćeno	Kompozicija
1992-4553	1		1					H3N2F1	(Hex)3 (HexNAc)2 (Deoxyhexose)1
349, 2668 2								H4N2	
19. 19.									
4 1397519 2 1488.86603 1498.81873 -0.122 1296.4473 1490.75									
Sep 1979-117 2 1779-56.519 1779-7620 1.131 1500-0722 1606 1779-7670 1.137-2577 1.137-2577 1.0069 1403.05173 1.130.2573									
Sec. Mail: 177.45778 1. 1772.65771 3. 1772.65771 3. 0.0069 1153.34513 14MA2Phota									
5.									
1,454,4695 1 1644,4695 1 1644,4695 1 1644,4695 1 1644,4695 1 1645,4695									
Fig. 1, 1987 1987									
8 943.2940 2 2 1885.58073 1985.80413 - 0.223 1986.63113 HONET									
99. 922.81956 2 2 1846.62193 1944.77753 — 0.146 1925.60453 HANFT Sheoti HeanNel2 (Decophesos) F (Man)3(GinNel)2 90. 904.3253 2 2 127.64333 1272.81723 — 0.170 1905.60473 HANFT (Sheoti HeanNel2) (Decophesos) F (Man)3(GinNel)2 91. 904.3253 2 2 127.64333 1272.81723 — 0.170 1905.60473 HANFT (Sheoti HeanNel2) (Decophesos) F (Man)3(GinNel)2 92.81956 2 1846.65193 1944.77753 — 0.146 1825.60453 HANFT Heat) (HeanNel2) (Decophesos) F (Man)3(GinNel)2 93. 92.81956 2 1846.65193 1944.77753 — 0.146 1825.60453 HANFT Heat) (HeanNel2) (Decophesos) F (Man)3(GinNel)2 93. 93. 193. 193. 193. 193. 193. 193. 19									
96									
92 1064.3253 2 2 1272.64333 2127.81373 -0.170 1508.64073 H4NEFT Sulph1 (Hext) (HextNac)3 (Descyherose)1 (Sulph)1 + (Man)3 (GlcNAc)2 (100.822.8156 2 1844.6313) 1844.7753 -0.146 1505.60453 H4NEFT (Hext) (HextNac)3 (Descyherose)1 + (Man)3 (GlcNAc)2 (100.822.9759 2 1.067.574453 1607.69033 -0.182 1886.28603 H4NS H4NEFT (Hext) (HextNac)3 (Man)3 (GlcNAc)2 (100.822.916) 1.00.822.916 2 1901.61693 1901.79003 -0.182 1886.28603 H4NS H4NEFT (Hext) (HextNac)3 (Man)3 (GlcNAc)2 (100.822.916) 2 1844.63133 1844.77755 -0.146 1026.06043 H4NSF1 (Hext) (HextNac)3 (Man)3 (GlcNAc)2 (100.822.916) 2 1846.63133 1860.77243 -0.172 1641.59043 H4NSF1 (Hext) (HextNac)3 (Descyherose)1 + (Man)3 (GlcNAc)2 (100.822.916) 2 1844.63133 1844.77755 -0.146 1026.0403 H4NSF1 (Hext) (HextNac)3 (Descyherose)1 + (Man)3 (GlcNAc)2 (100.822.916) 2 1844.63133 1844.77755 -0.146 1026.0403 H4NSF1 (Hext) (HextNac)3 (Descyherose)1 + (Man)3 (GlcNAc)2 (100.822.916) 2 1844.63133 1844.77753 -0.146 1026.0403 H4NSF1 (Hext) (HextNac)3 (Descyherose)1 + (Man)3 (GlcNAc)2 (100.822.916) 2 1645.52233 1616.69043 -0.134 1897.49343 H5NSF1 (Hext) (HextNac)3 (Descyherose)1 + (Man)3 (GlcNAc)2 (100.822.916) 2 1645.52233 1616.69043 -0.134 1897.49343 H5NSF1 (Hext) (HextNac)3 (Descyherose)1 + (Man)3 (GlcNAc)2 (100.822.916) 2 1645.52223 1616.69043 -0.134 1897.49343 H5NSF1 (Hext) (HextNac)3 (Descyherose)1 + (Man)3 (GlcNAc)2 (100.822.916) 2 1645.52227 1614.69023 1600.77243 -0.172 1641.59043 H5NSF1 (Hext) (HextNac)3 (Descyherose)1 + (Man)3 (GlcNAc)2 (100.822.916) 2 1600.6903 100.822.91 1600.6903 10									
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13 808.7699 2 1616.53253 1616.86643 -0.134 1397.49343 H6N2 (Hex)3 + (Man)3(GlcNAc)2 148									
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18a 1003.8367 2 2006.66613 2006.83033 -0.164 1787.65733 H5N4F1 (Hex)2 (Hex)Ac)2 (Dexyhexose)1 + (Man)3 (GlcNAc)2 18b 1169.8927 2 2338.77813 2338.95233 -0.174 2119.77933 H4N5F1S1 (Hex)1 (Hex)Ac)3 (Deoxyhexose)1 (NeuAc)1 + (Man)3 (GlcNAc)2 19a 1097.3789 2 2193.75053 2193.91483 -0.164 1974.74183 H4N5F2 (Hex)1 (Hex)Ac)3 (Deoxyhexose)2 + (Man)3 (GlcNAc)2 19b 1105.3585 2 2209.70973 2209.90973 -0.200 1990.73673 H5N5F1 (Hex)2 (Hex)Ac)3 (Deoxyhexose)1 + (Man)3 (GlcNAc)2 20.1a 1097.3789 2 2193.75053 2193.91483 -0.164 1974.74183 H4N5F2 (Hex)1 (HexNAc)3 (Deoxyhexose)2 + (Man)3 (GlcNAc)2 20.1b 889.7939 2 1778.58053 1778.71923 -0.139 1559.54623 H7N2 (Hex)4 + (Man)3 (GlcNAc)2 20.2 889.7939 2 1778.58053 1778.71923 -0.139 1559.54623 H7N2 (Hex)4 + (Man)3 (GlcNAc)2 21a 1076.8618 2 2152.71633 2152.88823 -0.172 1933.71523 H5N4F2 (Hex)2 (Hex)Ac)2 (Deoxyhexose)2 + (Man)3 (GlcNAc)2 21b 888.7789 2 1776.55052 1776.59903 -0.049 1557.42603 H6N2Phos2 (Hex)3 (Phos)2 + (Man)3 (GlcNAc)2 22a 1152.3318 2 2303.65633 2303.84582 -0.189 2084.67282 H4N5F1Sulph1HexA1 (Hex)1 (Hex)Ac)2 (Deoxyhexose)1 (NeuAc)1 + (Man)3 (GlcNAc)2 22b 1149.3710 2 2297.73473 2297.92573 -0.191 2078.75273 H5N4F1S1 (Hex)2 (HexNAc)2 (Deoxyhexose)1 (NeuAc)1 + (Man)3 (GlcNAc)2 23a 1076.3463 2 2151.68533 2151.86783 -0.183 1932.69483 H5N4S1 (Hex)2 (HexNAc)2 (Deoxyhexose)1 (NeuAc)1 + (Man)3 (GlcNAc)2 23a 1076.3463 2 2338.74833 2338.95233 -0.204 2119.77933 H4N5F1S1 (Hex)2 (HexNAc)3 (Deoxyhexose)1 (NeuAc)1 + (Man)3 (GlcNAc)2 23a 1076.3463 2 2338.74833 2338.95233 -0.204 2119.77933 H4N5F1S1 (Hex)2 (HexNAc)3 (Deoxyhexose)1 (NeuAc)1 + (Man)3 (GlcNAc)2 23a 1076.3463 2 2338.74833 2338.95233 -0.204 2119.77933 H4N5F1S1 (Hex)2 (HexNAc)3 (Deoxyhexose)1 (NeuAc)1 + (Man)3 (GlcNAc)2 24a 1178.3860	17c	1032.3521		2063.69693	2063.85183	-0.155	1844.67883		
18b 1169.8927 2 2338.77813 2338.95233 -0.174 2119.77933 H4N5F1S1 (Hex)1 (Hex)Ac)3 (Deoxyhexose)1 (NeuAc)1 + (Man)3(GicNAc)2 19a 1097.3789 2 2193.75053 2193.91483 -0.164 1974.74183 H4N5F2 (Hex)1 (HexNAc)3 (Deoxyhexose)2 + (Man)3 (GicNAc)2 19b 1105.3585 2 2209.70973 2209.90973 -0.200 1990.73673 H5N5F1 (Hex)2 (Hex)4 (Hex)3 (Deoxyhexose)1 + (Man)3 (GicNAc)2 20.1a 1097.3789 2 2193.75053 2193.91483 -0.164 1974.74183 H4N5F2 (Hex)1 (Hex)4 (Hex)3 (Deoxyhexose)2 + (Man)3 (GicNAc)2 20.1b 889.7939 2 1778.58053 1778.71923 -0.139 1559.54623 H7N2 (Hex)4 + (Man)3 (GicNAc)2 20.2 889.7939 2 1778.58053 1778.71923 -0.139 1559.54623 H7N2 (Hex)4 + (Man)3 (GicNAc)2 21a 1076.8618 2 2152.7163 2152.88823 -0.172 1933.71523 H5N4F2 (Hex)4 (Mex)4 (Deoxyhexose)2 + (Man)3 (GicNAc)2 21b 888.7789 2 1776.55052 1776.59903 -0.049 1557.42603 H6N2Phos2 (Hex)3 (Phos)2 + (Man)3 (GicNAc)2 22a 1152.3318 2 2303.65633 2303.84582 -0.189 2084.67282 H4N5F1Sulph1HexA1 (Hex)1 (HexNAc)3 (Deoxyhexose)1 (HexA)1 (Sulph)1 + (Man)3 (GicNAc)2 22b 1149.3710 2 2297.73473 2297.92573 -0.191 2078.75273 H5N4F1S1 (Hex)2 (Hex)2 (HexNAc)2 (Deoxyhexose)1 (NeuAc)1 + (Man)3 (GicNAc)2 23a 1076.3463 2 2151.68533 2151.86783 -0.183 1932.69483 H5N4S1 (Hex)2 (HexNAc)2 (Deoxyhexose)1 (NeuAc)1 + (Man)3 (GicNAc)2 23c 983.3279 2 1965.64853 1965.80373 -0.204 2119.77933 H4N5F1S1 (Hex)2 (HexNAc)3 (Deoxyhexose)1 (NeuAc)1 + (Man)3 (GicNAc)2 24a 1178.3860 2 2358.76473 2358.96763 -0.203 2136.79463 H5N5F2 (Hex)2 (HexNAc)2 (Deoxyhexose)1 (NeuAc)1 + (Man)3 (GicNAc)2 24b 1084.8528 2 2168.6933 2168.88313 -0.185 1949.71013 H6N4F1 (Hex)3 (Hex)3 (Hex)Ac)2 (Deoxyhexose)1 + (Man)3 (GicNAc)2 25a 970.8061 2 1940.60493 1940.77203 -0.167 1721.59903 H8N2 (Hex)5 + (Man)3 (GicNAc)2	17d	902.3079	2	1803.60853	1803.75093	-0.142	1584.57793		(Hex)2 (HexNAc)1 (Deoxyhexose)1 + (Man)3(GlcNAc)2
19a 1097.3789 2 2193.75053 2193.91483 -0.164 1974.74183 H4N5F2 (Hex)1 (Hex)Ac)3 (Deoxyhexose)2 + (Man)3 (GlcNAc)2 19b 1105.3585 2 2209.70973 2209.90973 -0.200 1990.73673 H5N5F1 (Hex)2 (Hex)Ac)3 (Deoxyhexose)1 + (Man)3 (GlcNAc)2 20.1a 1097.3789 2 2193.75053 2193.91483 -0.164 1974.74183 H4N5F2 (Hex)1 (Hex)Ac)3 (Deoxyhexose)2 + (Man)3 (GlcNAc)2 20.1b 889.7939 2 1778.58053 1778.71923 -0.139 1559.54623 H7N2 (Hex)4 + (Man)3 (GlcNAc)2 20.2 889.7939 2 1778.58053 1778.71923 -0.139 1559.54623 H7N2 (Hex)4 + (Man)3 (GlcNAc)2 21a 1076.3618 2 2152.71633 2152.88823 -0.172 1933.71523 H5N4F2 (Hex)2 (Hex)4 + (Man)3 (GlcNAc)2 21b 888.7789 2 1776.55052 1776.59093 -0.049 1557.42603 H6NP2hos2 (Hex)3 (Phos)2 + (Man)3 (GlcNAc)2 22a 1152.3318 2 2303.65633 2303.84582 -0.189 2084.67282 H4N5F1Sulph1HexA1 (Hex)1 (Hex)Ac)3 (Deoxyhexose)1 (HexA)1 (Sulph)1 + (Man)3 (GlcNAc)2 23a 1076.3463 2 2151.68533 2151.86783 -0.183 1932.69483 H5N4S1 (Hex)2 (Hex)Ac)2 (NeuAc)1 + (Man)3 (GlcNAc)2 23b 1169.8778 2 2338.74833 2338.95233 -0.204 2119.77933 H4N5F1S1 (Hex)2 (Hex)4 (Pex)2 (NeuAc)1 + (Man)3 (GlcNAc)2 24a 1178.3860 2 2355.76473 2355.96763 -0.203 2136.79463 H5N5F2 (Hex)3 (Hex)3 (Hex)3 (Deoxyhexose)1 (NeuAc)1 + (Man)3 (GlcNAc)2 24c 1242.8794 2 2484.75153 2485.01023 -0.259 2265.83723 H4N5F2S1 (Hex)1 (Hex)Ac)3 (Deoxyhexose)2 (NeuAc)1 + (Man)3 (GlcNAc)2 25a 970.8061 2 1940.60493 1940.77203 -0.167 1721.59903 H8N2 (Hex)5 (Man)3 (GlcNAc)2	18a	1003.8367	2	2006.66613	2006.83033	-0.164	1787.65733		
19b 1105.3585 2 2209.70973 2209.90973 -0.200 1990.73673 H5N5F1 (Hex)2 (HexNAc)3 (Deoxyhexose)1 + (Man)3 (GicNAc)2 20.1a 1097.3789 2 2193.75053 2193.91483 -0.164 1974.74183 H4N5F2 (Hex)1 (HexNAc)3 (Deoxyhexose)2 + (Man)3 (GicNAc)2 20.1b 889.7939 2 1778.58053 1778.71923 -0.139 1559.54623 H7N2 (Hex)4 + (Man)3 (GicNAc)2 20.2 889.7939 2 1778.58053 1778.71923 -0.139 1559.54623 H7N2 (Hex)4 + (Man)3 (GicNAc)2 21a 1076.8618 2 2152.71633 2152.88823 -0.172 1933.71523 H5N4F2 (Hex)2 (Hex)4 - (Man)3 (GicNAc)2 21b 888.7789 2 1776.55052 1776.59903 -0.049 1557.42603 H6N2Phos2 (Hex)3 (Phos)2 + (Man)3 (GicNAc)2 22a 1152.3318 2 2303.65633 2303.84582 -0.189 2084.67282 H4N5F1Sulph1HexA1 (Hex)1 (HexNAc)3 (Deoxyhexose)1 (NeuAc)1 + (Man)3 (GicNAc)2 23a 1076.3463 2 2151.68533 2151.86783 -0.183 1932.69483 H5N4S1 (Hex)2 (HexNAc)2 (Deoxyhexose)1 (NeuAc)1 + (Man)3 (GicNAc)2 23b 1169.8778 2 2338.74833 2338.95233 -0.204 2119.77933 H4N5F1S1 (Hex)1 (Hex)1 (HexNAc)2 (Deoxyhexose)1 (NeuAc)1 + (Man)3 (GicNAc)2 24a 1178.3860 2 2355.76473 2355.96763 -0.203 2136.79463 H5N5F2 (Hex)3 (Hex)3 (HexNAc)2 (Deoxyhexose)1 (MeuAc)1 + (Man)3 (GicNAc)2 24c 1242.8794 2 2484.75153 2485.01023 -0.259 2265.83723 H4N5F2S1 (Hex)4 (Hex)1 (HexNAc)3 (Deoxyhexose)2 (NeuAc)1 + (Man)3 (GicNAc)2 25a 970.8061 2 1940.60493 1940.77203 -0.167 1721.59903 H8N2 (Hex)5 (Man)3 (GicNAc)2	18b	1169.8927	2	2338.77813	2338.95233	-0.174	2119.77933		(Hex)1 (HexNAc)3 (Deoxyhexose)1 (NeuAc)1 + (Man)3(GicNAc)2
20.1a 1097.3789 2 2193.75053 2193.91483 -0.164 1974.74183 H4N5F2 (Hex)1 (HexNAc)3 (Deoxyhexose)2 + (Man)3 (GicNAc)2	19a	1097.3789	2	2193.75053	2193.91483	-0.164	1974.74183	H4N5F2	(Hex)1 (HexNAc)3 (Deoxyhexose)2 + (Man)3(GlcNAc)2
20.1b 889,7939 2 1778,58053 1778,71923 -0.139 1559,54623 H7N2 (Hex)4 + (Man)3(GlcNAc)2 20.2 889,7939 2 1778,58053 1778,71923 -0.139 1559,54623 H7N2 (Hex)4 + (Man)3(GlcNAc)2 21a 1076,8618 2 2152,71633 2152,88823 -0.172 1933,71523 H5N4F2 (Hex)2 (HexNAc)2 (Deoxyhexose)2 + (Man)3(GlcNAc)2 21b 888,7789 2 1776,55052 1776,59903 -0.049 1557,42603 H6N2Phos2 (Hex)3 (Phos)2 + (Man)3(GlcNAc)2 22a 1152,3318 2 2303,65633 2303,84582 -0.189 2084,67282 H4N5F1Sulph1HexA1 (Hex)1 (HexNAc)3 (Deoxyhexose)1 (NeuAc)1 + (Man)3(GlcNAc)2 22b 1149,3710 2 2297,73473 2297,92573 -0.191 2078,75273 H5N4F1S1 (Hex)2 (HexNAc)2 (Deoxyhexose)1 (NeuAc)1 + (Man)3(GlcNAc)2 23b 1169,8778 2 2338,74833 2338,95233 -0.204 2119,77933 H4N5F1S1 (Hex)2 (HexNAc)2 (Deoxyhexose)1 (NeuAc)1 + (Man)3(GlcNAc)2 24a 1178,3860 2	19b	1105.3585	2	2209.70973	2209.90973	-0.200	1990.73673		
20.2 889,7939 2 1778,58053 1778,71923 -0.139 1559,54623 H7N2 (Hex)4 + (Man)3(GicNAc)2 21a 1076,8618 2 2152,71633 2152,88823 -0.172 1933,71523 H5N4F2 (Hex)2 (Hex)Ac)2 (Deoxyhexose)2 + (Man)3(GicNAc)2 21b 888,7789 2 1776,55052 1776,59903 -0.049 1557,42603 H6N2Phos2 (Hex)3 (Phos)2 + (Man)3(GicNAc)2 22a 1152,3318 2 2303,65633 2303,84582 -0.189 2084,67282 H4N5F1Sulph1HexA1 (Hex)1 (Hex)Ac)3 (Deoxyhexose)1 (HexA)1 (Sulph)1 + (Man)3(GicNAc)2 22b 1149,3710 2 2297,73473 2297,92573 -0.191 2078,75273 H5N4F1S1 (Hex)2 (Hex)Ac)2 (Deoxyhexose)1 (NeuAc)1 + (Man)3(GicNAc)2 23a 1076,3463 2 2151,68533 2151,86783 -0.183 1932,69483 H5N4S1 (Hex)2 (Hex)Ac)2 (Hex)Ac)2 (Hex)Ac)2 (Hex)Ac)2 (Hex)Ac)3 (Hex)2 (Hex)Ac)3 (Hex)4 (He	20.1a	1097.3789	2	2193.75053	2193.91483	-0.164	1974.74183	H4N5F2	(Hex)1 (HexNAc)3 (Deoxyhexose)2 + (Man)3(GlcNAc)2
21a 1076.8618 2 2152.71633 2152.88823 -0.172 1933.71523 H5N4F2 (Hex)2 (HexNAc)2 (Deoxyhexose)2 + (Man)3 (GlcNAc)2 21b 888.7789 2 1776.55052 1776.59903 -0.049 1557.42603 H6N2Phos2 (Hex)3 (Phos)2 + (Man)3 (GlcNAc)2 22a 1152.3318 2 2303.65633 2303.84582 -0.189 2084.67282 H4N5F1Sulph1HexA1 (Hex)1 (HexNAc)3 (Deoxyhexose)1 (HexA)1 (Sulph)1 + (Man)3 (GlcNAc)2 22b 1149.3710 2 2297.73473 2297.92573 -0.191 2078.75273 H5N4F1S1 (Hex)2 (HexNAc)2 (Deoxyhexose)1 (NeuAc)1 + (Man)3 (GlcNAc)2 23a 1076.3463 2 2151.68533 2515.86783 -0.183 1932.69483 H5N4S1 (Hex)2 (HexNAc)2 (NeuAc)1 + (Man)3 (GlcNAc)2 23b 1169.8778 2 2338.74833 2338.95233 -0.204 2119.77933 H4N5F1S1 (Hex)1 (HexNAc)3 (Deoxyhexose)1 (NeuAc)1 + (Man)3 (GlcNAc)2 24a 1178.3860 2 2355.76473 2355.96763 -0.203 2136.79463 H5N5F2 (Hex)2 (HexNAc)2 (Deoxyhexose)1 + (Man)3 (GlcNAc)2	20.1b	889.7939	2	1778.58053	1778.71923	-0.139	1559.54623	H7N2	(Hex)4 + (Man)3(GlcNAc)2
21b 888.7789 2 1776.55952 1776.59903 -0.049 1557.42603 H6N2Phos2 (Hex)3 (Phos)2 + (Man)3(GicNAc)2 22a 1152.3318 2 2303.65633 2303.84582 -0.189 2084.67282 H4N5F1Sulph1HexA1 (Hex)1 (Hex)Ac)3 (Deoxyhexose)1 (HexA)1 (Sulph)1 + (Man)3(GicNAc)2 22b 1149.3710 2 2297.73473 2297.92573 -0.191 2078.75273 H5N4F1S1 (Hex)2 (HexNAc)2 (Deoxyhexose)1 (NeuAc)1 + (Man)3(GicNAc)2 23a 1076.3463 2 2151.68533 2151.86783 -0.183 1932.69483 H5N4S1 (Hex)2 (HexNAc)2 (NeuAc)1 + (Man)3(GicNAc)2 23b 1169.8778 2 2338.74833 2338.95233 -0.204 2119.77933 H4N5F1S1 (Hex)1 (Hex)Ac)3 (Deoxyhexose)1 (NeuAc)1 + (Man)3(GicNAc)2 23c 983.3279 2 1965.64853 1965.80373 -0.155 1746.63073 H6N3F1 (Hex)3 (Hex)4 (Deoxyhexose)1 + (Man)3(GicNAc)2 24a 1178.3860 2 2355.76473 2355.96763 -0.203 2136.79463 H5N5F2 (Hex)2 (HexNAc)3 (Deoxyhexose)2 + (Man)3(GicNAc)2 24b 1084.8528 2 2168.69833 2168.88313 -0.185 1949.71013 H6N4F1 (Hex)3 (HexNAc)2 (Deoxyhexose)1 + (Man)3(GicNAc)2 24c 1242.8794 2 2484.75153 2485.01023 -0.259 2265.83723 H4N5F2S1 (Hex)4 (Hex)3 (Deoxyhexose)2 (NeuAc)1 + (Man)3(GicNAc)2 25a 970.8061 2 1940.60493 1940.77203 -0.167 1721.59903 H8N2 (Hex)5 + (Man)3(GicNAc)2	20.2	889.7939	2	1778.58053	1778.71923	-0.139	1559.54623		(Hex)4 + (Man)3(GlcNAc)2
22a 1152.3318 2 2303.65633 2303.84582 -0.189 2084.67282 H4N5F1Sulph1HexA1 (Hex)1 (Hex)A(c)3 (Deoxyhexose)1 (HexA)1 (Sulph)1 + (Man)3(GicNAc)2 22b 1149.3710 2 2297.73473 2297.92573 -0.191 2078.75273 H5N4F1S1 (Hex)2 (HexNAc)2 (Deoxyhexose)1 (NeuAc)1 + (Man)3(GicNAc)2 23a 1076.3463 2 2151.68533 2151.86783 -0.183 1932.69483 H5N4S1 (Hex)2 (HexNAc)2 (NeuAc)1 + (Man)3(GicNAc)2 23b 1169.8778 2 2338.74833 2338.95233 -0.204 2119.77933 H4N5F1S1 (Hex)1 (HexNAc)3 (Deoxyhexose)1 (NeuAc)1 + (Man)3(GicNAc)2 23c 983.3279 2 1965.64853 1965.80373 -0.155 1746.63073 H6N3F1 (Hex)3 (HexNAc)1 (Deoxyhexose)1 + (Man)3(GicNAc)2 24a 1178.3860 2 2355.76473 2355.96763 -0.203 2136.79463 H5N5F2 (Hex)2 (HexNAc)3 (Deoxyhexose)2 + (Man)3(GicNAc)2 24b 1084.8528 2 2168.69833 2168.88313 -0.185 1949.71013 H6N4F1 (Hex)3 (HexNAc)2 (Deoxyhexose)1 + (Man)3(GicNAc)2 <	21a	1076.8618	2	2152.71633	2152.88823	-0.172	1933.71523	H5N4F2	(Hex)2 (HexNAc)2 (Deoxyhexose)2 + (Man)3(GlcNAc)2
22b 1149.3710 2 2297.73473 2297.92573 -0.191 2078.75273 H5N4F1S1 (Hex)2 (HexNAc)2 (Deoxyhexose)1 (NeuAc)1 + (Man)3(GlcNAc)2 23a 1076.3463 2 2151.68533 2151.86783 -0.183 1932.69483 H5N4S1 (Hex)2 (HexNAc)2 (NeuAc)1 + (Man)3(GlcNAc)2 23b 1169.8778 2 2338.74833 2338.95233 -0.204 2119.77933 H4N5F1S1 (Hex)1 (HexNAc)3 (Deoxyhexose)1 (NeuAc)1 + (Man)3(GlcNAc)2 23c 983.3279 2 1965.64853 1965.80373 -0.155 1746.63073 H6N3F1 (Hex)3 (HexNAc)1 (Deoxyhexose)1 + (Man)3(GlcNAc)2 24a 1178.3860 2 2355.76473 2355.96763 -0.203 2136.79463 H5N5F2 (Hex)2 (HexNAc)3 (Deoxyhexose)2 + (Man)3(GlcNAc)2 24b 1084.8528 2 2168.69833 2168.88313 -0.185 1949.71013 H6N4F1 (Hex)3 (HexNAc)2 (Deoxyhexose)1 + (Man)3(GlcNAc)2 24c 1242.8794 2 2484.75153 2485.01023 -0.259 2265.83723 H4N5F2S1 (Hex)1 (Hex)3 (GlcNAc)2 25a 970.8061	21b	888.7789	2	1776.55052	1776.59903	-0.049	1557.42603	H6N2Phos2	(Hex)3 (Phos)2 + (Man)3(GlcNAc)2
23a 1076.3463 2 2151.68533 2151.86783 -0.183 1932.69483 H5N4S1 (Hex)2 (HexNAc)2 (NeuAc)1 + (Man)3(GlcNAc)2 23b 1169.8778 2 2338.74833 2338.95233 -0.204 2119.77933 H4N5F1S1 (Hex)1 (HexNAc)3 (Deoxyhexose)1 (NeuAc)1 + (Man)3(GlcNAc)2 23c 983.3279 2 1965.64853 1965.80373 -0.155 1746.63073 H6N3F1 (Hex)3 (HexNAc)1 (Deoxyhexose)1 + (Man)3(GlcNAc)2 24a 1178.3860 2 2355.76473 2355.96763 -0.203 2136.79463 H5N5F2 (Hex)2 (HexNAc)3 (Deoxyhexose)2 + (Man)3(GlcNAc)2 24b 1084.8528 2 2168.69833 2168.88313 -0.185 1949.71013 H6N4F1 (Hex)3 (HexNAc)2 (Deoxyhexose)1 + (Man)3(GlcNAc)2 24c 1242.8794 2 2484.75153 2485.01023 -0.259 2265.83723 H4N5F2S1 (Hex)1 (HexNAc)3 (Deoxyhexose)2 (NeuAc)1 + (Man)3(GlcNAc)2 25a 970.8061 2 1940.60493 1940.77203 -0.167 1721.59903 H8N2 (Hex)5 + (Man)3(GlcNAc)2	22a	1152.3318	2	2303.65633	2303.84582	-0.189	2084.67282	H4N5F1Sulph1HexA1	(Hex)1 (HexNAc)3 (Deoxyhexose)1 (HexA)1 (Sulph)1 + (Man)3(GlcNAc)2
23b 1169.8778 2 2338.74833 2338.95233 -0.204 2119.77933 H4N5F1S1 (Hex)1 (Hex)Ac)3 (Deoxyhexose)1 (NeuAc)1 (Man)3(GlcNAc)2 23c 983.3279 2 1965.64853 1965.80373 -0.155 1746.63073 H6N3F1 (Hex)3 (Hex)Ac)1 (Deoxyhexose)1 + (Man)3(GlcNAc)2 24a 1178.3860 2 2355.76473 2355.96763 -0.203 2136.79463 H5N5F2 (Hex)2 (Hex)Ac)3 (Deoxyhexose)2 + (Man)3(GlcNAc)2 24b 1084.8528 2 2168.69833 2168.88313 -0.185 1949.71013 H6N4F1 (Hex)3 (Hex)Ac)2 (Deoxyhexose)1 + (Man)3(GlcNAc)2 24c 1242.8794 2 2484.75153 2485.01023 -0.259 2265.83723 H4N5F2S1 (Hex)1 (Hex)Ac)3 (Deoxyhexose)2 (NeuAc)1 + (Man)3(GlcNAc)2 25a 970.8061 2 1940.60493 1940.77203 -0.167 1721.59903 H8N2 (Hex)5 + (Man)3(GlcNAc)2	22b	1149.3710	2	2297.73473	2297.92573	-0.191	2078.75273	H5N4F1S1	(Hex)2 (HexNAc)2 (Deoxyhexose)1 (NeuAc)1 + (Man)3(GlcNAc)2
23c 983.3279 2 1965.64853 1965.80373 -0.155 1746.63073 H6N3F1 (Hex)3 (Hex)Ac)1 (Deoxyhexose)1 + (Man)3 (GlcNAc)2 24a 1178.3860 2 2355.76473 2355.96763 -0.203 2136.79463 H5N5F2 (Hex)2 (Hex)Ac)3 (Deoxyhexose)2 + (Man)3 (GlcNAc)2 24b 1084.8528 2 2168.69833 2168.88313 -0.185 1949.71013 H6N4F1 (Hex)3 (Hex)Ac)2 (Deoxyhexose)1 + (Man)3 (GlcNAc)2 24c 1242.8794 2 2484.75153 2485.01023 -0.259 2265.83723 H4N5F2S1 (Hex)1 (Hex)Ac)3 (Deoxyhexose)2 (NeuAc)1 + (Man)3 (GlcNAc)2 25a 970.8061 2 1940.60493 1940.77203 -0.167 1721.59903 H8N2 (Hex)5 + (Man)3 (GlcNAc)2	23a	1076.3463	2	2151.68533	2151.86783	-0.183	1932.69483	H5N4S1	(Hex)2 (HexNAc)2 (NeuAc)1 + (Man)3(GlcNAc)2
24a 1178.3860 2 2355.76473 2355.96763 -0.203 2136.79463 H5N5F2 (Hex)2 (Hex)Ac)3 (Deoxyhexose)2 + (Man)3(GicNAc)2 24b 1084.8528 2 2168.69833 2168.88313 -0.185 1949.71013 H6N4F1 (Hex)3 (HexNAc)2 (Deoxyhexose)1 + (Man)3(GicNAc)2 24c 1242.8794 2 2484.75153 2485.01023 -0.259 2265.83723 H4N5F2S1 (Hex)1 (Hex)Ac)3 (Deoxyhexose)2 (NeuAc)1 + (Man)3(GicNAc)2 25a 970.8061 2 1940.60493 1940.77203 -0.167 1721.59903 H8N2 (Hex)5 + (Man)3(GicNAc)2	23b	1169.8778	2	2338.74833	2338.95233	-0.204	2119.77933	H4N5F1S1	(Hex)1 (HexNAc)3 (Deoxyhexose)1 (NeuAc)1 + (Man)3(GlcNAc)2
24b 1084.8528 2 2168.69833 2168.88313 -0.185 1949.71013 H6N4F1 (Hex)3 (HexNAc)2 (Deoxyhexose)1 + (Man)3(GlcNAc)2 24c 1242.8794 2 2484.75153 2485.01023 -0.259 2265.83723 H4N5F2S1 (Hex)1 (HexNAc)3 (Deoxyhexose)2 (NeuAc)1 + (Man)3(GlcNAc)2 25a 970.8061 2 1940.60493 1940.77203 -0.167 1721.59903 H8N2 (Hex)5 + (Man)3(GlcNAc)2	23c	983.3279	2	1965.64853	1965.80373	-0.155	1746.63073	H6N3F1	(Hex)3 (HexNAc)1 (Deoxyhexose)1 + (Man)3(GlcNAc)2
24c 1242.8794 2 2484.75153 2485.01023 -0.259 2265.83723 H4N5F2S1 (Hex)1 (HexNAc)3 (Deoxyhexose)2 (NeuAc)1 + (Man)3(GlcNAc)2 25a 970.8061 2 1940.60493 1940.77203 -0.167 1721.59903 H8N2 (Hex)5 + (Man)3(GlcNAc)2	24a	1178.3860	2	2355.76473	2355.96763	-0.203	2136.79463	H5N5F2	(Hex)2 (HexNAc)3 (Deoxyhexose)2 + (Man)3(GlcNAc)2
24c 1242.8794 2 2484.75153 2485.01023 -0.259 2265.83723 H4N5F2S1 (Hex)1 (Hex)Ac)3 (Deoxyhexose)2 (NeuAc)1 + (Man)3(GlcNAc)2 25a 970.8061 2 1940.60493 1940.77203 -0.167 1721.59903 H8N2 (Hex)5 + (Man)3(GlcNAc)2	24b	1084.8528	2	2168.69833	2168.88313	-0.185	1949.71013	H6N4F1	(Hex)3 (HexNAc)2 (Deoxyhexose)1 + (Man)3(GlcNAc)2
25a 970.8061 2 1940.60493 1940.77203 -0.167 1721.59903 H8N2 (Hex)5 + (Man)3(GlcNAc)2		1242.8794	2				2265.83723	H4N5F2S1	(Hex)1 (HexNAc)3 (Deoxyhexose)2 (NeuAc)1 + (Man)3(GlcNAc)2
	25a	970.8061	2		1940.77203			H8N2	(Hex)5 + (Man)3(GlcNAc)2
								H5N5F2	(Hex)2 (HexNAc)3 (Deoxyhexose)2 + (Man)3(GlcNAc)2