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Operator: mw  
Date/time: 2016-06-05/7:59:46pm  
Name grp-File: HC\_N-Glycosylation  
Report Group: HC\_N-Glycosylation

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Smoothing applied to peaks printed  
Intensity scaling, most intense signals of sub-groups applied  
Automated time scaling

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**Data sets**

X: R=Reference, C=Activated for Comparison

#	X	Path
1	R	C:\massmap\web_site\reports\pepmap\final_evaluations\MAB_Demo1_t2_t1.mmp
2	C	C:\massmap\web_site\reports\pepmap\final_evaluations\MAB_Demo2_t2_t1.mmp

File Sample (S): C:\massmap\web\_site\reports\pepmap\final\_evaluations\MAB\_Demo2\_t2\_t1.mmp  
 File Reference (R): C:\massmap\web\_site\reports\pepmap\final\_evaluations\MAB\_Demo1\_t2\_t1.mmp  
 grp-File: C:\massmap\web\_site\reports\sic\lis\_etc\HC\_N-Glycosylation.grp  
 Report Group: HC\_N-Glycosylation

Signal	Pos. S [min]	Pos. R [min]	S-R [min]	Intensity S [a.u.]	Intensity R [a.u.]	S-R [a.u.]	Rat. S [%]	Rat. R [%]	S-R [%]
HC22	20.07	20.04	0.03	4934842	4876033	58809	0.40	0.36	0.04
HC22_A2FG0	18.19	18.22	-0.02	610292546	651907721	-41615176	49.09	47.98	1.11
HC22_A2FG0-GlcNAc	18.40	18.43	-0.03	26711846	33926569	-7214723	2.15	2.50	-0.35
HC22_A2FG1	18.02	18.05	-0.03	367764741	398693222	-30928481	29.58	29.34	0.24
HC22_A2FG1-GlcNAc	18.29	18.32	-0.03	11829028	13695490	-1866462	0.95	1.01	-0.06
HC22_A2FG2	17.91	17.94	-0.03	45278506	47221068	-1942562	3.64	3.48	0.17
HC22_A2G0	18.51	18.54	-0.02	41244060	50918361	-9674301	3.32	3.75	-0.43
HC22_A2G0-GlcNAc	18.63	18.66	-0.02	36333722	40317159	-3983436	2.92	2.97	-0.04
HC22_A2G1	18.40	18.43	-0.03	19757690	22350323	-2592632	1.59	1.64	-0.06
HC22_A2G1-GlcNAc	18.57	18.60	-0.03	16130293	18235982	-2105689	1.30	1.34	-0.04
HC22_A2G2S1	18.89	18.91	-0.02	32966362	36850725	-3884363	2.65	2.71	-0.06
HC22_Man5	18.46	18.43	0.03	29978643	39721603	-9742960	2.41	2.92	-0.51

Values of Characteristic Numbers

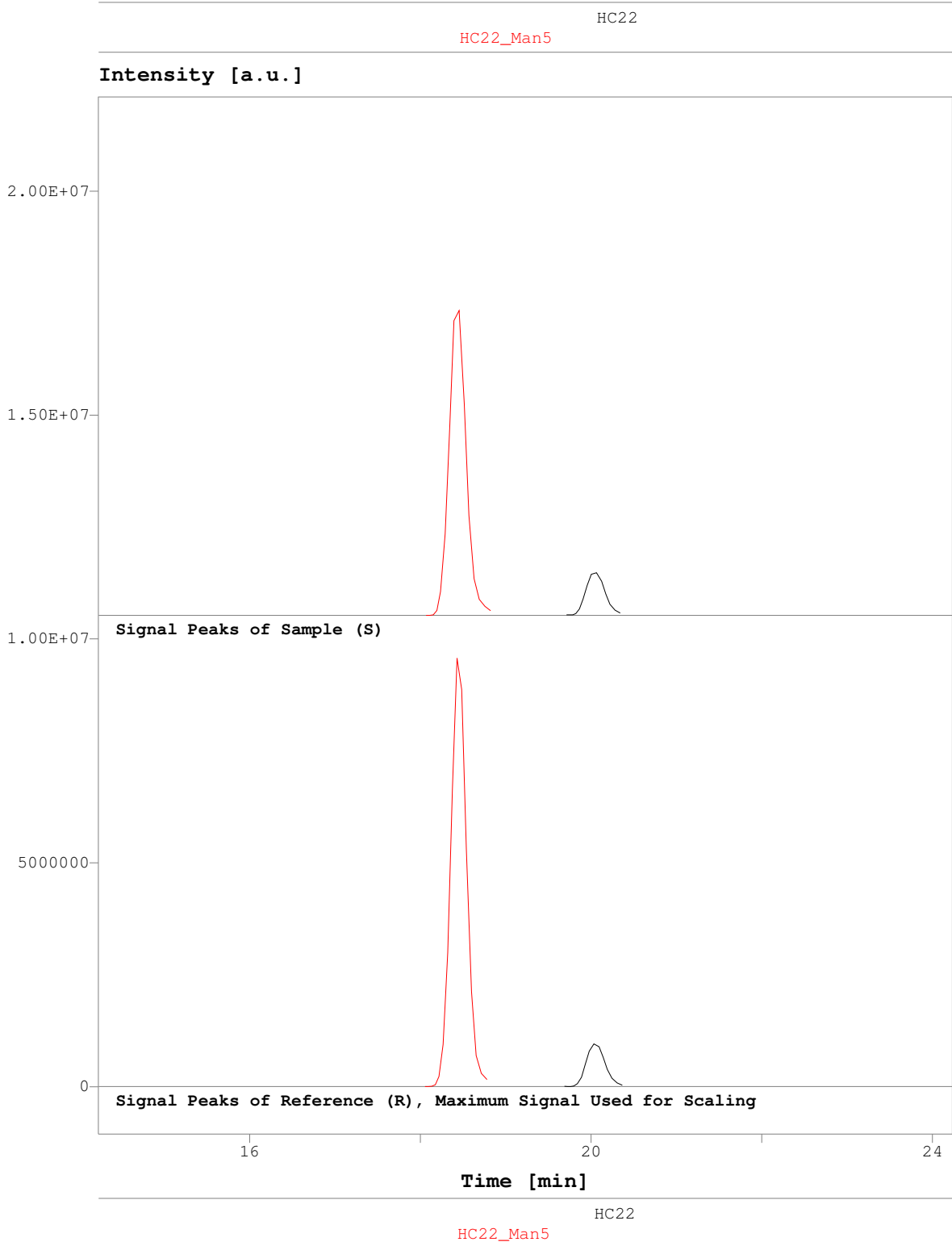
#	Name of Characteristic Number	Value S [%]	Value R [%]	S-R [%]	(S-R) / R [%]
1	Non-glycosylated	0.40	0.36	0.04	10.61
2	High Mannose	2.42	2.93	-0.51	-17.49
3	Complex type fucosylated	87.88	87.16	0.72	0.82
4	Complex type galactosylation	23.67	23.63	0.04	0.15
5	Complex type sialylation	5.76	5.93	-0.17	-2.85

Definition of Characteristic Numbers (-: signal not used, x|y: weighting factors numerator/denominator)

#	HC22	HC22_A2FG0	HC22_A2FG0-GlcNAc	HC22_A2FG1	HC22_A2FG1-GlcNAc	HC22_A2FG2	HC22_A2G0	HC22_A2G0-GlcNAc	HC22_A2G1	HC22_A2G1-GlcNAc	HC22_A2G2S1	HC22_Man5
1	1 1	0 1	0 1	0 1	0 1	0 1	0 1	0 1	0 1	0 1	0 1	0 1
2	-	0 1	0 1	0 1	0 1	0 1	0 1	0 1	0 1	0 1	0 1	1 1
3	-	1 1	1 1	1 1	1 1	1 1	0 1	0 1	0 1	0 1	0 1	-
4	-	0 2	0 2	1 2	1 2	2 2	0 2	0 2	1 2	1 2	2 2	-
5	-	-	-	0 1	0 1	0 2	-	-	0 1	0 1	1 2	-

File Sample (S): C:\massmap\web\_site\reports\pepmap\final\_evaluations\MAB\_Demo2\_t2\_t1.mmp  
 File Reference (R): C:\massmap\web\_site\reports\pepmap\final\_evaluations\MAB\_Demo1\_t2\_t1.mmp  
 grp-File: C:\massmap\web\_site\reports\sic\lis\_etc\HC\_N-Glycosylation.grp  
 Report Group: HC\_N-Glycosylation

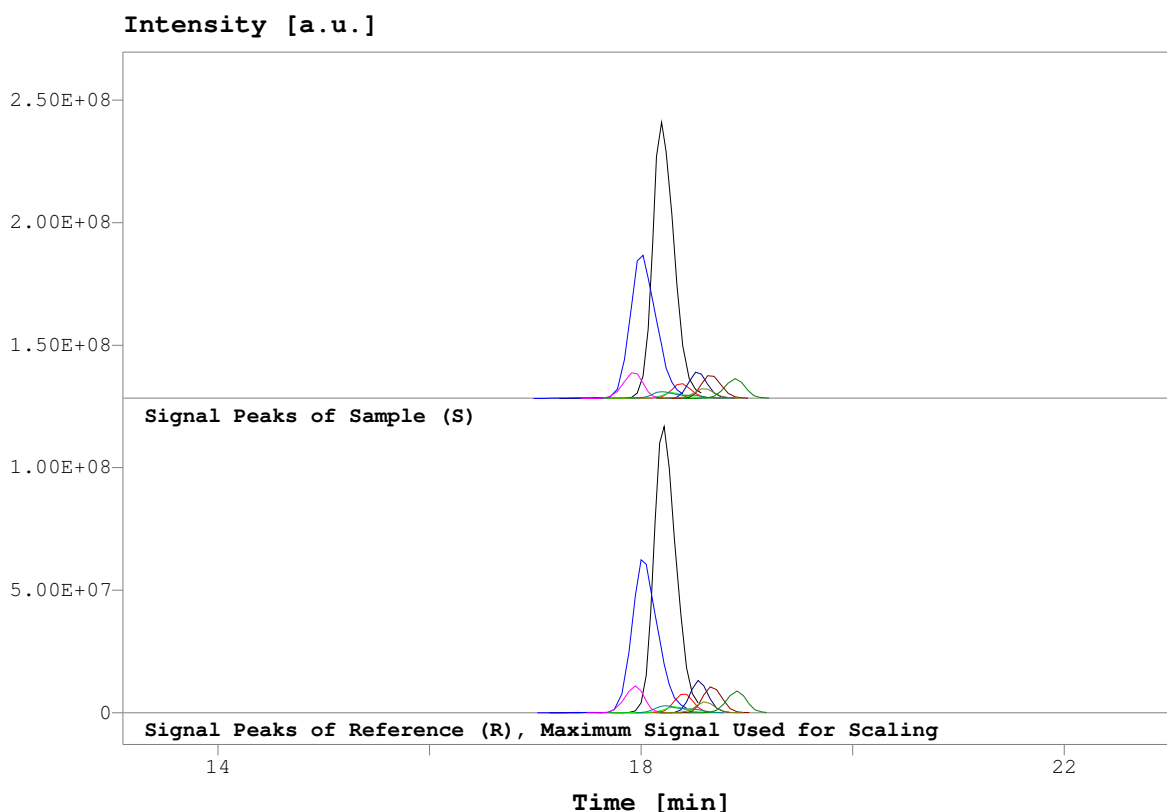
Signal	Pos. S [min]	Pos. R [min]	S-R [min]	Intensity S [a.u.]	Intensity R [a.u.]	S-R [a.u.]	Sub% S	Sub% R	S-R
HC22	20.07	20.04	0.03	4934842	4876033	58809	14.13	10.93	3.20
HC22_Man5	18.46	18.43	0.03	29978643	39721603	-9742960	85.87	89.07	-3.20



File Sample (S): C:\massmap\web\_site\reports\pepmap\final\_evaluations\MAB\_Demo2\_t2\_t1.mmp  
 File Reference (R): C:\massmap\web\_site\reports\pepmap\final\_evaluations\MAB\_Demo1\_t2\_t1.mmp  
 grp-File: C:\massmap\web\_site\reports\sic\lis\_etc\HC\_N-Glycosylation.grp  
 Report Group: HC\_N-Glycosylation

Signal	Pos. S [min]	Pos. R [min]	S-R [min]	Intensity S [a.u.]	Intensity R [a.u.]	S-R [a.u.]	Sub% S	Sub% R	S-R
HC22_A2FG0	18.19	18.22	-0.02	610292546	651907721	-41615176	50.51	49.61	0.90
HC22_A2FG0-GlcNAc	18.40	18.43	-0.03	26711846	33926569	-7214723	2.21	2.58	-0.37
HC22_A2FG1	18.02	18.05	-0.03	367764741	398693222	-30928481	30.44	30.34	0.10
HC22_A2FG1-GlcNAc	18.29	18.32	-0.03	11829028	13695490	-1866462	0.98	1.04	-0.06
HC22_A2FG2	17.91	17.94	-0.03	45278506	47221068	-1942562	3.75	3.59	0.15
HC22_A2G0	18.51	18.54	-0.02	41244060	50918361	-9674301	3.41	3.87	-0.46
HC22_A2G0-GlcNAc	18.63	18.66	-0.02	36333722	40317159	-3983436	3.01	3.07	-0.06
HC22_A2G1	18.40	18.43	-0.03	19757690	22350323	-2592632	1.64	1.70	-0.07
HC22_A2G1-GlcNAc	18.57	18.60	-0.03	16130293	18235982	-2105689	1.33	1.39	-0.05
HC22_A2G2S1	18.89	18.91	-0.02	32966362	36850725	-3884363	2.73	2.80	-0.08

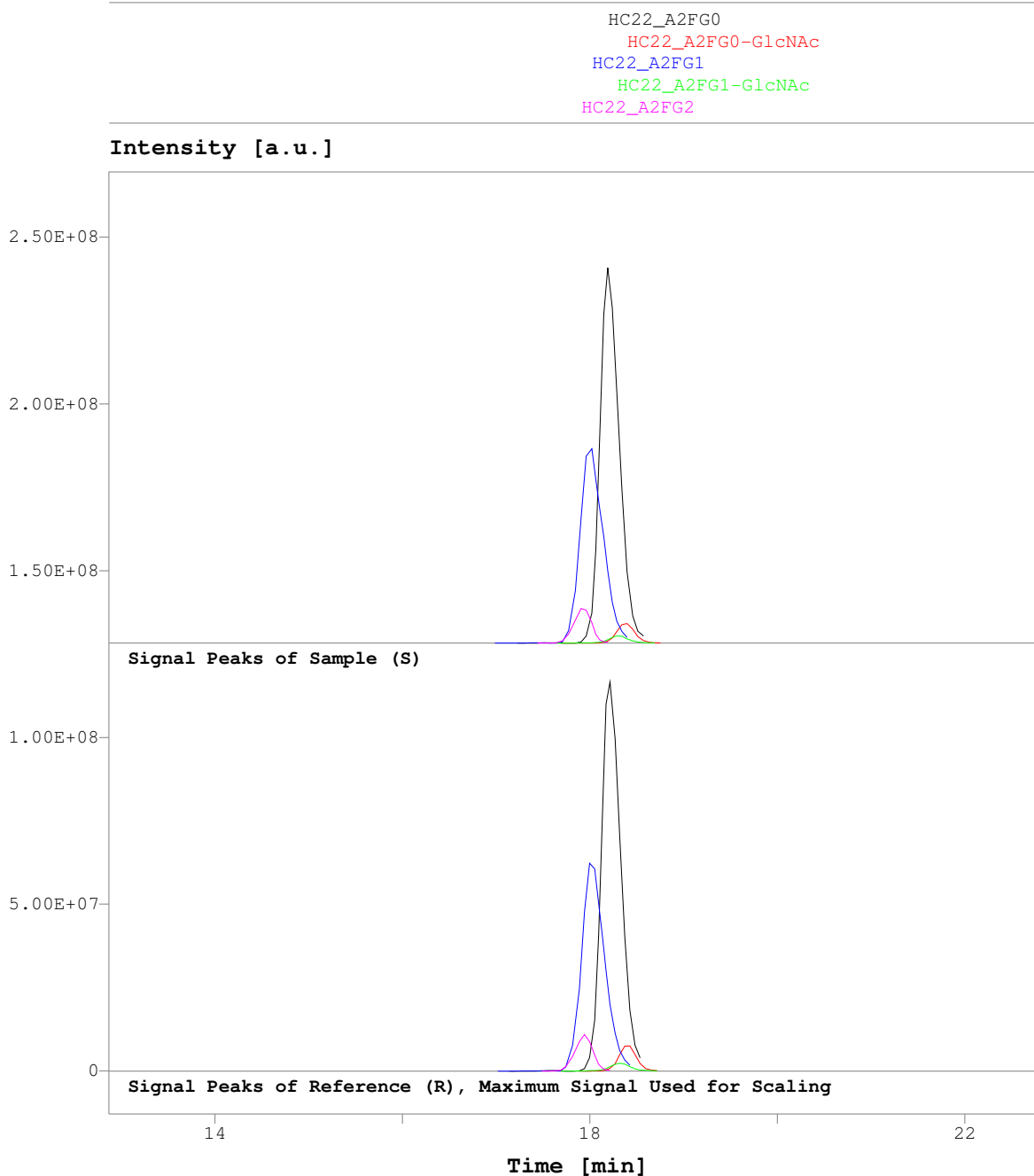
HC22\_A2FG0  
 HC22\_A2FG0-GlcNAc  
 HC22\_A2FG1  
 HC22\_A2FG1-GlcNAc  
 HC22\_A2FG2  
 HC22\_A2G0  
 HC22\_A2G0-GlcNAc  
 HC22\_A2G1  
 HC22\_A2G1-GlcNAc  
 HC22\_A2G2S1



HC22\_A2FG0  
 HC22\_A2FG0-GlcNAc  
 HC22\_A2FG1  
 HC22\_A2FG1-GlcNAc  
 HC22\_A2FG2  
 HC22\_A2G0  
 HC22\_A2G0-GlcNAc  
 HC22\_A2G1  
 HC22\_A2G1-GlcNAc  
 HC22\_A2G2S1

File Sample (S): C:\massmap\web\_site\reports\pepmap\final\_evaluations\MAB\_Demo2\_t2\_t1.mmp  
 File Reference (R): C:\massmap\web\_site\reports\pepmap\final\_evaluations\MAB\_Demo1\_t2\_t1.mmp  
 grp-File: C:\massmap\web\_site\reports\sic\lis\_etc\HC\_N-Glycosylation.grp  
 Report Group: HC\_N-Glycosylation

Signal	Pos. S [min]	Pos. R [min]	S-R [min]	Intensity S [a.u.]	Intensity R [a.u.]	S-R [a.u.]	Sub% S	Sub% R	S-R
HC22_A2FG0	18.19	18.22	-0.02	610292546	651907721	-41615176	57.47	56.91	0.56
HC22_A2FG0-GlcNAc	18.40	18.43	-0.03	26711846	33926569	-7214723	2.52	2.96	-0.45
HC22_A2FG1	18.02	18.05	-0.03	367764741	398693222	-30928481	34.63	34.81	-0.17
HC22_A2FG1-GlcNAc	18.29	18.32	-0.03	11829028	13695490	-1866462	1.11	1.20	-0.08
HC22_A2FG2	17.91	17.94	-0.03	45278506	47221068	-1942562	4.26	4.12	0.14



File Sample (S): C:\massmap\web\_site\reports\pepmap\final\_evaluations\MAB\_Demo2\_t2\_t1.mmp  
 File Reference (R): C:\massmap\web\_site\reports\pepmap\final\_evaluations\MAB\_Demo1\_t2\_t1.mmp  
 grp-File: C:\massmap\web\_site\reports\sic\lis\_etc\HC\_N-Glycosylation.grp  
 Report Group: HC\_N-Glycosylation

Signal	Pos. S [min]	Pos. R [min]	S-R [min]	Intensity S [a.u.]	Intensity R [a.u.]	S-R [a.u.]	Sub% S	Sub% R	S-R
HC22_A2G0	18.51	18.54	-0.02	41244060	50918361	-9674301	28.17	30.19	-2.02
HC22_A2G0-GlcNAc	18.63	18.66	-0.02	36333722	40317159	-3983436	24.81	23.90	0.91
HC22_A2G1	18.40	18.43	-0.03	19757690	22350323	-2592632	13.49	13.25	0.24
HC22_A2G1-GlcNAc	18.57	18.60	-0.03	16130293	18235982	-2105689	11.02	10.81	0.20
HC22_A2G2S1	18.89	18.91	-0.02	32966362	36850725	-3884363	22.51	21.85	0.67

