
Operator: mw
Date/time: 2016-06-05/8:26:27pm
Name grp-File: HC_N-Glycosylation
Report Group: HC_N-Glycosylation

Data sets

Number	Path
1	C:\massmap\web_site\reports\pepmap\final_evaluations\MAB_Demo1_t2_t1.mmp
2	C:\massmap\web_site\reports\pepmap\final_evaluations\MAB_Demo2_t2_t1.mmp
3	C:\massmap\web_site\reports\pepmap\final_evaluations\MAB_Demo3_t2_t1.mmp
4	C:\massmap\web_site\reports\pepmap\final_evaluations\MAB_Demo4_t2_t1.mmp
5	C:\massmap\web_site\reports\pepmap\final_evaluations\MAB_Demo5_t2_t1.mmp
6	C:\massmap\web_site\reports\pepmap\final_evaluations\MAB_Demo6_t2_t1.mmp

Signal property: Centroid [min]

#	Data Set	Group 1: All analyses	Group 2: Analyses 1-3	Group 3: Analyses 4-6	Centroid [min]								
					HC22	HC22_A2FG0	HC22_A2FG0-G1cNAC	HC22_A2FG1	HC22_A2FG1-G1cNAC	HC22_A2FG2	HC22_A2G0	HC22_A2G0-G1cNAC	HC22_A2G1
1	x	x			20.04	18.22	18.43	18.05	18.32	17.94	18.54	18.66	18.43
2	x	x			20.07	18.19	18.40	18.02	18.29	17.91	18.51	18.63	18.40
3	x	x			20.09	18.20	18.41	18.03	18.35	17.97	18.58	18.70	18.46
4	x		x		20.08	18.23	18.43	18.06	18.32	17.95	18.54	18.67	18.43
5	x		x		20.04	18.23	18.38	18.06	18.32	17.95	18.57	18.69	18.44
6	x		x		20.06	18.21	18.42	18.03	18.31	17.92	18.54	18.67	18.48
Mean 1					20.06	18.21	18.41	18.04	18.32	17.94	18.55	18.67	18.44
StDev 1					0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.03
relStDev 1 [%]					0.11	0.08	0.11	0.10	0.11	0.13	0.12	0.13	0.17
Mean 2					20.06	18.20	18.41	18.03	18.32	17.94	18.54	18.66	18.43
StDev 2					0.03	0.01	0.02	0.02	0.03	0.03	0.03	0.03	0.03
relStDev 2 [%]					0.14	0.07	0.10	0.09	0.17	0.18	0.17	0.18	0.19
Mean 3					20.06	18.22	18.41	18.05	18.32	17.94	18.55	18.68	18.45
StDev 3					0.02	0.01	0.03	0.02	0.01	0.02	0.01	0.01	0.03
relStDev 3 [%]					0.10	0.06	0.14	0.10	0.04	0.11	0.07	0.07	0.16

Signal property: Centroid [min] (continued)

#	Data Set	Group 1: All analyses	Group 2: Analyses 1-3	Group 3: Analyses 4-6	Centroid [min]		
					HC22_A2G1-G1cNAC	HC22_A2G2S1	HC22_Man5
1	x	x			18.60	18.91	18.43
2	x	x			18.57	18.89	18.46
3	x	x			18.64	18.89	18.46
4	x		x		18.61	18.93	18.43
5	x		x		18.63	18.89	18.44
6	x		x		18.61	18.93	18.42
Mean 1					18.61	18.91	18.44
StDev 1					0.02	0.02	0.02
relStDev 1 [%]					0.13	0.10	0.09
Mean 2					18.60	18.90	18.45
StDev 2					0.03	0.01	0.02
relStDev 2 [%]					0.18	0.05	0.10
Mean 3					18.61	18.92	18.43
StDev 3					0.01	0.02	0.01
relStDev 3 [%]					0.08	0.12	0.05

Signal property: Intensity [a.u.]

#	Data Set	Group 1: All analyses	Group 2: Analyses 1-3	Group 3: Analyses 4-6	Signal property: Intensity [a.u.]					
					HC22	HC22_A2FG0	HC22_A2FG0-G1cNAC	HC22_A2FG1	HC22_A2FG1-G1cNAC	
1	x	x			4876032.93	651907721.39	33926568.92	398693221.61	13695489.74	
2	x	x			4934842.17	610292545.51	26711846.18	367764741.00	11829027.95	
3	x	x			4604223.78	554620605.53	27464700.37	390229935.56	11108985.74	
4	x		x		4565707.55	635241475.06	28099677.63	382432929.65	12599291.14	
5	x		x		4333449.54	591321774.03	24519791.23	352182186.88	11697107.99	
6	x		x		3777078.41	444284118.46	22144909.71	311938570.45	9673657.72	
Mean 1					4515222.40	581278040.00	27144582.34	367206930.86	11767260.05	
StDev 1					422997.14	75261245.93	3977022.50	31729866.17	1359086.30	
relStDev 1 [%]					9.37	12.95	14.65	8.64	11.55	
Mean 2					4805032.96	605606957.48	29367705.16	385562632.72	12211167.81	
StDev 2					176374.25	48812516.63	3965996.28	15983757.85	1334924.67	
relStDev 2 [%]					3.67	8.06	13.50	4.15	10.93	
Mean 3					4225411.83	556949122.52	24921459.52	348851228.99	11323352.28	
StDev 3					405262.99	100011436.29	2997635.45	35365026.93	1498199.83	
relStDev 3 [%]					9.59	17.96	12.03	10.14	13.23	

Signal property: Intensity [a.u.] (continued)

#	Data Set	Group 1: All analyses	Group 2: Analyses 1-3	Group 3: Analyses 4-6	Signal property: Intensity [a.u.]					
					HC22_A2FG2	HC22_A2G0	HC22_A2G0-G1cNAC	HC22_A2G1	HC22_A2G1-G1cNAC	
1	x	x			47221068.20	50918361.49	40317158.56	22350322.58	18235982.18	
2	x	x			45278505.82	41244060.35	36333722.37	19757690.46	16130292.76	
3	x	x			48237313.82	49275120.84	38425890.61	19863492.15	18794440.60	
4	x		x		46759807.73	39388340.76	33009513.75	21230454.34	15581920.24	
5	x		x		44192724.66	36095291.34	33404473.96	19092271.00	14630694.57	
6	x		x		42713311.90	34280848.26	35391177.91	15953266.05	14583944.88	
Mean 1					45733788.69	41867003.84	36146989.53	19707916.09	16326212.54	
StDev 1					2060960.67	6843997.72	2847980.55	2181904.31	1802332.00	
relStDev 1 [%]					4.51	16.35	7.88	11.07	11.04	
Mean 2					46912295.95	47145847.56	38358923.85	20657168.40	17720238.51	
StDev 2					1503376.68	5176715.10	1992562.27	1467268.49	1404960.70	
relStDev 2 [%]					3.20	10.98	5.19	7.10	7.93	
Mean 3					44555281.43	36588160.12	33935055.21	18758663.79	14932186.56	
StDev 3					2047466.17	2589171.61	1276408.39	2654364.22	563171.17	
relStDev 3 [%]					4.60	7.08	3.76	14.15	3.77	

Signal property: Intensity [a.u.] (continued)

#	Data Set	Group 1: All analyses	Group 2: Analyses 1-3	Group 3: Analyses 4-6	Intensity [a.u.]	
					HC22_A2G2S1	HC22_Man5
1	x	x			36850725.05	39721603.11
2	x	x			32966361.66	29978642.94
3	x	x			31423762.71	34106887.69
4	x		x		33997224.42	33896793.63
5	x		x		33037699.09	26672214.57
6	x		x		29384374.55	26475027.89
Mean 1					32943357.91	31808528.31
StDev 1					2504520.48	5107572.55
relStDev 1 [%]					7.60	16.06
Mean 2					33746949.80	34602377.91
StDev 2					2796420.65	4890342.64
relStDev 2 [%]					8.29	14.13
Mean 3					32139766.02	29014678.70
StDev 3					2433990.31	4229184.94
relStDev 3 [%]					7.57	14.58

Signal property: Ratio [%]

#	Data Set	Group 1: All analyses	Group 2: Analyses 1-3	Group 3: Analyses 4-6	Ratio [%]								
					HC22	HC22_A2FG0	HC22_A2FG0-G1cNAC	HC22_A2FG1	HC22_A2FG1-G1cNAC	HC22_A2FG2	HC22_A2G0	HC22_A2G0-G1cNAC	HC22_A2G1
1	x	x			0.36	47.98	2.50	29.34	1.01	3.48	3.75	2.97	1.64
2	x	x			0.40	49.09	2.15	29.58	0.95	3.64	3.32	2.92	1.59
3	x	x			0.37	45.16	2.24	31.77	0.90	3.93	4.01	3.13	1.62
4	x		x		0.35	49.37	2.18	29.72	0.98	3.63	3.06	2.57	1.65
5	x		x		0.36	49.64	2.06	29.57	0.98	3.71	3.03	2.80	1.60
6	x		x		0.38	44.85	2.24	31.49	0.98	4.31	3.46	3.57	1.61
Mean 1					0.37	47.68	2.23	30.25	0.97	3.78	3.44	2.99	1.62
StDev 1					0.02	2.15	0.15	1.08	0.04	0.30	0.39	0.34	0.02
relStDev 1 [%]					4.26	4.51	6.65	3.58	3.67	7.86	11.26	11.36	1.47
Mean 2					0.38	47.41	2.29	30.23	0.95	3.68	3.69	3.01	1.62
StDev 2					0.02	2.03	0.18	1.34	0.05	0.23	0.35	0.11	0.03
relStDev 2 [%]					5.07	4.27	7.90	4.43	5.43	6.21	9.49	3.61	1.72
Mean 3					0.37	47.95	2.16	30.26	0.98	3.89	3.18	2.98	1.62
StDev 3					0.01	2.69	0.09	1.07	0.00	0.37	0.24	0.53	0.03
relStDev 3 [%]					3.67	5.61	4.22	3.53	0.28	9.56	7.54	17.66	1.56

Signal property: Ratio [%] (continued)

#	Data Set	Group 1: All analyses	Group 2: Analyses 1-3	Group 3: Analyses 4-6	Signal property: Ratio [%]		
					HC22_A2G1-GlcNAc	HC22_A2G2S1	HC22_Man5
1	x	x			1.34	2.71	2.92
2	x	x			1.30	2.65	2.41
3	x	x			1.53	2.56	2.78
4	x		x		1.21	2.64	2.63
5	x		x		1.23	2.77	2.24
6	x		x		1.47	2.97	2.67
Mean 1					1.35	2.72	2.61
StDev 1					0.13	0.14	0.25
relStDev 1 [%]					9.65	5.21	9.51
Mean 2					1.39	2.64	2.70
StDev 2					0.12	0.08	0.26
relStDev 2 [%]					8.89	2.93	9.75
Mean 3					1.30	2.79	2.52
StDev 3					0.15	0.16	0.24
relStDev 3 [%]					11.21	5.84	9.54

Characteristic numbers [%]

#	Data Set	Group 1: All analyses	Group 2: Analyses 1-3	Group 3: Analyses 4-6	Characteristic numbers [%]				
					Non-glycosylated	High mannose	Complex type fucosylated	Complex type galactosylation	Complex type sialylation
1	x	x			0.36	2.93	87.16	23.63	5.93
2	x	x			0.40	2.42	87.88	23.67	5.76
3	x	x			0.37	2.79	86.73	25.19	5.24
4	x		x		0.35	2.64	88.53	23.77	5.73
5	x		x		0.36	2.25	88.26	23.79	5.98
6	x		x		0.38	2.68	86.51	25.84	5.92
Mean 1					0.37	2.62	87.51	24.32	5.76
StDev 1					0.02	0.25	0.83	0.96	0.27
relStDev 1 [%]					4.26	9.50	0.95	3.93	4.75
Mean 2					0.38	2.71	87.26	24.16	5.65
StDev 2					0.02	0.26	0.58	0.89	0.36
relStDev 2 [%]					5.07	9.74	0.66	3.69	6.37
Mean 3					0.37	2.52	87.76	24.47	5.88
StDev 3					0.01	0.24	1.10	1.19	0.13
relStDev 3 [%]					3.67	9.54	1.25	4.87	2.25

Comparison of Data Set with Statistics Group

Data set (DS)

Path: C:\massmap\web_site\reports\pepmap\final_evaluations\MAB_Demo1_t2_t1.mmp

File #: 1

Statistics group (SG)

Name: All analyses

Data sets SG: #1,#2,#3,#4,#5,#6

Signal	Centroid DS [min]	Centroid Mean (SG) [min]	Centroid StDev (SG) [min]	Centroid DS-Mean (SG) [min]	Centroid Diff./StDev (SG)	Intensity DS [a.u.]	Intensity Mean (SG) [a.u.]
HC22	20.04	20.06	0.02	-0.03	-1.26	4876032.93	4515222.40
HC22_A2FG0	18.22	18.21	0.02	0.00	0.25	651907721.39	581278040.00
HC22_A2FG0-GlcNAc	18.43	18.41	0.02	0.02	0.98	33926568.92	27144582.34
HC22_A2FG1	18.05	18.04	0.02	0.01	0.65	398693221.61	367206930.86
HC22_A2FG1-GlcNAc	18.32	18.32	0.02	0.00	0.03	13695489.74	11767260.05
HC22_A2FG2	17.94	17.94	0.02	0.00	0.13	47221068.20	45733788.69
HC22_A2G0	18.54	18.55	0.02	-0.01	-0.39	50918361.49	41867003.84
HC22_A2G0-GlcNAc	18.66	18.67	0.02	-0.01	-0.56	40317158.56	36146989.53
HC22_A2G1	18.43	18.44	0.03	-0.01	-0.33	22350322.58	19707916.09
HC22_A2G1-GlcNAc	18.60	18.61	0.02	-0.01	-0.46	18235982.18	16326212.54
HC22_A2G2S1	18.91	18.91	0.02	0.00	0.11	36850725.05	32943357.91
HC22_Man5	18.43	18.44	0.02	-0.01	-0.63	39721603.11	31808528.31

Signal	Intensity StDev (SG) [a.u.]	Intensity DS-Mean (SG) [a.u.]	Intensity Diff./StDev (SG)	Ratio DS [%]	Ratio Mean (SG) [%]	Ratio StDev (SG) [%]	Ratio DS-Mean (SG) [%]	Ratio Diff./StDev (SG)
HC22	422997.14	360810.53	0.85	0.36	0.37	0.02	-0.01	-0.82
HC22_A2FG0	75261245.93	70629681.39	0.94	47.98	47.68	2.15	0.30	0.14
HC22_A2FG0-GlcNAc	3977022.50	6781986.58	1.71	2.50	2.23	0.15	0.27	1.83
HC22_A2FG1	31729866.17	31486290.75	0.99	29.34	30.25	1.08	-0.90	-0.83
HC22_A2FG1-GlcNAc	1359086.30	1928229.69	1.42	1.01	0.97	0.04	0.04	1.16
HC22_A2FG2	2060960.67	1487279.52	0.72	3.48	3.78	0.30	-0.31	-1.04
HC22_A2G0	6843997.72	9051357.65	1.32	3.75	3.44	0.39	0.31	0.80
HC22_A2G0-GlcNAc	2847980.55	4170169.04	1.46	2.97	2.99	0.34	-0.03	-0.08
HC22_A2G1	2181904.31	2642406.49	1.21	1.64	1.62	0.02	0.03	1.08
HC22_A2G1-GlcNAc	1802332.00	1909769.64	1.06	1.34	1.35	0.13	0.00	-0.04
HC22_A2G2S1	2504520.48	3907367.14	1.56	2.71	2.72	0.14	-0.01	-0.04
HC22_Man5	5107572.55	7913074.81	1.55	2.92	2.61	0.25	0.31	1.27

Char. Number	DS [%]	Mean (SG) [%]	StDev (SG) [%]	DS-Mean (SG) [%]	Diff./StDev (SG)
Non-glycosylated	0.36	0.37	0.02	-0.01	-0.82
High mannose	2.93	2.62	0.25	0.31	1.26
Complex type fucosylated	87.16	87.51	0.83	-0.35	-0.42
Complex type galactosylation	23.63	24.32	0.96	-0.68	-0.72
Complex type sialylation	5.93	5.76	0.27	0.17	0.62

Comparison of Data Set with Statistics Group

Data set (DS)

Path: C:\massmap\web_site\reports\pepmap\final_evaluations\MAB_Demo2_t2_t1.mmp

File #: 2

Statistics group (SG)

Name: All analyses

Data sets SG: #1,#2,#3,#4,#5,#6

Signal	Centroid DS [min]	Centroid Mean (SG) [min]	Centroid StDev (SG) [min]	Centroid DS-Mean (SG) [min]	Centroid Diff./StDev (SG)	Intensity DS [a.u.]	Intensity Mean (SG) [a.u.]
HC22	20.07	20.06	0.02	0.00	0.06	4934842.17	4515222.40
HC22_A2FG0	18.19	18.21	0.02	-0.02	-1.37	610292545.51	581278040.00
HC22_A2FG0-GlcNAc	18.40	18.41	0.02	-0.02	-0.77	26711846.18	27144582.34
HC22_A2FG1	18.02	18.04	0.02	-0.02	-1.10	367764741.00	367206930.86
HC22_A2FG1-GlcNAc	18.29	18.32	0.02	-0.03	-1.48	11829027.95	11767260.05
HC22_A2FG2	17.91	17.94	0.02	-0.03	-1.32	45278505.82	45733788.69
HC22_A2G0	18.51	18.55	0.02	-0.03	-1.46	41244060.35	41867003.84
HC22_A2G0-GlcNAc	18.63	18.67	0.02	-0.04	-1.57	36333722.37	36146989.53
HC22_A2G1	18.40	18.44	0.03	-0.05	-1.47	19757690.46	19707916.09
HC22_A2G1-GlcNAc	18.57	18.61	0.02	-0.04	-1.55	16130292.76	16326212.54
HC22_A2G2S1	18.89	18.91	0.02	-0.02	-0.90	32966361.66	32943357.91
HC22_Man5	18.46	18.44	0.02	0.02	0.93	29978642.94	31808528.31

Signal	Intensity StDev (SG) [a.u.]	Intensity DS-Mean (SG) [a.u.]	Intensity Diff./StDev (SG)	Ratio DS [%]	Ratio Mean (SG) [%]	Ratio StDev (SG) [%]	Ratio DS-Mean (SG) [%]	Ratio Diff./StDev (SG)
HC22	422997.14	419619.77	0.99	0.40	0.37	0.02	0.03	1.59
HC22_A2FG0	75261245.93	29014505.51	0.39	49.09	47.68	2.15	1.41	0.65
HC22_A2FG0-GlcNAc	3977022.50	-432736.16	-0.11	2.15	2.23	0.15	-0.08	-0.53
HC22_A2FG1	31729866.17	557810.14	0.02	29.58	30.25	1.08	-0.66	-0.61
HC22_A2FG1-GlcNAc	1359086.30	61767.91	0.05	0.95	0.97	0.04	-0.02	-0.44
HC22_A2FG2	2060960.67	-455282.87	-0.22	3.64	3.78	0.30	-0.14	-0.48
HC22_A2G0	6843997.72	-622943.49	-0.09	3.32	3.44	0.39	-0.12	-0.31
HC22_A2G0-GlcNAc	2847980.55	186732.84	0.07	2.92	2.99	0.34	-0.07	-0.21
HC22_A2G1	2181904.31	49774.36	0.02	1.59	1.62	0.02	-0.03	-1.25
HC22_A2G1-GlcNAc	1802332.00	-195919.78	-0.11	1.30	1.35	0.13	-0.05	-0.38
HC22_A2G2S1	2504520.48	23003.75	0.01	2.65	2.72	0.14	-0.07	-0.46
HC22_Man5	5107572.55	-1829885.36	-0.36	2.41	2.61	0.25	-0.20	-0.80

Char. Number	DS [%]	Mean (SG) [%]	StDev (SG) [%]	DS-Mean (SG) [%]	Diff./StDev (SG)
Non-glycosylated	0.40	0.37	0.02	0.03	1.59
High mannose	2.42	2.62	0.25	-0.20	-0.80
Complex type fucosylated	87.88	87.51	0.83	0.37	0.44
Complex type galactosylation	23.67	24.32	0.96	-0.65	-0.68
Complex type sialylation	5.76	5.76	0.27	0.00	0.00

Comparison of Data Set with Statistics Group

Data set (DS)

Path: C:\massmap\web_site\reports\pepmap\final_evaluations\MAB_Demo3_t2_t1.mmp

File #: 3

Statistics group (SG)

Name: All analyses

Data sets SG: #1,#2,#3,#4,#5,#6

Signal	Centroid DS [min]	Centroid Mean (SG) [min]	Centroid StDev (SG) [min]	Centroid DS-Mean (SG) [min]	Centroid Diff./StDev (SG)	Intensity DS [a.u.]	Intensity Mean (SG) [a.u.]
HC22	20.09	20.06	0.02	0.03	1.26	4604223.78	4515222.40
HC22_A2FG0	18.20	18.21	0.02	-0.01	-0.90	554620605.53	581278040.00
HC22_A2FG0-GlcNAc	18.41	18.41	0.02	-0.01	-0.31	27464700.37	27144582.34
HC22_A2FG1	18.03	18.04	0.02	-0.02	-0.88	390229935.56	367206930.86
HC22_A2FG1-GlcNAc	18.35	18.32	0.02	0.03	1.59	11108985.74	11767260.05
HC22_A2FG2	17.97	17.94	0.02	0.03	1.36	48237313.82	45733788.69
HC22_A2G0	18.58	18.55	0.02	0.03	1.38	49275120.84	41867003.84
HC22_A2G0-GlcNAc	18.70	18.67	0.02	0.03	1.13	38425890.61	36146989.53
HC22_A2G1	18.46	18.44	0.03	0.02	0.78	19863492.15	19707916.09
HC22_A2G1-GlcNAc	18.64	18.61	0.02	0.03	1.23	18794440.60	16326212.54
HC22_A2G2S1	18.89	18.91	0.02	-0.01	-0.73	31423762.71	32943357.91
HC22_Man5	18.46	18.44	0.02	0.02	1.47	34106887.69	31808528.31

Signal	Intensity StDev (SG) [a.u.]	Intensity DS-Mean (SG) [a.u.]	Intensity Diff./StDev (SG)	Ratio DS [%]	Ratio Mean (SG) [%]	Ratio StDev (SG) [%]	Ratio DS-Mean (SG) [%]	Ratio Diff./StDev (SG)
HC22	422997.14	89001.38	0.21	0.37	0.37	0.02	0.00	0.20
HC22_A2FG0	75261245.93	-26657434.47	-0.35	45.16	47.68	2.15	-2.52	-1.17
HC22_A2FG0-GlcNAc	3977022.50	320118.03	0.08	2.24	2.23	0.15	0.01	0.07
HC22_A2FG1	31729866.17	23023004.70	0.73	31.77	30.25	1.08	1.53	1.41
HC22_A2FG1-GlcNAc	1359086.30	-658274.30	-0.48	0.90	0.97	0.04	-0.06	-1.76
HC22_A2FG2	2060960.67	2503525.13	1.21	3.93	3.78	0.30	0.14	0.48
HC22_A2G0	6843997.72	7408117.00	1.08	4.01	3.44	0.39	0.57	1.48
HC22_A2G0-GlcNAc	2847980.55	2278901.08	0.80	3.13	2.99	0.34	0.14	0.40
HC22_A2G1	2181904.31	155576.05	0.07	1.62	1.62	0.02	0.00	-0.07
HC22_A2G1-GlcNAc	1802332.00	2468228.06	1.37	1.53	1.35	0.13	0.18	1.41
HC22_A2G2S1	2504520.48	-1519595.21	-0.61	2.56	2.72	0.14	-0.16	-1.12
HC22_Man5	5107572.55	2298359.38	0.45	2.78	2.61	0.25	0.17	0.67

Char. Number	DS [%]	Mean (SG) [%]	StDev (SG) [%]	DS-Mean (SG) [%]	Diff./StDev (SG)
Non-glycosylated	0.37	0.37	0.02	0.00	0.20
High mannose	2.79	2.62	0.25	0.17	0.68
Complex type fucosylated	86.73	87.51	0.83	-0.78	-0.93
Complex type galactosylation	25.19	24.32	0.96	0.88	0.92
Complex type sialylation	5.24	5.76	0.27	-0.52	-1.90

Comparison of Data Set with Statistics Group

Data set (DS)

Path: C:\massmap\web_site\reports\pepmap\final_evaluations\MAB_Demo4_t2_t1.mmp

File #: 4

Statistics group (SG)

Name: All analyses

Data sets SG: #1,#2,#3,#4,#5,#6

Signal	Centroid DS [min]	Centroid Mean (SG) [min]	Centroid StDev (SG) [min]	Centroid DS-Mean (SG) [min]	Centroid Diff./StDev (SG)	Intensity DS [a.u.]	Intensity Mean (SG) [a.u.]
HC22	20.08	20.06	0.02	0.02	0.92	4565707.55	4515222.40
HC22_A2FG0	18.23	18.21	0.02	0.02	1.12	635241475.06	581278040.00
HC22_A2FG0-GlcNAc	18.43	18.41	0.02	0.02	0.89	28099677.63	27144582.34
HC22_A2FG1	18.06	18.04	0.02	0.02	1.12	382432929.65	367206930.86
HC22_A2FG1-GlcNAc	18.32	18.32	0.02	0.00	0.04	12599291.14	11767260.05
HC22_A2FG2	17.95	17.94	0.02	0.01	0.53	46759807.73	45733788.69
HC22_A2G0	18.54	18.55	0.02	0.00	-0.19	39388340.76	41867003.84
HC22_A2G0-GlcNAc	18.67	18.67	0.02	0.00	0.03	33009513.75	36146989.53
HC22_A2G1	18.43	18.44	0.03	-0.01	-0.39	21230454.34	19707916.09
HC22_A2G1-GlcNAc	18.61	18.61	0.02	0.00	-0.07	15581920.24	16326212.54
HC22_A2G2S1	18.93	18.91	0.02	0.02	1.20	33997224.42	32943357.91
HC22_Man5	18.43	18.44	0.02	-0.01	-0.74	33896793.63	31808528.31

Signal	Intensity StDev (SG) [a.u.]	Intensity DS-Mean (SG) [a.u.]	Intensity Diff./StDev (SG)	Ratio DS [%]	Ratio Mean (SG) [%]	Ratio StDev (SG) [%]	Ratio DS-Mean (SG) [%]	Ratio Diff./StDev (SG)
HC22	422997.14	50485.16	0.12	0.35	0.37	0.02	-0.02	-1.07
HC22_A2FG0	75261245.93	53963435.06	0.72	49.37	47.68	2.15	1.68	0.78
HC22_A2FG0-GlcNAc	3977022.50	955095.29	0.24	2.18	2.23	0.15	-0.04	-0.29
HC22_A2FG1	31729866.17	15225998.79	0.48	29.72	30.25	1.08	-0.53	-0.49
HC22_A2FG1-GlcNAc	1359086.30	832031.09	0.61	0.98	0.97	0.04	0.01	0.34
HC22_A2FG2	2060960.67	1026019.05	0.50	3.63	3.78	0.30	-0.15	-0.50
HC22_A2G0	6843997.72	-2478663.08	-0.36	3.06	3.44	0.39	-0.38	-0.97
HC22_A2G0-GlcNAc	2847980.55	-3137475.77	-1.10	2.57	2.99	0.34	-0.43	-1.26
HC22_A2G1	2181904.31	1522538.24	0.70	1.65	1.62	0.02	0.03	1.29
HC22_A2G1-GlcNAc	1802332.00	-744292.30	-0.41	1.21	1.35	0.13	-0.14	-1.05
HC22_A2G2S1	2504520.48	1053866.51	0.42	2.64	2.72	0.14	-0.08	-0.53
HC22_Man5	5107572.55	2088265.32	0.41	2.63	2.61	0.25	0.02	0.10

Char. Number	DS [%]	Mean (SG) [%]	StDev (SG) [%]	DS-Mean (SG) [%]	Diff./StDev (SG)
Non-glycosylated	0.35	0.37	0.02	-0.02	-1.07
High mannose	2.64	2.62	0.25	0.02	0.10
Complex type fucosylated	88.53	87.51	0.83	1.02	1.22
Complex type galactosylation	23.77	24.32	0.96	-0.55	-0.58
Complex type sialylation	5.73	5.76	0.27	-0.03	-0.12

Comparison of Data Set with Statistics Group

Data set (DS)

Path: C:\massmap\web_site\reports\pepmap\final_evaluations\MAB_Demo5_t2_t1.mmp

File #: 5

Statistics group (SG)

Name: All analyses

Data sets SG: #1,#2,#3,#4,#5,#6

Signal	Centroid DS [min]	Centroid Mean (SG) [min]	Centroid StDev (SG) [min]	Centroid DS-Mean (SG) [min]	Centroid Diff./StDev (SG)	Intensity DS [a.u.]	Intensity Mean (SG) [a.u.]
HC22	20.04	20.06	0.02	-0.02	-0.99	4333449.54	4515222.40
HC22_A2FG0	18.23	18.21	0.02	0.02	0.99	591321774.03	581278040.00
HC22_A2FG0-GlcNAc	18.38	18.41	0.02	-0.03	-1.46	24519791.23	27144582.34
HC22_A2FG1	18.06	18.04	0.02	0.02	0.92	352182186.88	367206930.86
HC22_A2FG1-GlcNAc	18.32	18.32	0.02	0.01	0.27	11697107.99	11767260.05
HC22_A2FG2	17.95	17.94	0.02	0.01	0.31	44192724.66	45733788.69
HC22_A2G0	18.57	18.55	0.02	0.02	0.86	36095291.34	41867003.84
HC22_A2G0-GlcNAc	18.69	18.67	0.02	0.02	0.96	33404473.96	36146989.53
HC22_A2G1	18.44	18.44	0.03	0.00	-0.01	19092271.00	19707916.09
HC22_A2G1-GlcNAc	18.63	18.61	0.02	0.02	0.94	14630694.57	16326212.54
HC22_A2G2S1	18.89	18.91	0.02	-0.02	-0.88	33037699.09	32943357.91
HC22_Man5	18.44	18.44	0.02	0.00	-0.02	26672214.57	31808528.31

Signal	Intensity StDev (SG) [a.u.]	Intensity DS-Mean (SG) [a.u.]	Intensity Diff./StDev (SG)	Ratio DS [%]	Ratio Mean (SG) [%]	Ratio StDev (SG) [%]	Ratio DS-Mean (SG) [%]	Ratio Diff./StDev (SG)
HC22	422997.14	-181772.86	-0.43	0.36	0.37	0.02	-0.01	-0.50
HC22_A2FG0	75261245.93	10043734.03	0.13	49.64	47.68	2.15	1.96	0.91
HC22_A2FG0-GlcNAc	3977022.50	-2624791.11	-0.66	2.06	2.23	0.15	-0.17	-1.14
HC22_A2FG1	31729866.17	-15024743.98	-0.47	29.57	30.25	1.08	-0.68	-0.63
HC22_A2FG1-GlcNAc	1359086.30	-70152.06	-0.05	0.98	0.97	0.04	0.02	0.42
HC22_A2FG2	2060960.67	-1541064.03	-0.75	3.71	3.78	0.30	-0.07	-0.25
HC22_A2G0	6843997.72	-5771712.50	-0.84	3.03	3.44	0.39	-0.41	-1.05
HC22_A2G0-GlcNAc	2847980.55	-2742515.57	-0.96	2.80	2.99	0.34	-0.19	-0.56
HC22_A2G1	2181904.31	-615645.10	-0.28	1.60	1.62	0.02	-0.02	-0.68
HC22_A2G1-GlcNAc	1802332.00	-1695517.97	-0.94	1.23	1.35	0.13	-0.12	-0.91
HC22_A2G2S1	2504520.48	94341.18	0.04	2.77	2.72	0.14	0.06	0.40
HC22_Man5	5107572.55	-5136313.73	-1.01	2.24	2.61	0.25	-0.37	-1.49

Char. Number	DS [%]	Mean (SG) [%]	StDev (SG) [%]	DS-Mean (SG) [%]	Diff./StDev (SG)
Non-glycosylated	0.36	0.37	0.02	-0.01	-0.50
High mannose	2.25	2.62	0.25	-0.37	-1.50
Complex type fucosylated	88.26	87.51	0.83	0.74	0.89
Complex type galactosylation	23.79	24.32	0.96	-0.52	-0.55
Complex type sialylation	5.98	5.76	0.27	0.22	0.81

Comparison of Data Set with Statistics Group

Data set (DS)

Path: C:\massmap\web_site\reports\pepmap\final_evaluations\MAB_Demo6_t2_t1.mmp

File #: 6

Statistics group (SG)

Name: All analyses

Data sets SG: #1,#2,#3,#4,#5,#6

Signal	Centroid DS [min]	Centroid Mean (SG) [min]	Centroid StDev (SG) [min]	Centroid DS-Mean (SG) [min]	Centroid Diff./StDev (SG)	Intensity DS [a.u.]	Intensity Mean (SG) [a.u.]
HC22	20.06	20.06	0.02	0.00	0.01	3777078.41	4515222.40
HC22_A2FG0	18.21	18.21	0.02	0.00	-0.10	444284118.46	581278040.00
HC22_A2FG0-GlcNAc	18.42	18.41	0.02	0.01	0.67	22144909.71	27144582.34
HC22_A2FG1	18.03	18.04	0.02	-0.01	-0.70	311938570.45	367206930.86
HC22_A2FG1-GlcNAc	18.31	18.32	0.02	-0.01	-0.45	9673657.72	11767260.05
HC22_A2FG2	17.92	17.94	0.02	-0.02	-1.01	42713311.90	45733788.69
HC22_A2G0	18.54	18.55	0.02	0.00	-0.20	34280848.26	41867003.84
HC22_A2G0-GlcNAc	18.67	18.67	0.02	0.00	0.00	35391177.91	36146989.53
HC22_A2G1	18.48	18.44	0.03	0.04	1.41	15953266.05	19707916.09
HC22_A2G1-GlcNAc	18.61	18.61	0.02	0.00	-0.09	14583944.88	16326212.54
HC22_A2G2S1	18.93	18.91	0.02	0.02	1.20	29384374.55	32943357.91
HC22_Man5	18.42	18.44	0.02	-0.02	-1.01	26475027.89	31808528.31

Signal	Intensity StDev (SG) [a.u.]	Intensity DS-Mean (SG) [a.u.]	Intensity Diff./StDev (SG)	Ratio DS [%]	Ratio Mean (SG) [%]	Ratio StDev (SG) [%]	Ratio DS-Mean (SG) [%]	Ratio Diff./StDev (SG)
HC22	422997.14	-738143.99	-1.75	0.38	0.37	0.02	0.01	0.60
HC22_A2FG0	75261245.93	-136993921.54	-1.82	44.85	47.68	2.15	-2.83	-1.32
HC22_A2FG0-GlcNAc	3977022.50	-4999672.63	-1.26	2.24	2.23	0.15	0.01	0.06
HC22_A2FG1	31729866.17	-55268360.41	-1.74	31.49	30.25	1.08	1.24	1.15
HC22_A2FG1-GlcNAc	1359086.30	-2093602.33	-1.54	0.98	0.97	0.04	0.01	0.27
HC22_A2FG2	2060960.67	-3020476.79	-1.47	4.31	3.78	0.30	0.53	1.78
HC22_A2G0	6843997.72	-7586155.58	-1.11	3.46	3.44	0.39	0.02	0.06
HC22_A2G0-GlcNAc	2847980.55	-755811.62	-0.27	3.57	2.99	0.34	0.58	1.70
HC22_A2G1	2181904.31	-3754650.05	-1.72	1.61	1.62	0.02	-0.01	-0.36
HC22_A2G1-GlcNAc	1802332.00	-1742267.65	-0.97	1.47	1.35	0.13	0.13	0.96
HC22_A2G2S1	2504520.48	-3558983.37	-1.42	2.97	2.72	0.14	0.25	1.76
HC22_Man5	5107572.55	-5333500.41	-1.04	2.67	2.61	0.25	0.06	0.25

Char. Number	DS [%]	Mean (SG) [%]	StDev (SG) [%]	DS-Mean (SG) [%]	Diff./StDev (SG)
Non-glycosylated	0.38	0.37	0.02	0.01	0.60
High mannose	2.68	2.62	0.25	0.06	0.26
Complex type fucosylated	86.51	87.51	0.83	-1.01	-1.21
Complex type galactosylation	25.84	24.32	0.96	1.53	1.60
Complex type sialylation	5.92	5.76	0.27	0.16	0.58

Comparison of Pairs of Statistics Groups

Statistics group 1 (SG1)

Name: Analyses 1-3

Data sets SG1: #1,#2,#3

Statistics group 2 (SG2)

Name: All analyses

Data sets SG2: #1,#2,#3,#4,#5,#6

Signal	Centroid Mean (SG1) [min]	Centroid StDev (SG1) [min]	Centroid Mean (SG2) [min]	Centroid StDev (SG2) [min]	Centroid Mean1-Mean2 [min]	Centroid Difference/StDev	Intensity Mean (SG1) [a.u.]	Intensity StDev (SG1) [a.u.]
HC22	20.06	0.03	20.06	0.02	0.00	0.01	4805032.96	176374.25
HC22_A2FG0	18.20	0.01	18.21	0.02	-0.01	-0.52	605606957.48	48812516.63
HC22_A2FG0-GlcNAc	18.41	0.02	18.41	0.02	0.00	-0.02	29367705.16	3965996.28
HC22_A2FG1	18.03	0.02	18.04	0.02	-0.01	-0.32	385562632.72	15983757.85
HC22_A2FG1-GlcNAc	18.32	0.03	18.32	0.02	0.00	0.03	12211167.81	1334924.67
HC22_A2FG2	17.94	0.03	17.94	0.02	0.00	0.03	46912295.95	1503376.68
HC22_A2G0	18.54	0.03	18.55	0.02	0.00	-0.09	47145847.56	5176715.10
HC22_A2G0-GlcNAc	18.66	0.03	18.67	0.02	-0.01	-0.20	38358923.85	1992562.27
HC22_A2G1	18.43	0.03	18.44	0.03	-0.01	-0.22	20657168.40	1467268.49
HC22_A2G1-GlcNAc	18.60	0.03	18.61	0.02	-0.01	-0.15	17720238.51	1404960.70
HC22_A2G2S1	18.90	0.01	18.91	0.02	-0.01	-0.44	33746949.80	2796420.65
HC22_Man5	18.45	0.02	18.44	0.02	0.01	0.40	34602377.91	4890342.64

Signal	Intensity Mean (SG2) [a.u.]	Intensity StDev (SG2) [a.u.]	Intensity Mean1-Mean2 [a.u.]	Intensity Difference/StDev	Ratio Mean (SG1) [%]	Ratio StDev (SG1) [%]	Ratio Mean (SG2) [%]
HC22	4515222.40	422997.14	289810.56	0.63	0.38	0.02	0.37
HC22_A2FG0	581278040.00	75261245.93	24328917.48	0.27	47.41	2.03	47.68
HC22_A2FG0-GlcNAc	27144582.34	3977022.50	2223122.82	0.40	2.29	0.18	2.23
HC22_A2FG1	367206930.86	31729866.17	18355701.87	0.52	30.23	1.34	30.25
HC22_A2FG1-GlcNAc	11767260.05	1359086.30	443907.77	0.23	0.95	0.05	0.97
HC22_A2FG2	45733788.69	2060960.67	1178507.26	0.46	3.68	0.23	3.78
HC22_A2G0	41867003.84	6843997.72	5278843.72	0.62	3.69	0.35	3.44
HC22_A2G0-GlcNAc	36146989.53	2847980.55	2211934.32	0.64	3.01	0.11	2.99
HC22_A2G1	19707916.09	2181904.31	949252.30	0.36	1.62	0.03	1.62
HC22_A2G1-GlcNAc	16326212.54	1802332.00	1394025.97	0.61	1.39	0.12	1.35
HC22_A2G2S1	32943357.91	2504520.48	803591.89	0.21	2.64	0.08	2.72
HC22_Man5	31808528.31	5107572.55	2793849.61	0.40	2.70	0.26	2.61

Signal	Ratio StDev (SG2) [%]	Ratio Mean1-Mean2 [%]	Ratio Difference/StDev
HC22	0.02	0.01	0.21
HC22_A2FG0	2.15	-0.27	-0.09
HC22_A2FG0-GlcNAc	0.15	0.07	0.29
HC22_A2FG1	1.08	-0.01	-0.01
HC22_A2FG1-GlcNAc	0.04	-0.01	-0.20
HC22_A2FG2	0.30	-0.10	-0.27
HC22_A2G0	0.39	0.25	0.49
HC22_A2G0-GlcNAc	0.34	0.01	0.04
HC22_A2G1	0.02	0.00	-0.05
HC22_A2G1-GlcNAc	0.13	0.04	0.24

Comparison of Pairs of Statistics Groups (Continued)

Statistics group 1 (SG1)

Name: Analyses 1-3

Data sets SG1: #1,#2,#3

Statistics group 2 (SG2)

Name: All analyses

Data sets SG2: #1,#2,#3,#4,#5,#6

Signal	Ratio StDev (SG2) [%]	Ratio Mean1-Mean2 [%]	Ratio Difference/StDev
HC22_A2G2S1	0.14	-0.08	-0.47
HC22_Man5	0.25	0.09	0.26

Char. Number	Mean (SG1) [%]	StDev (SG1) [%]	Mean (SG2) [%]	StDev (SG2) [%]	Mean1-Mean2 [%]	Difference/StDev
Non-glycosylated	0.37	0.02	0.38	0.02	-0.01	-0.21
High mannose	2.62	0.25	2.71	0.26	-0.09	-0.26
Complex type fucosylated	87.51	0.83	87.26	0.58	0.25	0.25
Complex type galactosylation	24.32	0.96	24.16	0.89	0.15	0.12
Complex type sialylation	5.76	0.27	5.65	0.36	0.12	0.26

Comparison of Pairs of Statistics Groups

Statistics group 1 (SG1)

Name: Analyses 4-6

Data sets SG1: #4,#5,#6

Statistics group 2 (SG2)

Name: All analyses

Data sets SG2: #1,#2,#3,#4,#5,#6

Signal	Centroid Mean (SG1) [min]	Centroid StDev (SG1) [min]	Centroid Mean (SG2) [min]	Centroid StDev (SG2) [min]	Centroid Mean1-Mean2 [min]	Centroid Difference/StDev	Intensity Mean (SG1) [a. u.]	Intensity StDev (SG1) [a. u.]
HC22	20.06	0.02	20.06	0.02	0.00	-0.01	4225411.83	405262.99
HC22_A2FG0	18.22	0.01	18.21	0.02	0.01	0.56	556949122.52	100011436.29
HC22_A2FG0-GlcNAc	18.41	0.03	18.41	0.02	0.00	0.02	24921459.52	2997635.45
HC22_A2FG1	18.05	0.02	18.04	0.02	0.01	0.31	348851228.99	35365026.93
HC22_A2FG1-GlcNAc	18.32	0.01	18.32	0.02	0.00	-0.05	11323352.28	1498199.83
HC22_A2FG2	17.94	0.02	17.94	0.02	0.00	-0.04	44555281.43	2047466.17
HC22_A2G0	18.55	0.01	18.55	0.02	0.00	0.13	36588160.12	2589171.61
HC22_A2G0-GlcNAc	18.68	0.01	18.67	0.02	0.01	0.29	33935055.21	1276408.39
HC22_A2G1	18.45	0.03	18.44	0.03	0.01	0.25	18758663.79	2654364.22
HC22_A2G1-GlcNAc	18.61	0.01	18.61	0.02	0.01	0.22	14932186.56	563171.17
HC22_A2G2S1	18.92	0.02	18.91	0.02	0.01	0.32	32139766.02	2433990.31
HC22_Man5	18.43	0.01	18.44	0.02	-0.01	-0.52	29014678.70	4229184.94

Signal	Intensity Mean (SG2) [a. u.]	Intensity StDev (SG2) [a. u.]	Intensity Mean1-Mean2 [a. u.]	Intensity Difference/StDev	Ratio Mean (SG1) [%]	Ratio StDev (SG1) [%]	Ratio Mean (SG2) [%]
HC22	4515222.40	422997.14	-289810.56	-0.49	0.37	0.01	0.37
HC22_A2FG0	581278040.00	75261245.93	-24328917.48	-0.19	47.95	2.69	47.68
HC22_A2FG0-GlcNAc	27144582.34	3977022.50	-2223122.82	-0.45	2.16	0.09	2.23
HC22_A2FG1	367206930.86	31729866.17	-18355701.87	-0.39	30.26	1.07	30.25
HC22_A2FG1-GlcNAc	11767260.05	1359086.30	-443907.77	-0.22	0.98	0.00	0.97
HC22_A2FG2	45733788.69	2060960.67	-1178507.26	-0.41	3.89	0.37	3.78
HC22_A2G0	41867003.84	6843997.72	-5278843.72	-0.72	3.18	0.24	3.44
HC22_A2G0-GlcNAc	36146989.53	2847980.55	-2211934.32	-0.71	2.98	0.53	2.99
HC22_A2G1	19707916.09	2181904.31	-949252.30	-0.28	1.62	0.03	1.62
HC22_A2G1-GlcNAc	16326212.54	1802332.00	-1394025.97	-0.74	1.30	0.15	1.35
HC22_A2G2S1	32943357.91	2504520.48	-803591.89	-0.23	2.79	0.16	2.72
HC22_Man5	31808528.31	5107572.55	-2793849.61	-0.42	2.52	0.24	2.61

Signal	Ratio StDev (SG2) [%]	Ratio Mean1-Mean2 [%]	Ratio Difference/StDev
HC22	0.02	-0.01	-0.25
HC22_A2FG0	2.15	0.27	0.08
HC22_A2FG0-GlcNAc	0.15	-0.07	-0.39
HC22_A2FG1	1.08	0.01	0.01
HC22_A2FG1-GlcNAc	0.04	0.01	0.35
HC22_A2FG2	0.30	0.10	0.21
HC22_A2G0	0.39	-0.25	-0.56
HC22_A2G0-GlcNAc	0.34	-0.01	-0.02
HC22_A2G1	0.02	0.00	0.06
HC22_A2G1-GlcNAc	0.13	-0.04	-0.22

Comparison of Pairs of Statistics Groups (Continued)

Statistics group 1 (SG1)
 Name: Analyses 4-6
 Data sets SG1: #4,#5,#6
 Statistics group 2 (SG2)
 Name: All analyses
 Data sets SG2: #1,#2,#3,#4,#5,#6

Signal	Ratio StDev (SG2) [%]	Ratio Mean1-Mean2 [%]	Ratio Difference/StDev
HC22_A2G2S1	0.14	0.08	0.35
HC22_Man5	0.25	-0.09	-0.27

Char. Number	Mean (SG1) [%]	StDev (SG1) [%]	Mean (SG2) [%]	StDev (SG2) [%]	Mean1-Mean2 [%]	Difference/StDev
Non-glycosylated	0.37	0.02	0.37	0.01	0.01	0.25
High mannose	2.62	0.25	2.52	0.24	0.09	0.27
Complex type fucosylated	87.51	0.83	87.76	1.10	-0.25	-0.18
Complex type galactosylation	24.32	0.96	24.47	1.19	-0.15	-0.10
Complex type sialylation	5.76	0.27	5.88	0.13	-0.12	-0.38

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

#	HC22	HC22_A2FG0	HC22_A2FG0-G1cNAC	HC22_A2FG1	HC22_A2FG1-G1cNAC	HC22_A2FG2	HC22_A2G0	HC22_A2G0-G1cNAC	HC22_A2G1	HC22_A2G1-G1cNAC	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	-