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Operator: mw  
Date/time: 2016-06-05/8:40:40pm  
Name grp-File: HC\_N-Glycosylation  
Report Group: HC\_N-Glycosylation

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**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

Characteristic numbers [%]

# Data Set	Group 1: All analyses	Group 2: Analyses 1-3	Group 3: Analyses 4-6	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

Char. Number	DS [%]	Mean(SG) [%]	StdDev(SG) [%]	DS-Mean(SG) [%]	Diff./StdDev(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

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

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

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

Char. Number	DS [%]	Mean(SG) [%]	StdDev(SG) [%]	DS-Mean(SG) [%]	Diff./StdDev(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

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

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

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	-