

Supplemental data

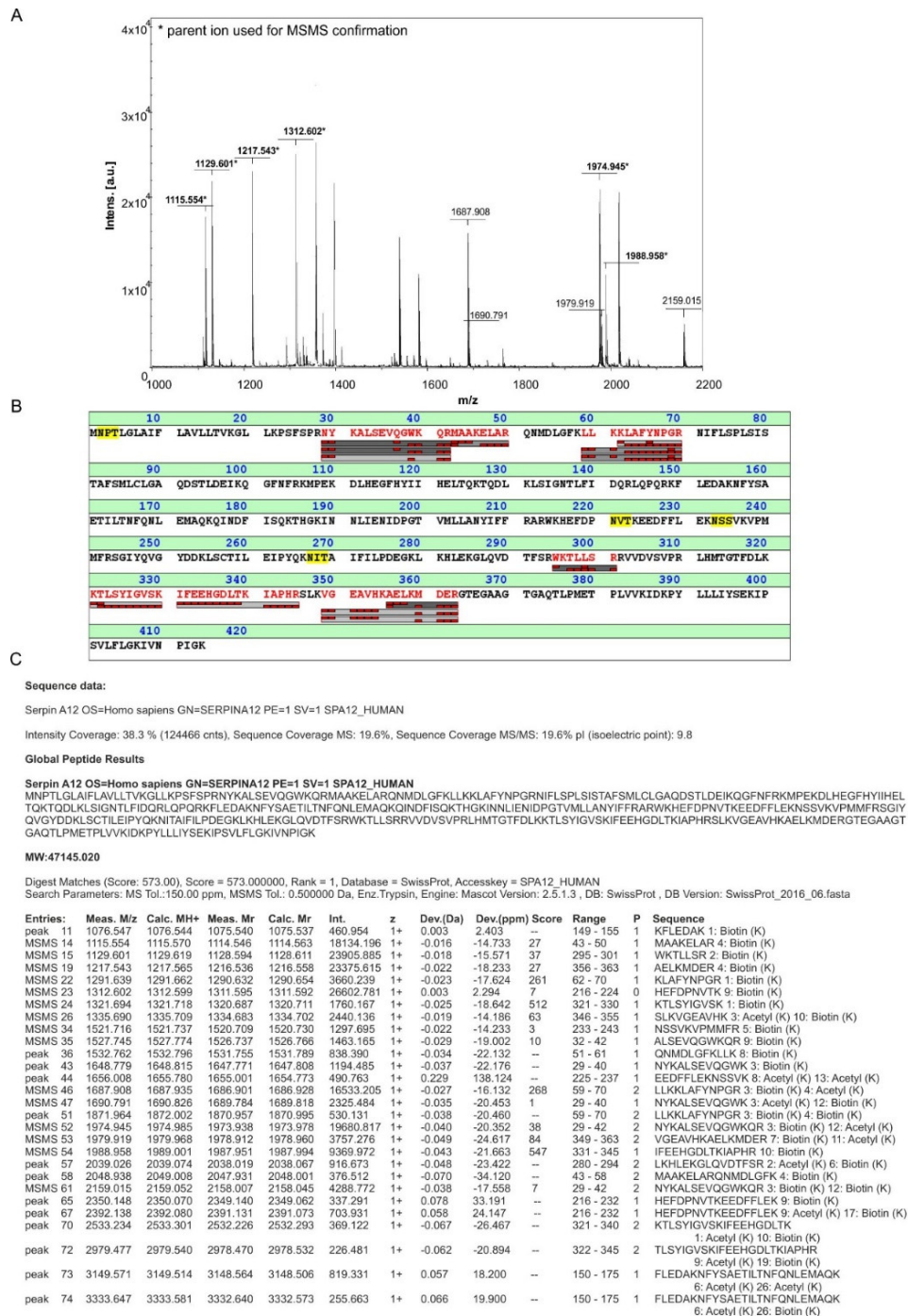
Basic residues of β -Sheet A contribute to heparin binding and activation of human serpinA12 (vaspin)*

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Supplemental Figure 1



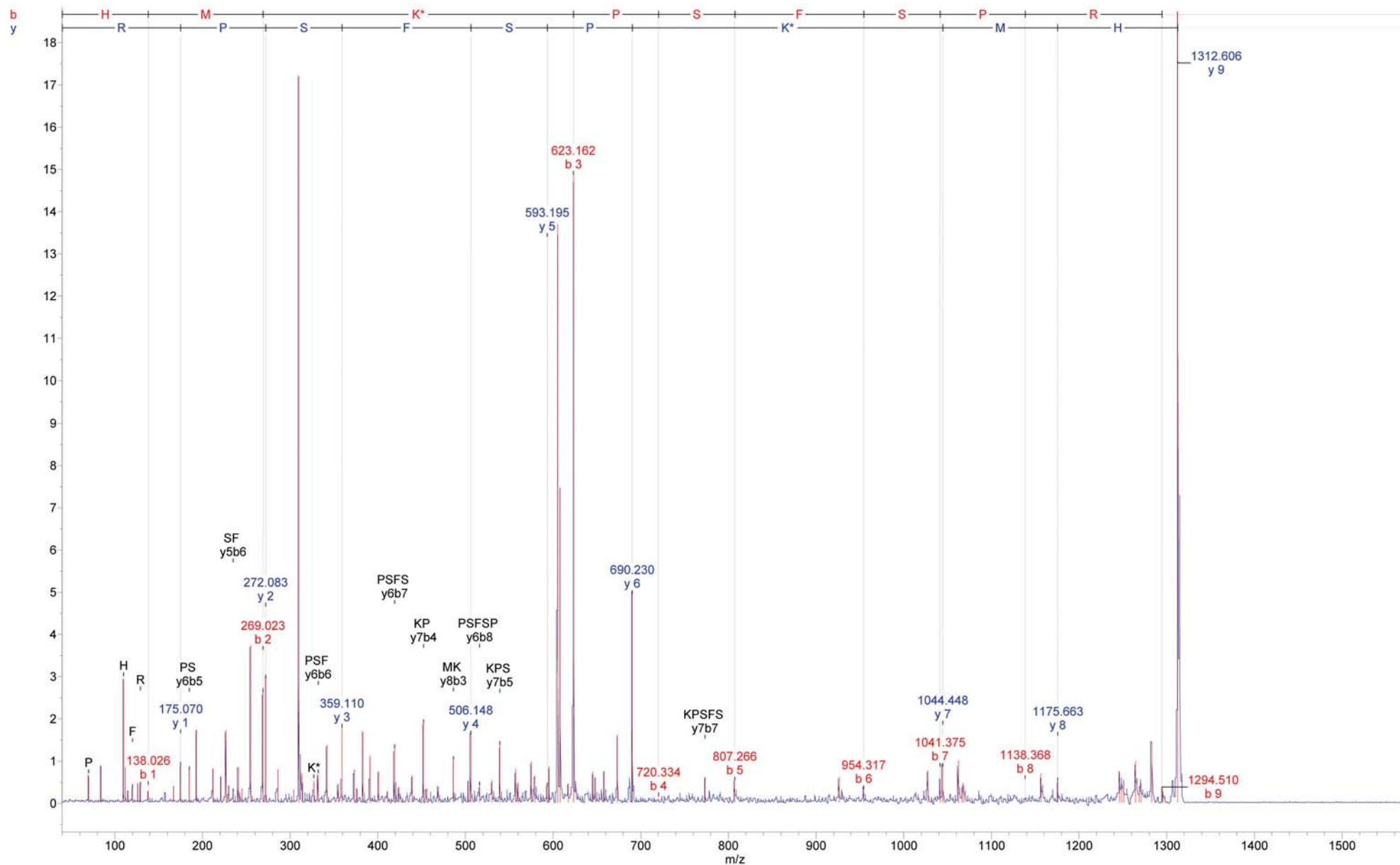
Supplemental Figure 1. (A) A representative mass spectrum of the isolated biotinylated peptides after selective labelling and tryptic digestion. (B) Sequence of human vaspin and sequence coverage of peaks analyzed by MSMS. (C) Example of Mascot Server search result using combined MS and MSMS peaks.

Spectrum Analysis Report

Supplementary Spectrum S1

Sequence Name:	Parentmass:	1312.602	Mass Error:	-0.027	MH+ (mono):	1312.629
MH+ (avg):	Threshold (a.i.):	0.000	Tolerance (Da):	0.500	Number of Peaks:	88
Above Threshold:	Assigned Peaks:	28	Not assigned Peaks:	60		

Abs. Int. * 1000

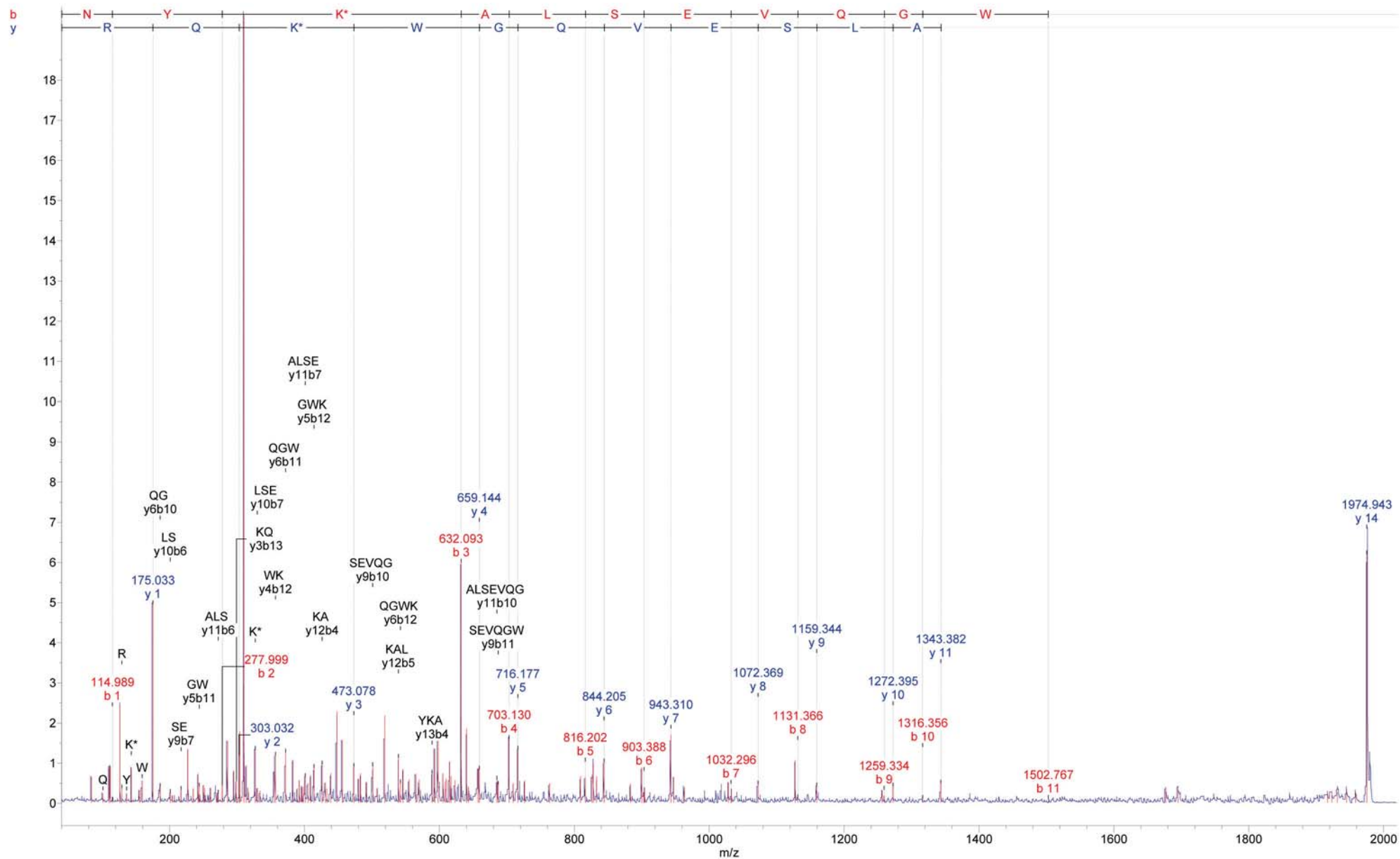


Spectrum Analysis Report

Supplementary Spectrum S2

Sequence Name:	Parentmass:	Mass Error:	MH+ (mono):
MH+ (avg): 1976.244	1974.945	-0.041	1974.986
Above Threshold: 126	Threshold (a.i.): 0.000	Tolerance (Da): 0.500	Number of Peaks: 126
	Assigned Peaks: 31	Not assigned Peaks: 95	

Abs. Int. * 1000

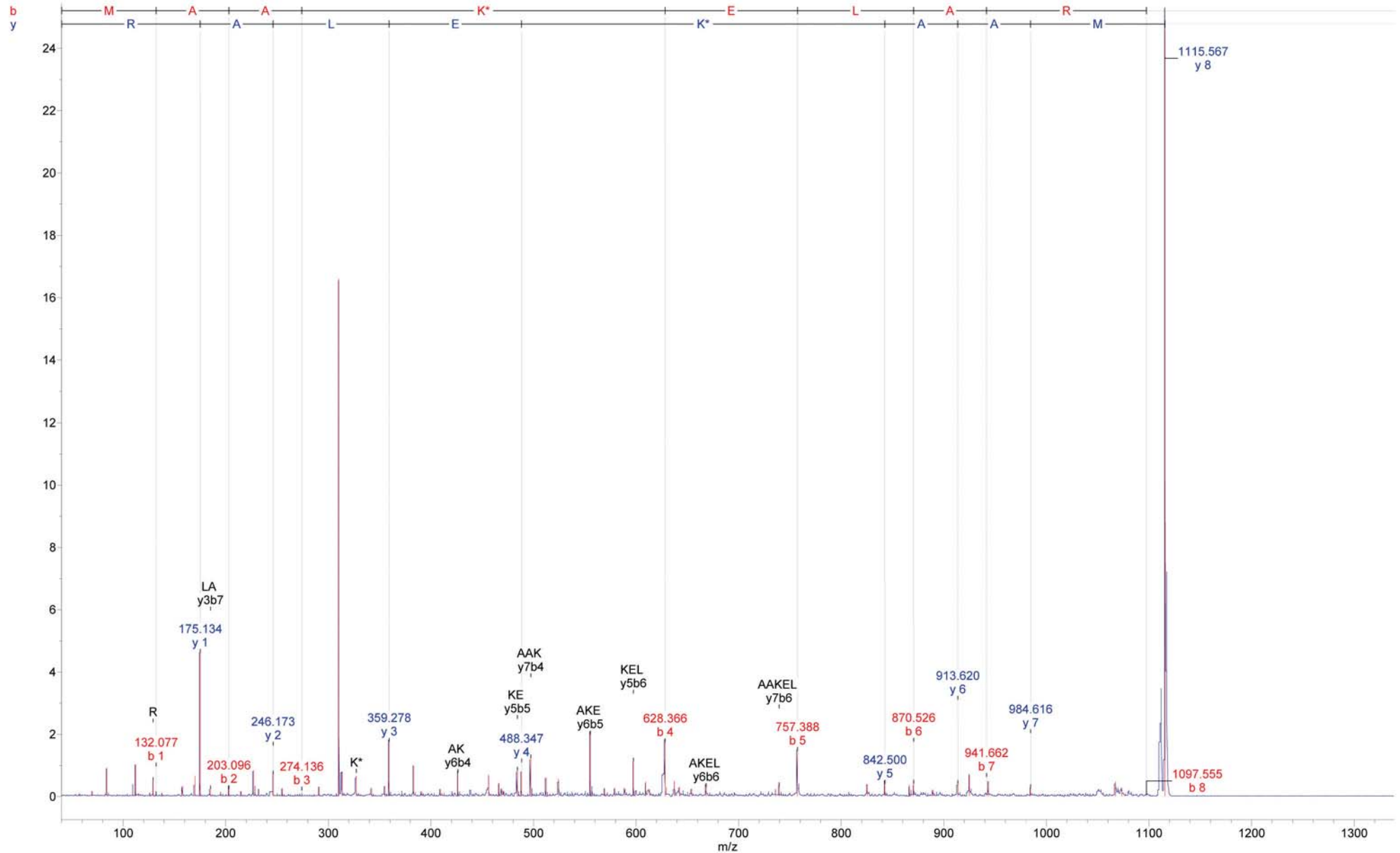


Spectrum Analysis Report

Supplementary Spectrum S3

Sequence Name:	Parentmass:	1115.554	Mass Error:	-0.017	MH+ (mono):	1115.571
MH+ (avg):	Threshold (a.i.):	0.000	Tolerance (Da):	0.500	Number of Peaks:	71
Above Threshold:	Assigned Peaks:	22	Not assigned Peaks:	49		

Abs. Int. * 1000

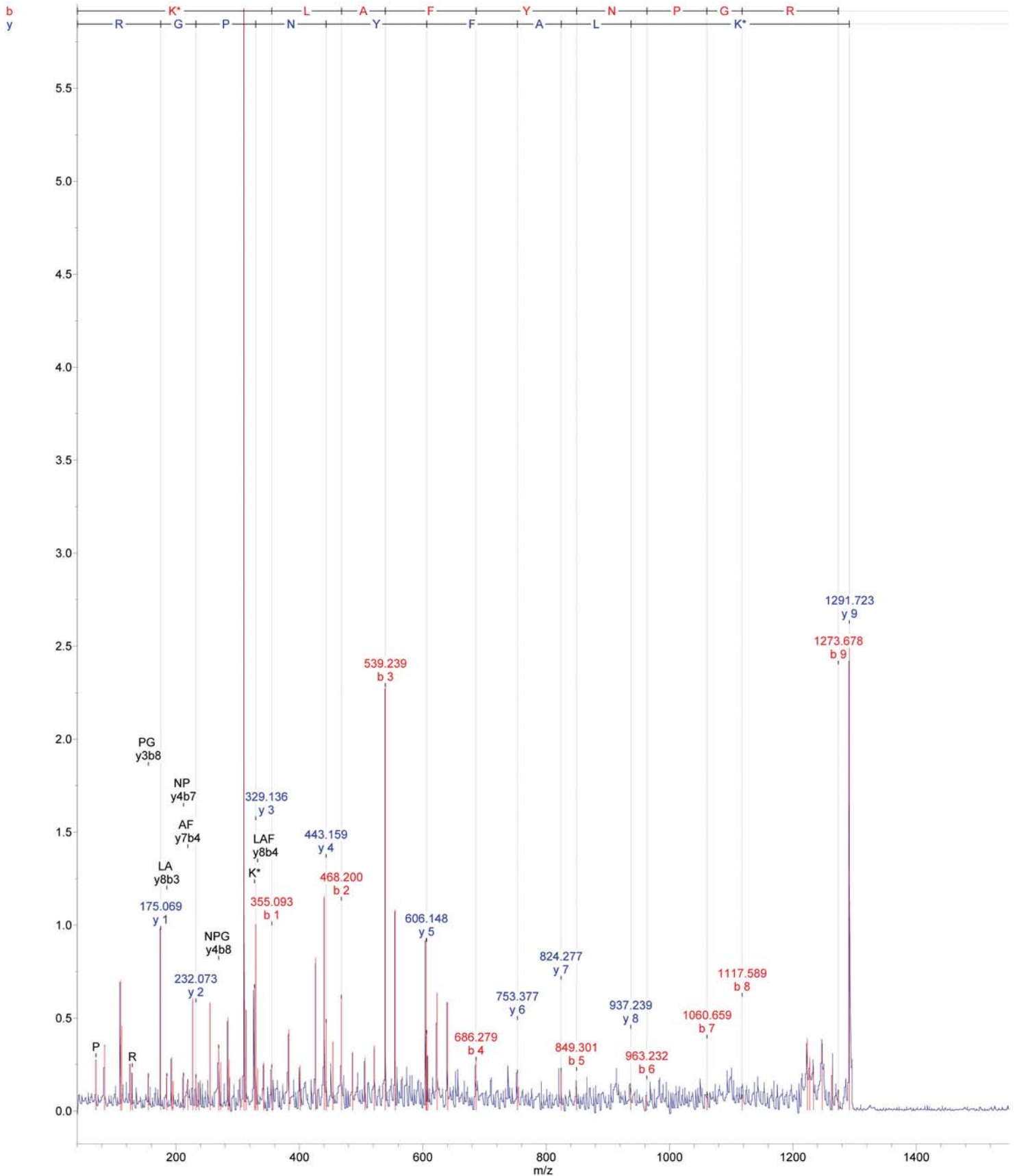


Spectrum Analysis Report

Supplementary Spectrum S4

Sequence Name:		Parentmass:	1291.723	Mass Error:	0.061
MH+ (mono):	1291.662	MH+ (avg):	1292.532	Threshold (a.i.):	0.000
Tolerance (Da):	0.500	Number of Peaks:	61	Above Threshold:	61
Assigned Peaks:	23	Not assigned Peaks:	38		

Abs. Int. * 1000



Spectrum Analysis Report

Supplementary Spectrum S5

Sequence Name:
MH+ (avg):
Above Threshold:

1130.387
85

Parentmass:
Threshold (a.i.):
Assigned Peaks:

1129.601
0.000
19

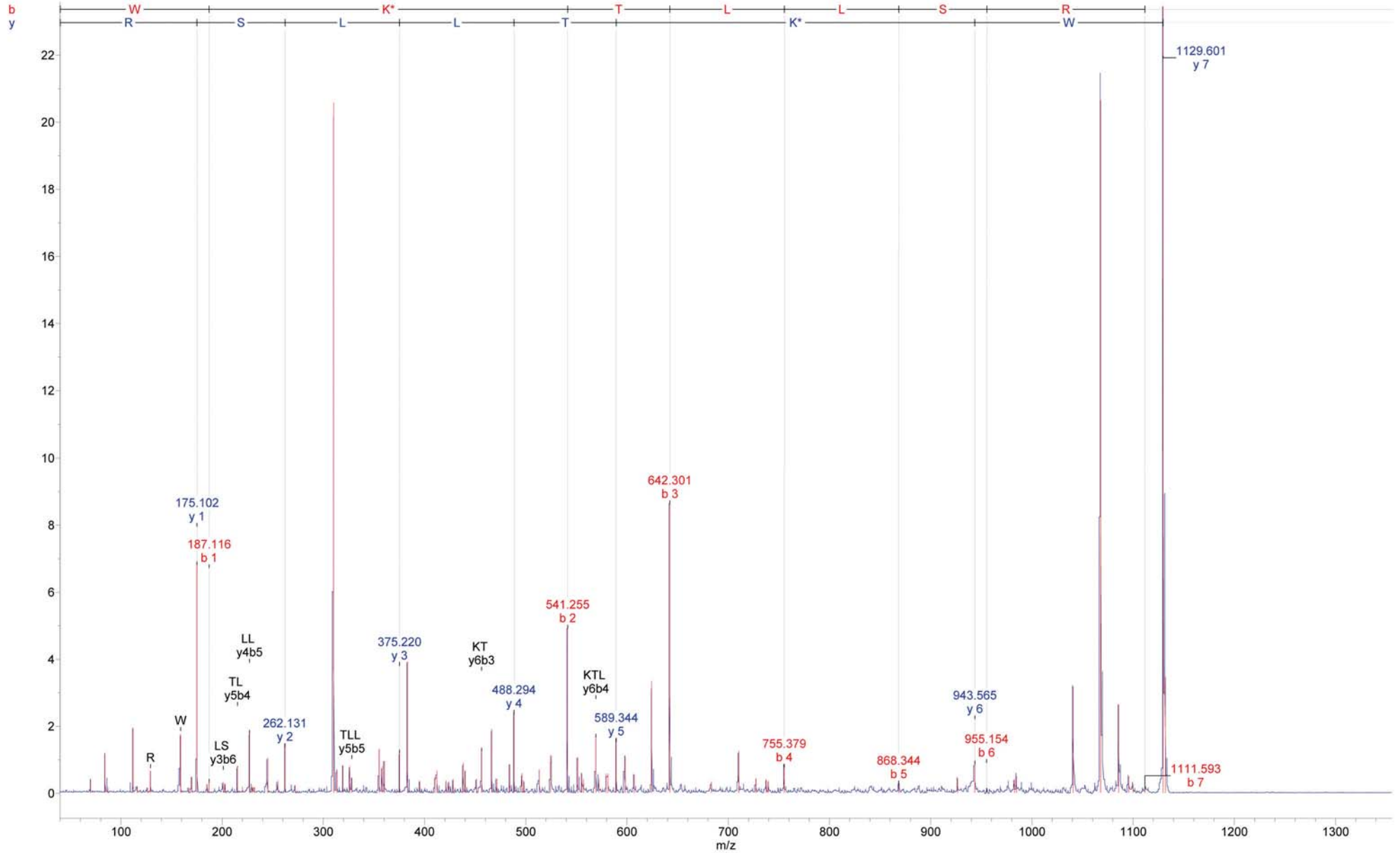
Mass Error:
Tolerance (Da):
Not assigned Peaks:

-0.018
0.500
66

MH+ (mono):
Number of Peaks:

1129.619
85

Abs. Int. * 1000



Spectrum Analysis Report

Supplementary Spectrum S6

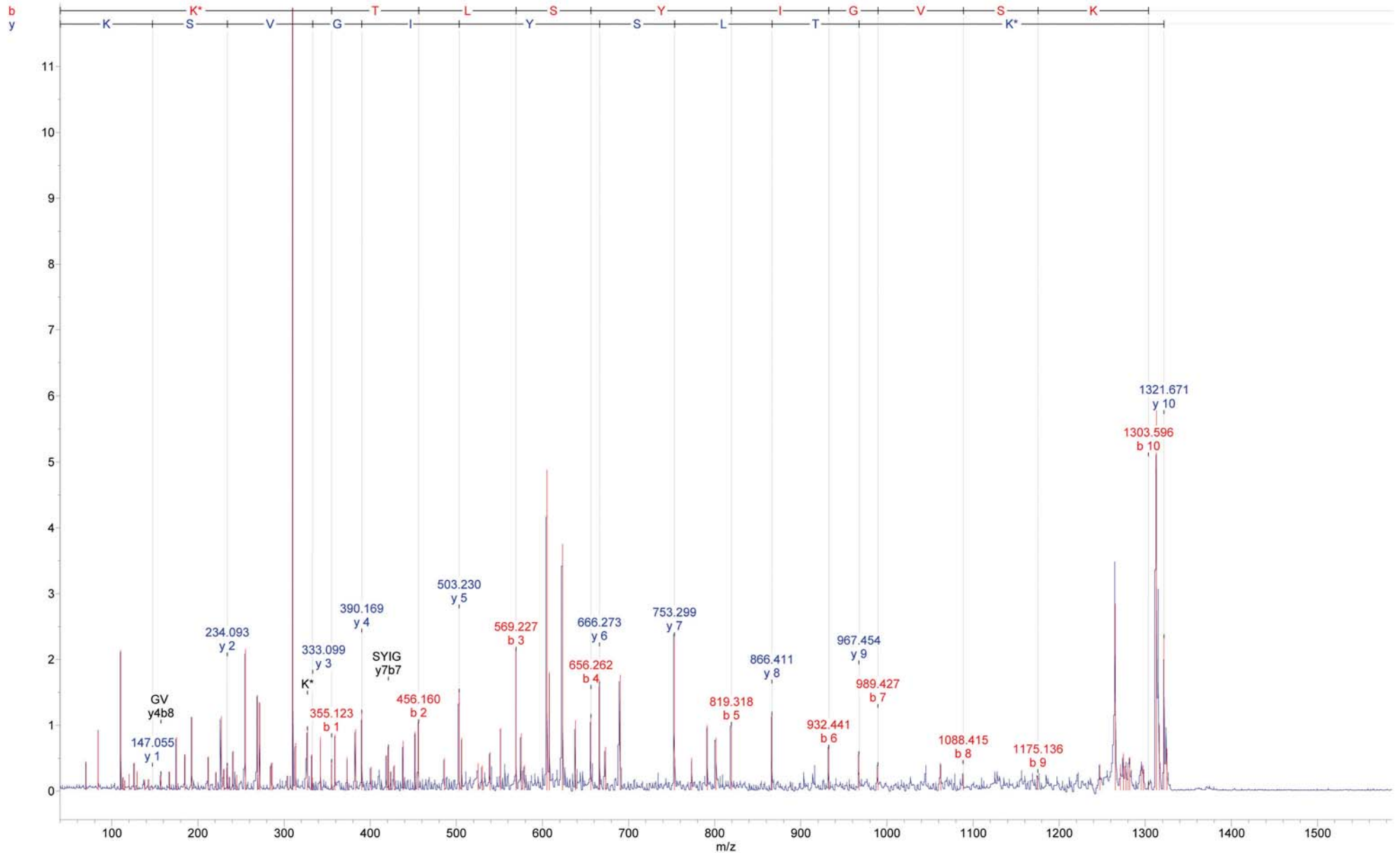
Sequence Name:
 MH+ (avg): 1322.597
 Above Threshold: 93

Parentmass: 1321.694
 Threshold (a.i.): 0.000
 Assigned Peaks: 24

Mass Error: -0.025
 Tolerance (Da): 0.500
 Not assigned Peaks: 69

MH+ (mono): 1321.719
 Number of Peaks: 93

Abs. Int. * 1000

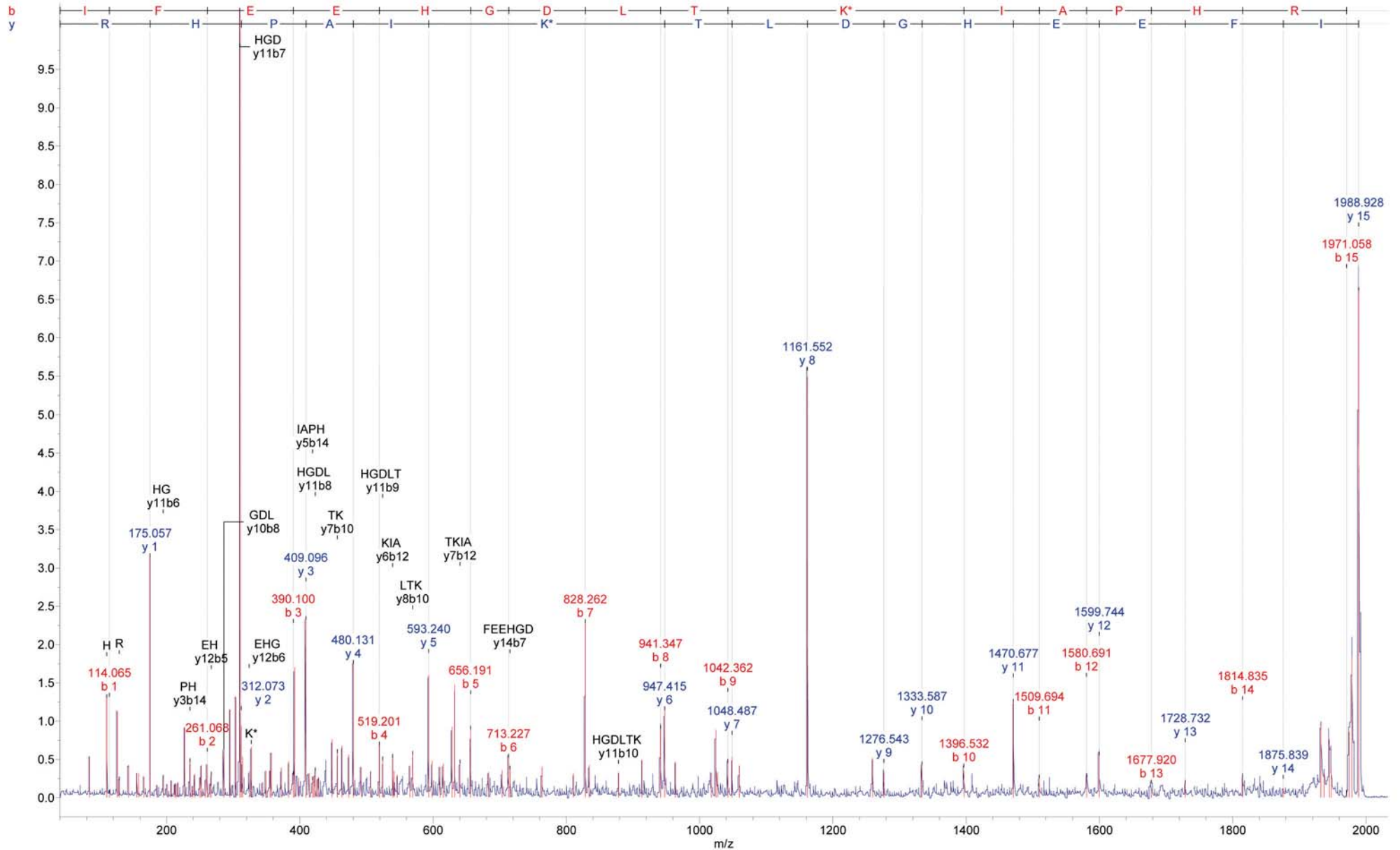


Spectrum Analysis Report

Supplementary Spectrum S7

Sequence Name:	Parentmass:	1988.958	Mass Error:	-0.044	MH+ (mono):	1989.002
MH+ (avg):	Threshold (a.i.):	0.000	Tolerance (Da):	0.500	Number of Peaks:	113
Above Threshold:	Assigned Peaks:	36	Not assigned Peaks:	77		

Abs. Int. * 1000



Spectrum Analysis Report

Supplementary Spectrum S8

Sequence Name:	Parentmass:	Mass Error:	MH+ (mono):
MH+ (avg): 1218.428	1217.543	-0.023	1217.566
Above Threshold: 59	Threshold (a.i.): 0.000	Tolerance (Da): 0.500	Number of Peaks: 59
	Assigned Peaks: 21	Not assigned Peaks: 38	

Abs. Int. * 1000

