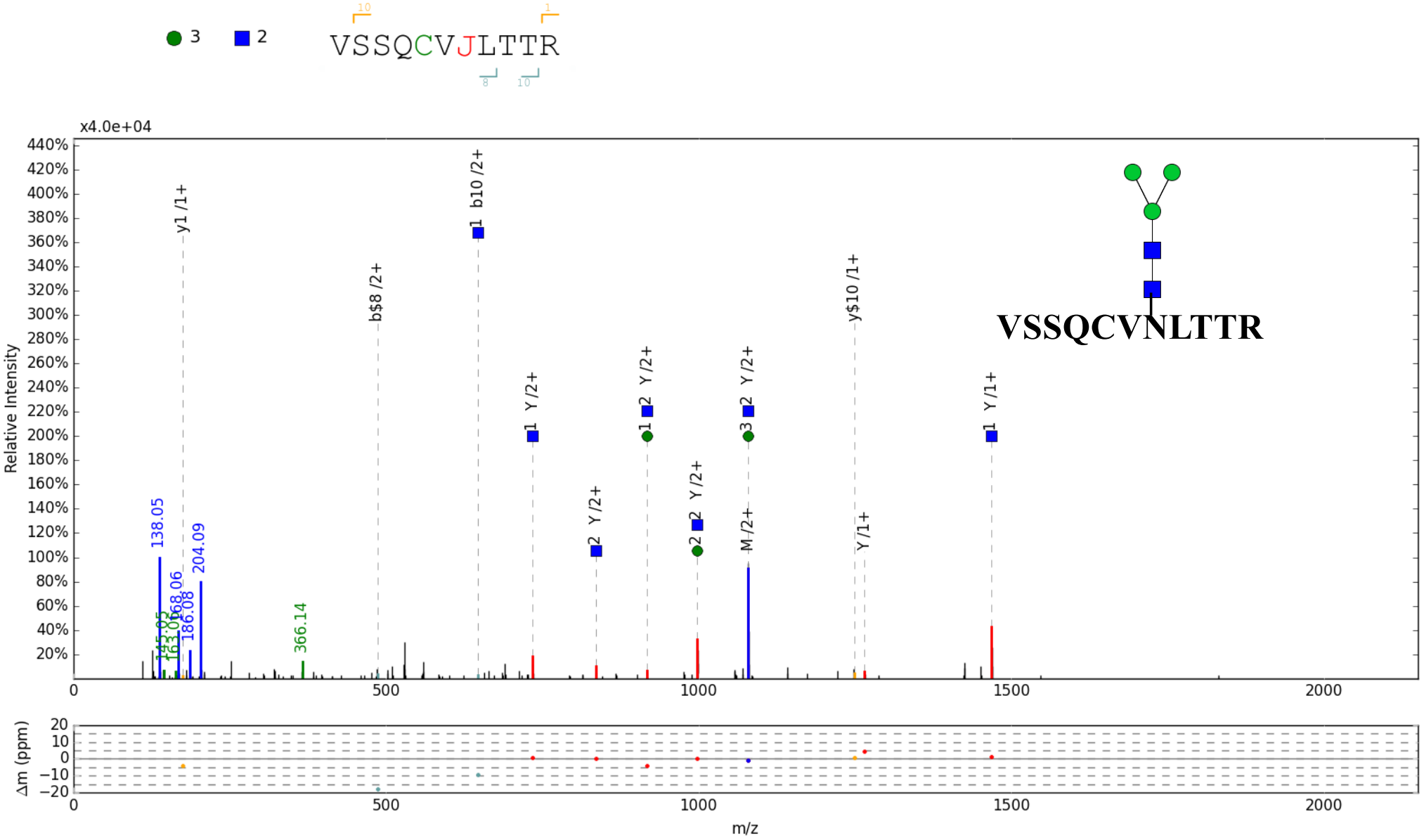
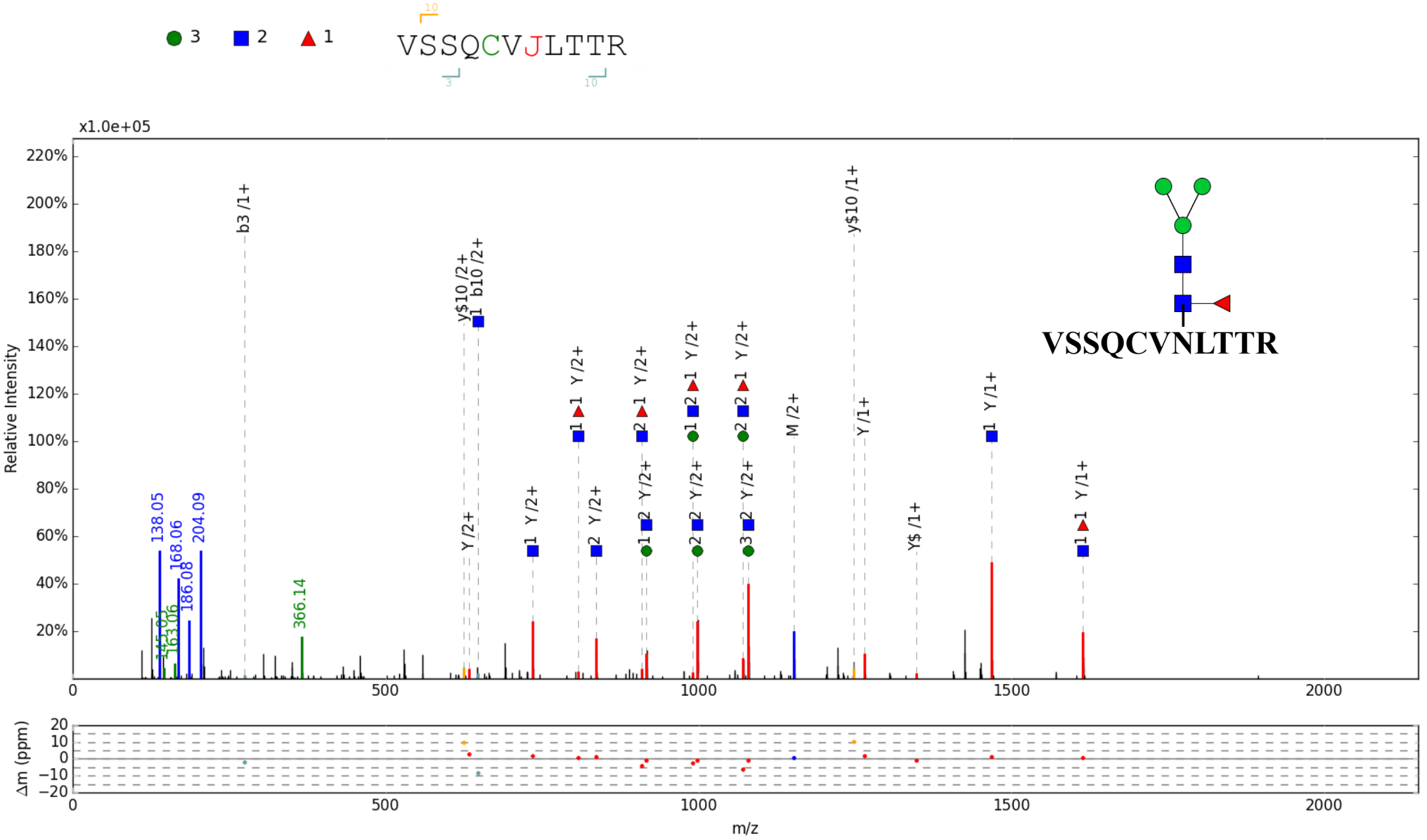
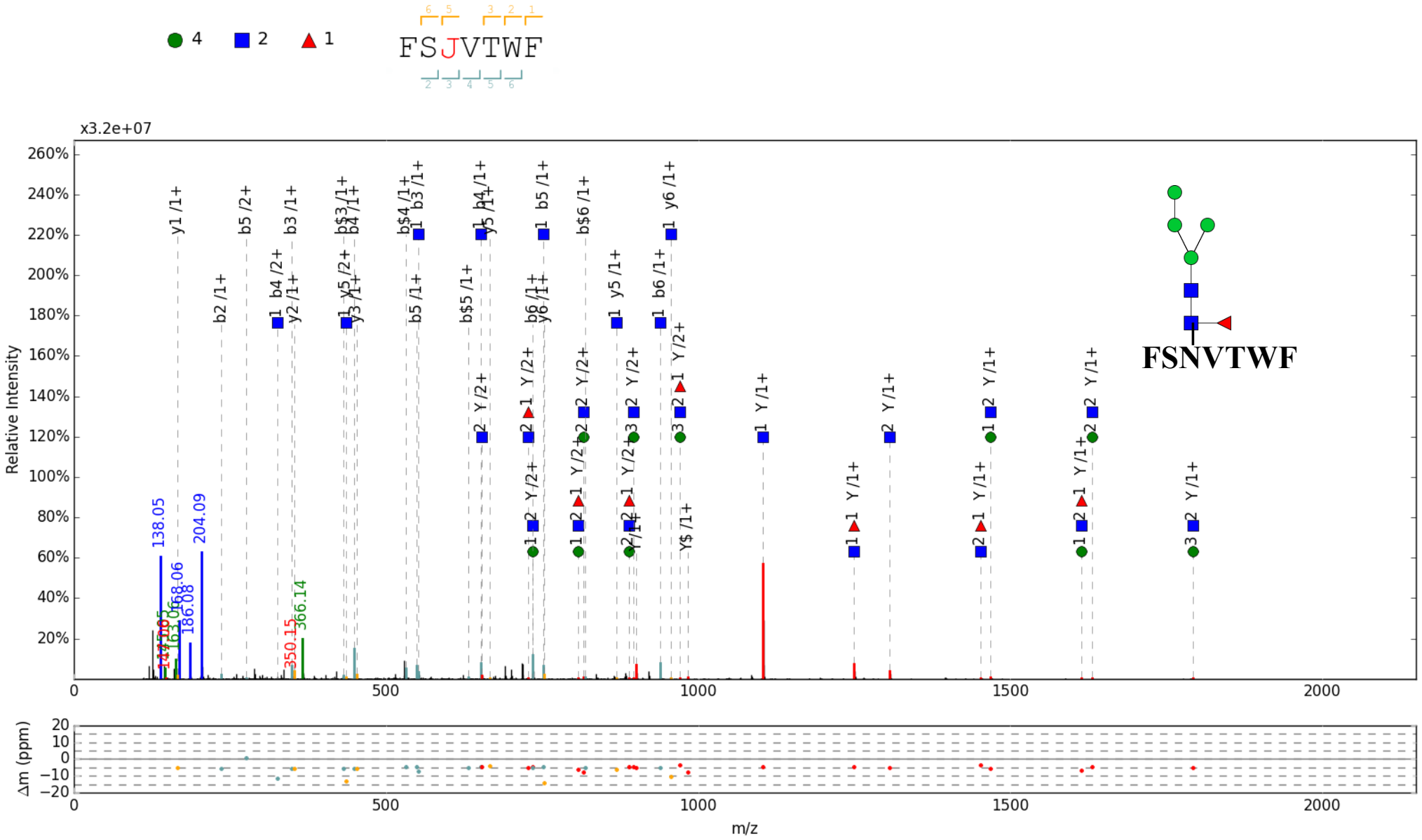
N17


3
2
VSSQCVJLTTR
x4.0e+04
Relative Intensity
y1 /1+
b$8 /2+
1 b10 /2+
1 Y /2+
2 Y /2+
1 2 Y /2+
2 2 Y /2+
3 2 Y /2+
M /2+
y$10 /1+
Y /1+
1 Y /1+
138.05
204.09
186.08
168.06
366.14
VSSQCVNLTTR
Δm (ppm)
m/z

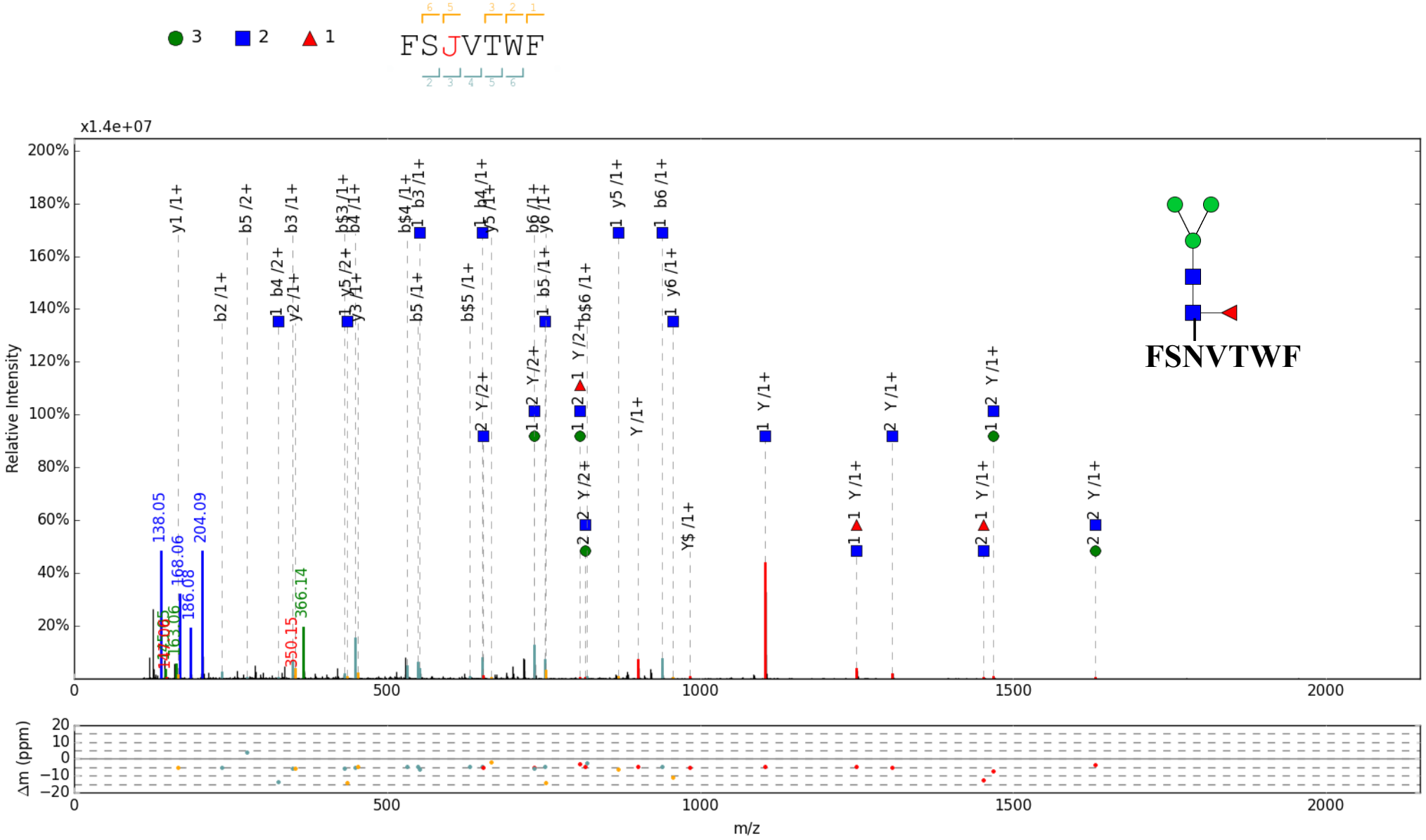
N17


3
2
1
VSSQCVJLTTR
x1.0e+05
Relative Intensity
VSSQCVNLTTR
b3 /1+
y$10 /2+
b10 /2+
y$10 /1+
Y /2+
M /2+
Y /1+
Y$ /1+
138.05
204.09
168.06
186.08
366.14
145.05
163.06
Δm (ppm)
m/z

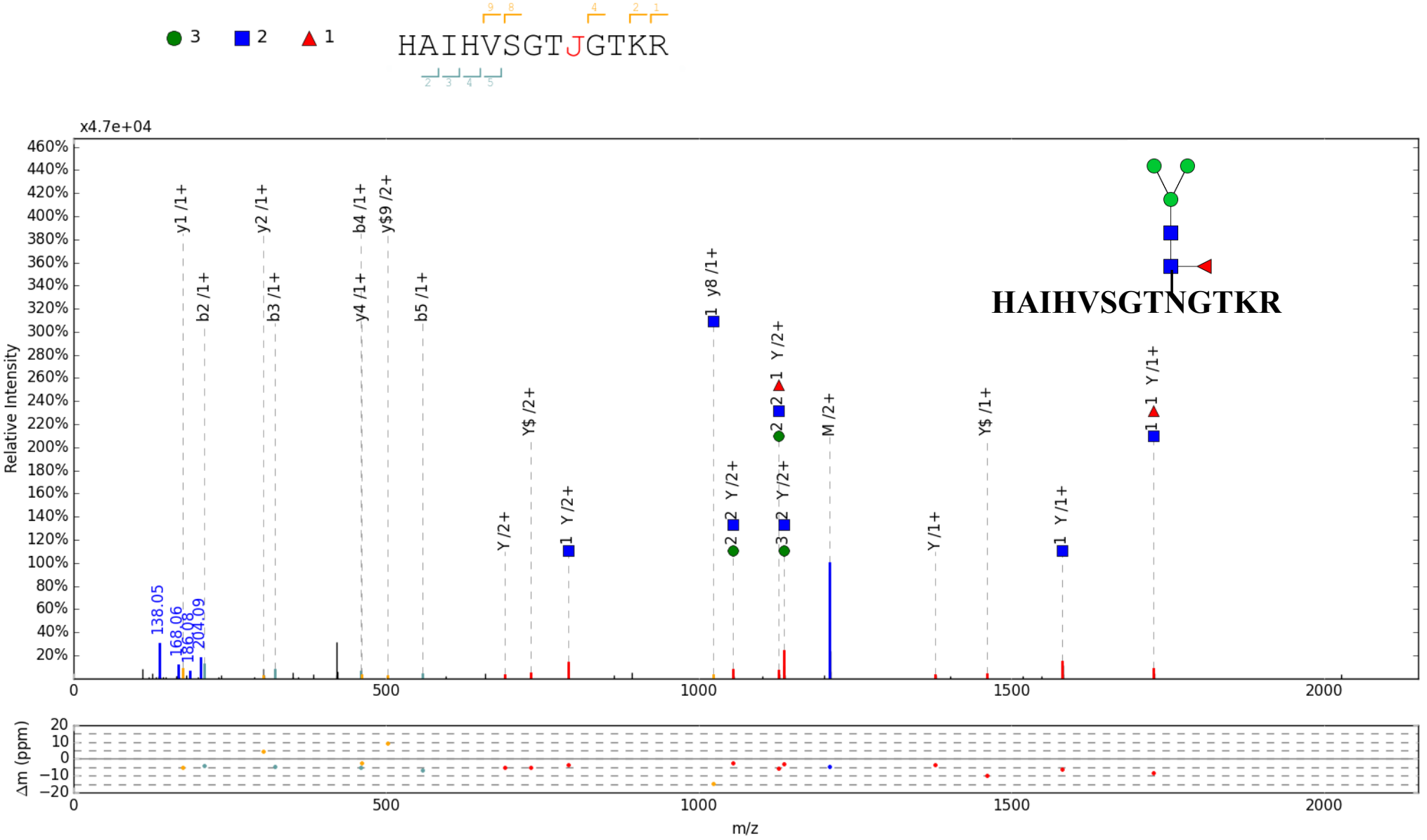
N61



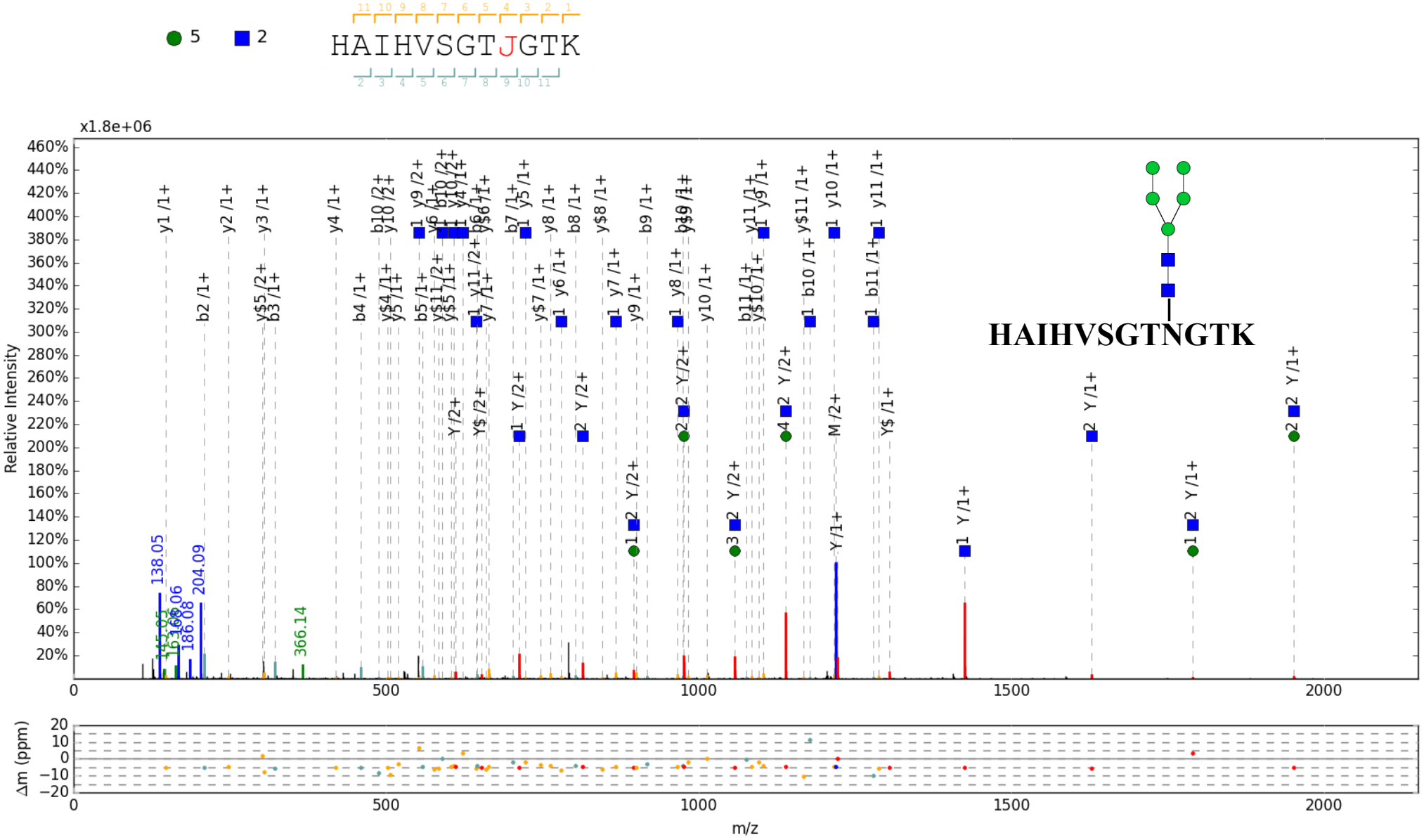
N61


3
2
1
FSJVTWF
x1.4e+07
Relative Intensity
200%
180%
160%
140%
120%
100%
80%
60%
40%
20%
0
500
1000
1500
2000
FSNVTWF
Δm (ppm)
20
10
0
−10
−20
m/z

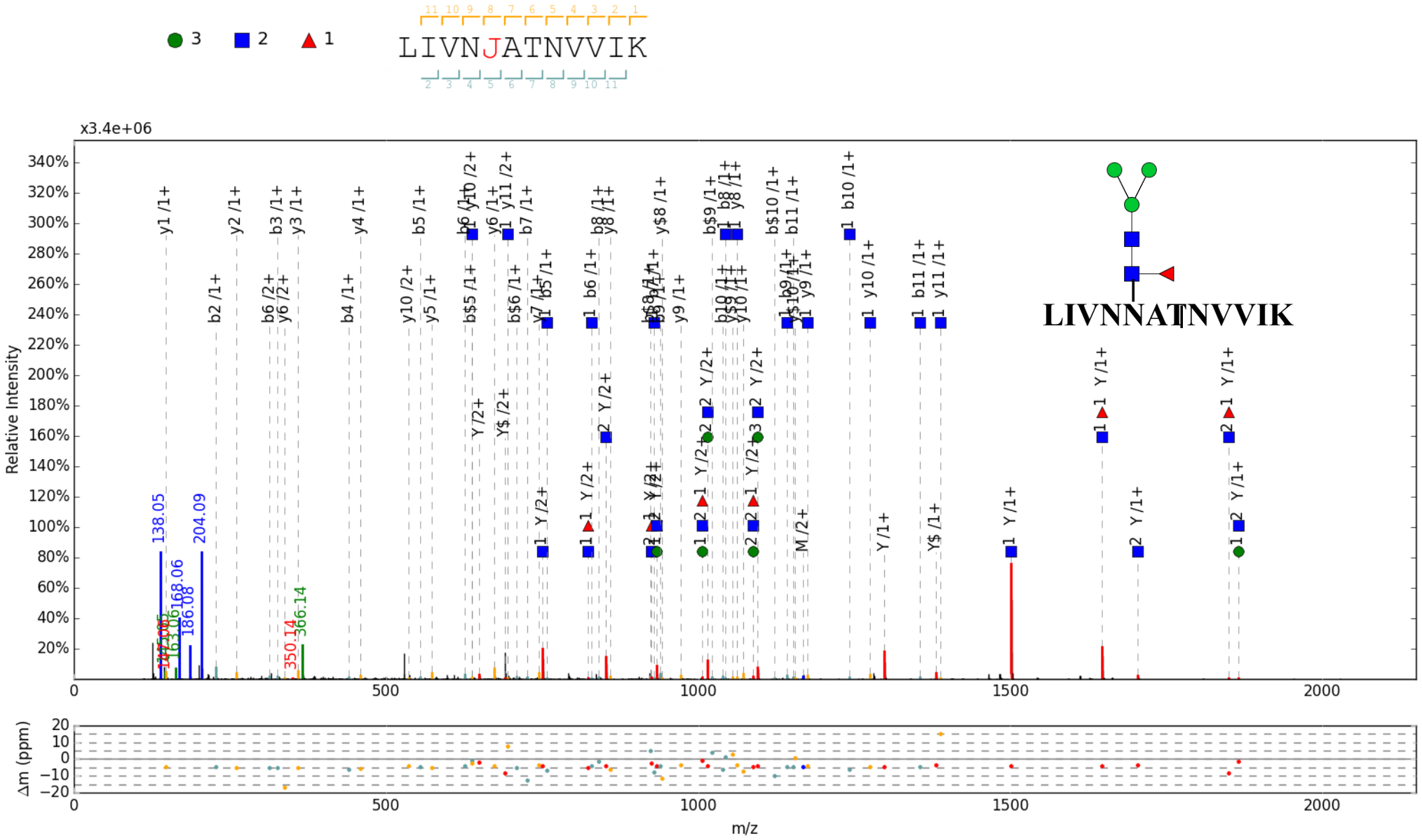
N74


3
2
1
HAIHVSGTJGTKR
HAIHVSGTNGTKR
x4.7e+04
Relative Intensity
Δm (ppm)
m/z
y1 /1+
b2 /1+
y2 /1+
b3 /1+
b4 /1+
y4 /1+
y$9 /2+
b5 /1+
y8 /1+
Y$ /2+
Y /2+
M /2+
Y$ /1+
Y /1+
138.05
168.06
186.08
204.09

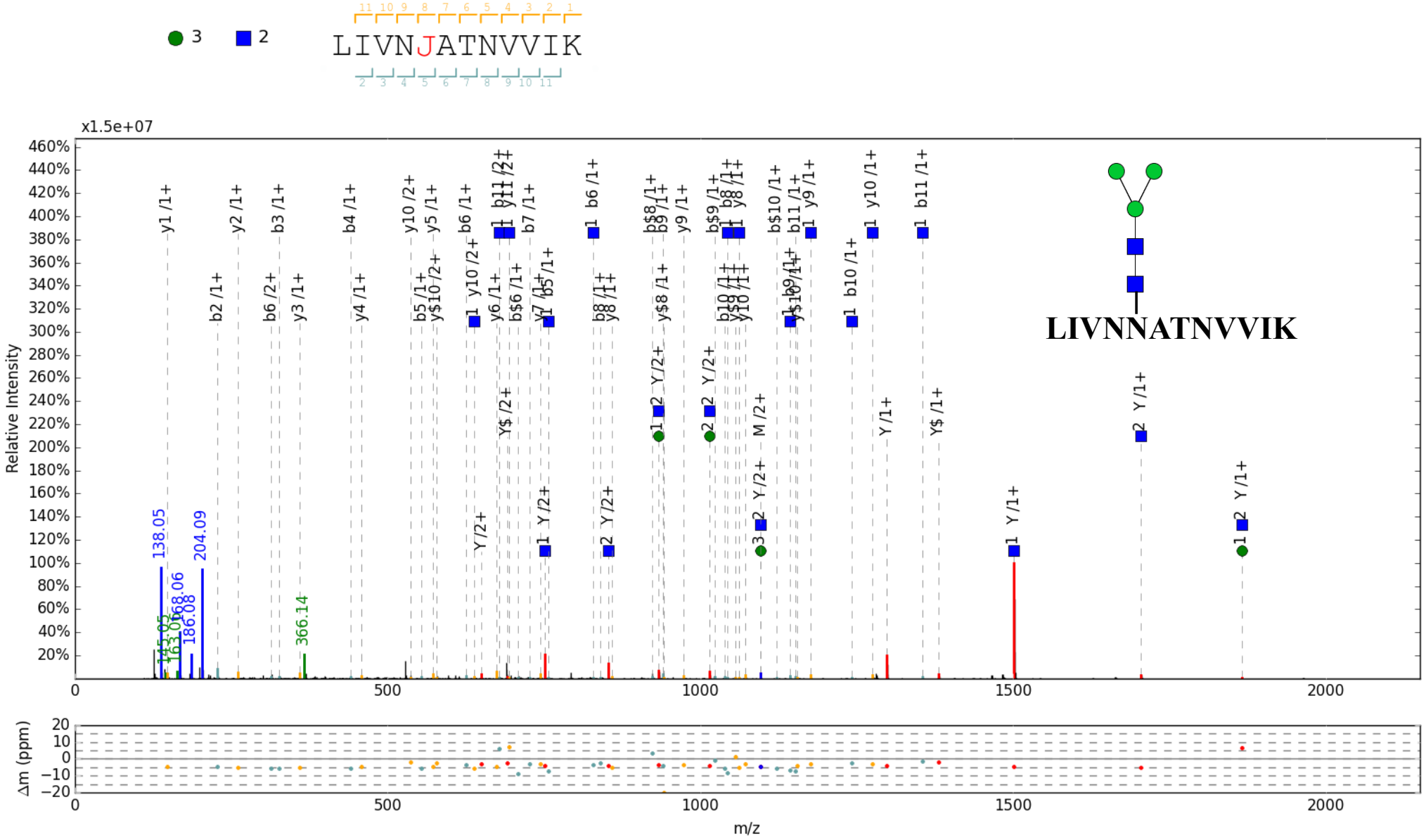
N74


5
2
HAIHVSGTJGTK
HAIHVSGTNGTK
x1.8e+06
Relative Intensity
Δm (ppm)
m/z

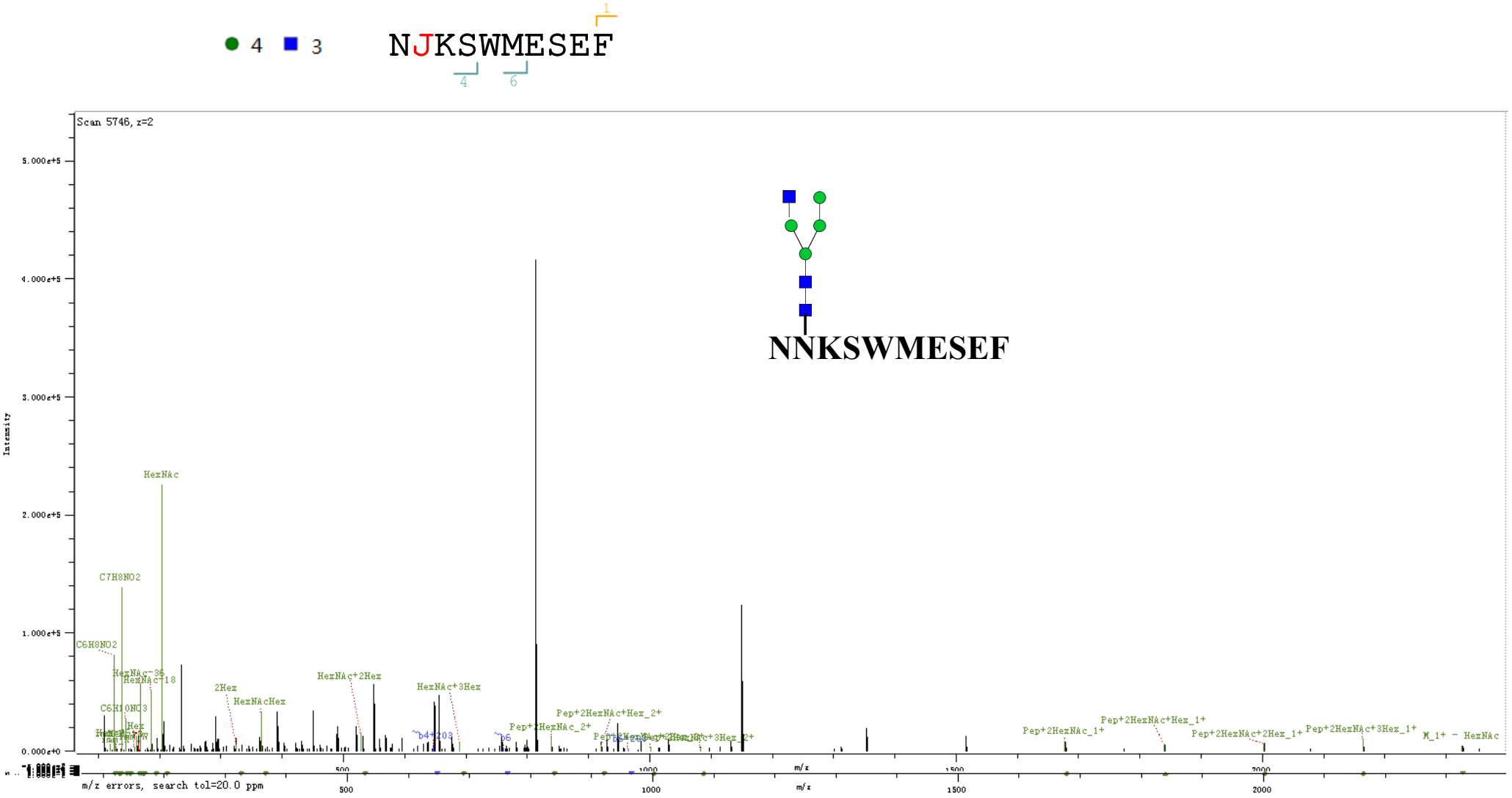
N122


3
2
1
LIVNJATNVVIK
LIVNNATNVVIK
x3.4e+06
Relative Intensity
Δm (ppm)
m/z

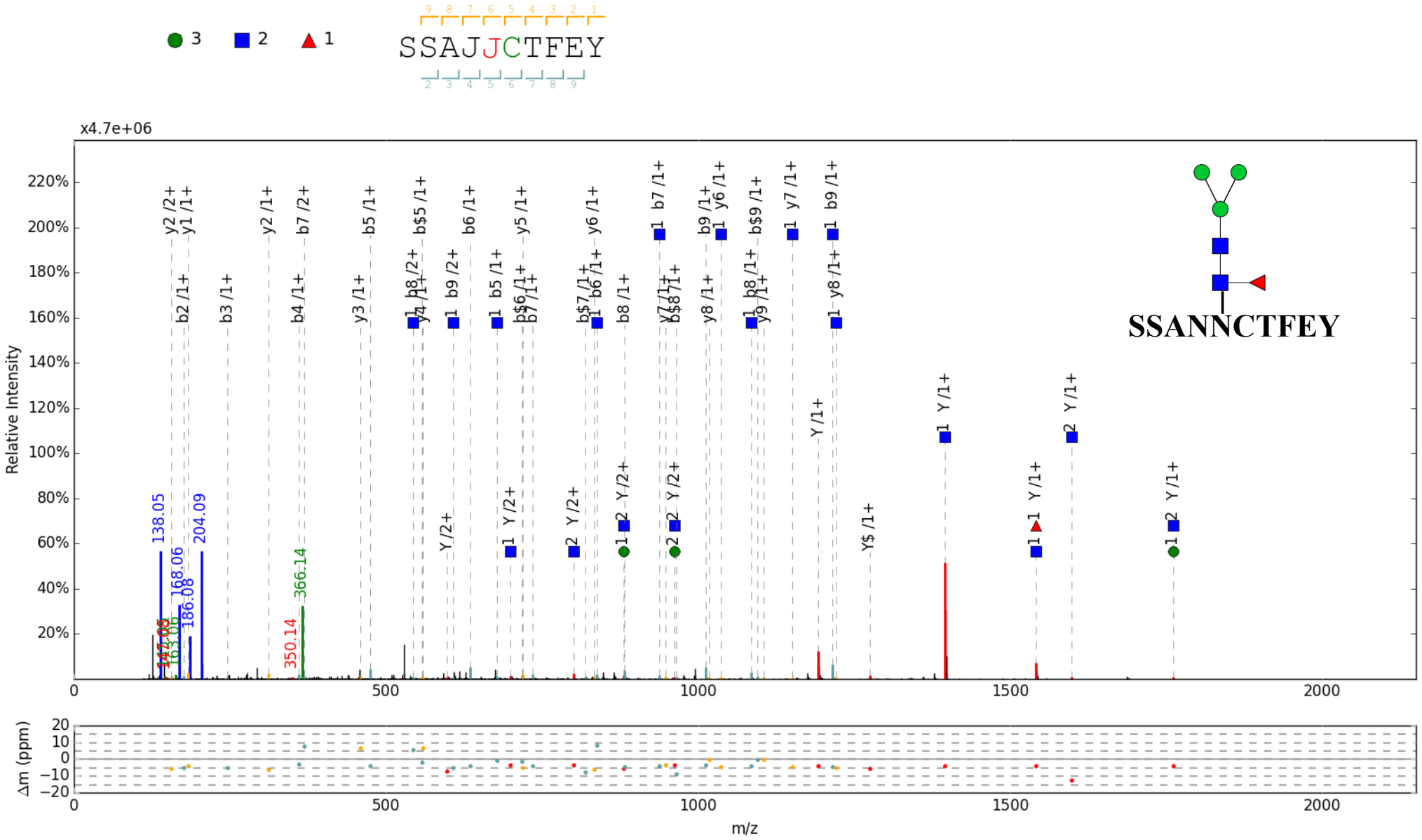
N122


3
2
LIVNJATNVVIK
LIVNNATNVVIK
x1.5e+07
Relative Intensity
m/z
Δm (ppm)

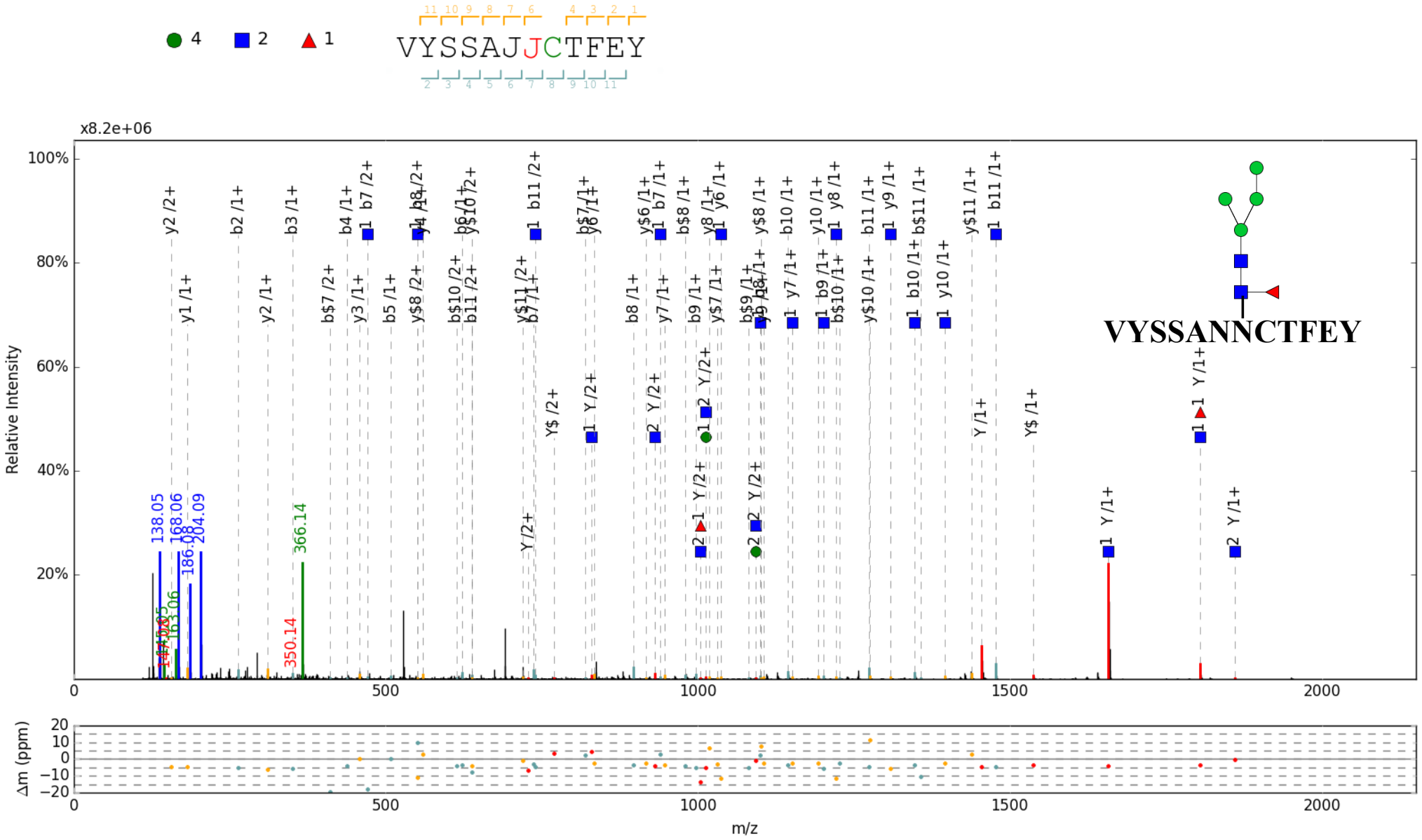
N149


4
3
NJKSWMESEF
1
4
6
Scan 5746, z=2
NNKSWMESEF
Intensity
5.000e+5
4.000e+5
3.000e+5
2.000e+5
1.000e+5
0.000e+0
HexNAc
C7H8NO2
C6H8NO2
HexNAc-36
HexNAc-18
2Hex
HexNAcHex
HexNAc+2Hex
HexNAc+3Hex
Pep+2HexNAc_2+
Pep+2HexNAc+Hex_2+
Pep+2HexNAc_1+
Pep+2HexNAc+Hex_1+
Pep+2HexNAc+2Hex_1+
Pep+2HexNAc+3Hex_1+
M_1+ - HexNAc
m/z errors, search tol=20.0 ppm
500
1000
1500
2000
m/z

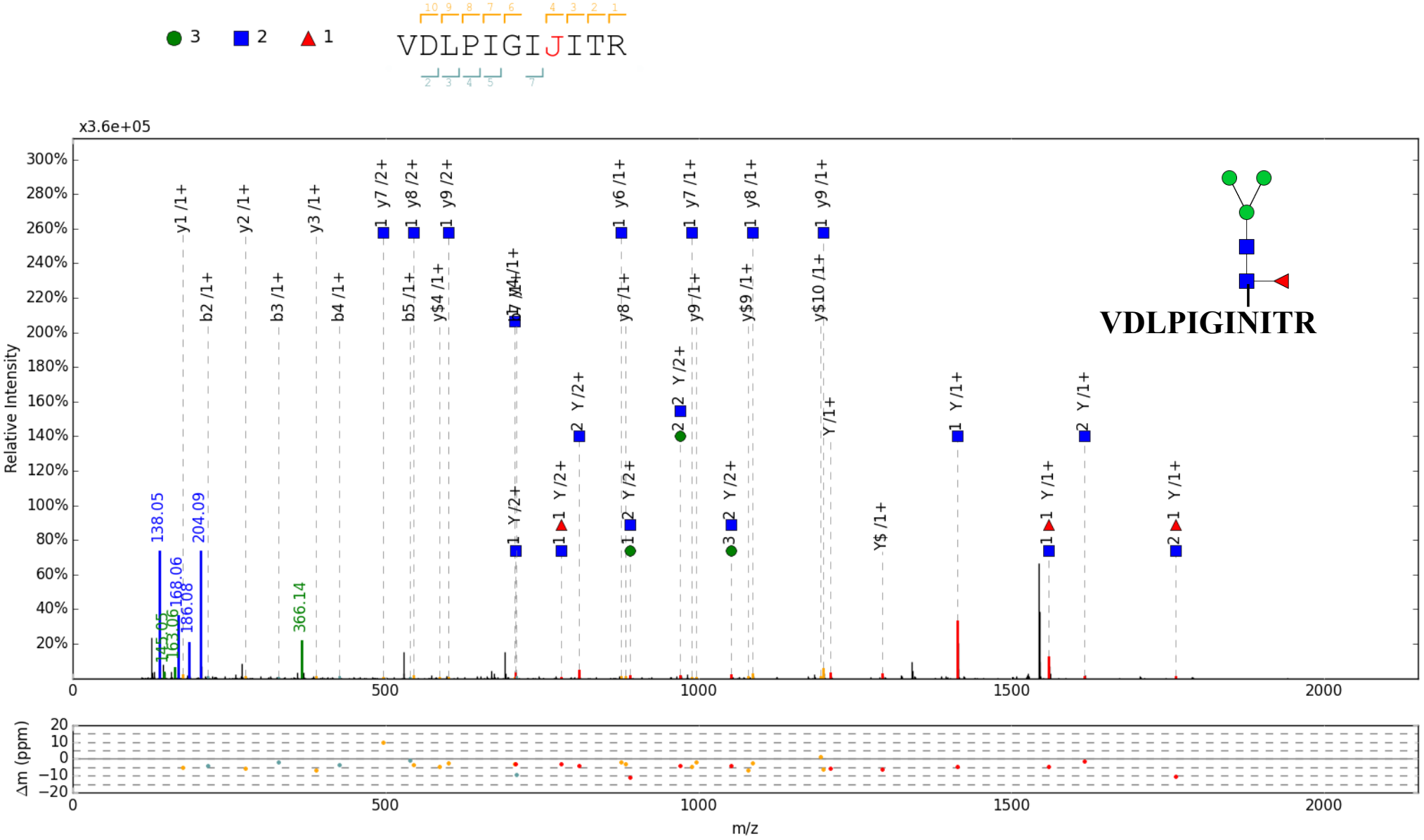
N165


3
2
1
SSAJJCTFEY
SSANNCTFEY
x4.7e+06
Relative Intensity
m/z
Δm (ppm)

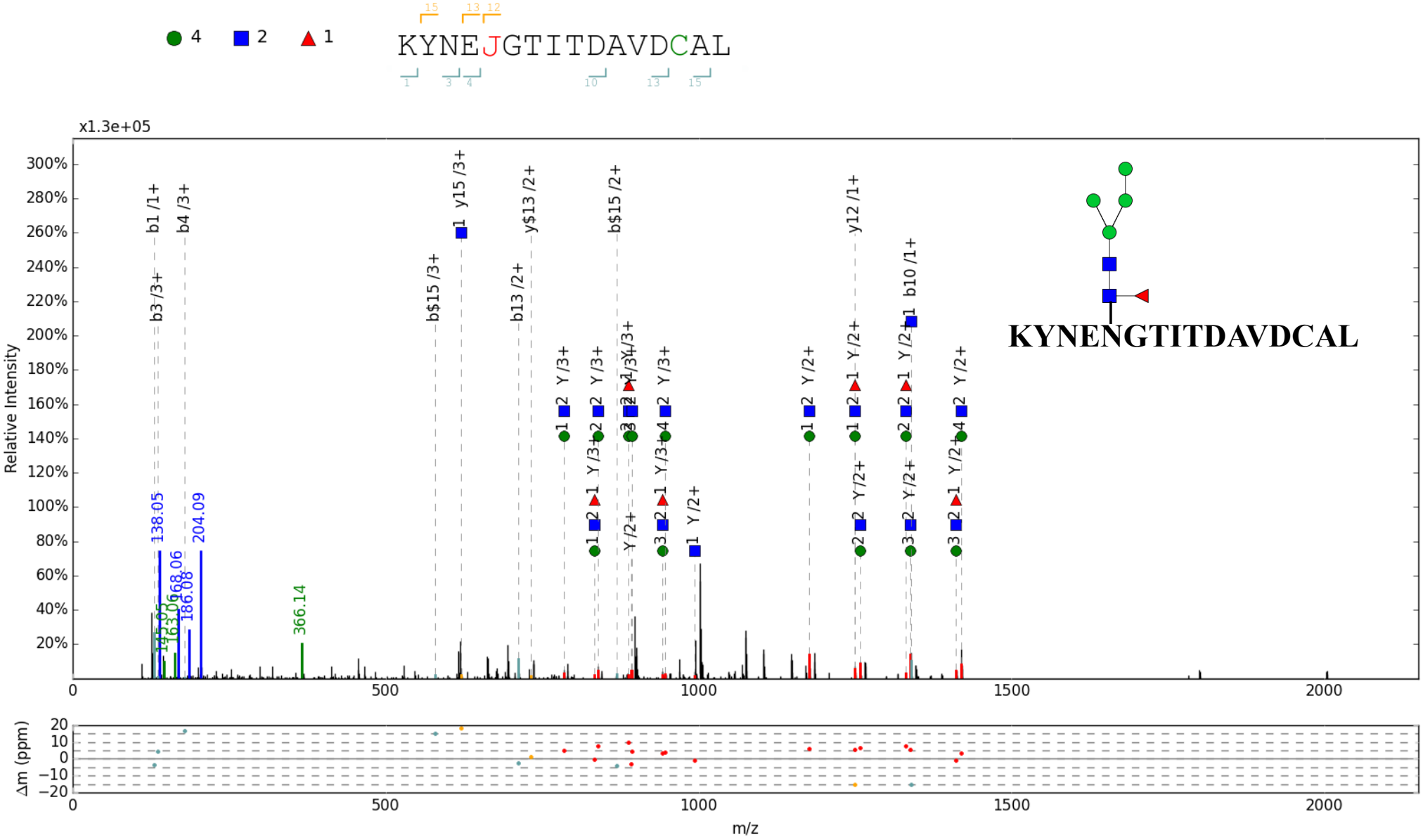
N165


4
2
1
VYSSAJJCTFEY
x8.2e+06
Relative Intensity
100%
80%
60%
40%
20%
0
500
1000
1500
2000
VYSSANNCTFEY
Δm (ppm)
m/z

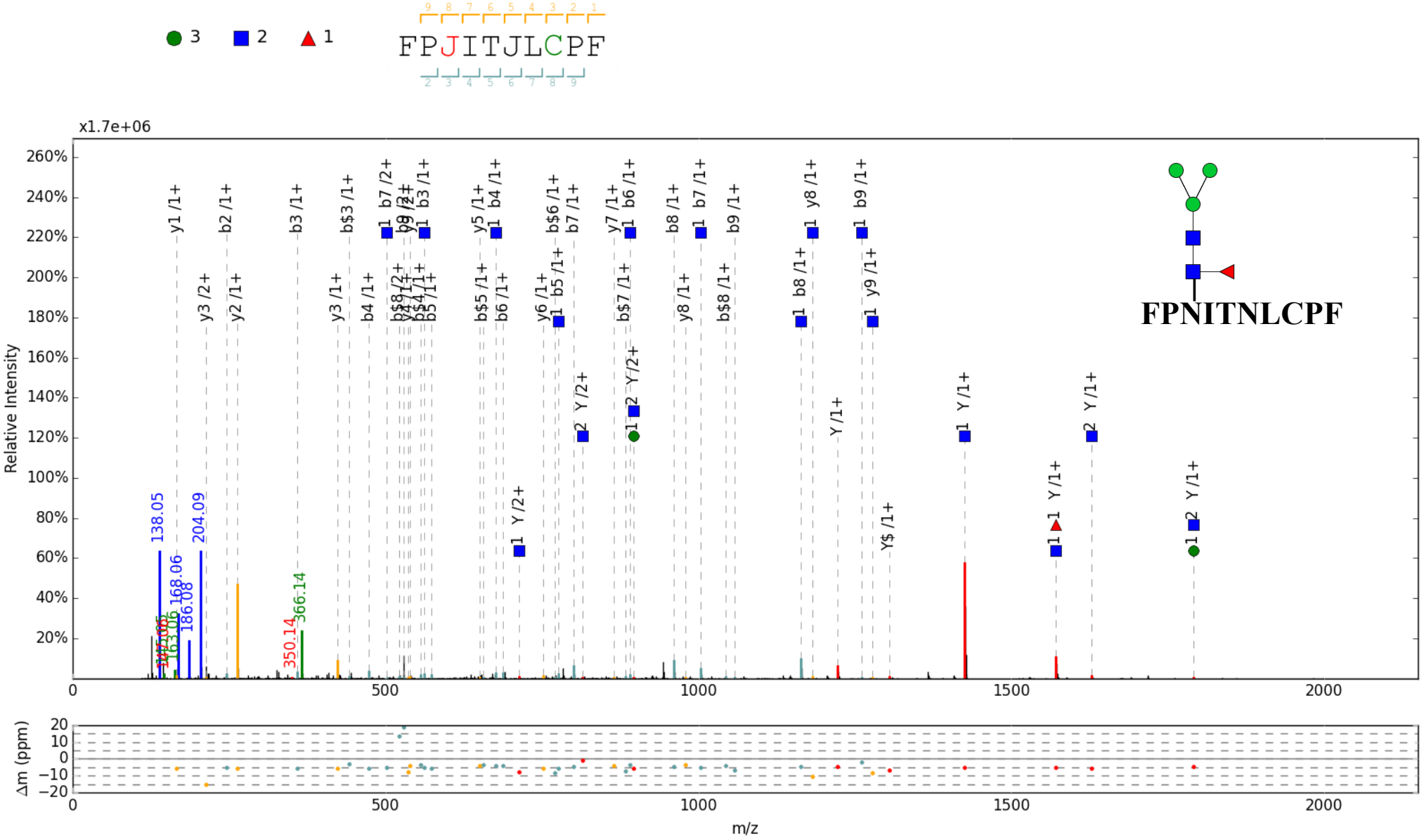
N234


3
2
1
VDLPIGIJITR
x3.6e+05
Relative Intensity
VDLPIGINITR
Δm (ppm)
m/z

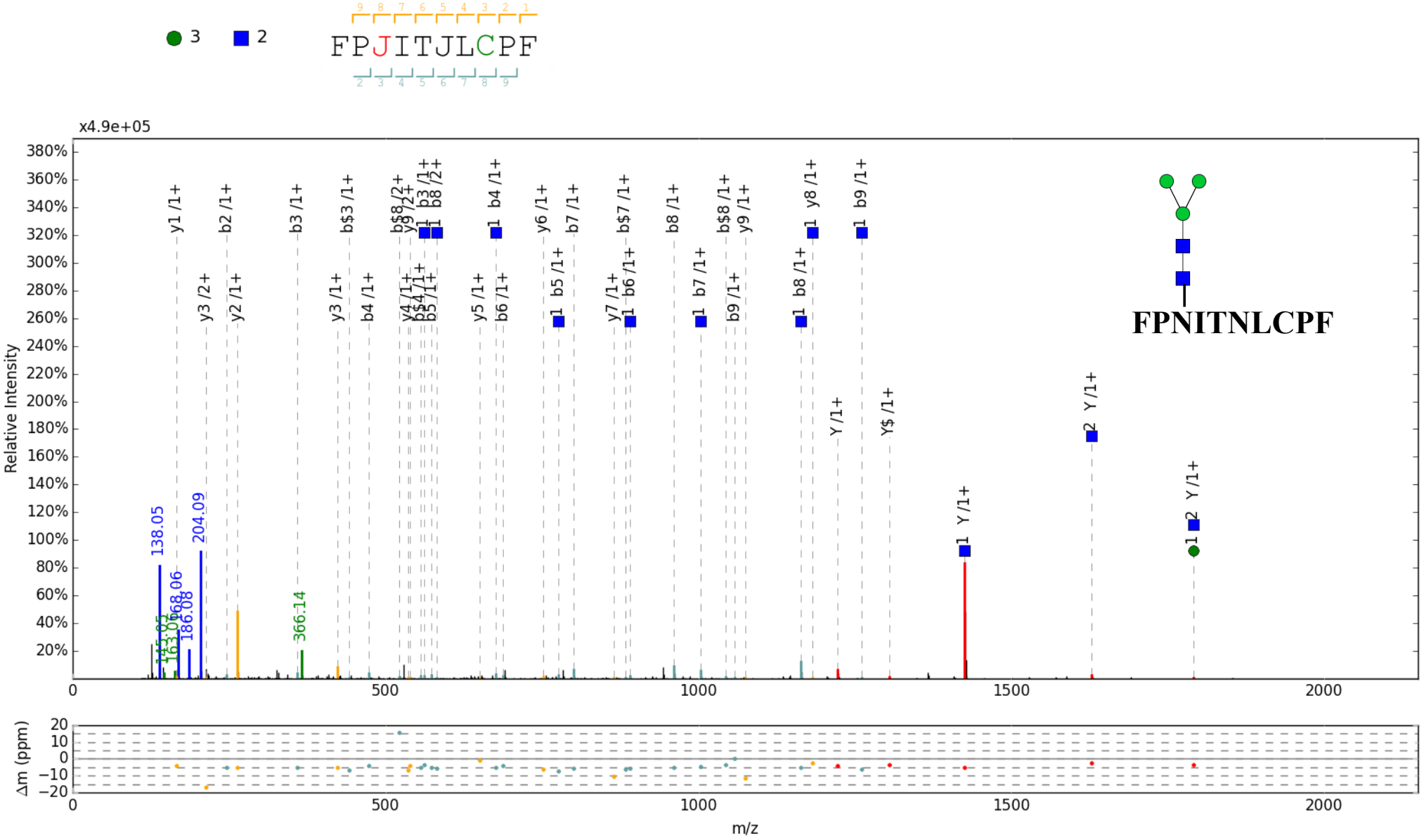
N282


4
2
1
KYNEJGTITDAVDCAL
KYNENGTITDAVDCAL
x1.3e+05
Relative Intensity
Δm (ppm)
m/z
b1 /1+
b4 /3+
b3 /3+
b$15 /3+
y15 /3+
b13 /2+
y$13 /2+
b$15 /2+
y12 /1+
b10 /1+
138.05
204.09
186.08
168.06
366.14

N331

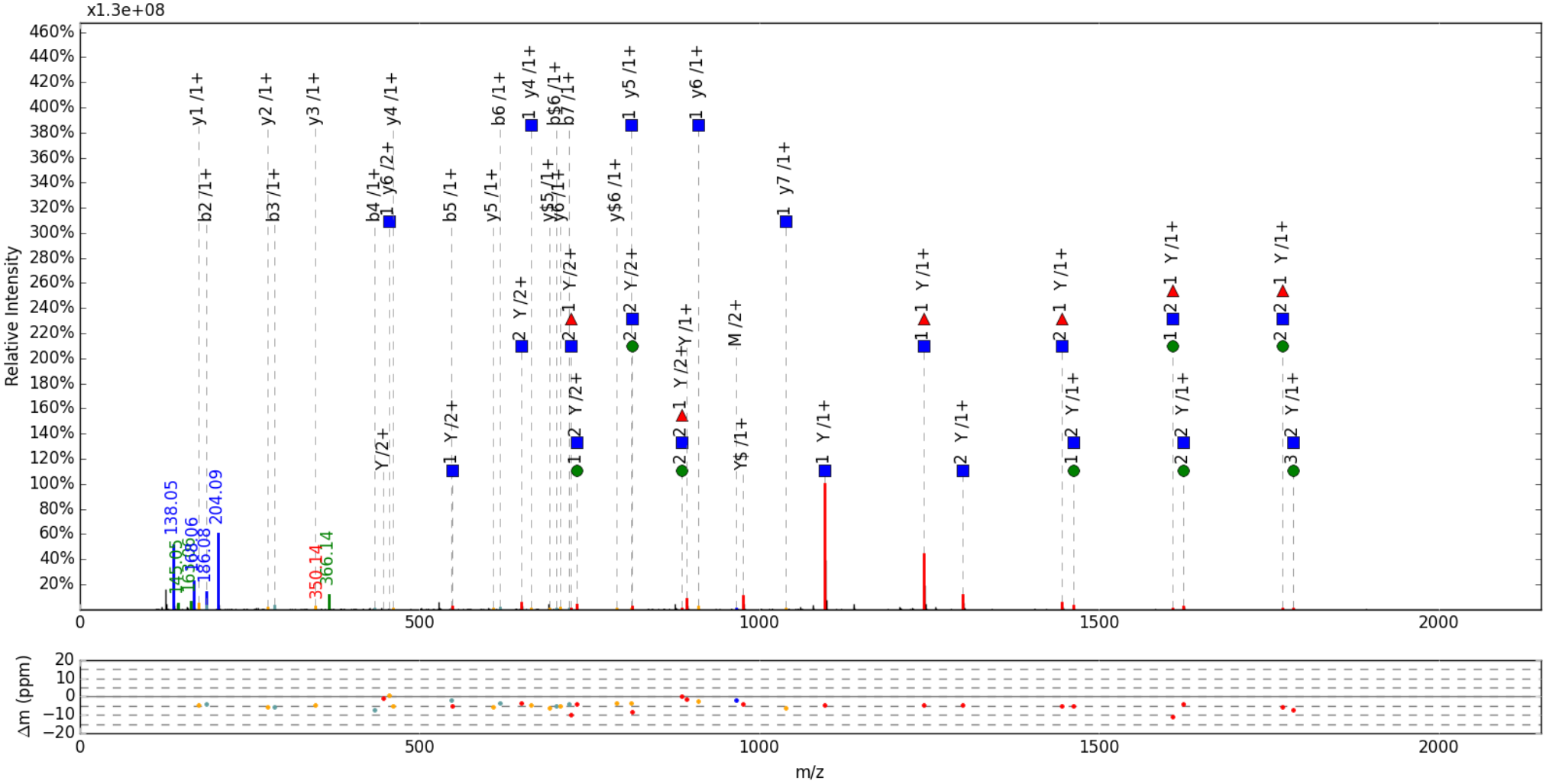

3
2
1
FPJITJLCPF
FPNITNLCPF
x1.7e+06
Relative Intensity
m/z
Δm (ppm)

N331

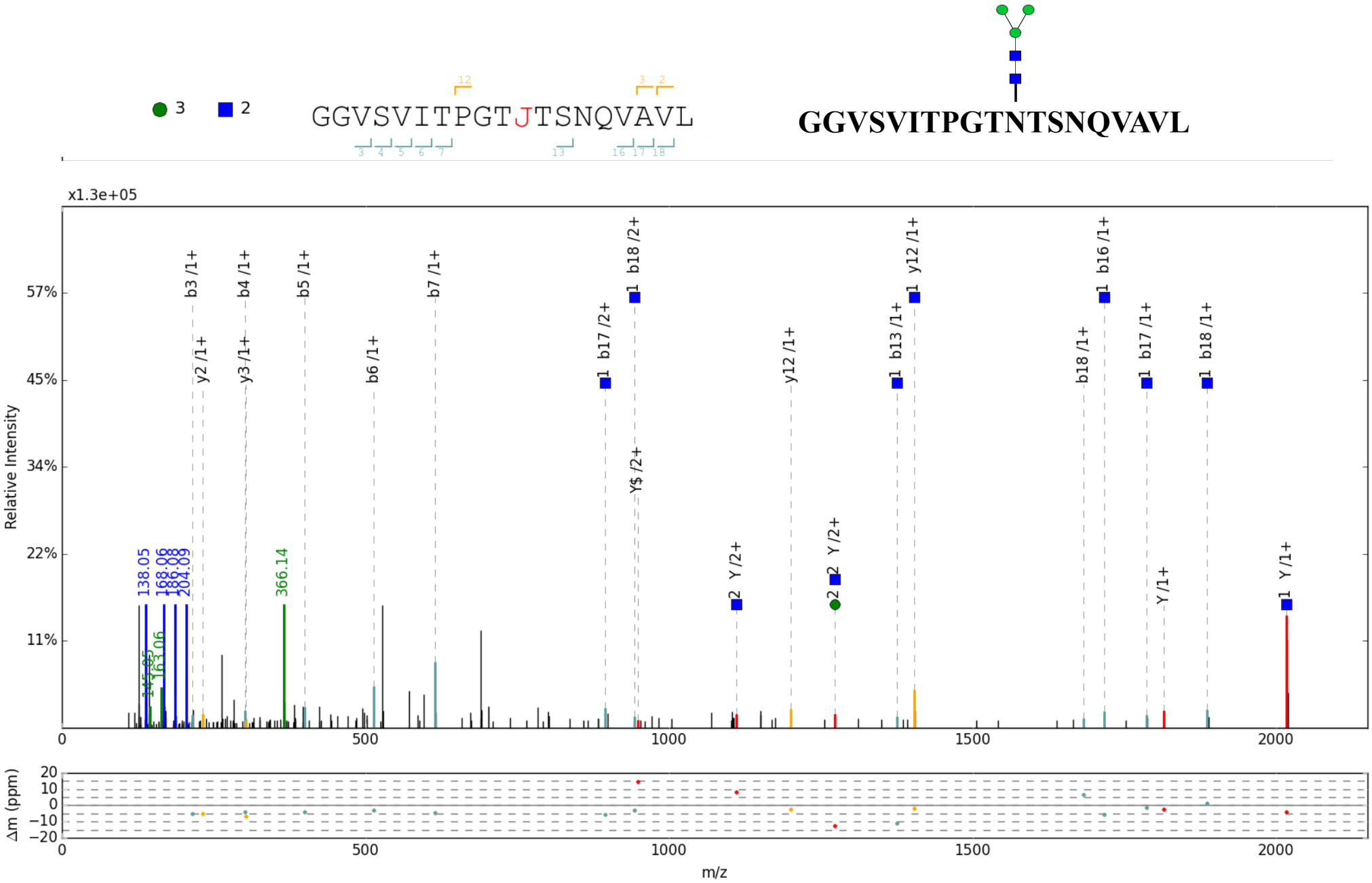

3
2
FPJITJLCPF
FPNITNLCPF
x4.9e+05
Relative Intensity
m/z
Δm (ppm)

N343

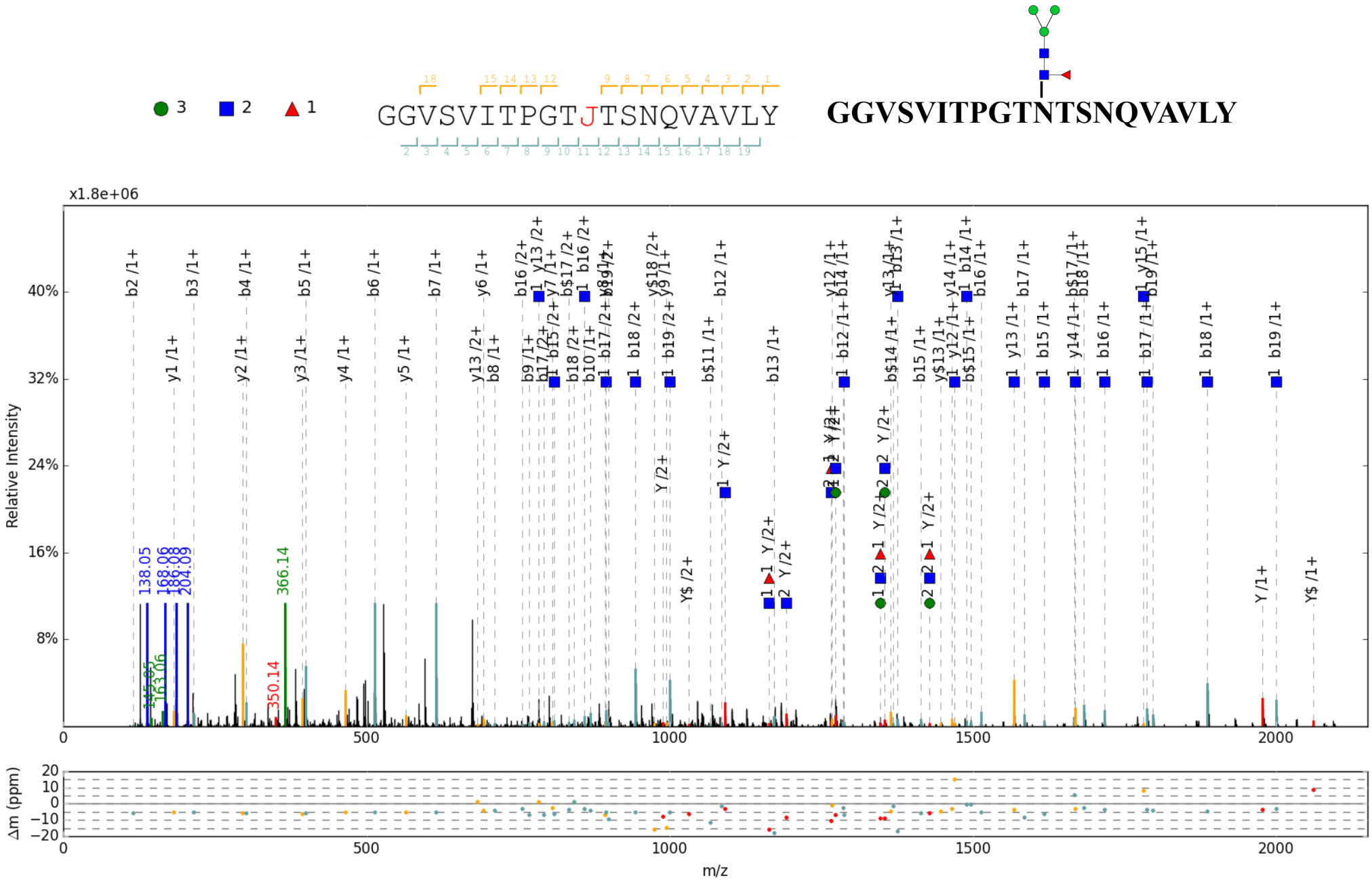
3
2
1
7 6 5 4 3 2 1
GEVFJATR
2 3 4 5 6 7
GEVFNATR


x1.3e+08
Relative Intensity
460%
440%
420%
400%
380%
360%
340%
320%
300%
280%
260%
240%
220%
200%
180%
160%
140%
120%
100%
80%
60%
40%
20%
0
500
1000
1500
2000
y1 /1+
b2 /1+
y2 /1+
b3 /1+
y3 /1+
b4 /1+
y6 /2+
y4 /1+
Y /2+
b5 /1+
y5 /1+
b6 /1+
y4 /1+
b$6 /1+
b7 /1+
y$5 /1+
y6 /1+
y$6 /1+
y5 /1+
y6 /1+
y7 /1+
M /2+
Y$ /1+
Y /1+
Y /2+
Y /1+
145.05
138.05
163.06
168.06
186.08
204.09
350.14
366.14
Δm (ppm)
20
10
0
−10
−20
m/z

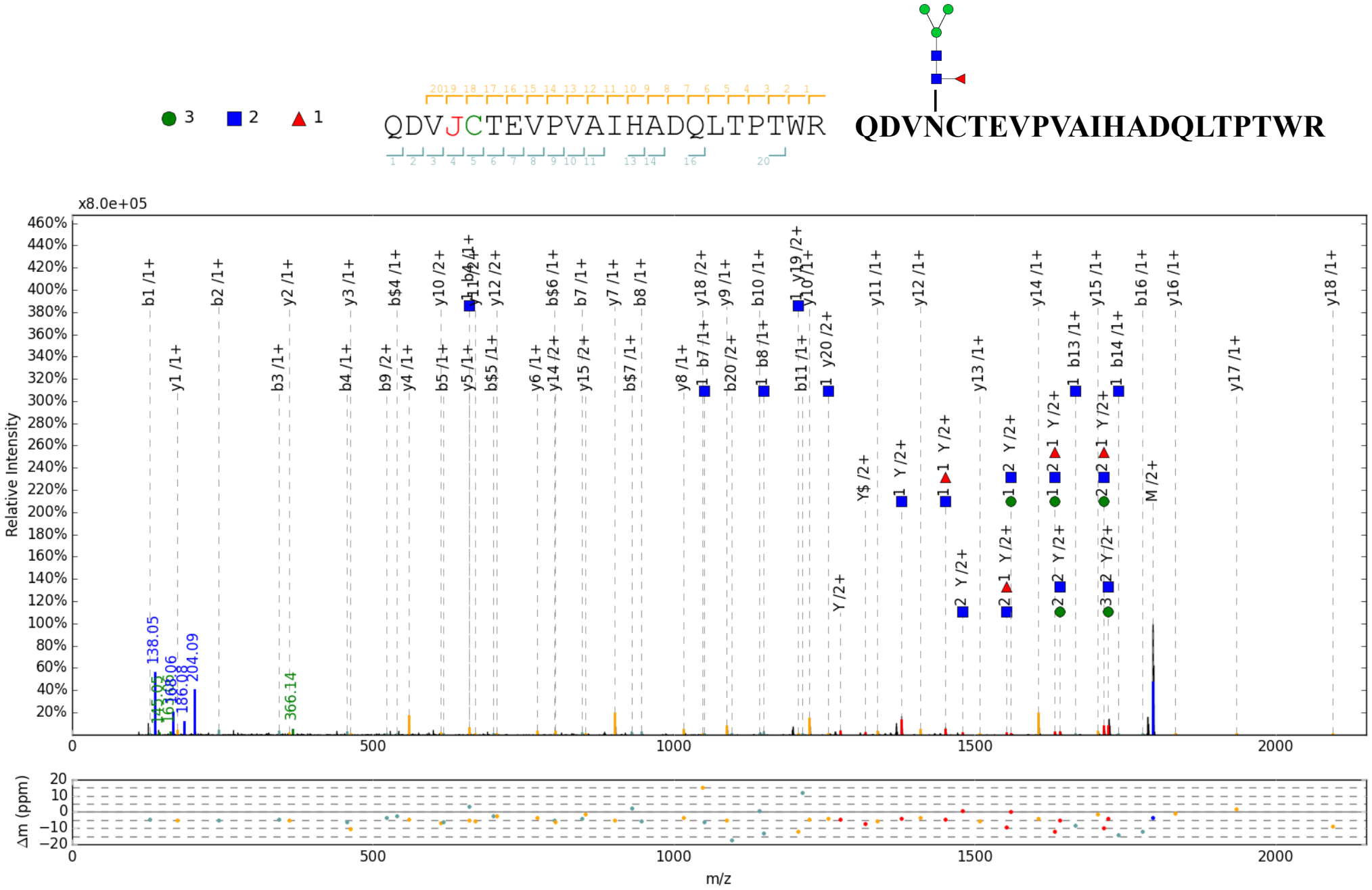
N603


3
2
GGVSVITPGTJTSNQVAVL
GGVSVITPGTNTSNQVAVL
x1.3e+05
Relative Intensity
57%
45%
34%
22%
11%
b3 /1+
y2 /1+
b4 /1+
y3 -/1+
b5 /1+
b6 /1+
b7 /1+
1 b17 /2+
1 b18 /2+
Y$ /2+
2 Y /2+
y12 /1+
2 Y /2+
1 b13 /1+
1 y12 /1+
b18 /1+
1 b16 /1+
1 b17 /1+
Y /1+
1 b18 /1+
1 Y /1+
138.05
168.08
186.08
204.09
366.14
145.05
163.06
0
500
1000
1500
2000
Δm (ppm)
20
10
0
−10
−20
m/z

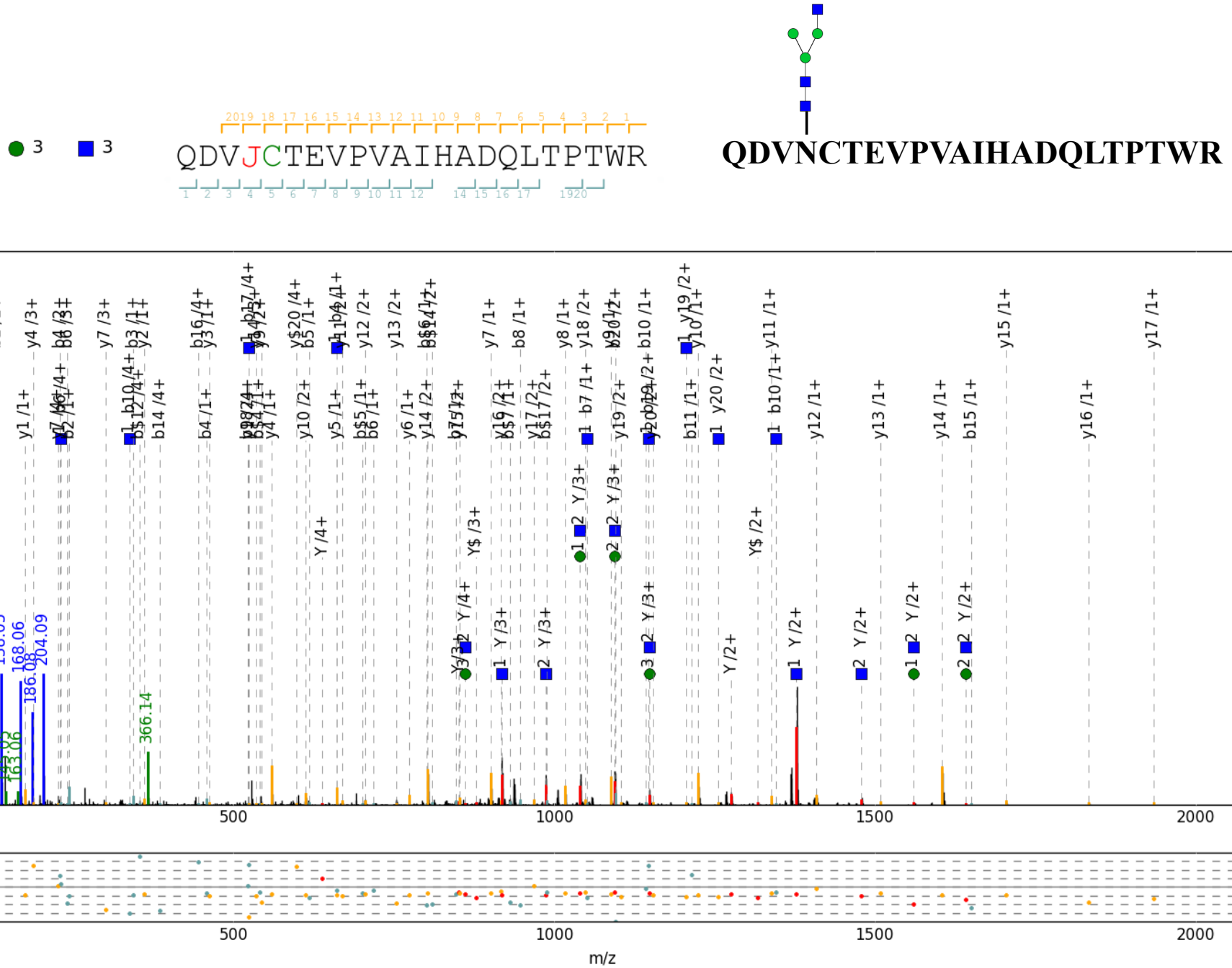
N603


3
2
1
GGVSVITPGTJTSNQVAVLY
GGVSVITPGTNTSNQVAVLY
x1.8e+06
Relative Intensity
40%
32%
24%
16%
8%
0
500
1000
1500
2000
Δm (ppm)
20
10
0
−10
−20
m/z

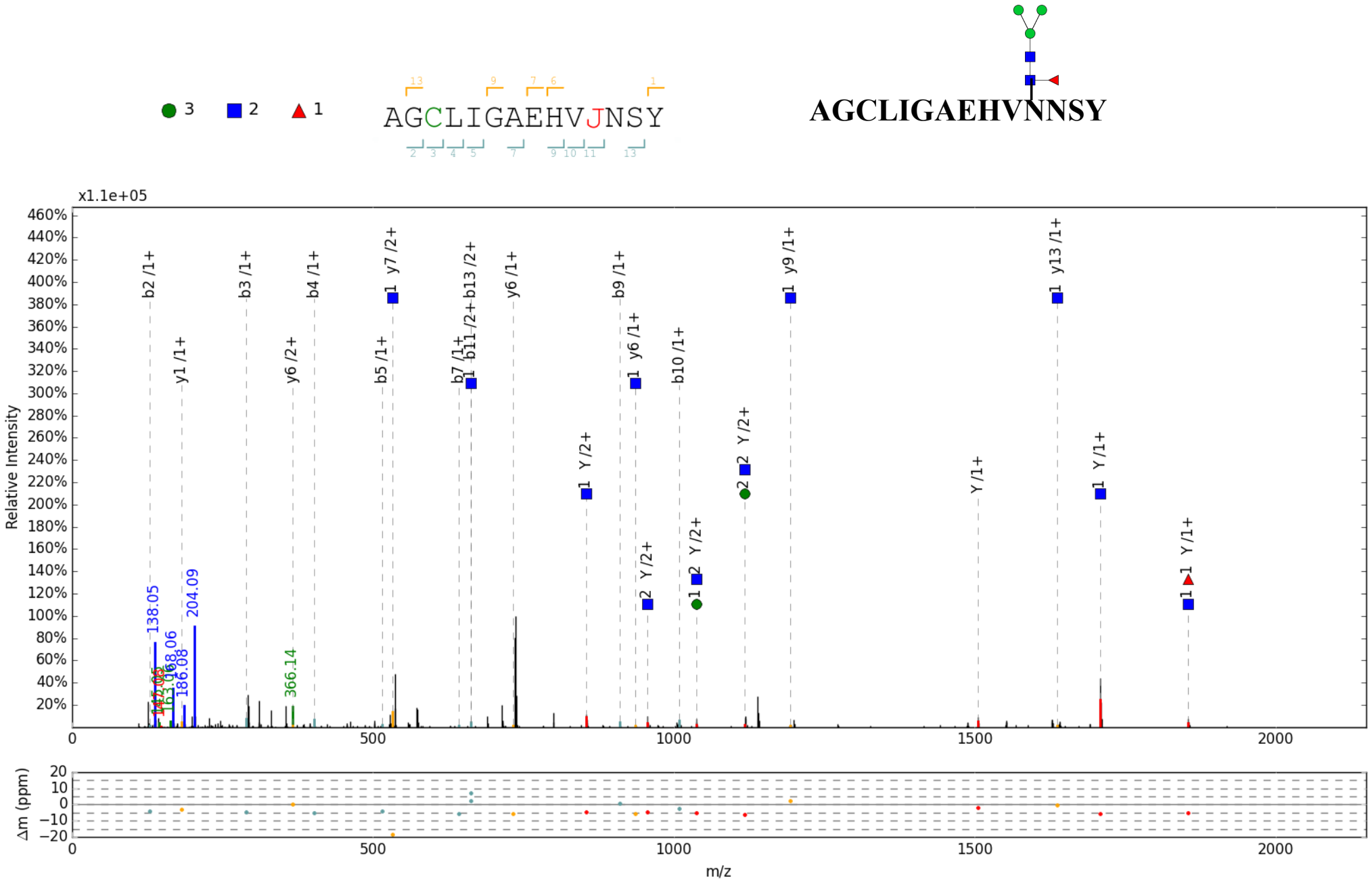
N616


3
2
1
QDVJCTEVPVAIHADQLTPTWR
QDVNCTEVPVAIHADQLTPTWR
x8.0e+05
Relative Intensity
m/z
Δm (ppm)

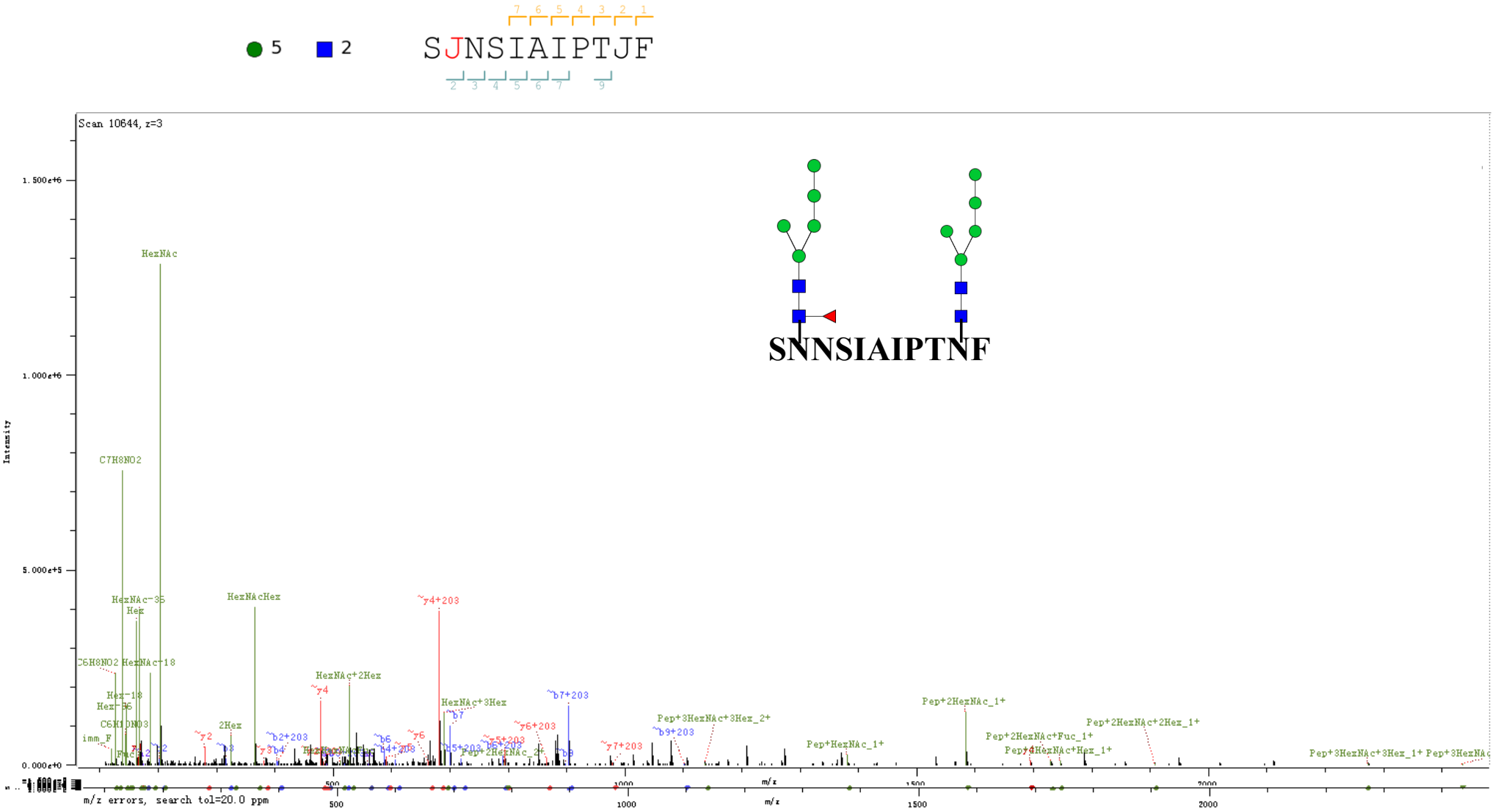
N616


3
3
QDVJCTEVPVAIHADQLTPTWR
QDVNCTEVPVAIHADQLTPTWR
x1.8e+06
Relative Intensity
Δm (ppm)
m/z

N657

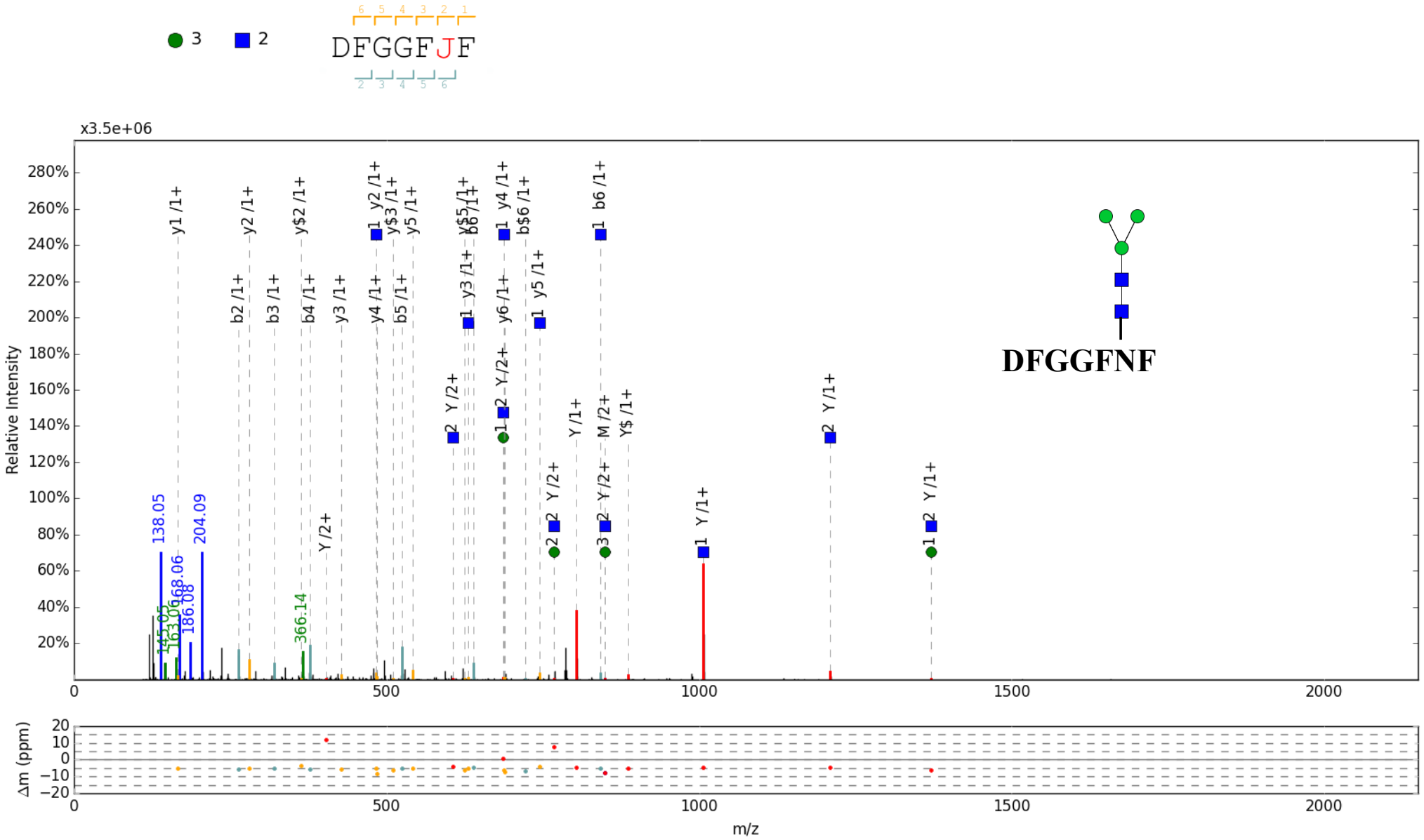

3
2
1
AGCLIGAEHVJNSY
AGCLIGAEHVNNSY
x1.1e+05
Relative Intensity
b2 /1+
y1 /1+
b3 /1+
y6 /2+
b4 /1+
b5 /1+
y7 /2+
b7 /1+
b11-/2+b13 /2+
y6 /1+
b9 /1+
y6 /1+
b10 /1+
y9 /1+
y13 /1+
Y /2+
Y /2+
Y /2+
Y /1+
Y /1+
Y /1+
138.05
204.09
186.08
366.14
Δm (ppm)
m/z

N709 & N717

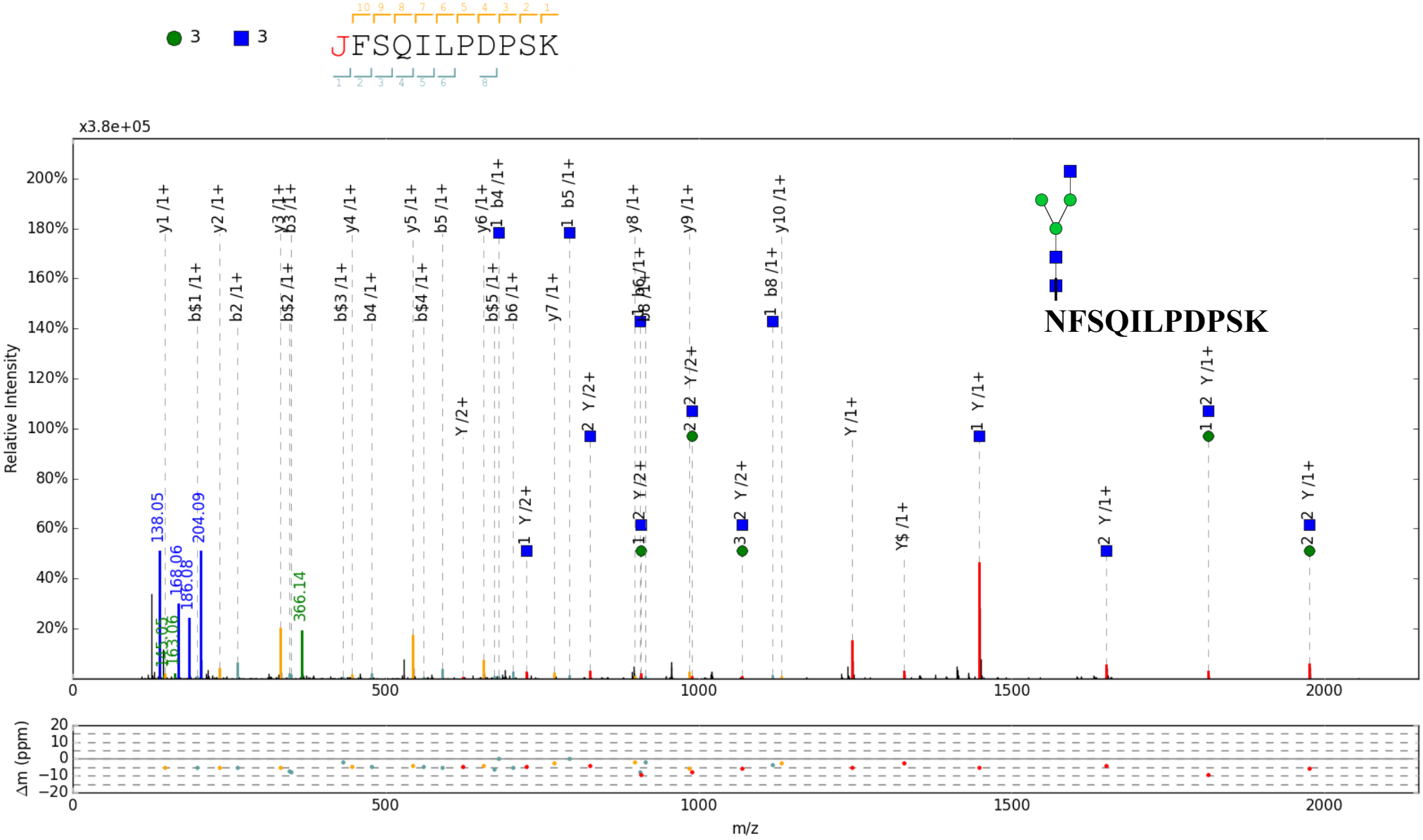


5
2
SJNSIAIPTJF
Scan 10644, z=3
SNNSIAIPTNF
Intensity
HexNAc
C7H8NO2
HexNAcHex
HexNAc+2Hex
HexNAc+3Hex
Pep+2HexNAc_1+
Pep+3HexNAc+3Hex_2+
Pep+HexNAc_1+
Pep+2HexNAc+2Hex_1+
Pep+2HexNAc+Fuc_1+
Pep+3HexNAc+3Hex_1+
m/z errors, search tol=20.0 ppm
m/z

N801

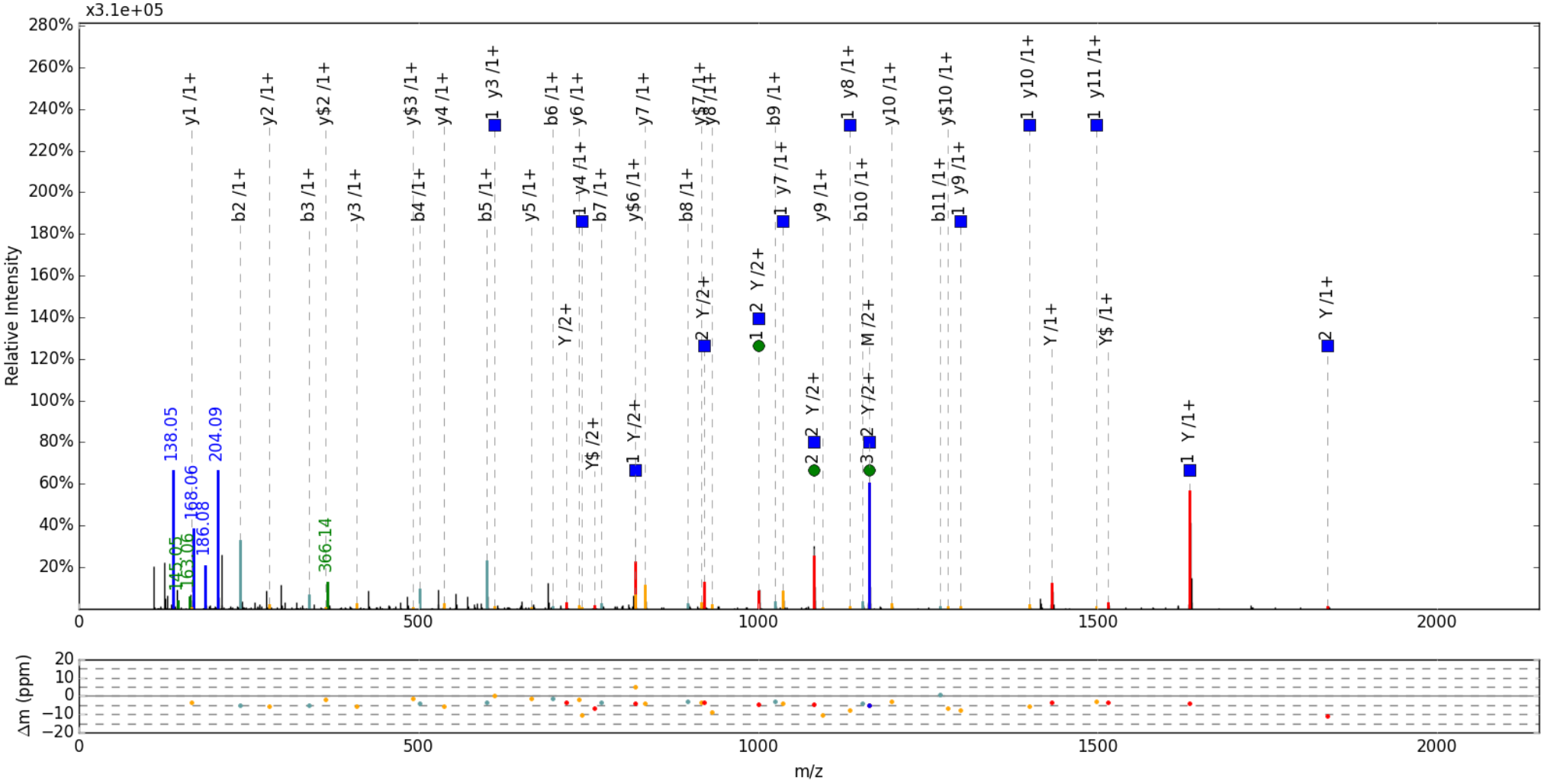


N801


3
3
JFSQILPDPSK
NFSQILPDPSK
x3.8e+05
Relative Intensity
Δm (ppm)
m/z

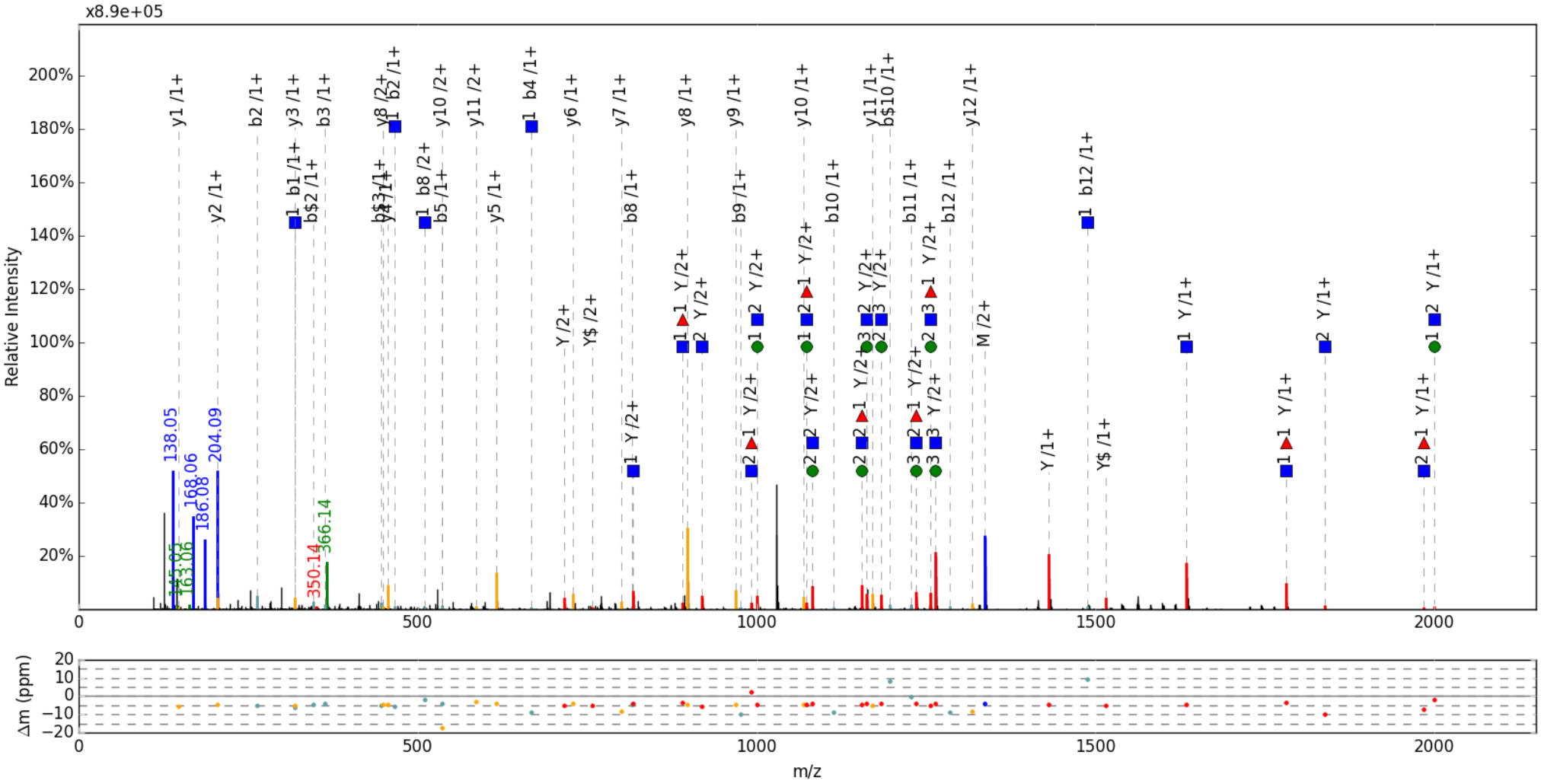
N1074

HVTYVPAQEKNF



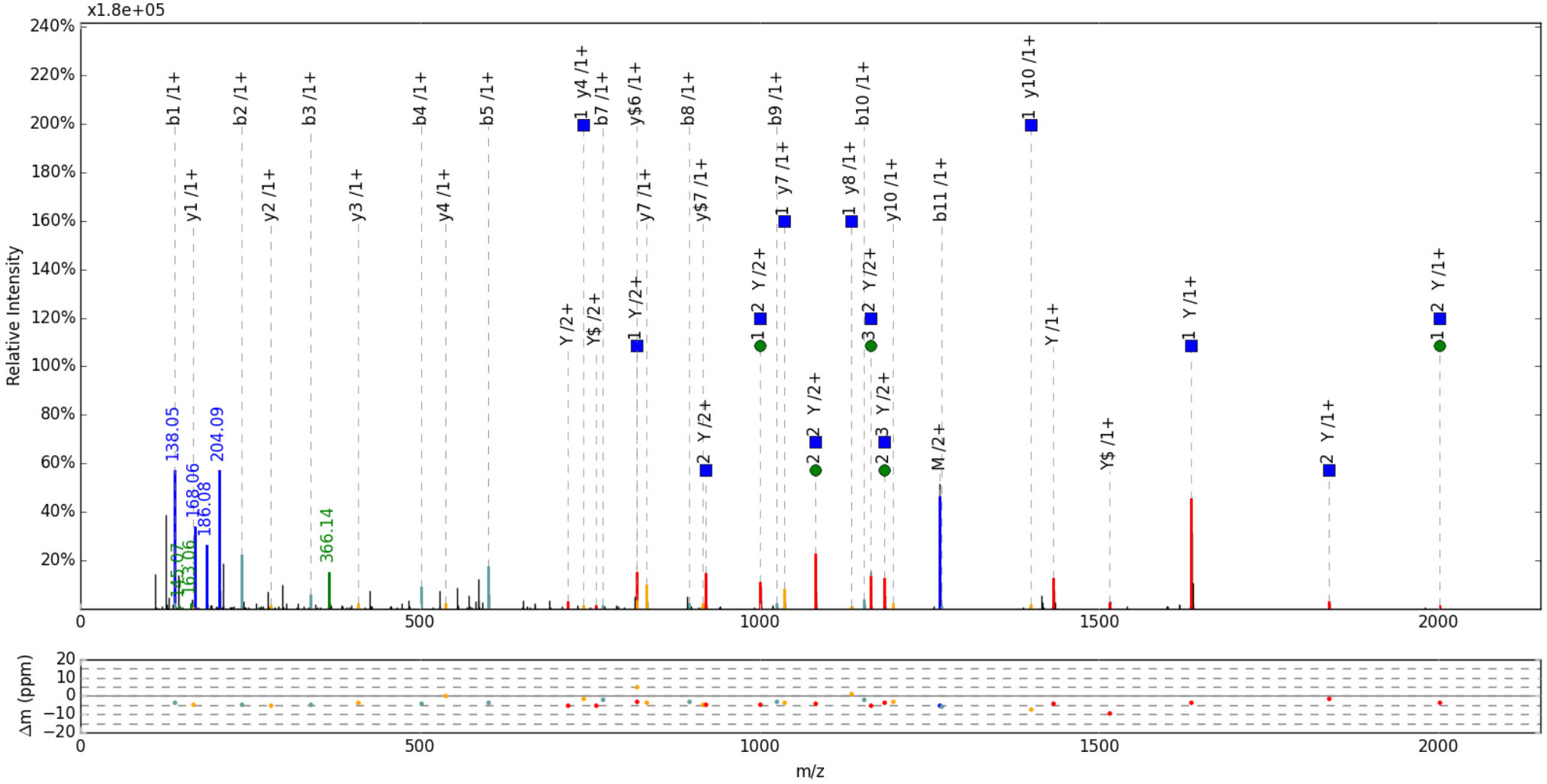
N1074

3
3
1
JFTTAPAICHDGK
NFTTAPAICHDGK


x8.9e+05
Relative Intensity
m/z
Δm (ppm)

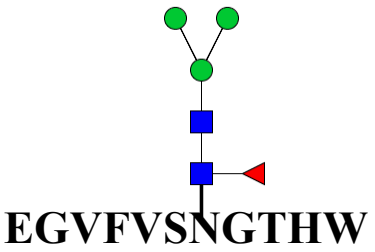
N1074

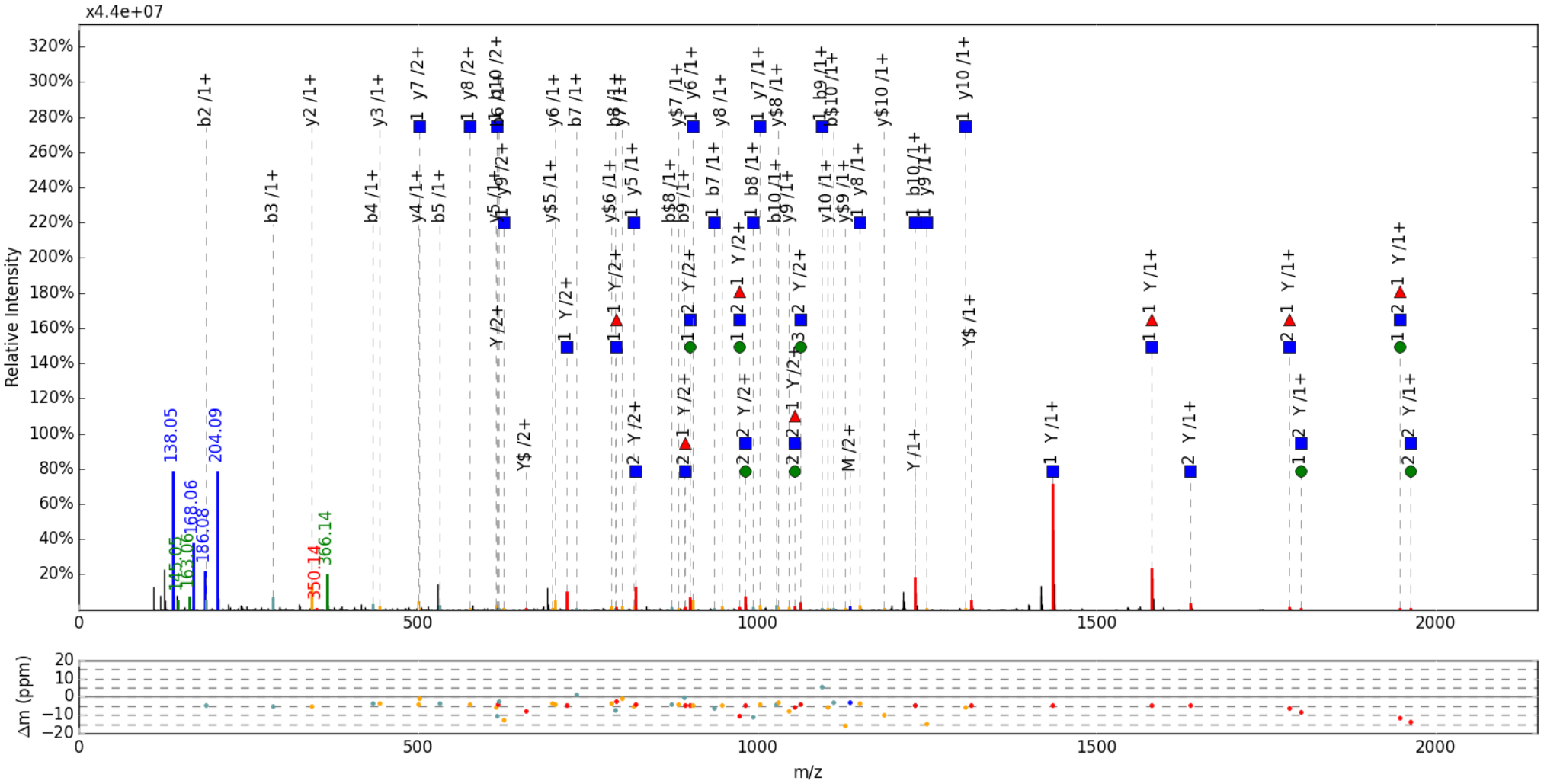
3
3
HVTYVPAQEKJF
HVTYVPAQEKNF


x1.8e+05
Relative Intensity
m/z
Δm (ppm)
b1 /1+
y1 /1+
b2 /1+
y2 /1+
b3 /1+
y3 /1+
b4 /1+
y4 /1+
b5 /1+
y4 /1+
b7 /1+
y$6 /1+
y7 /1+
b8 /1+
y$7 /1+
b9 /1+
y7 /1+
y8 /1+
b10 /1+
y10 /1+
b11 /1+
y10 /1+
Y /2+
Y$ /2+
Y /1+
Y$ /1+
M /2+
138.05
204.09
168.06
186.08
366.14
145.07
163.06

N1098

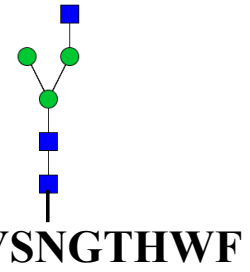
3
2
1
10 9 8 7 6 5 4 3 2
EGVFVSJGTHW
2 3 4 5 6 7 8 9 10

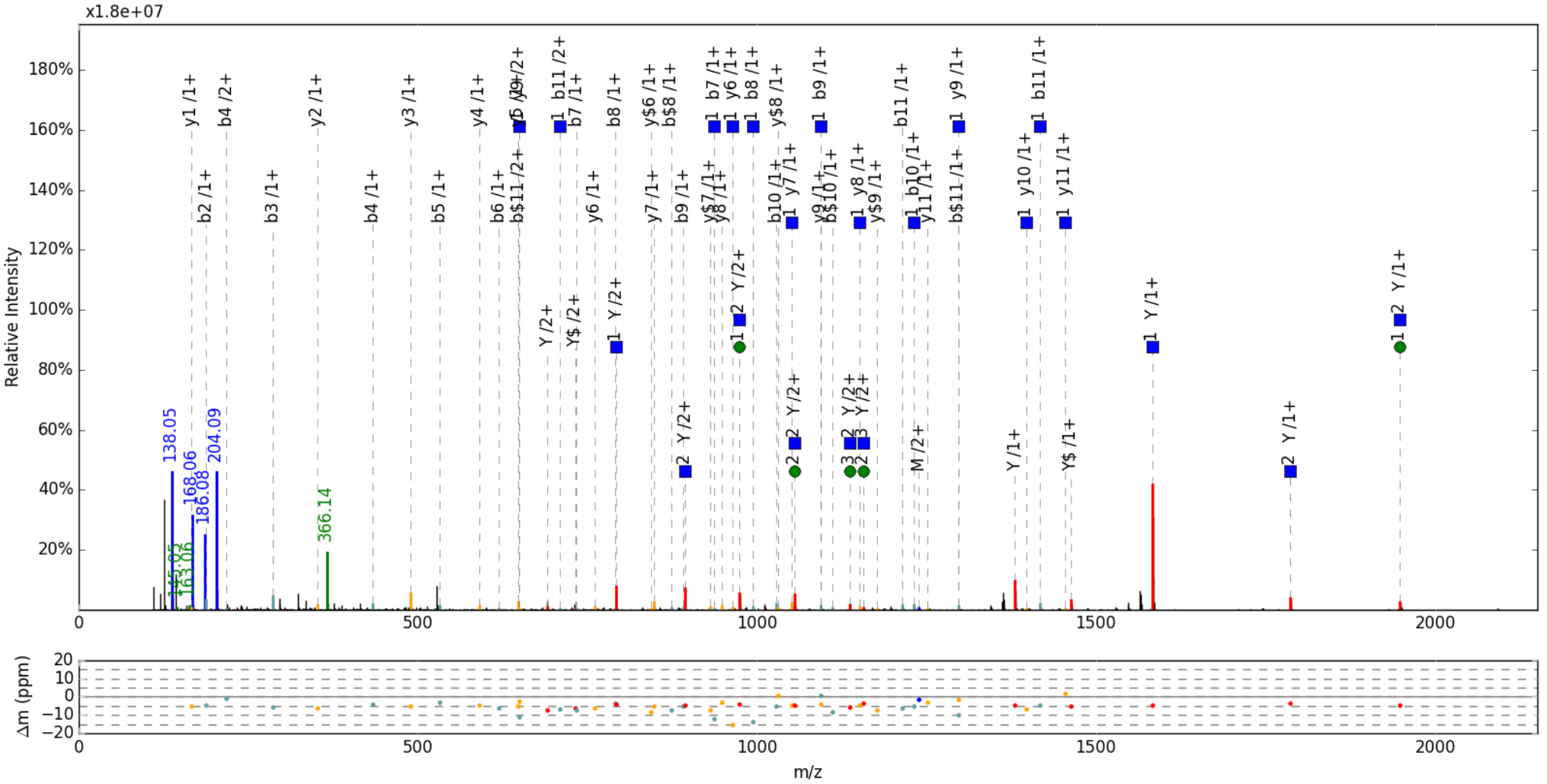

EGVFVSNGTHW


x4.4e+07
Relative Intensity
320%
300%
280%
260%
240%
220%
200%
180%
160%
140%
120%
100%
80%
60%
40%
20%
0
500
1000
1500
2000
b2 /1+
y2 /1+
b3 /1+
y3 /1+
b4 /1+
y4 /1+
b5 /1+
y7 /2+
y8 /2+
y5 /1+
y6 /1+
b7 /1+
y$5 /1+
y$6 /1+
y$7 /1+
y6 /1+
y8 /1+
b8 /1+
y7 /1+
y$8 /1+
b10 /1+
y$10 /1+
y10 /1+
Y$ /1+
Y /2+
Y$ /2+
M /2+
Y /1+
138.05
204.09
168.06
186.08
163.06
145.05
350.14
366.14
Δm (ppm)
20
10
0
−10
−20
m/z

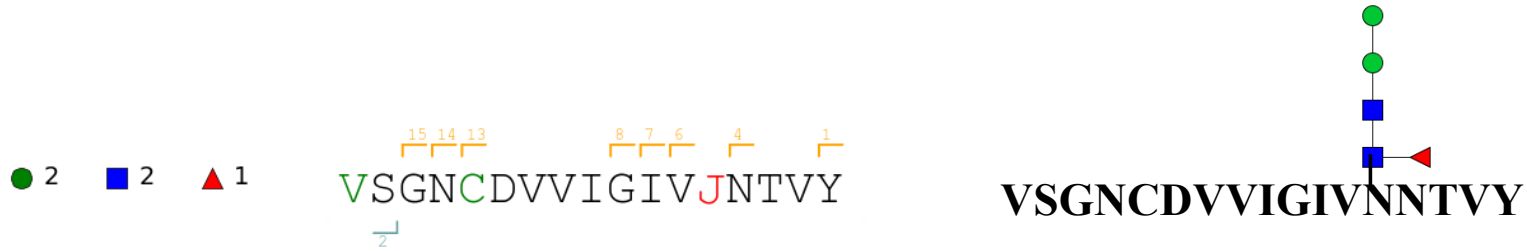
N1098

3
3
11 10 9 8 7 6 5 4 3 2 1
EGVFVSJGTHWF
2 3 4 5 6 7 8 9 10 11

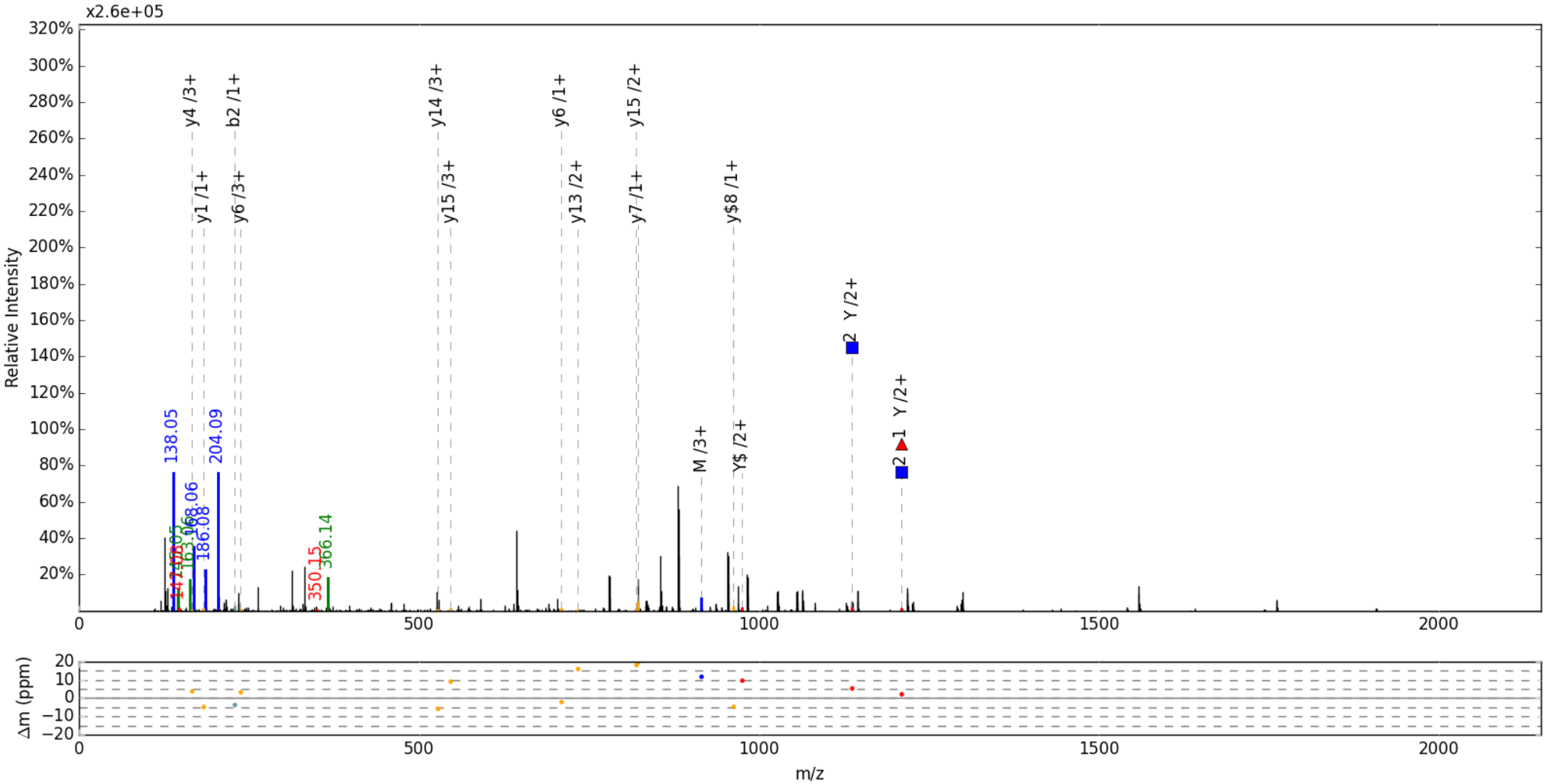

EGVFVSNGTHWF


x1.8e+07
Relative Intensity
m/z
Δm (ppm)
138.05
204.09
168.06
186.08
366.14
y1 /1+
b2 /1+
b4 /2+
y2 /1+
b3 /1+
y3 /1+
b4 /1+
y4 /1+
b5 /1+
b6 /1+
b$11-/2+
b11 /2+
b7 /1+
b8 /1+
y6 /1+
Y /2+
Y$ /2+
Y /2+
y$6 /1+
b$8 /1+
y7-/1+
b9 /1+
b7 /1+
y6 /1+
b8 /1+
y$8 /1+
y$7 /1+
y8 /1+
b10 /1+
y7 /1+
Y /2+
Y /2+
b9 /1+
y$10 /1+
b$10 /1+
y8 /1+
y$9 /1+
b11 /1+
b10 /1+
y11 /1+
M /2+
b$11-/1+
y9 /1+
Y /1+
y10 /1+
b11 /1+
y11 /1+
Y$ /1+
Y /1+
Y /1+

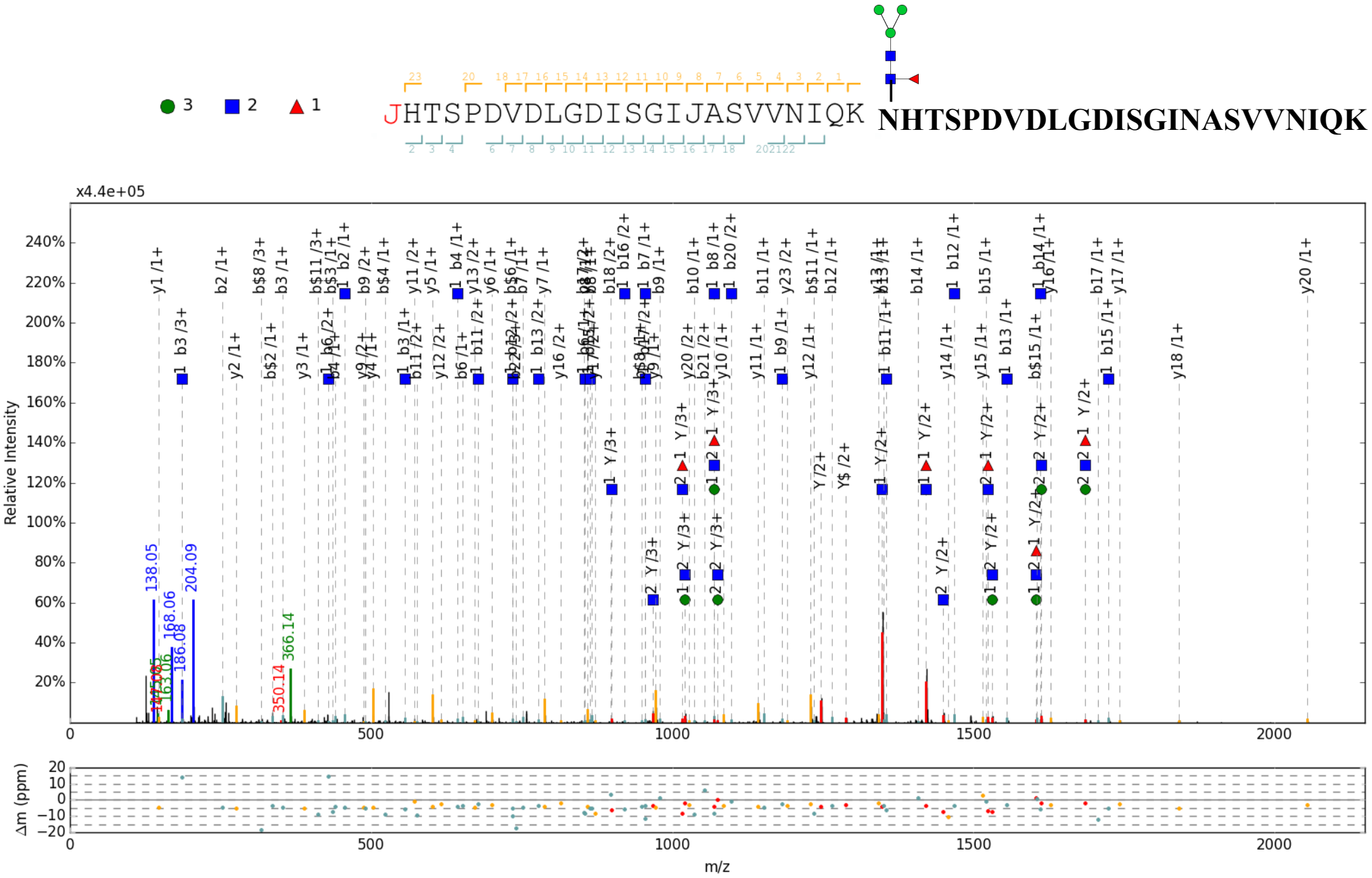
N1134



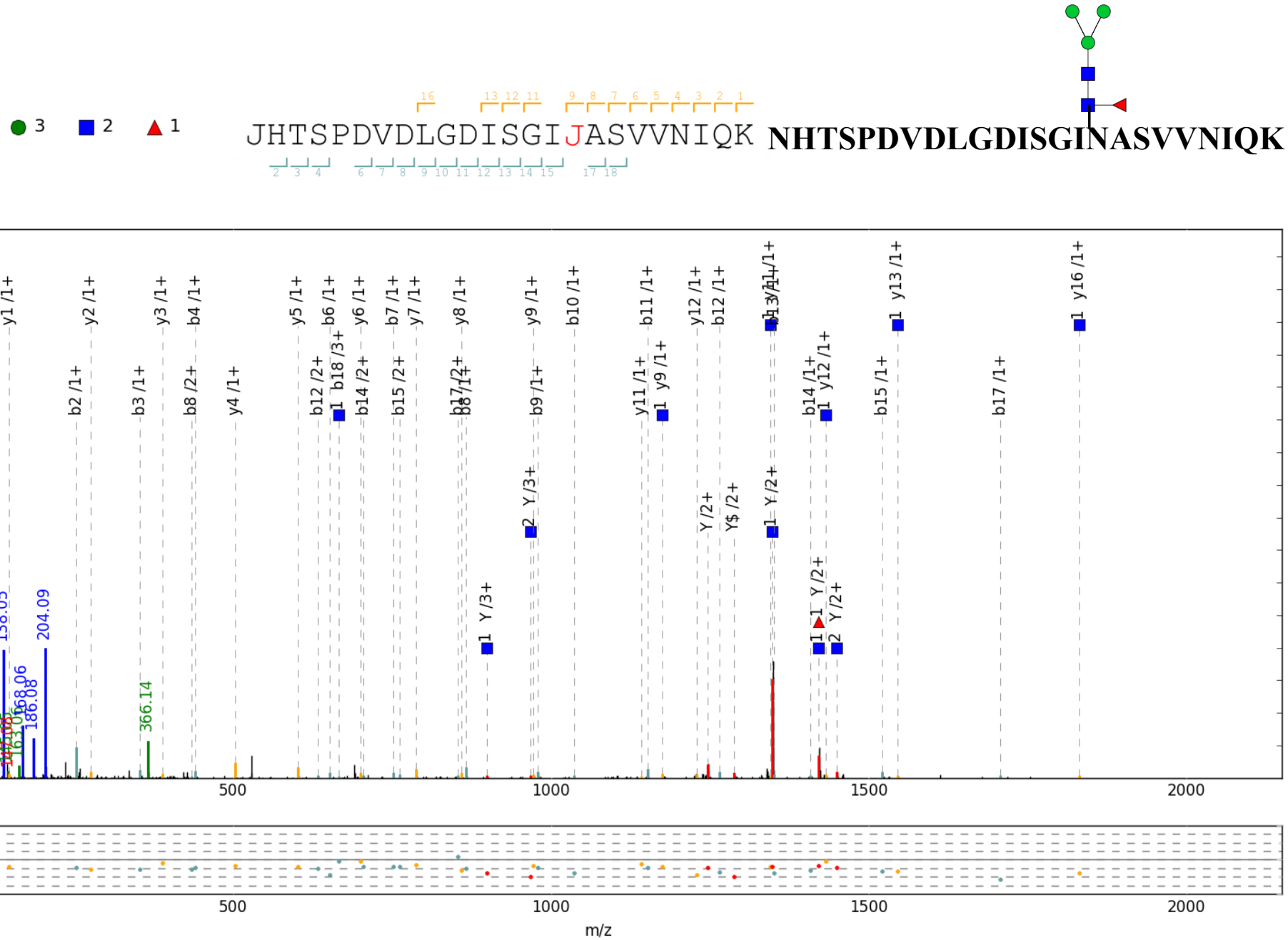
VSGNCDVVIGIVNNTVY



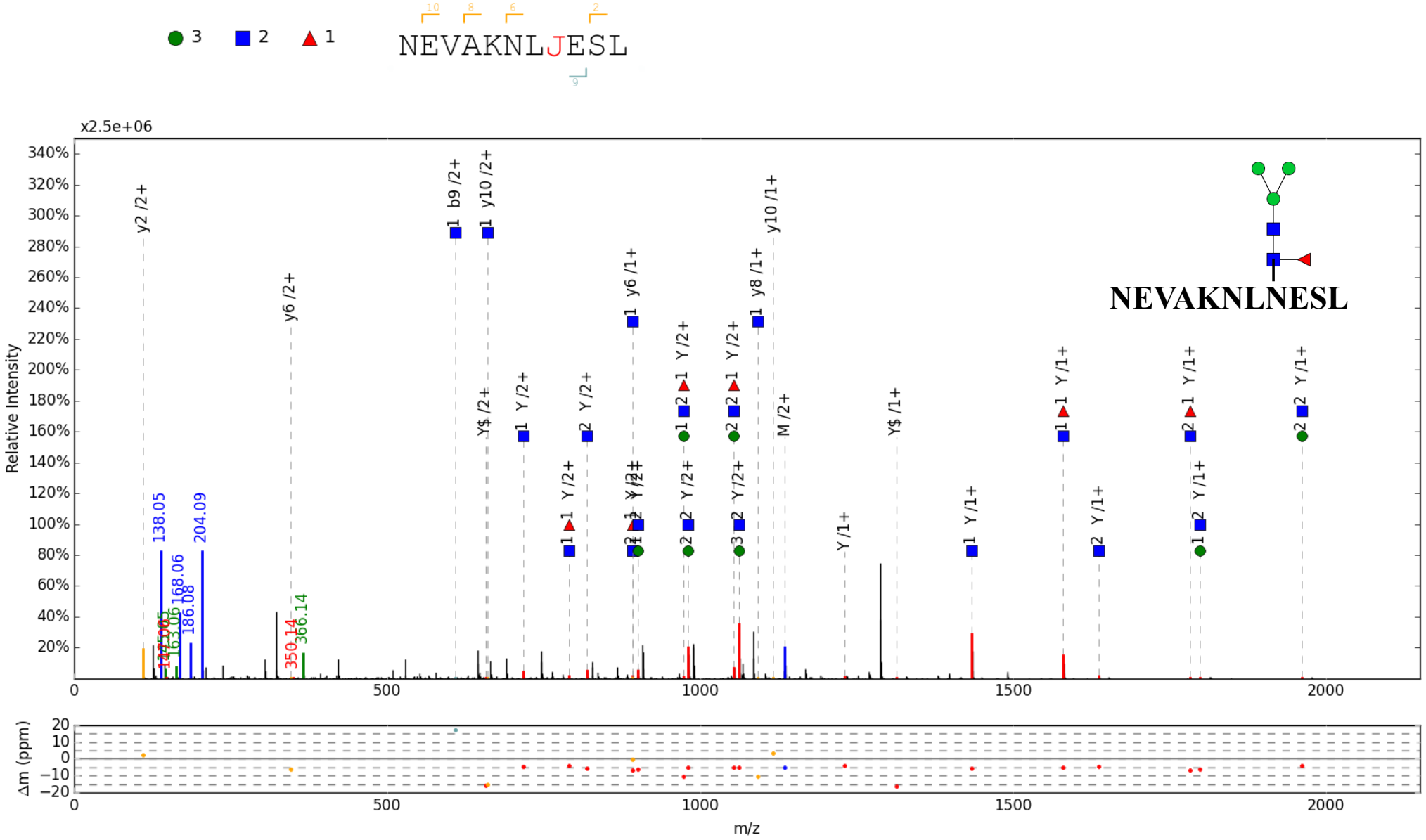
N1158


3
2
1
JHTSPDVDLGDISGIJASVVNIQK
NHTSPDVDLGDISGINASVVNIQK
x4.4e+05
Relative Intensity
Δm (ppm)
m/z

N1173


3
2
1
JHTSPDVDLGDISGIJASVVNIQK
NHTSPDVDLGDISGINASVVNIQK
x2.2e+05
Relative Intensity
m/z
Δm (ppm)

N1194


3
2
1
NEVAKNLJESL
NEVAKNLNESL
x2.5e+06
Relative Intensity
m/z
Δm (ppm)