

Identified O-GlcNAc sites in c-term of SETD5

S893

S1118

S1135

S1138

S1152

S1171

S1222

T1249

S1251, S1253

S1258

S1365

S1380

S1381, S1384

S1388

S1390

S1406, S1409

S1409

S1433

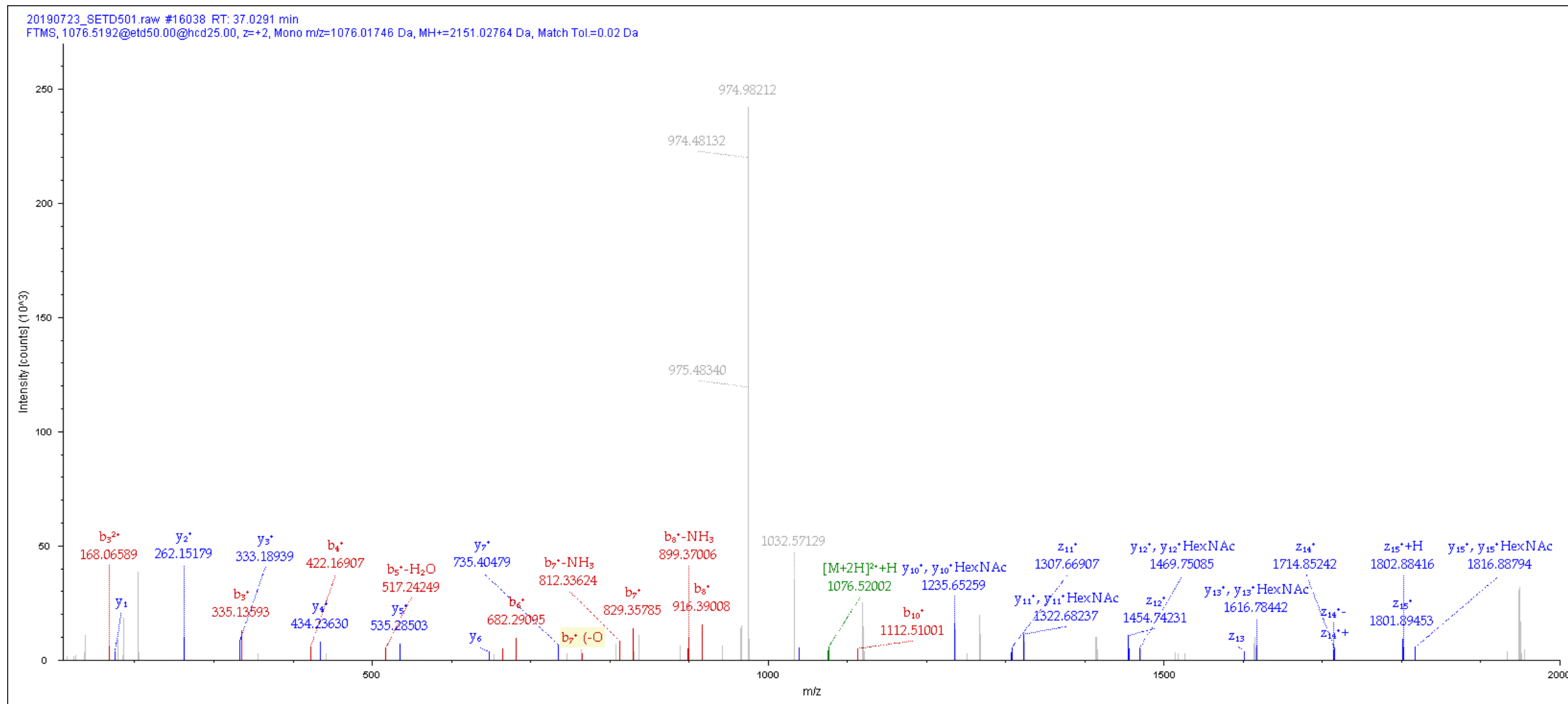
S1437

$$[M+2H+HexNAc]^{+2} = 1076.5192$$

NGYSLM (ox) FSPVT**SLTTASR**

red = O-GlcNAc

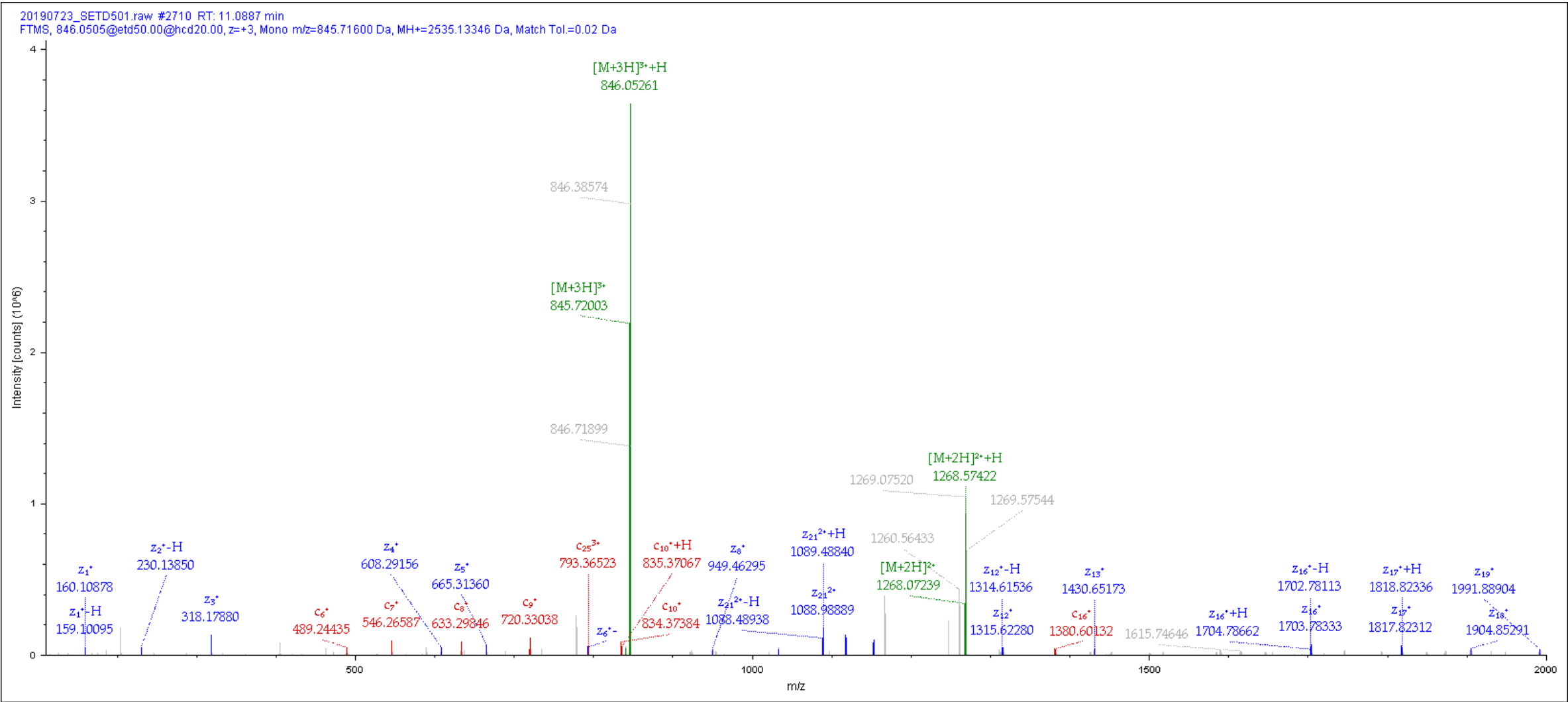
ox = Oxidation



$[M+3H+HexNAc]^{+3} = 846.0505$

SAGAGQGSSNSVSDTGAHGVQGSAR

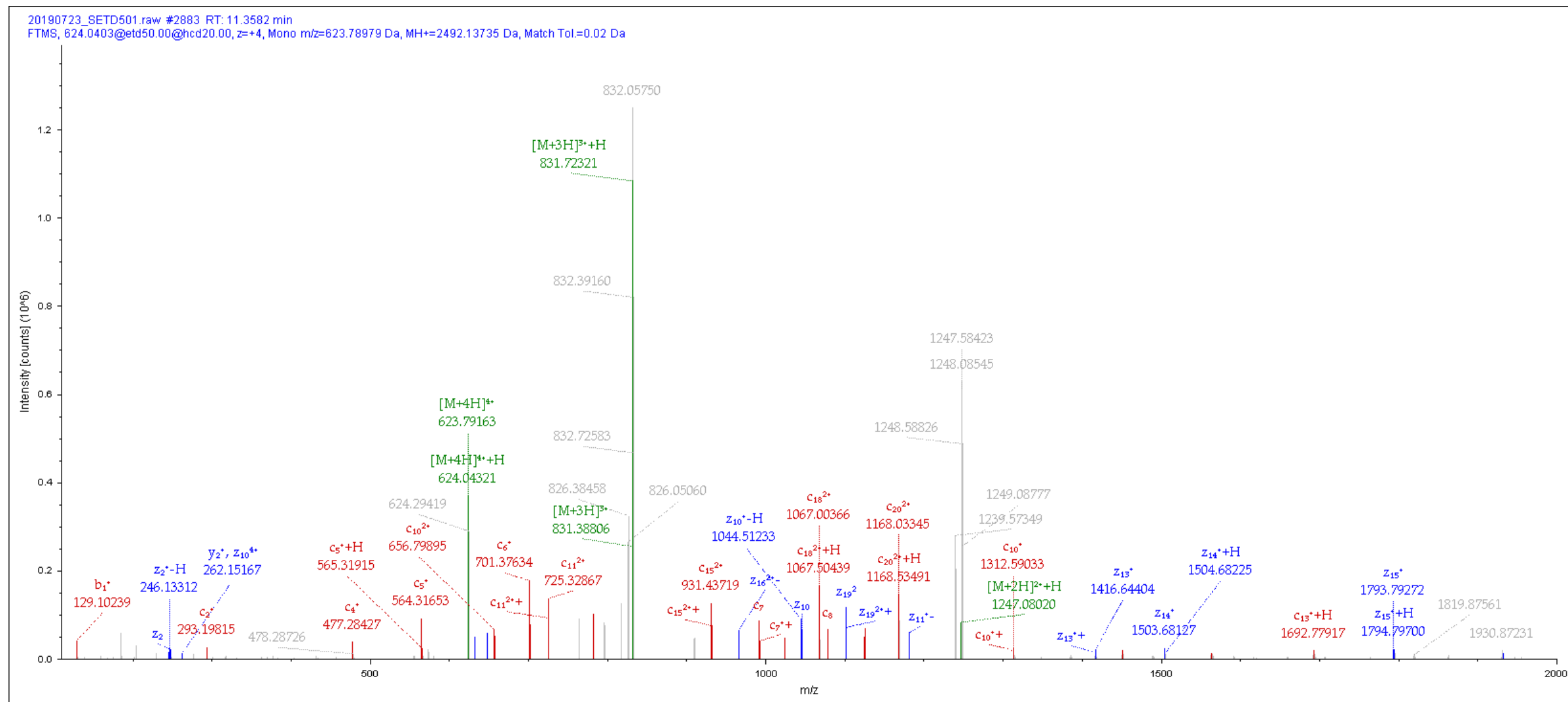
red = O-GlcNAc



KFSPSHSM (ox) SHLEAVSPSDSR

red = O-GlcNAc

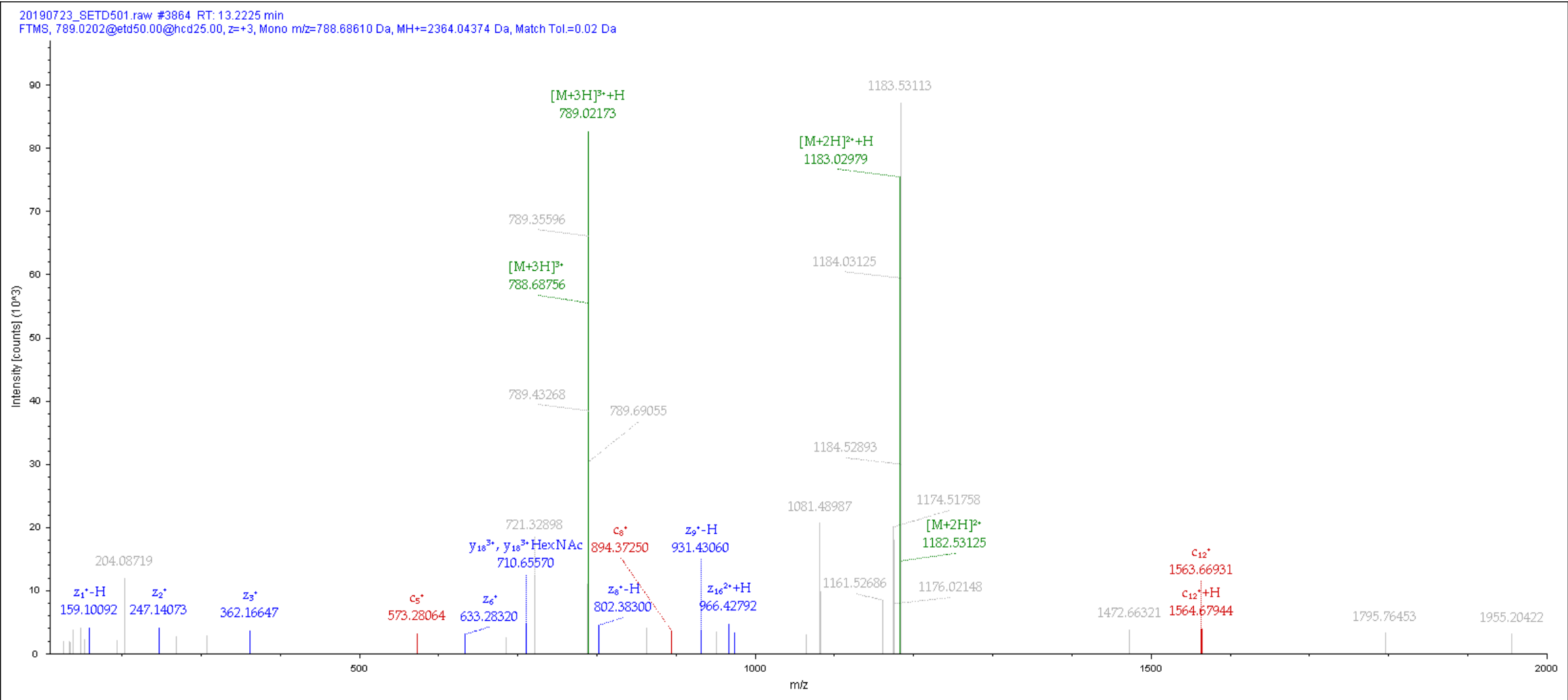
ox = Oxidation



$[M+3H+HexNAc]^{+3} = 789.0202$

KFSPSHSSM (ox) SHLEAVSPSDSR

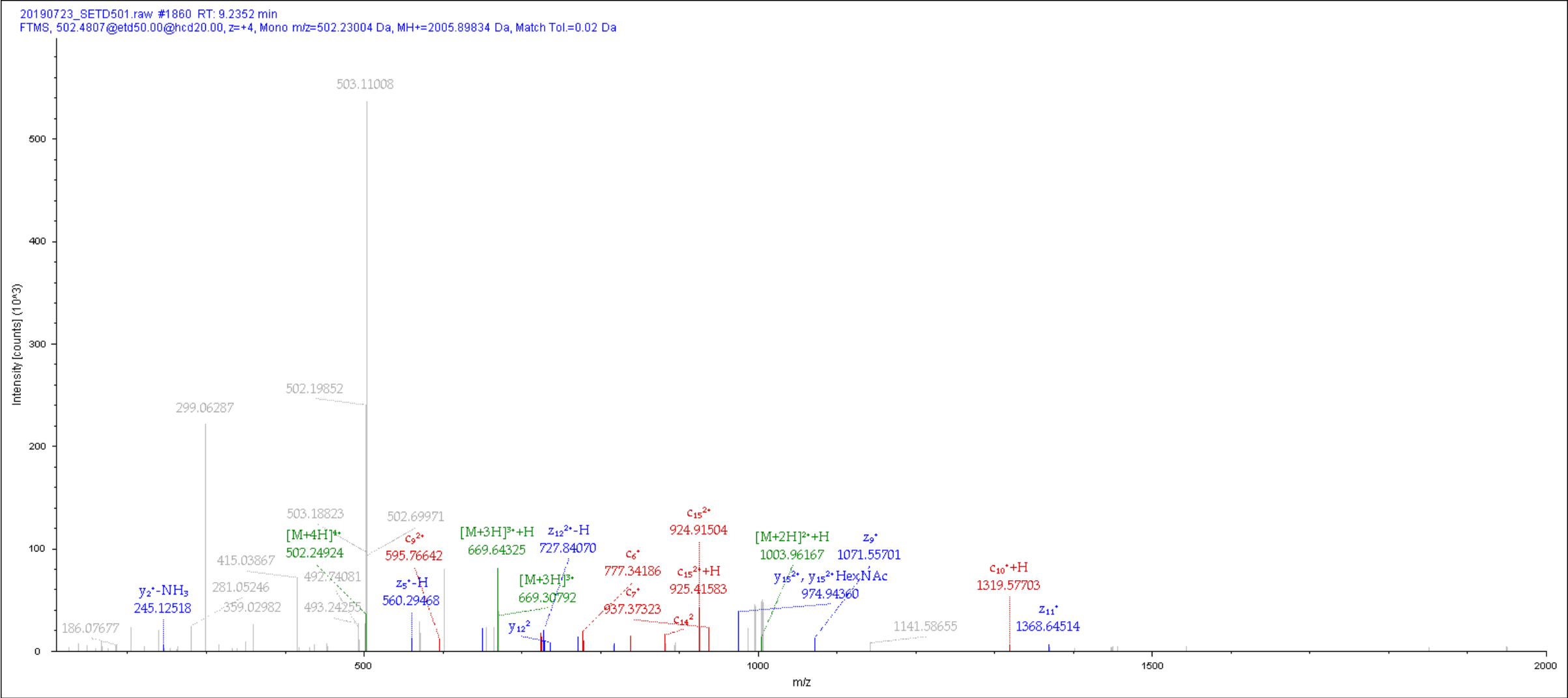
red = O-GlcNAc
ox = Oxidation



$[M+4H+HexNAc]^{+4} = 502.4807$

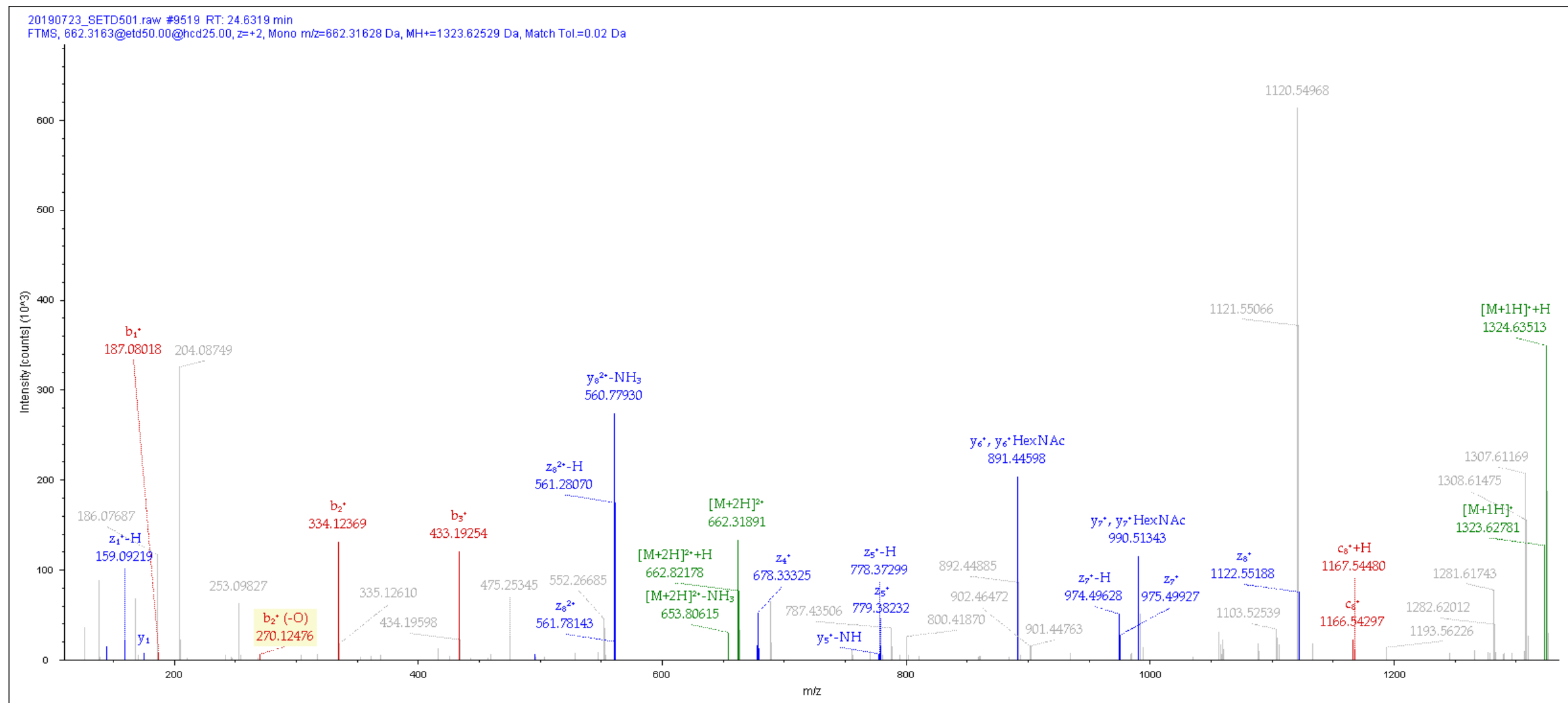
GTSSHHC (carba) RPQENISSR

red = O-GlcNAc
carba = Carbamidomethyl



WM(oxi) VPT^SVER

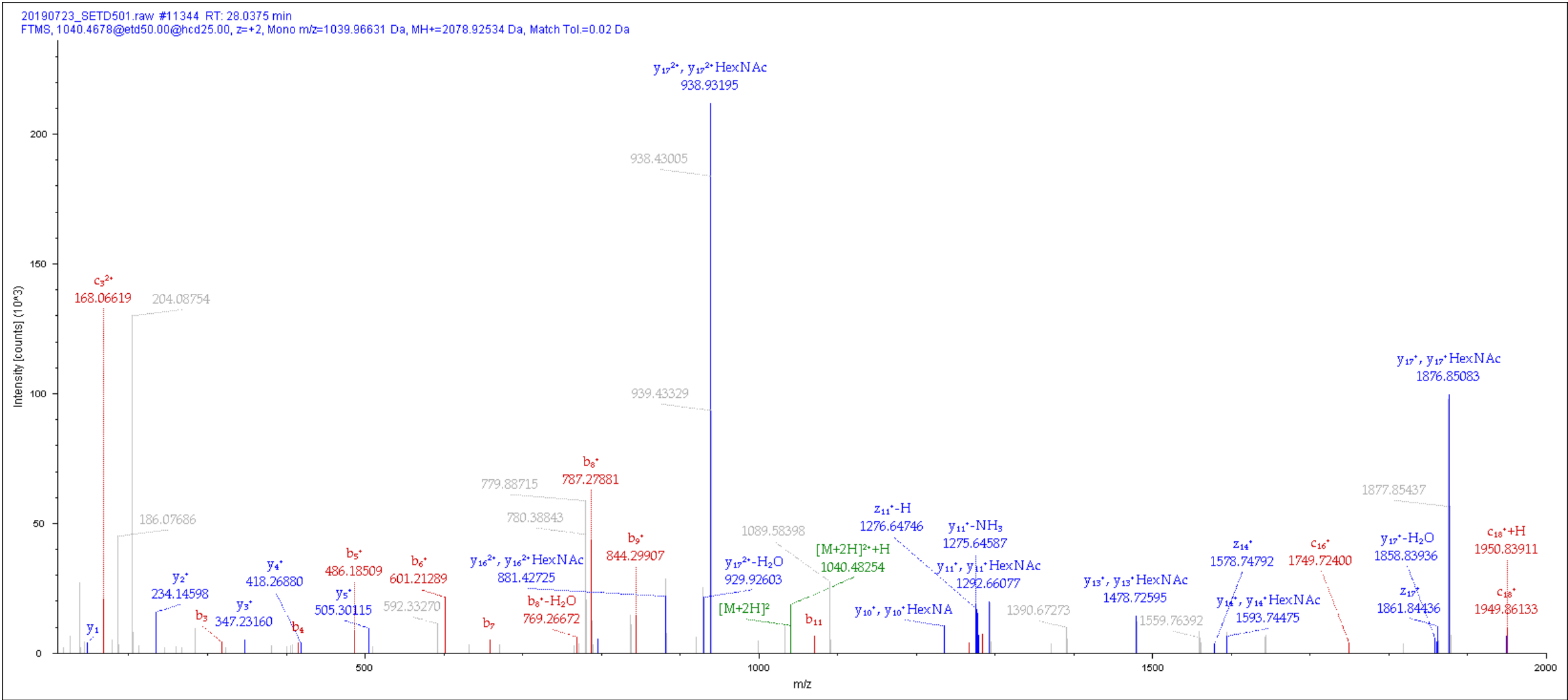
red = O-GlcNAc



$[M+2H+HexNAc]^{+2} = 1040.4678$

DSDPADGEGPETLSSALSK

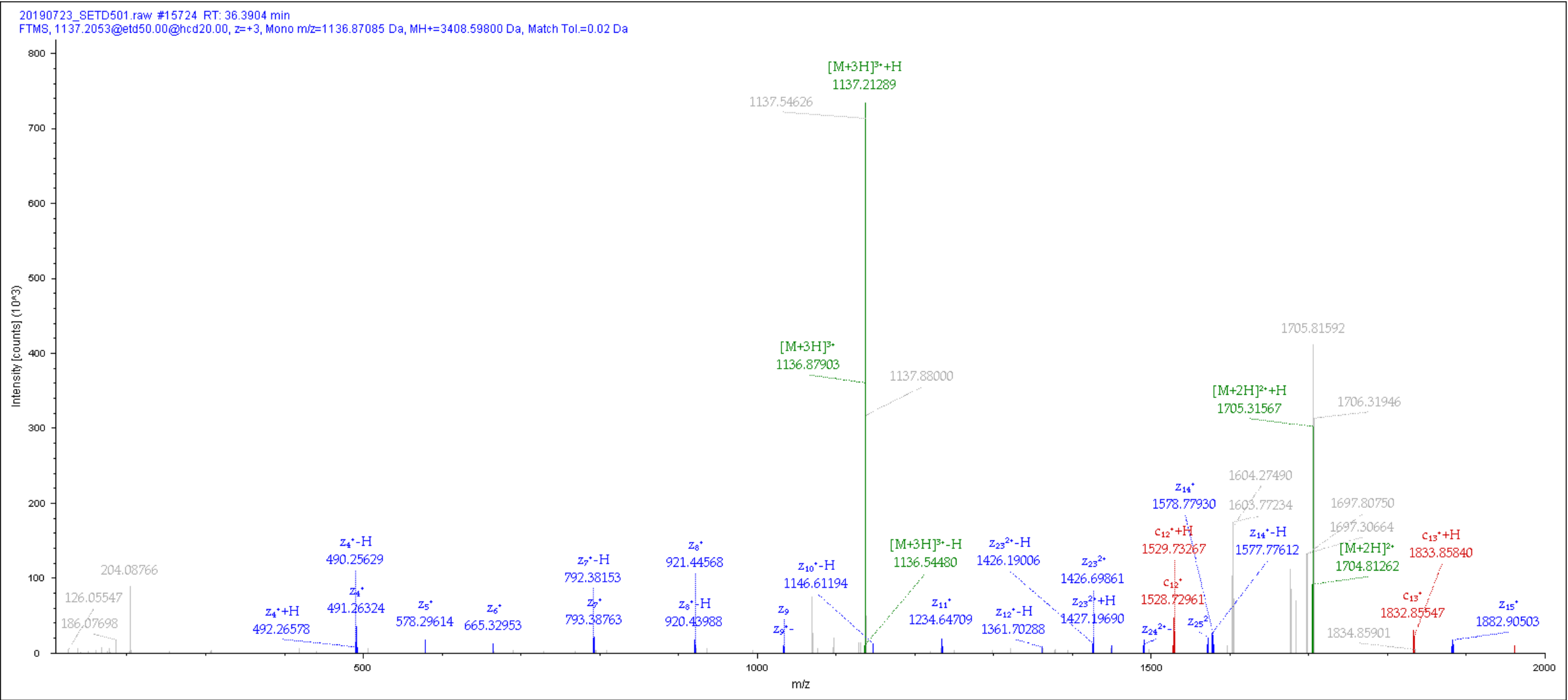
red = O-GlcNAc



$[M+3H+HexNAc]^{+3} = 1137.2053$

YSYQLLQC (carba) DSPR**T**ESQSL**L**LQSSSPFR

red = O-GlcNAc
carba = Carbamidomethyl



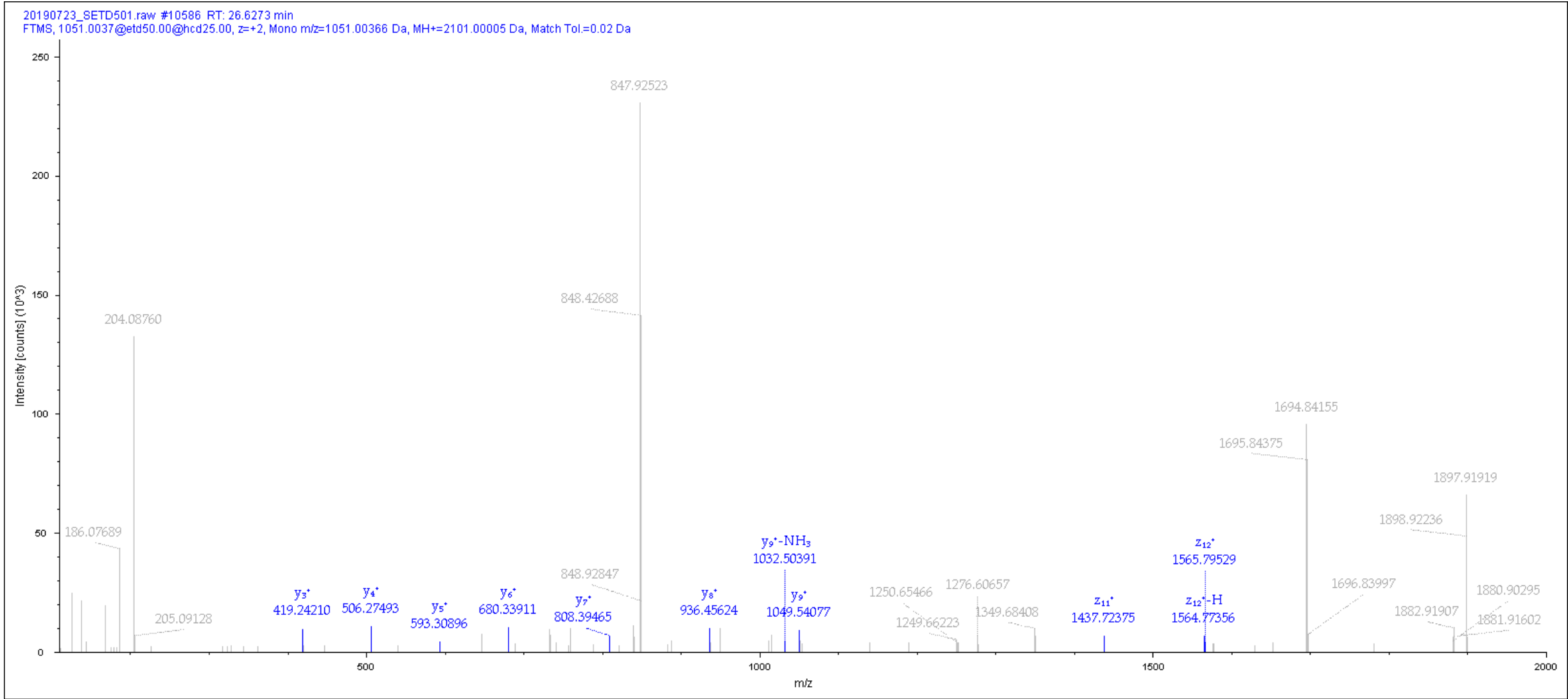
S1251, S1253

EThcD #10586

[M+2H+HexNAc]⁺2= 1051.0037

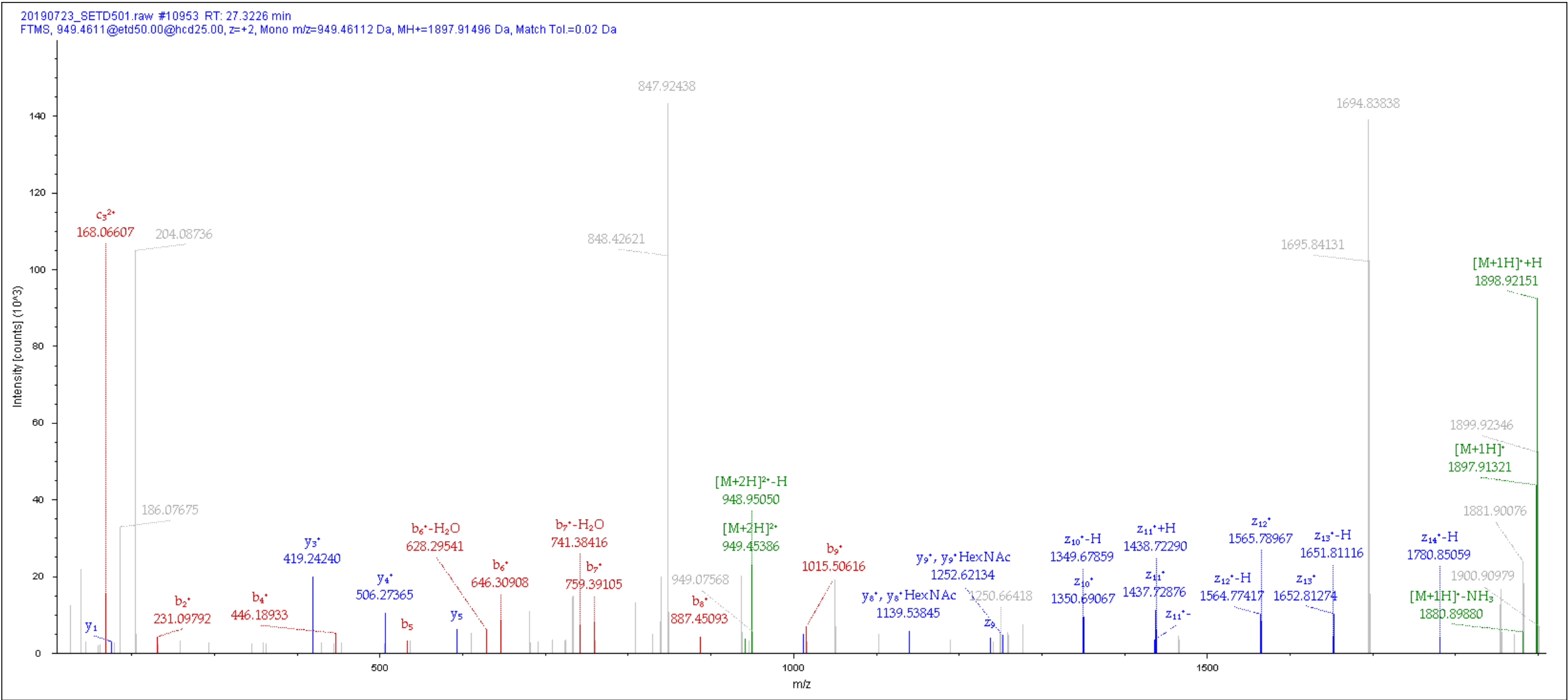
TE**SQ**LLQQSSSPFR

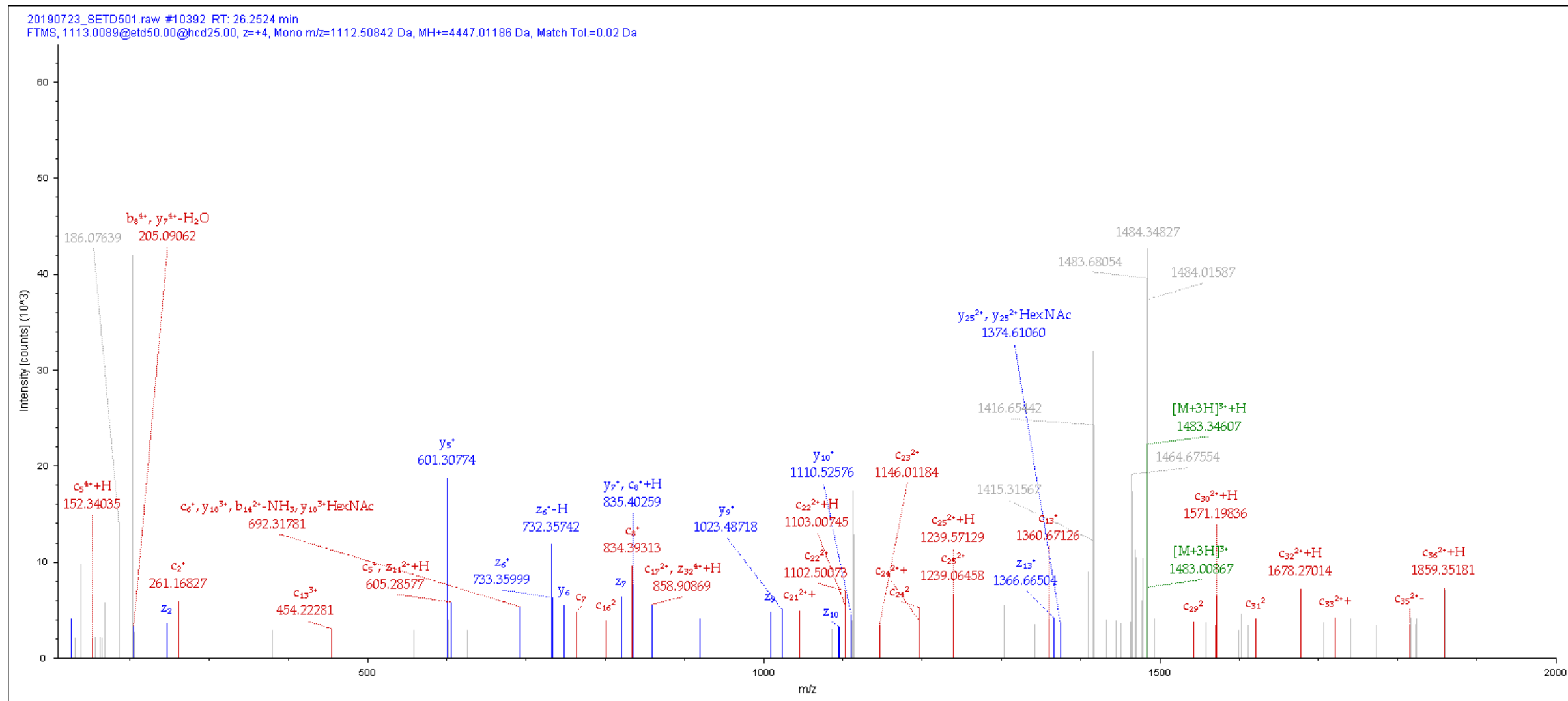
red = O-GlcNAc



TESQSLLQQSSSPFR

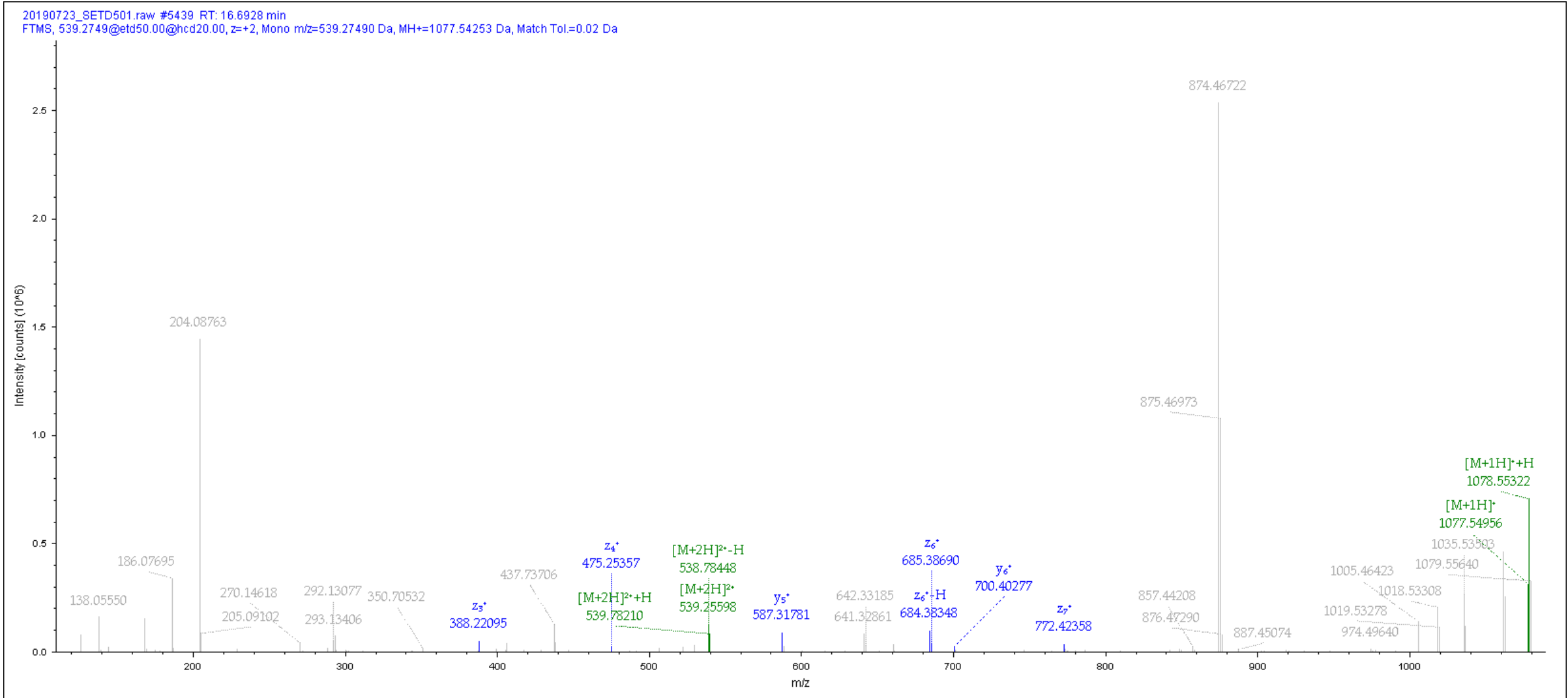
red = O-GlcNAc



$[M+4H+HexNAc]^{+4} = 1113.0089$ **RSC (carba) PSSAASPTLQGPSPTS~~DS~~VSQS~~ST~~GTLSSTSFPQNSR**red = O-GlcNAc
carba = Carbamidomethyl

SSLPSDLR

red = O-GlcNAc



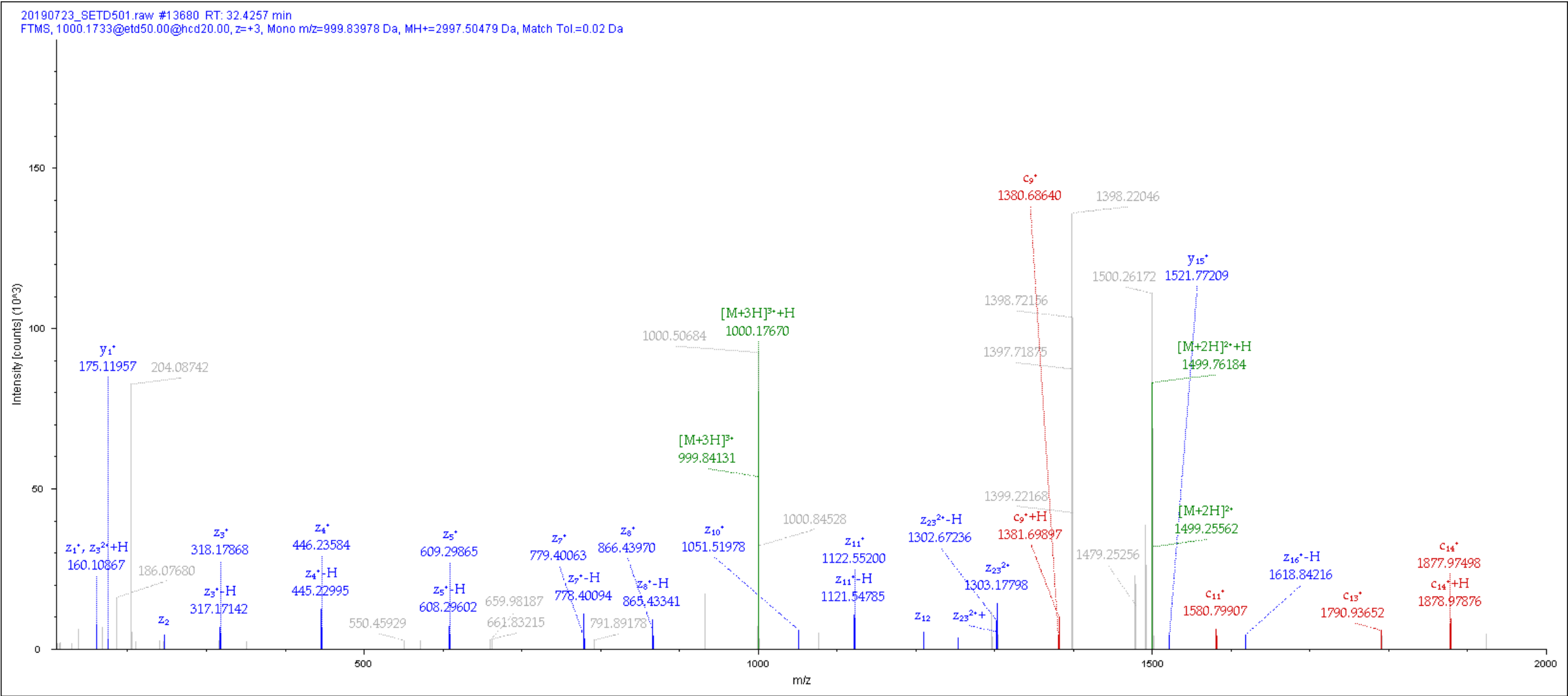
S1381, S1384

ETHcD #13680

$[M+3H+HexNAc]^{+3} = 1000.1733$

SSLPSDLRTISLPSAGQSAVYQASR

red = O-GlcNAc

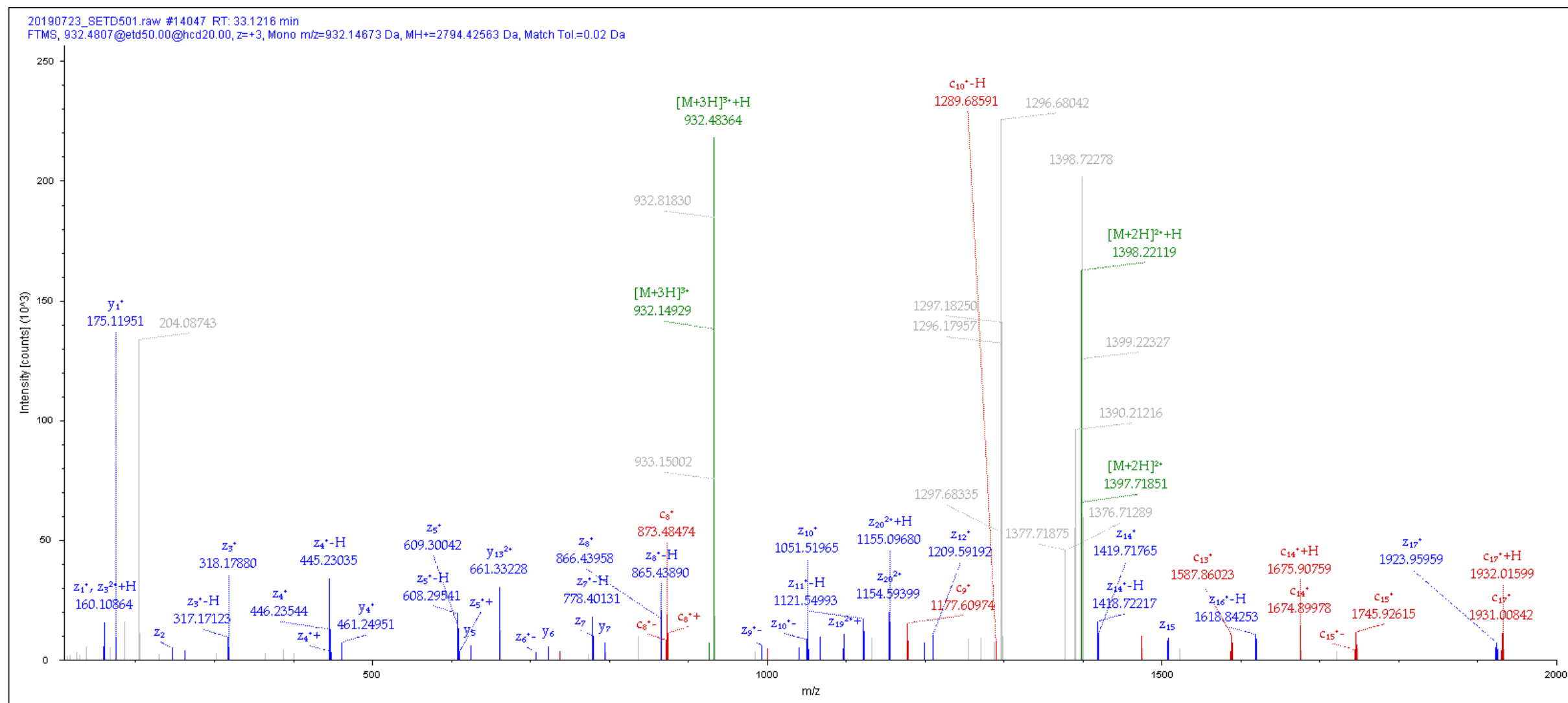


S1388

EThcD #14047

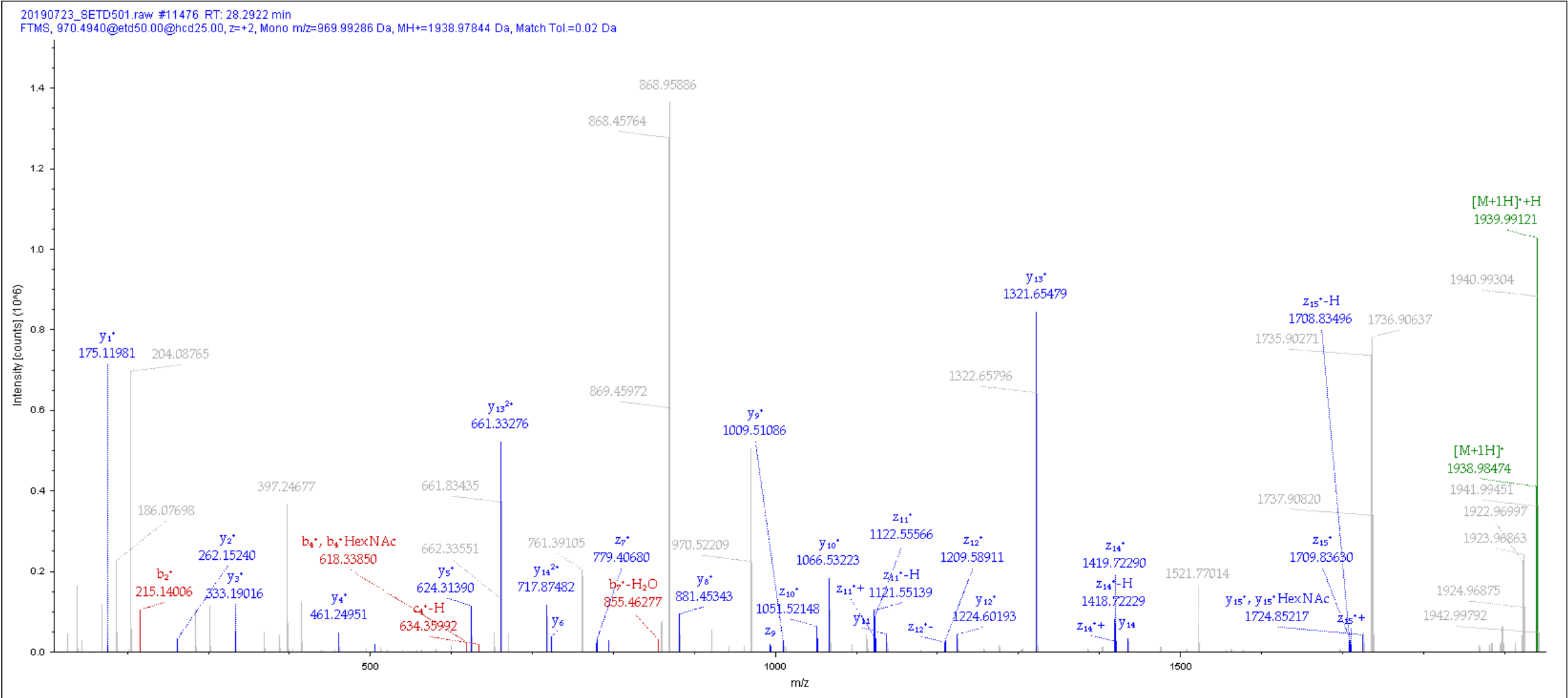
 $[M+3H+HexNAc]^{+3} = 932.4807$ **SSLPSDLR**T**ISLPSAGQSAVYQASR**

red = O-GlcNAc



TI**SL**PSAGQSA**VYQ**ASR

red = O-GlcNAc



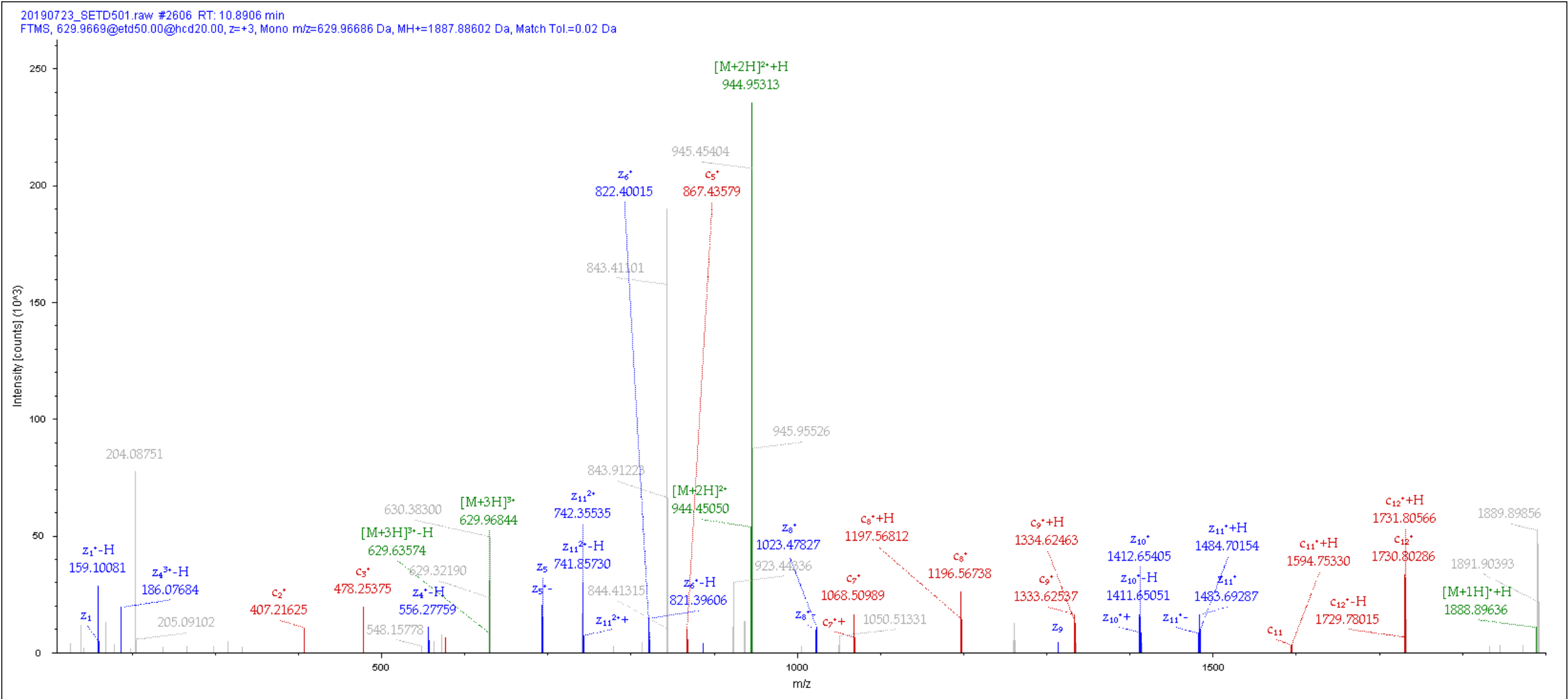
S1406, S1409

EThcD #2606

[M+3H+HexNAc]⁺³= 629.9669

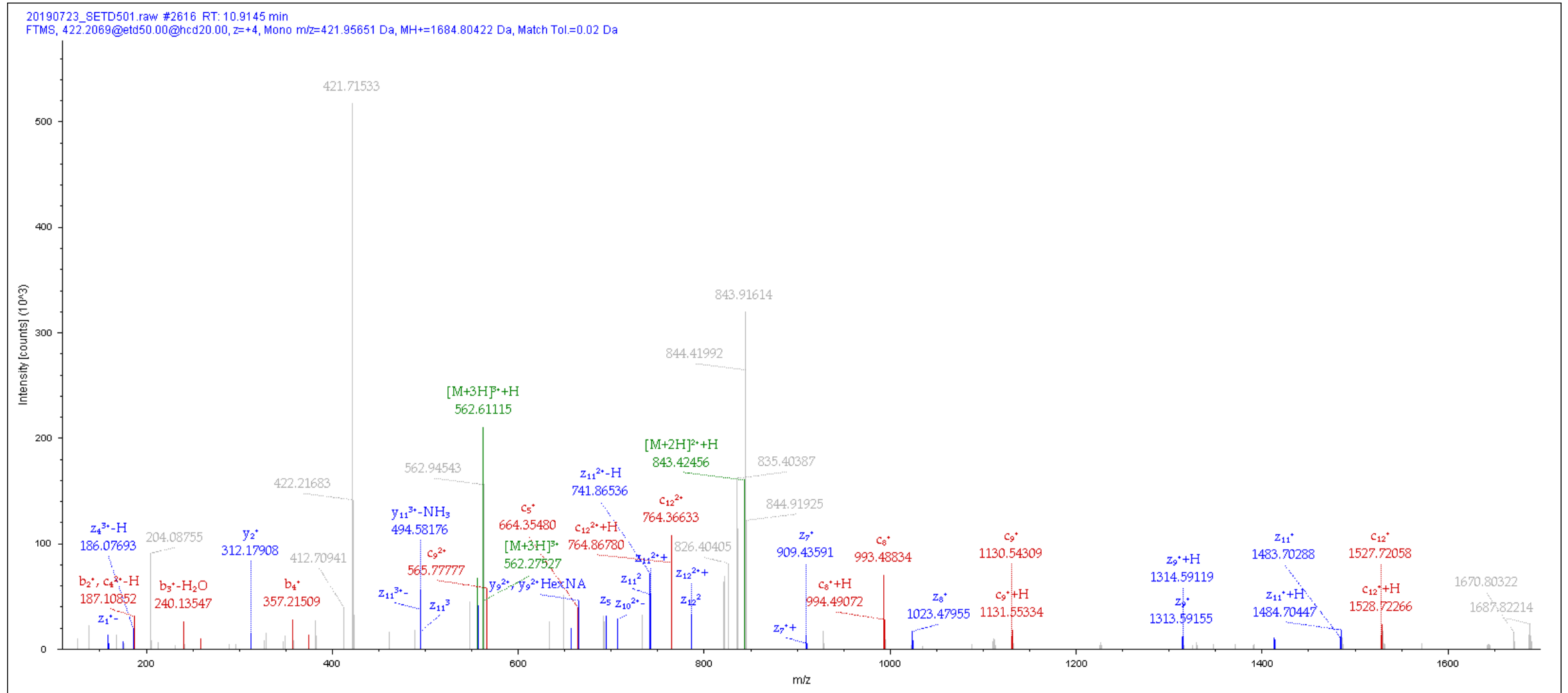
VSAVNSQHYPHR

red = O-GlcNAc



VSAV**S**NSQHYPHR

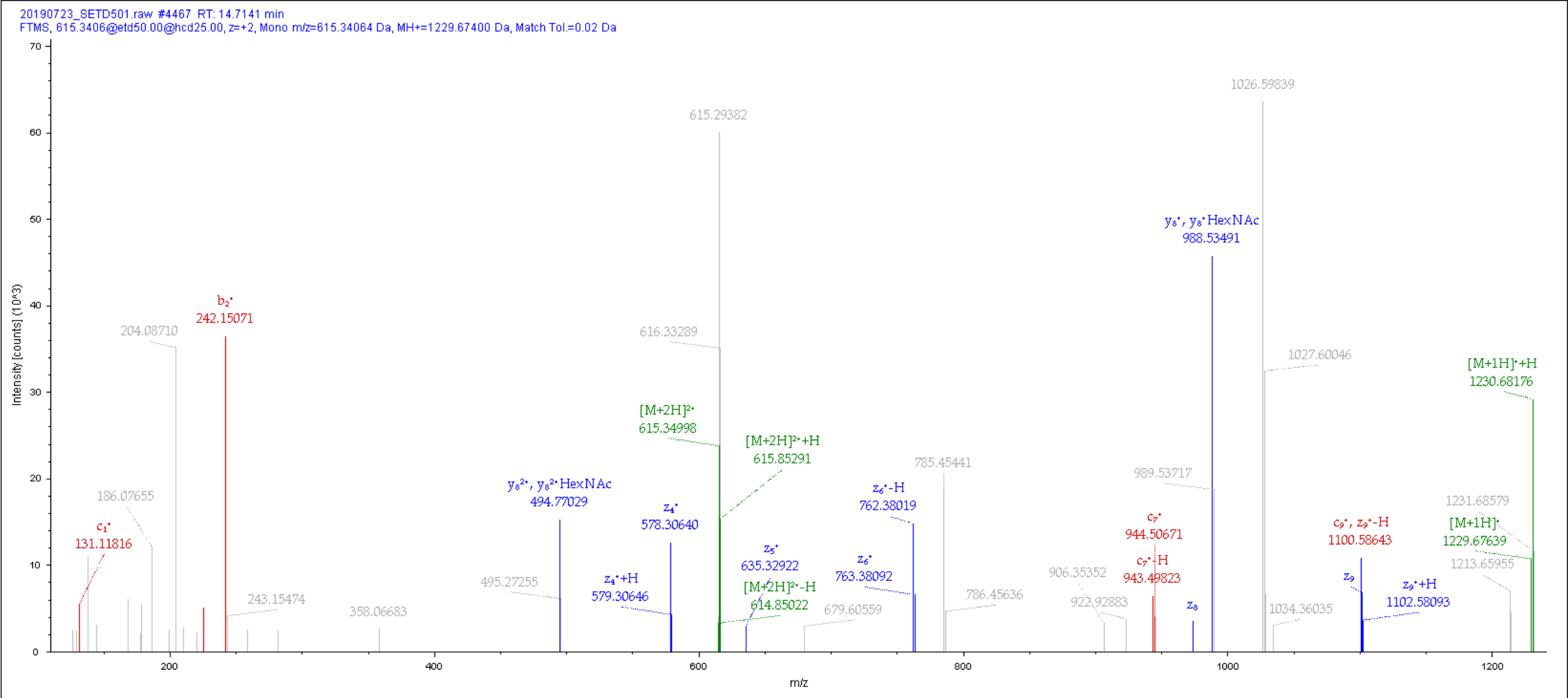
red = O-GlcNAc



$[M+2H+HexNAc]^{+2} = 615.3406$

LQPLQGS**SG**VK

red = O-GlcNAc



S1437

EThcD #8502

 $[M+2H+HexNAc]^{+2} = 909.4884$ LQPLQGS~~G~~VK**T**QTGLS

red = O-GlcNAc

