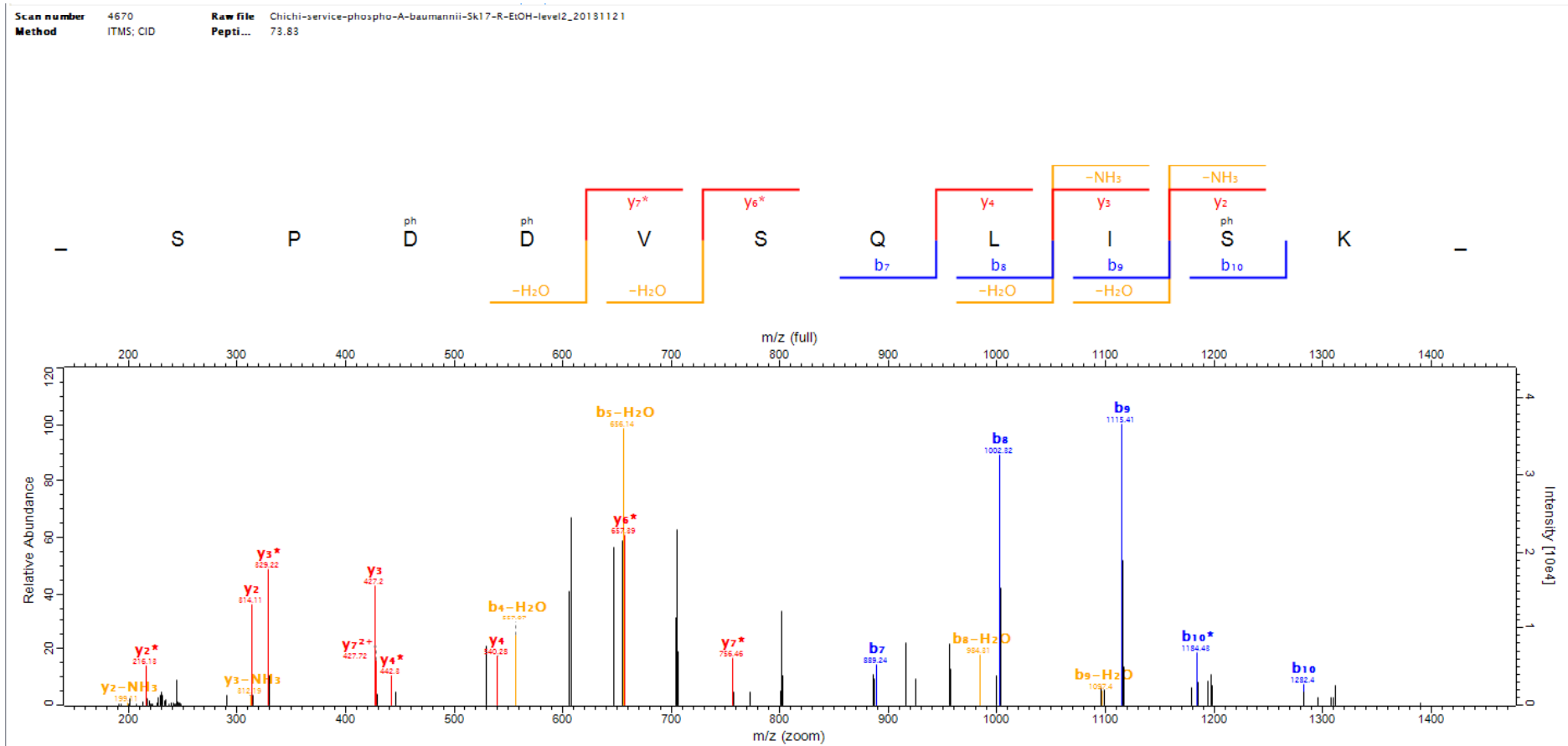
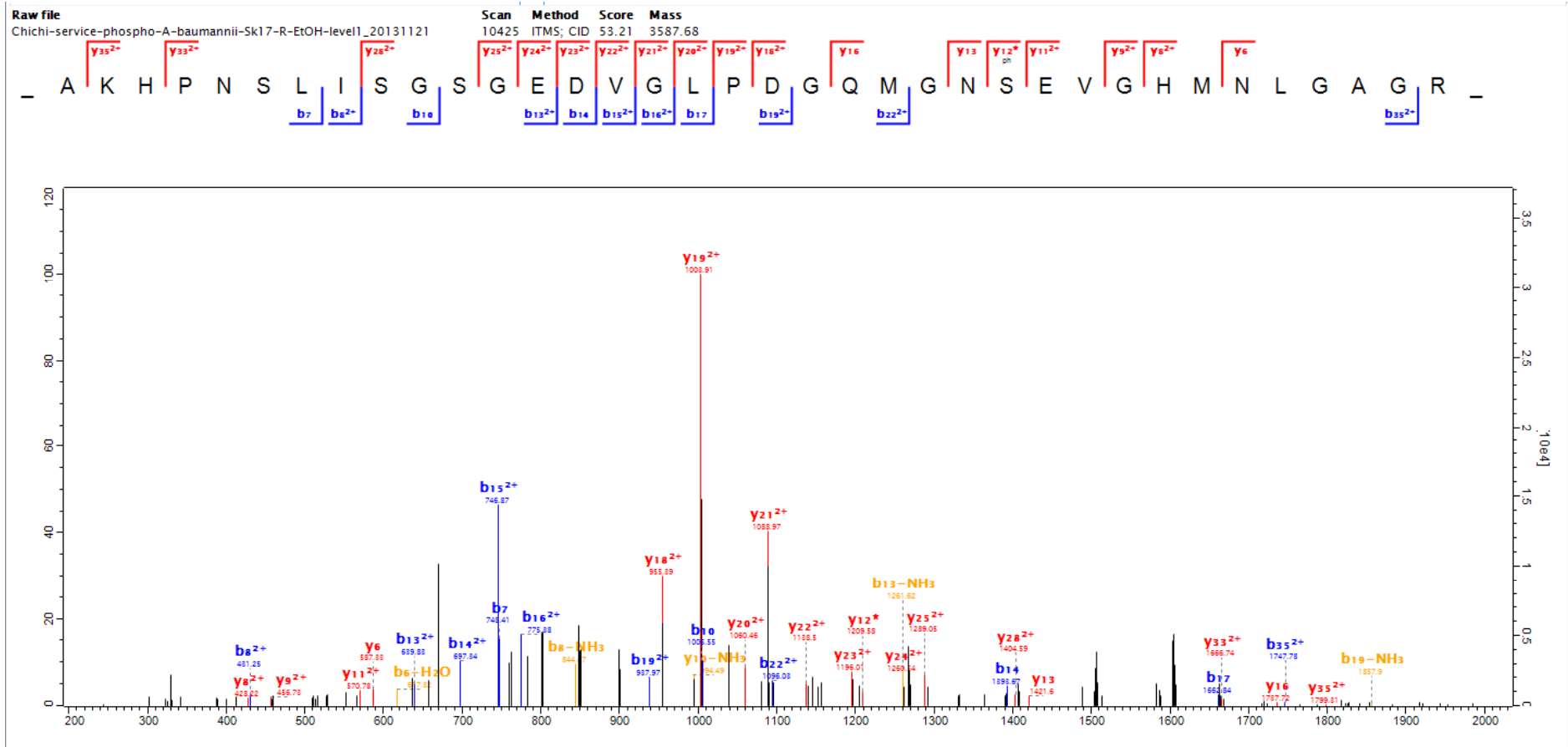
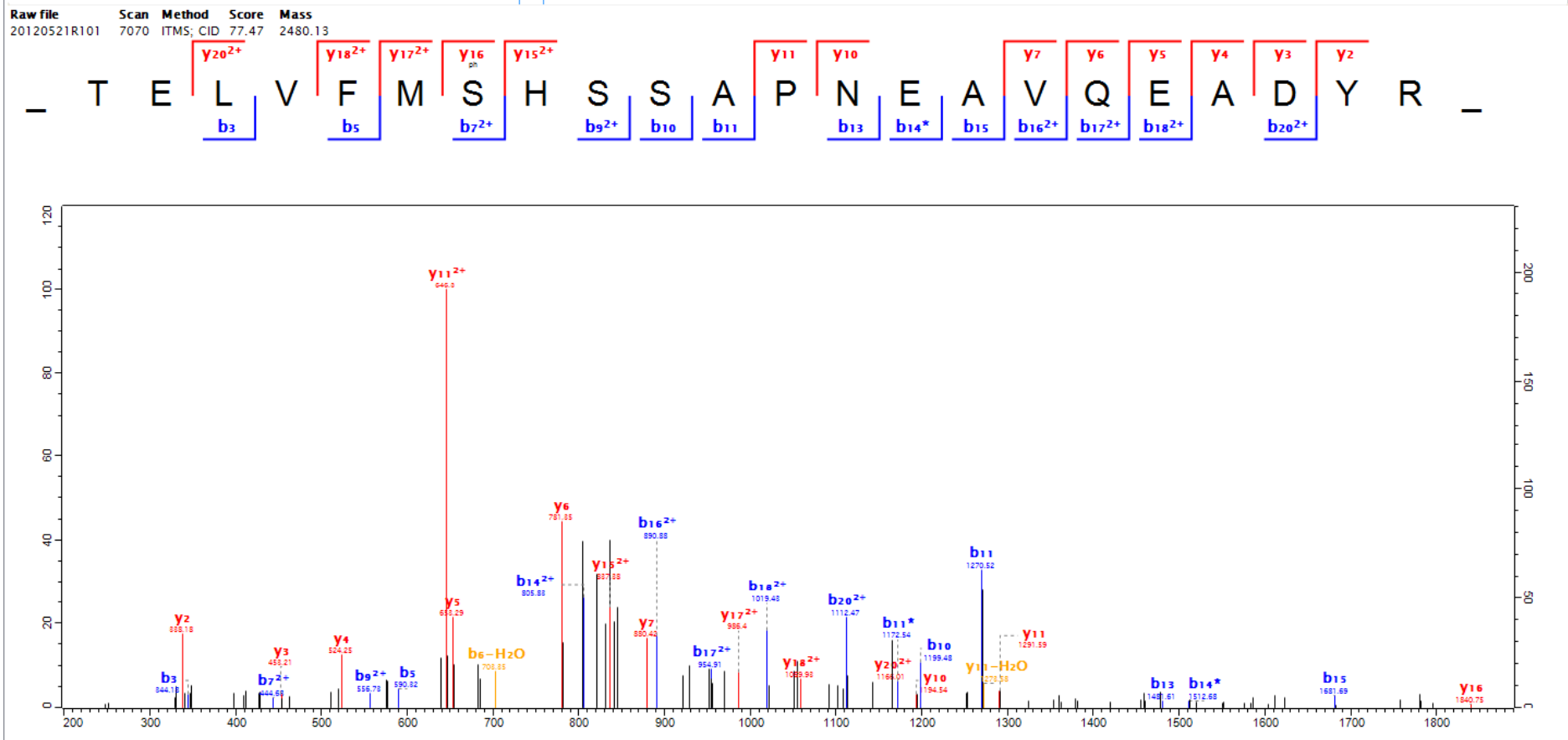


Supplemental Figure S2. MS/MS spectra of all identified phosphopeptides and phosphosites from *A. baumannii* strain SK17-R. Annotated MS/MS spectra of all detected phosphopeptides were obtained and then exported after the database search. Data extraction and processing were done using MaxQuant. The y-ions are shown in red and the b-ions in blue. Losses of the neutral chemical groups, H₂O, or NH₃, from fragment ions are shown in orange. Residues marked with “ph” are those favored for phosphorylation.

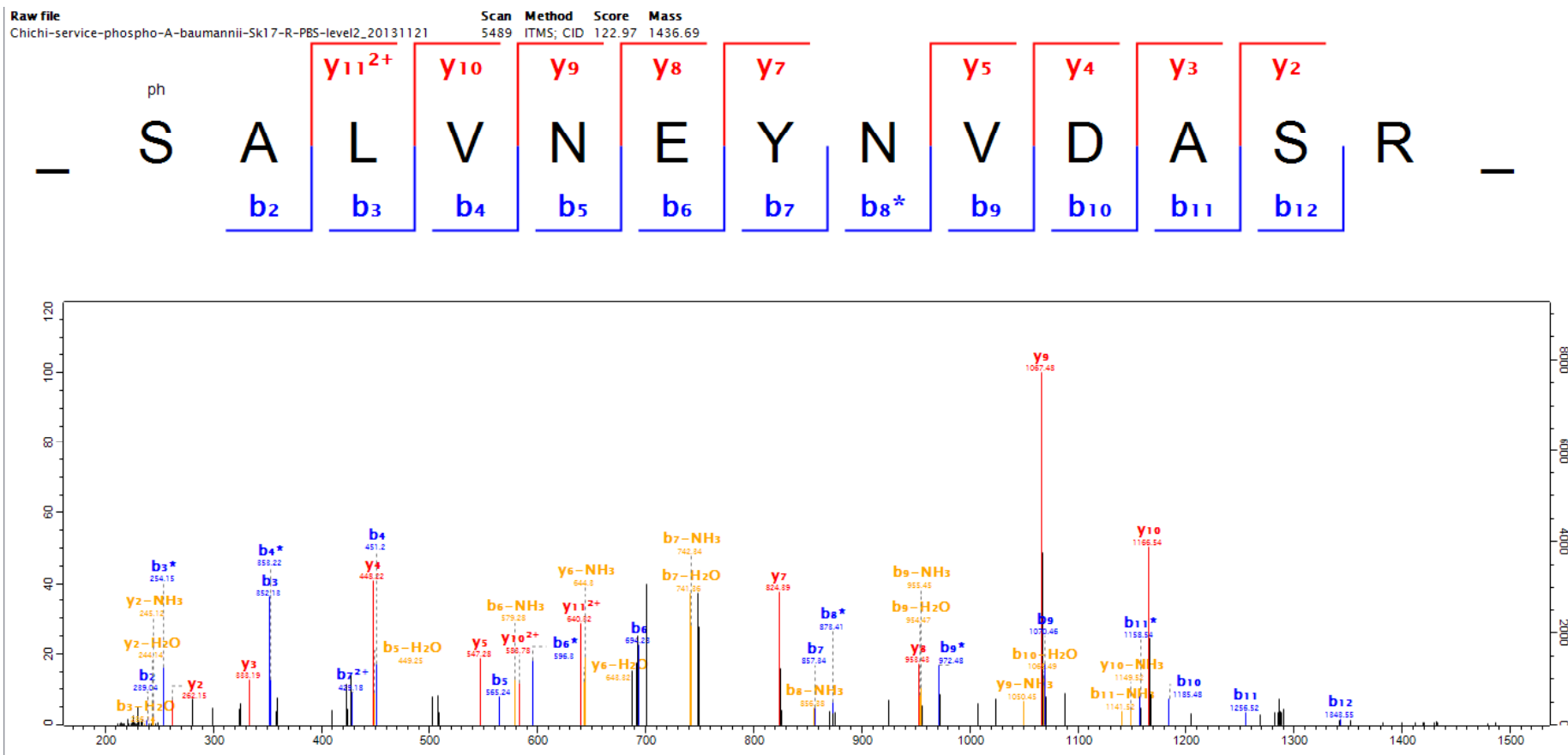
1



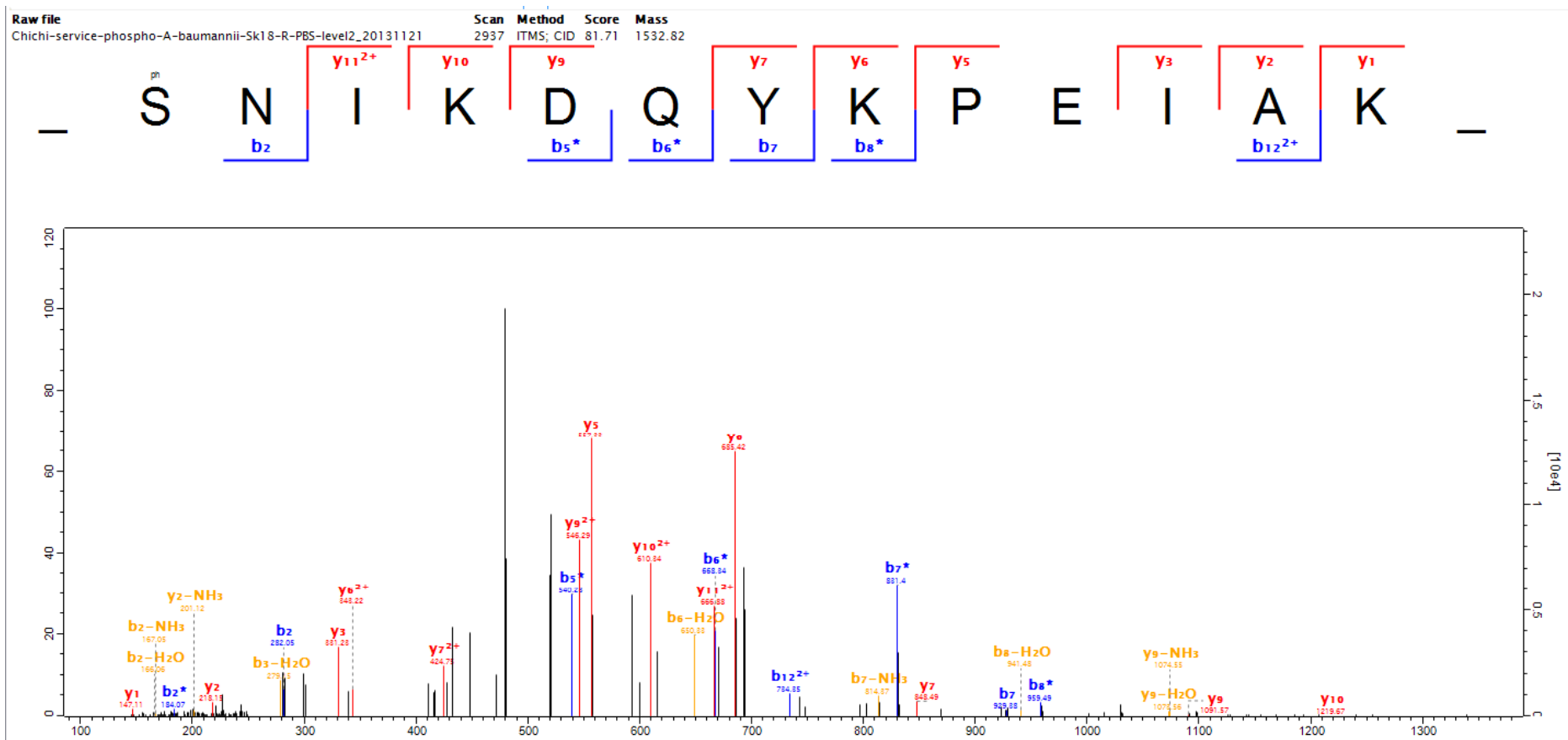


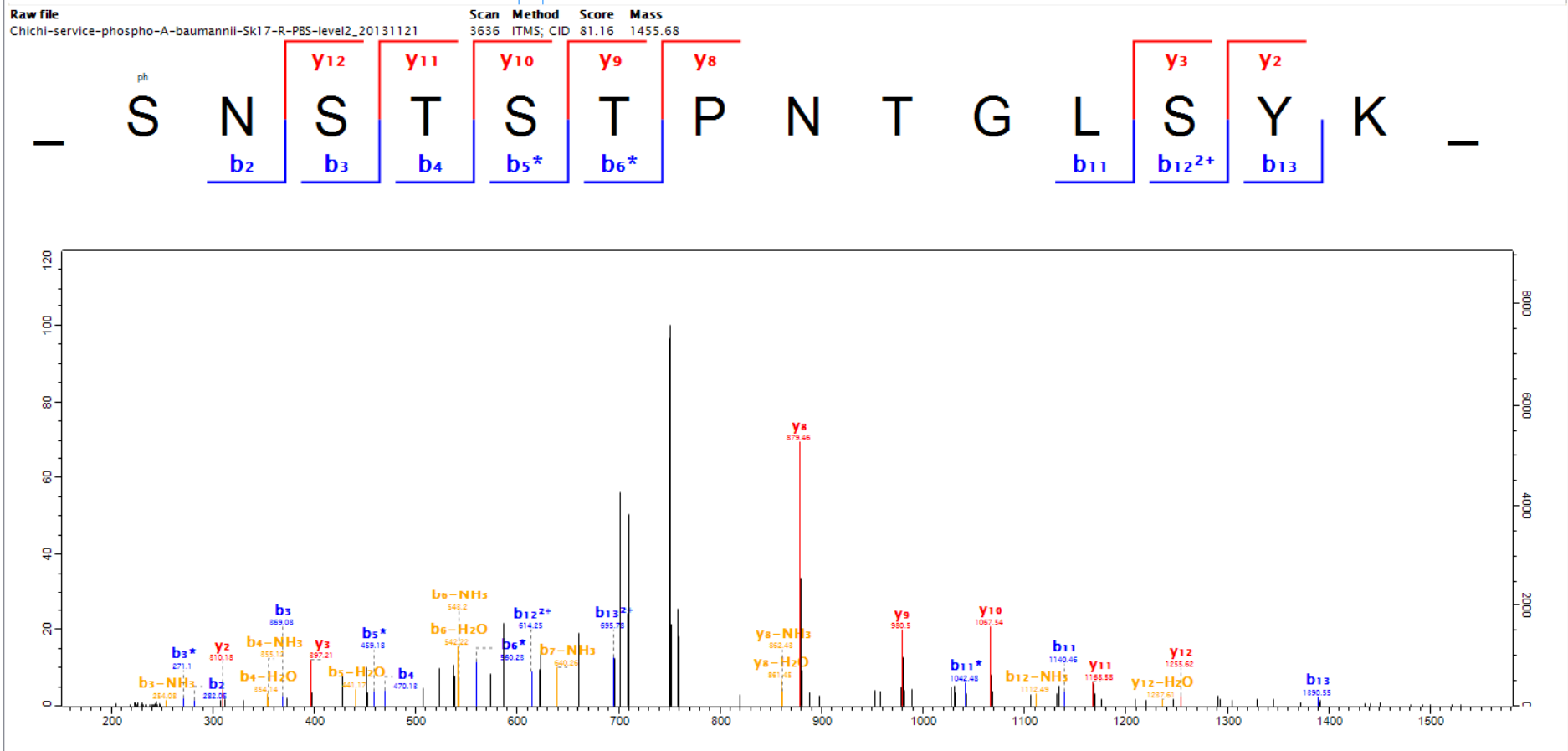


4-1

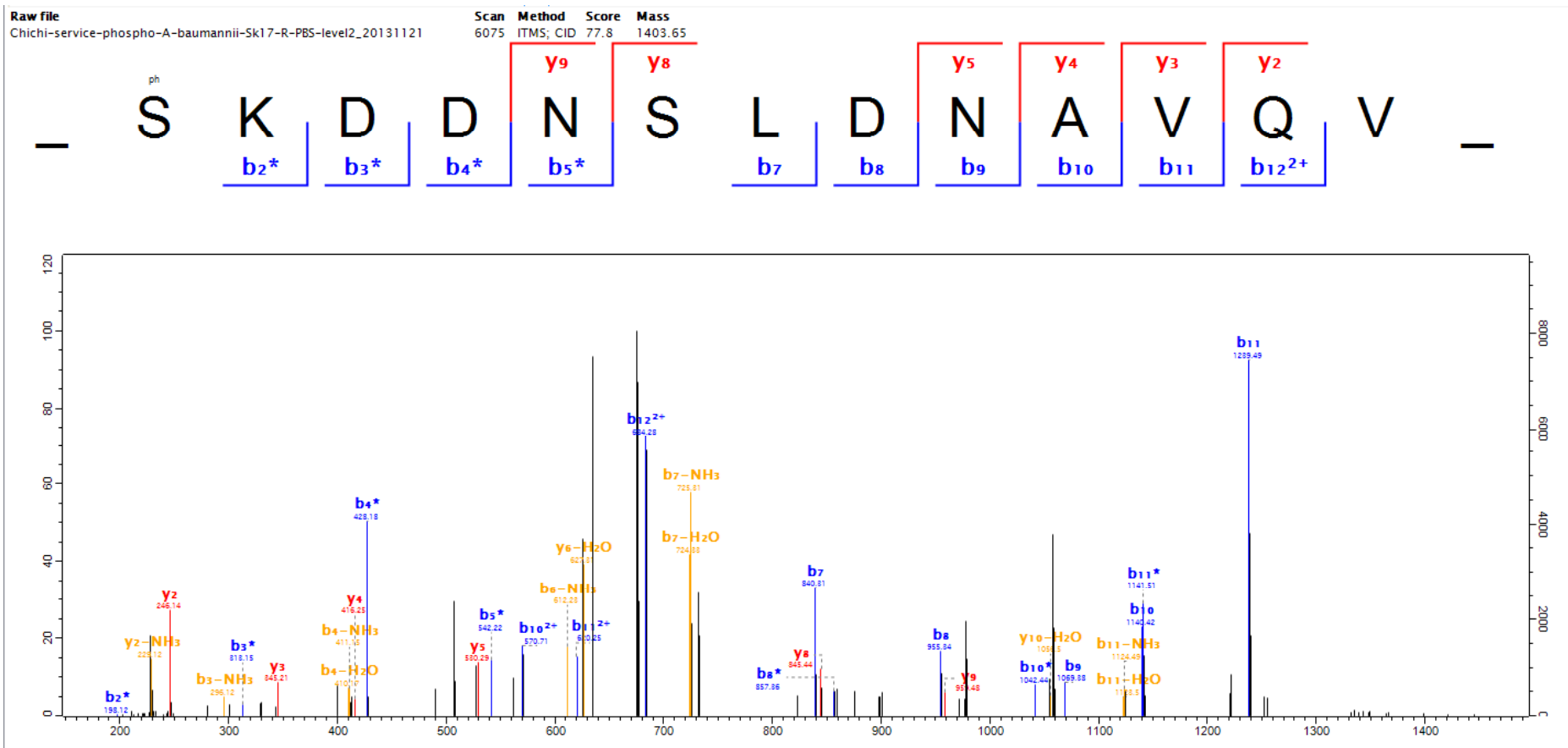


4-2

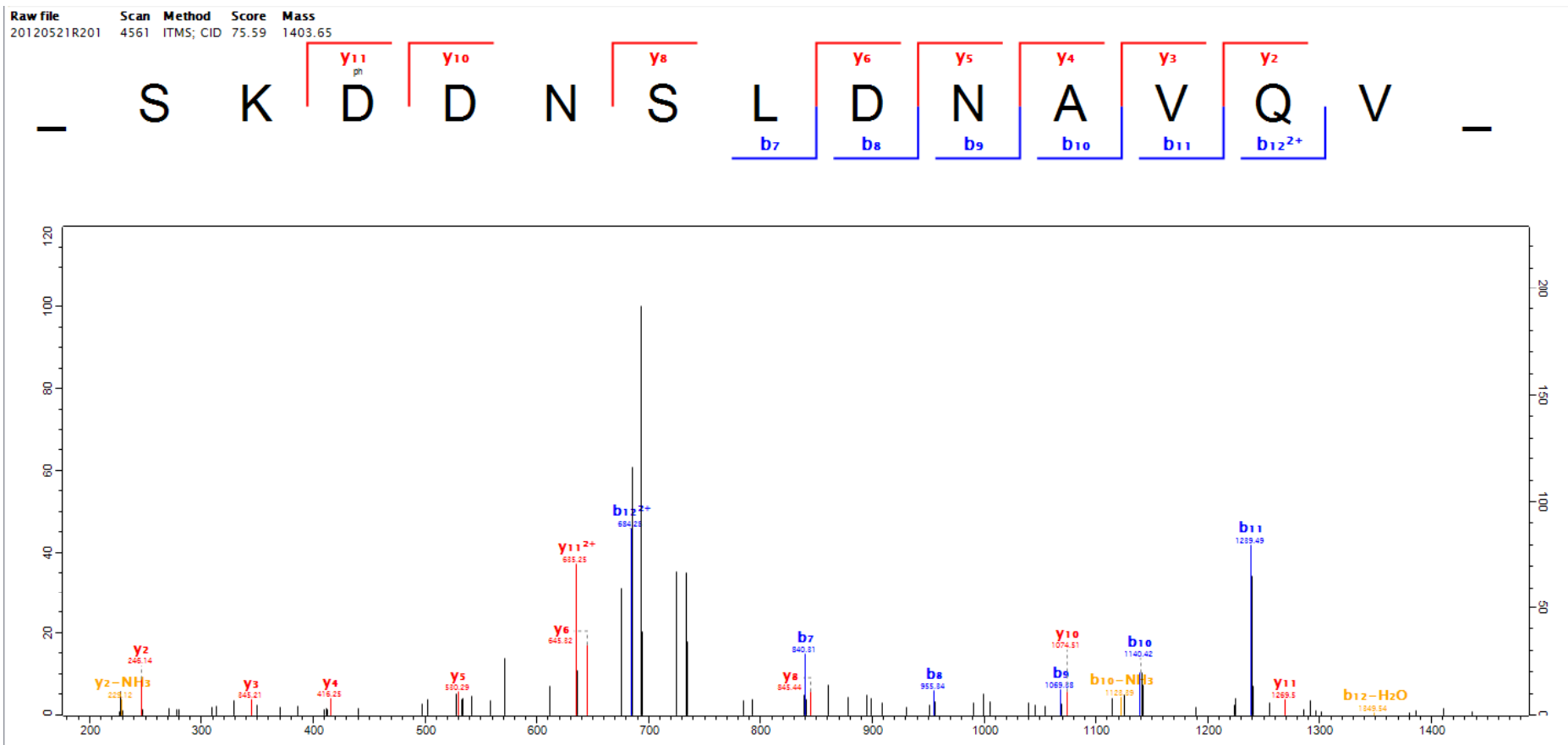




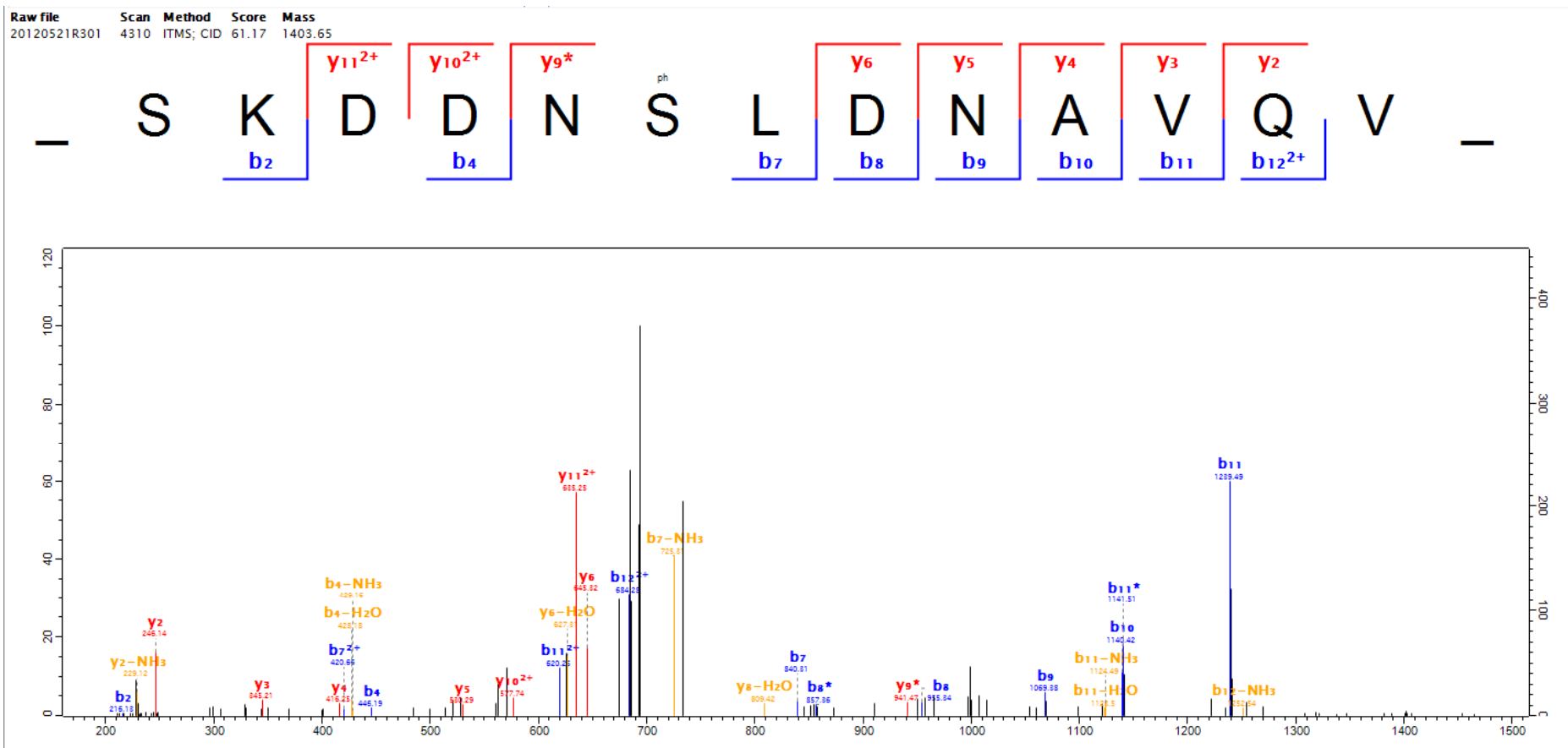
6-1



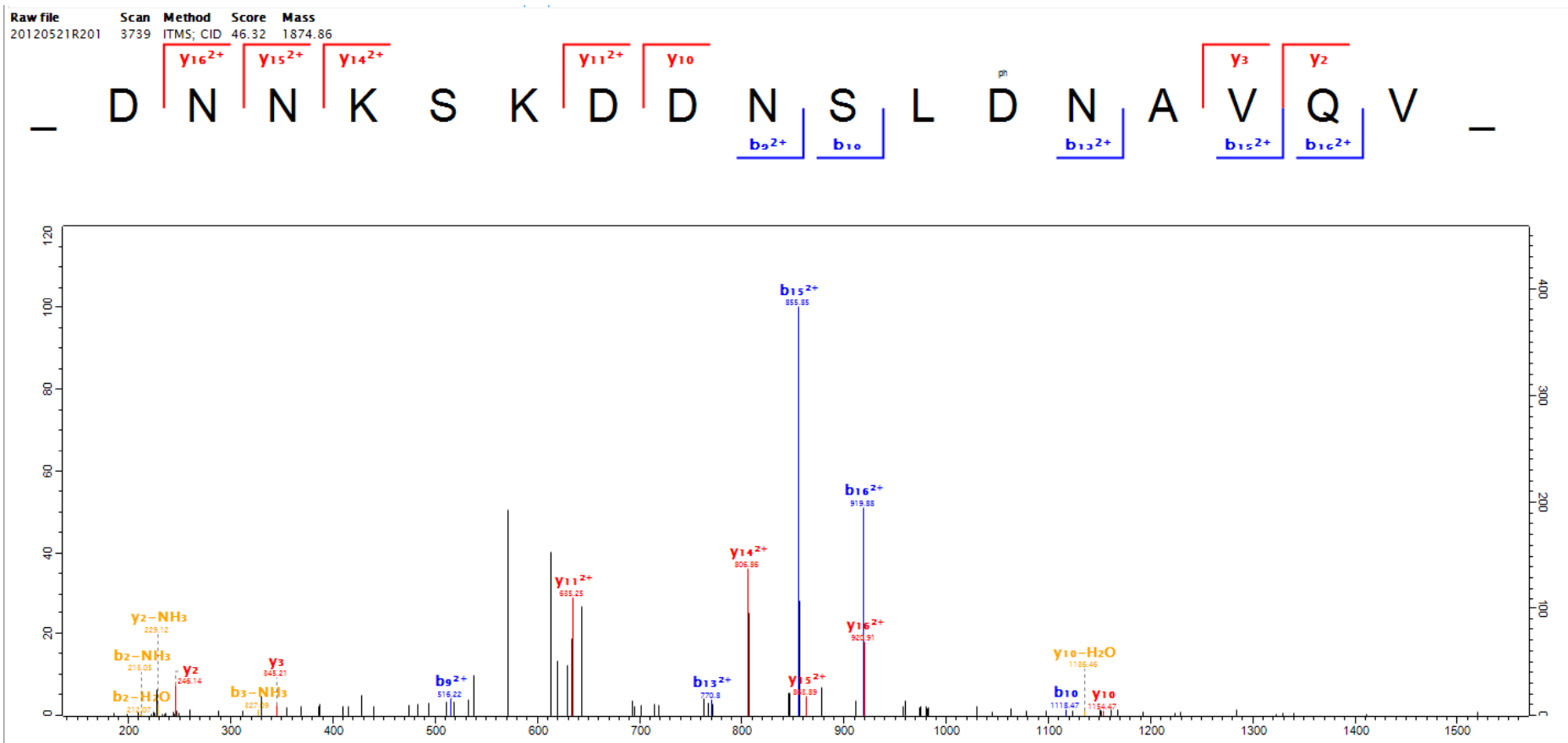
6-2

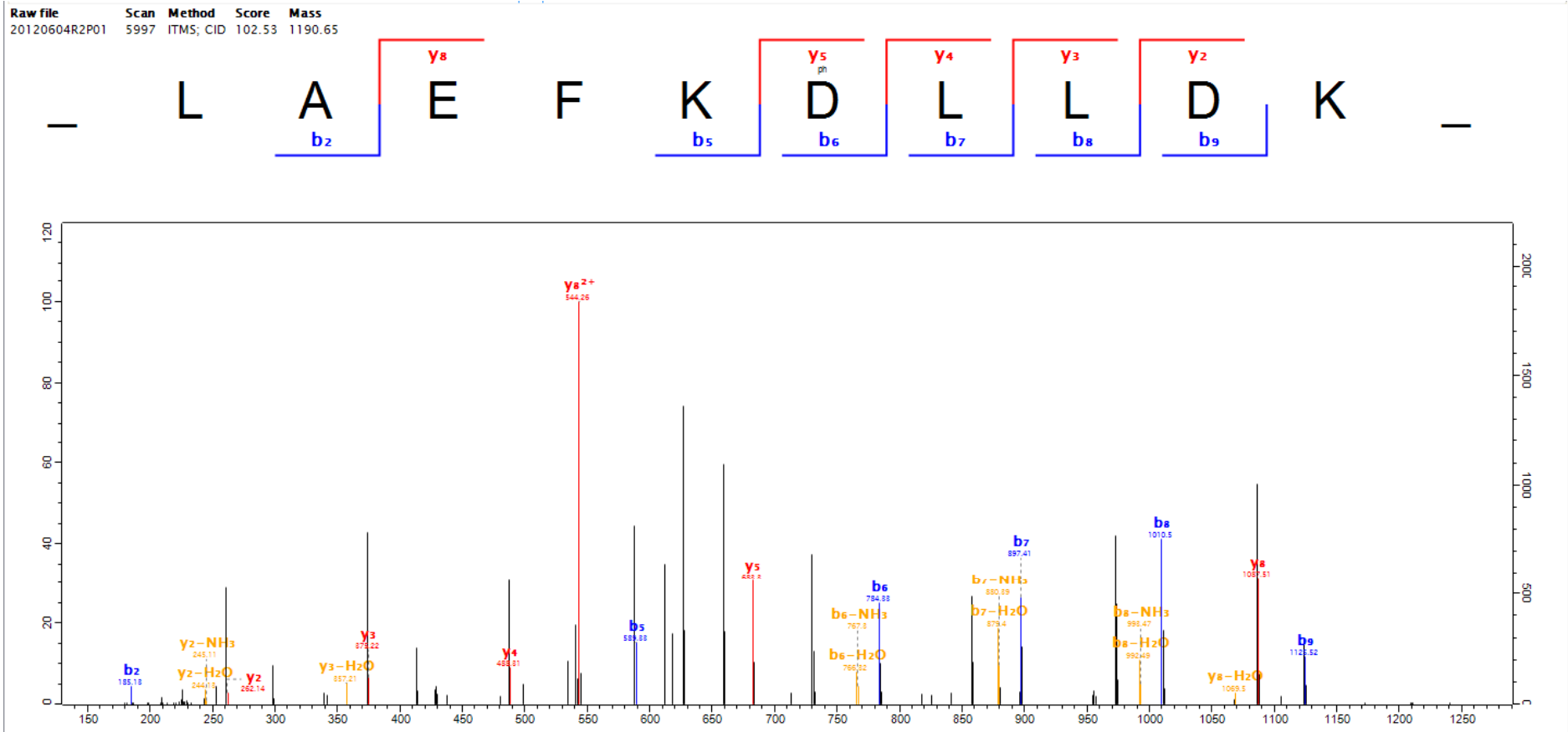


6-3

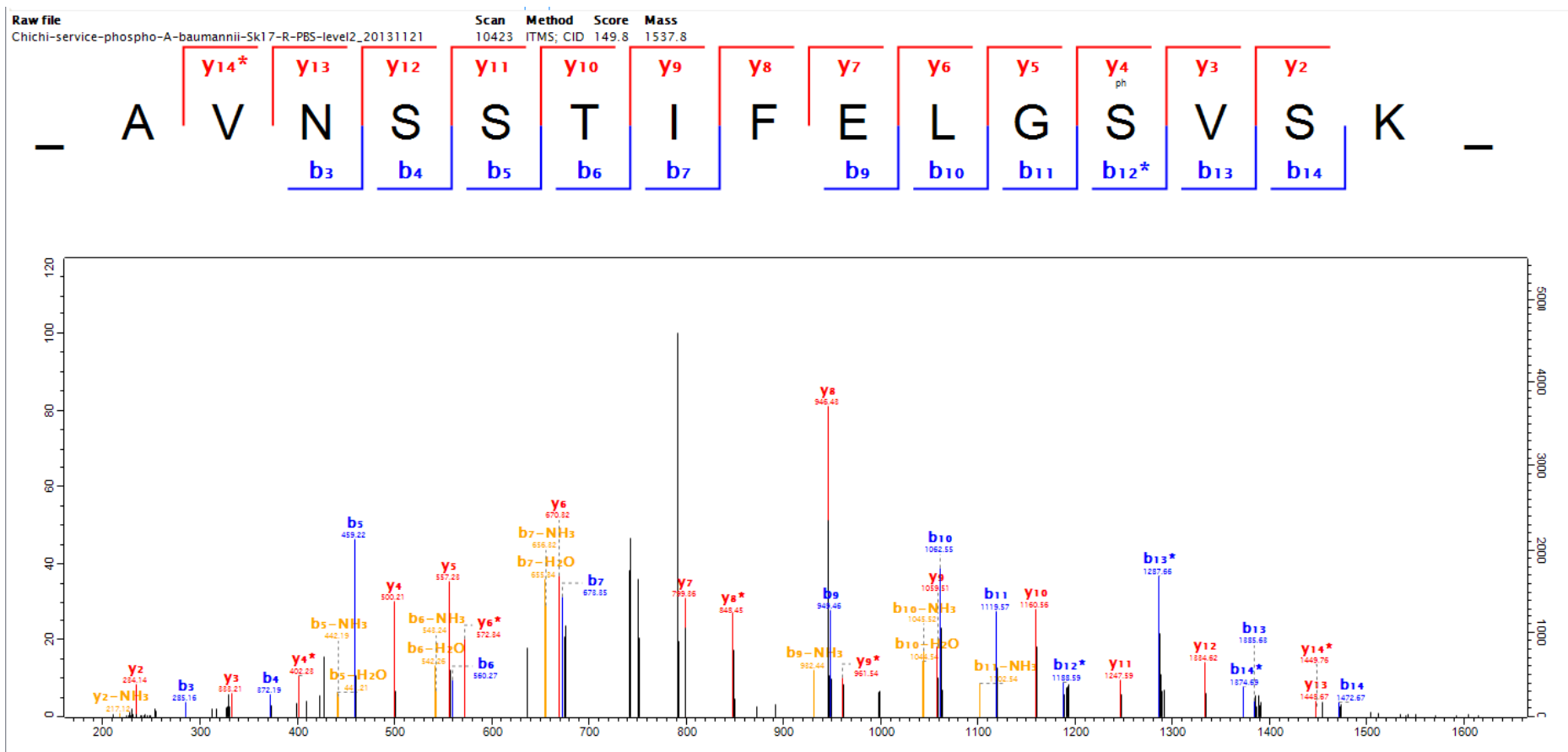


6-4

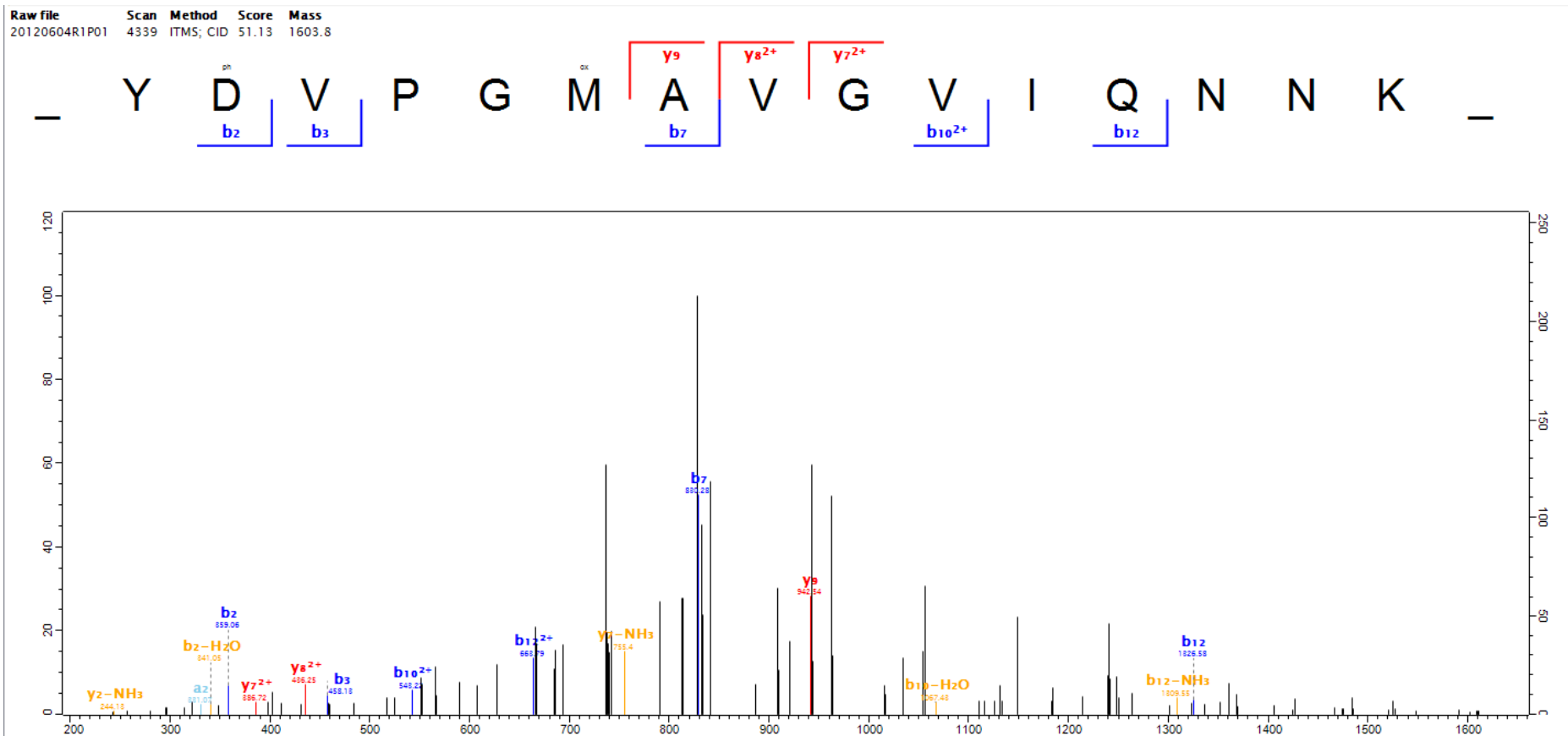




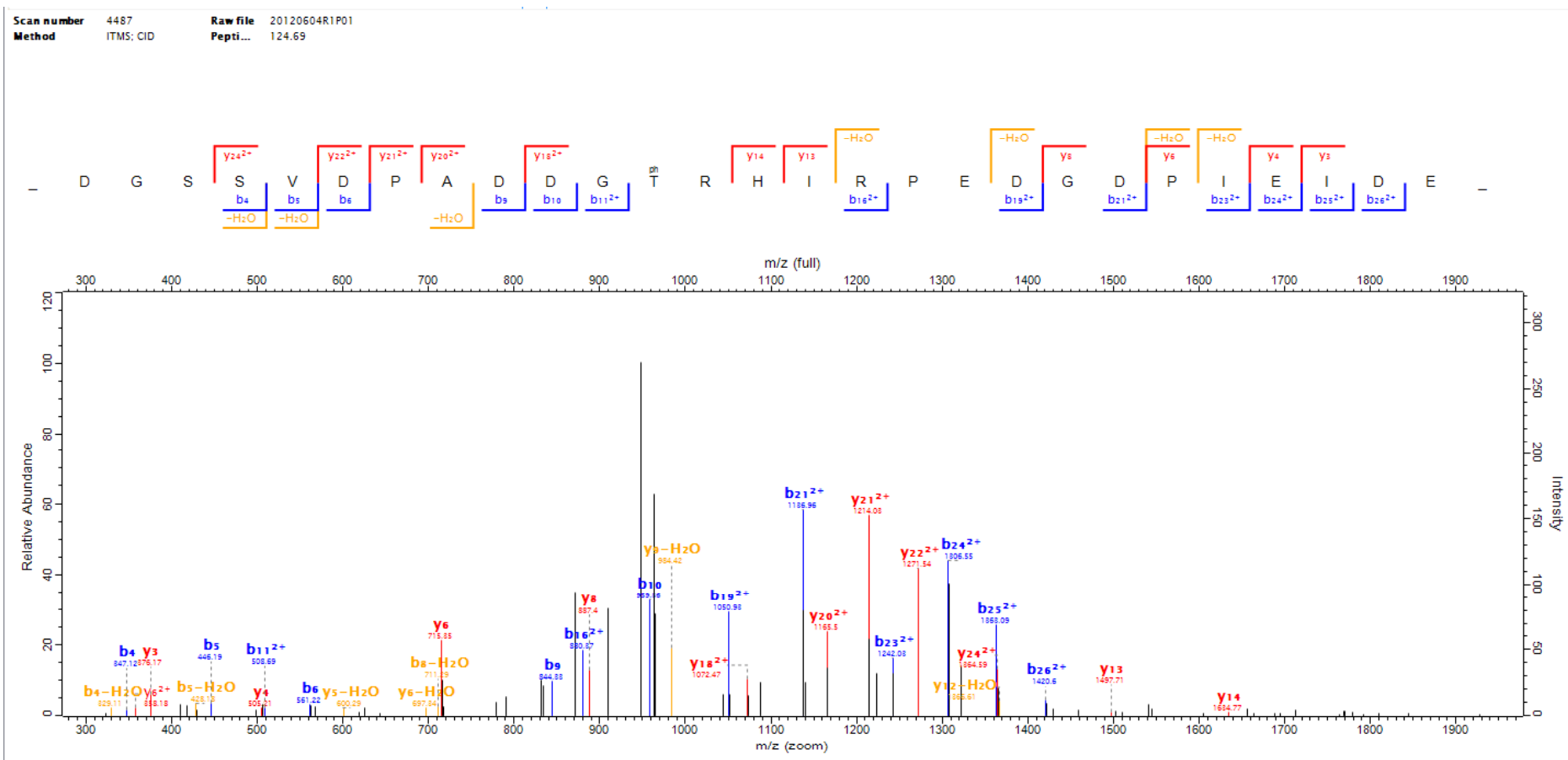
8-1



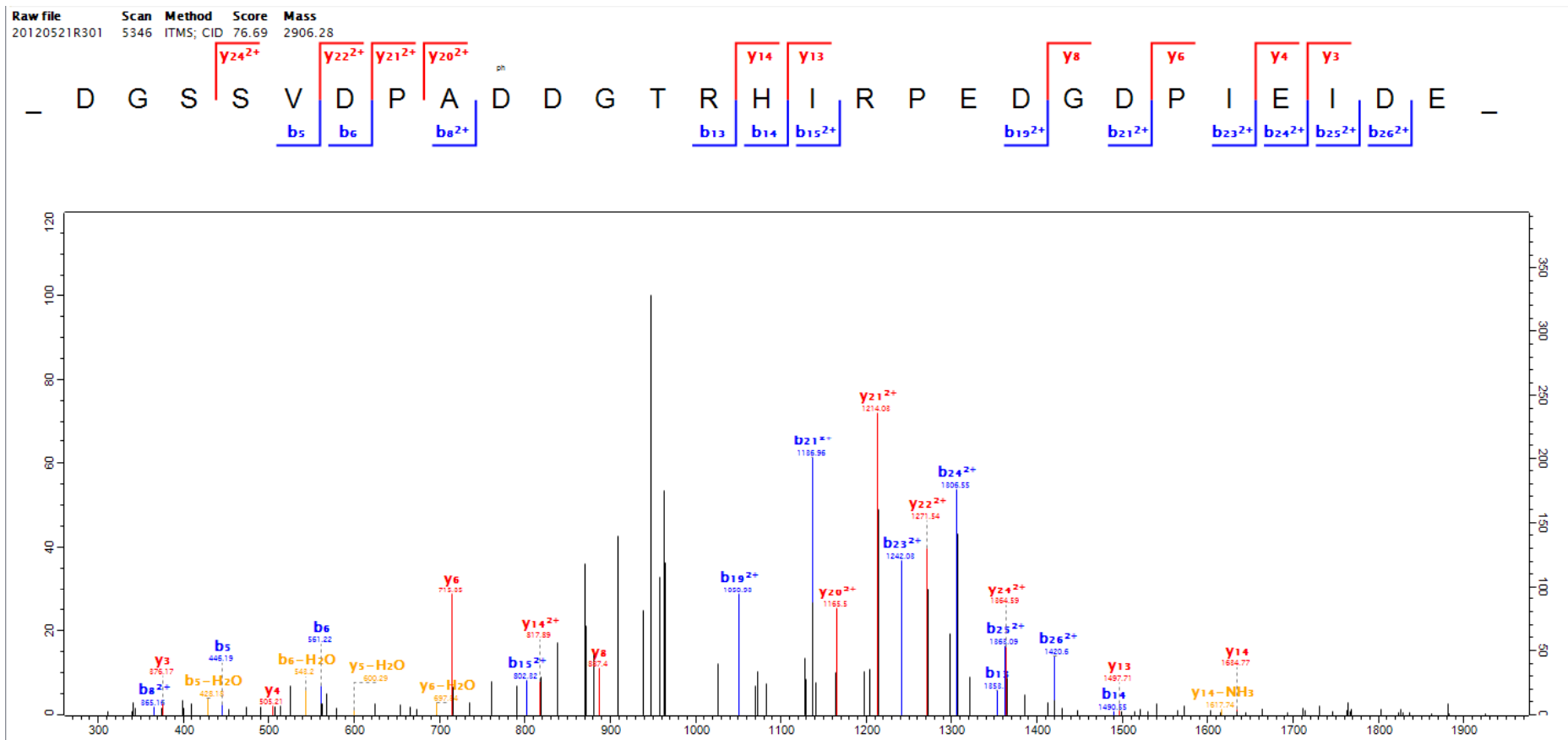
8-2



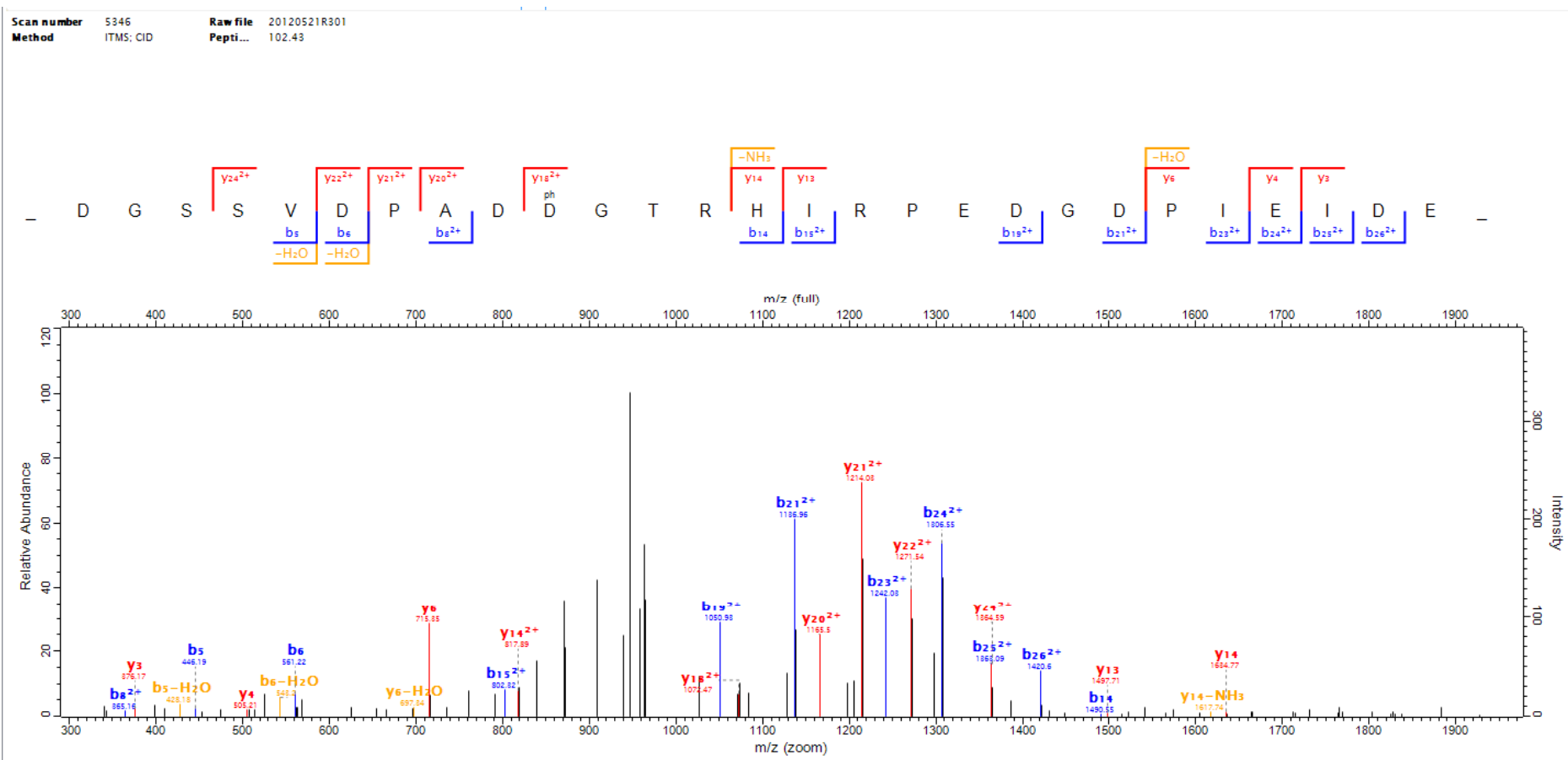
9-1



9-2

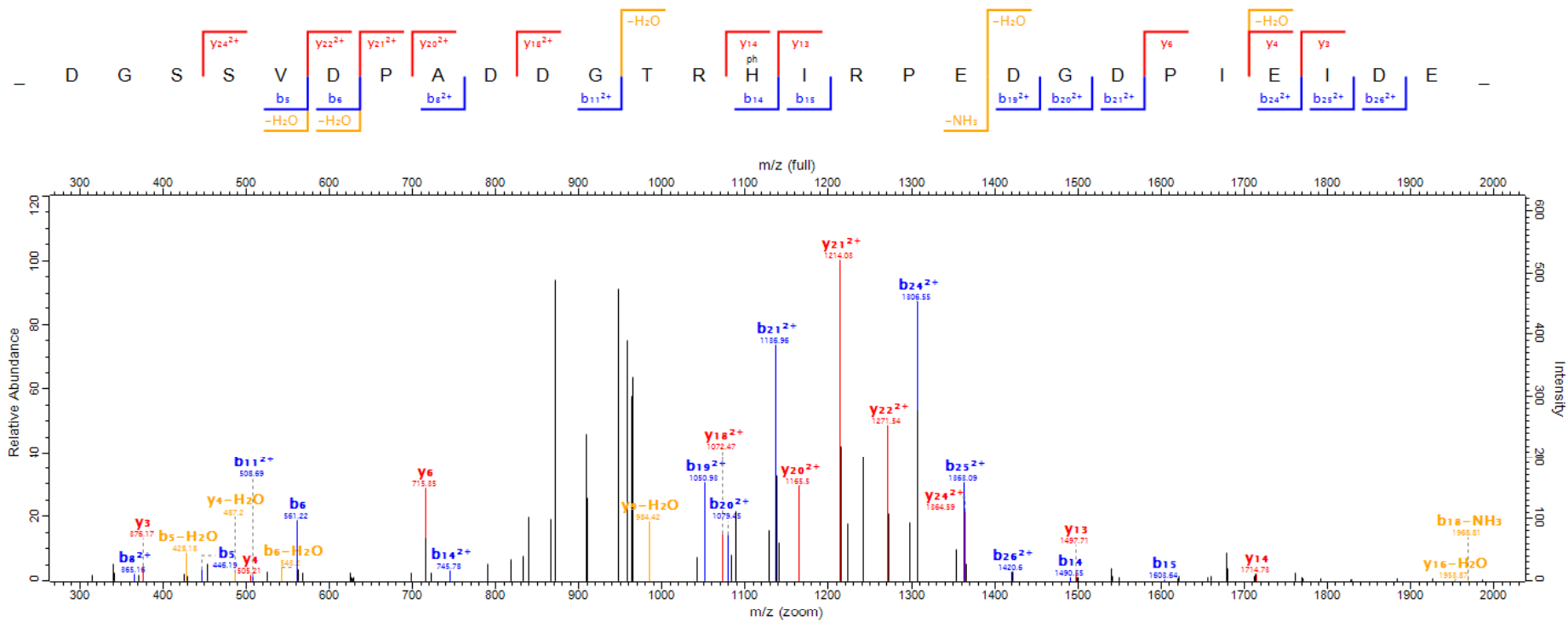


9-3

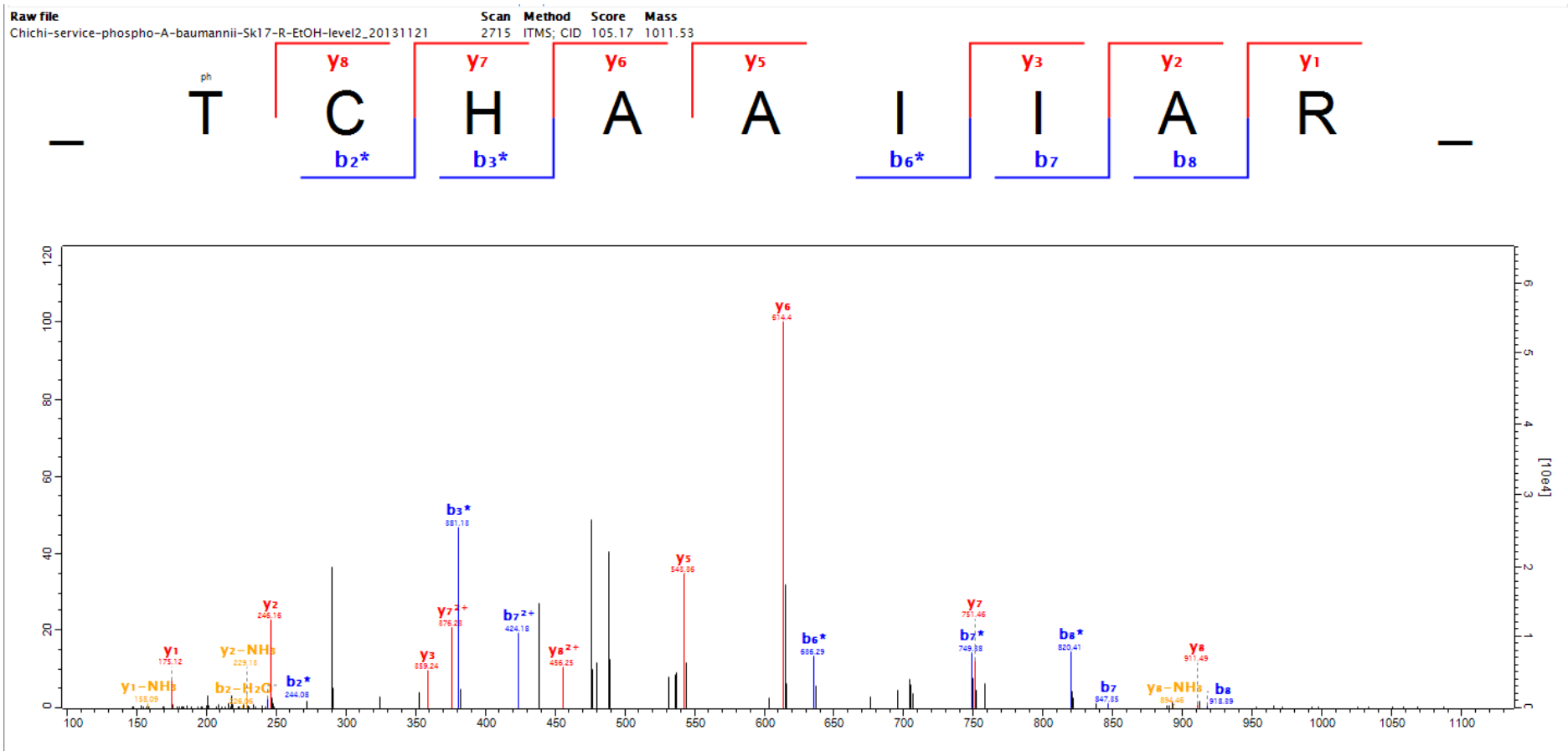


9-4

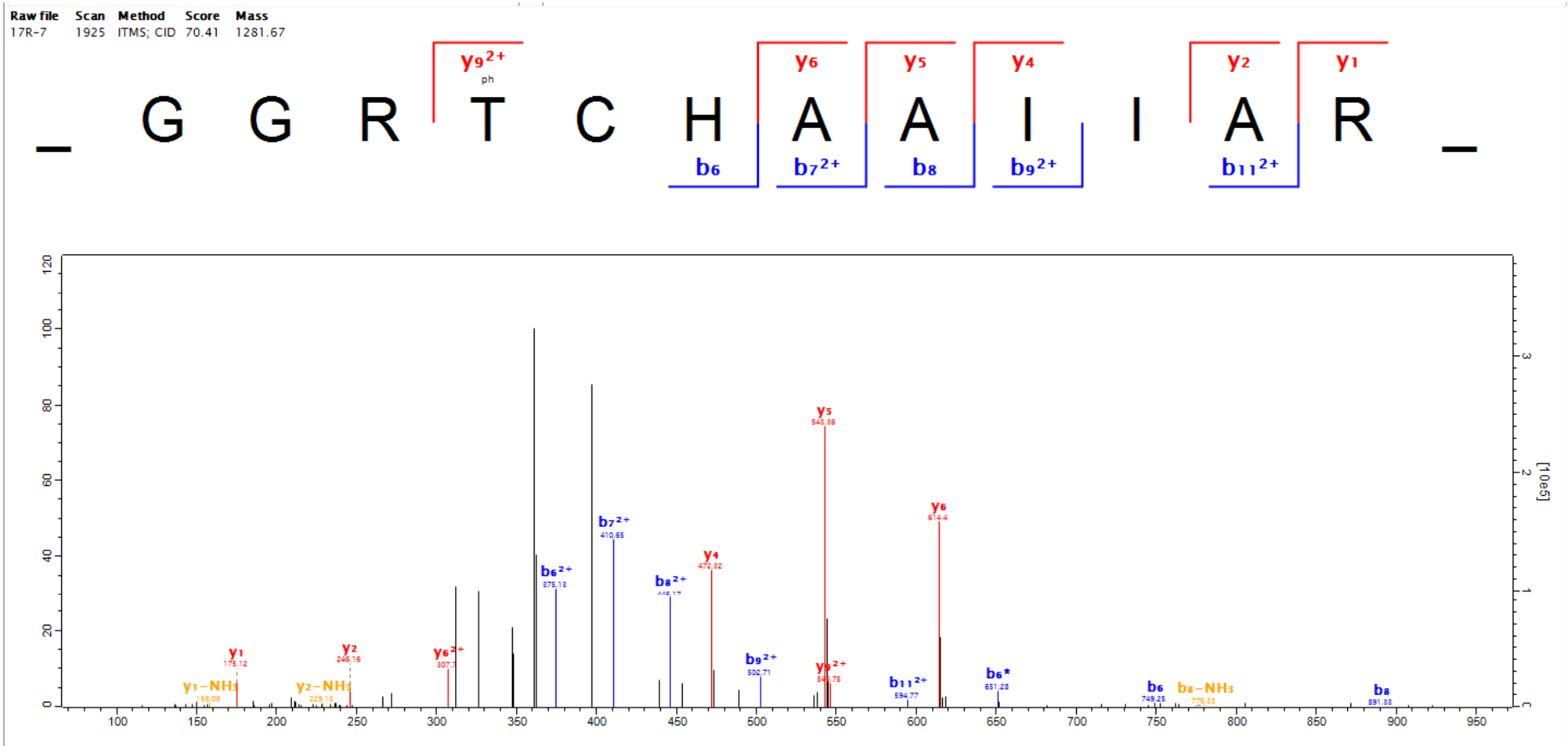
Scan number 6012 Raw file 20120521R101
 Method ITMS: CID Pepti... 108.37

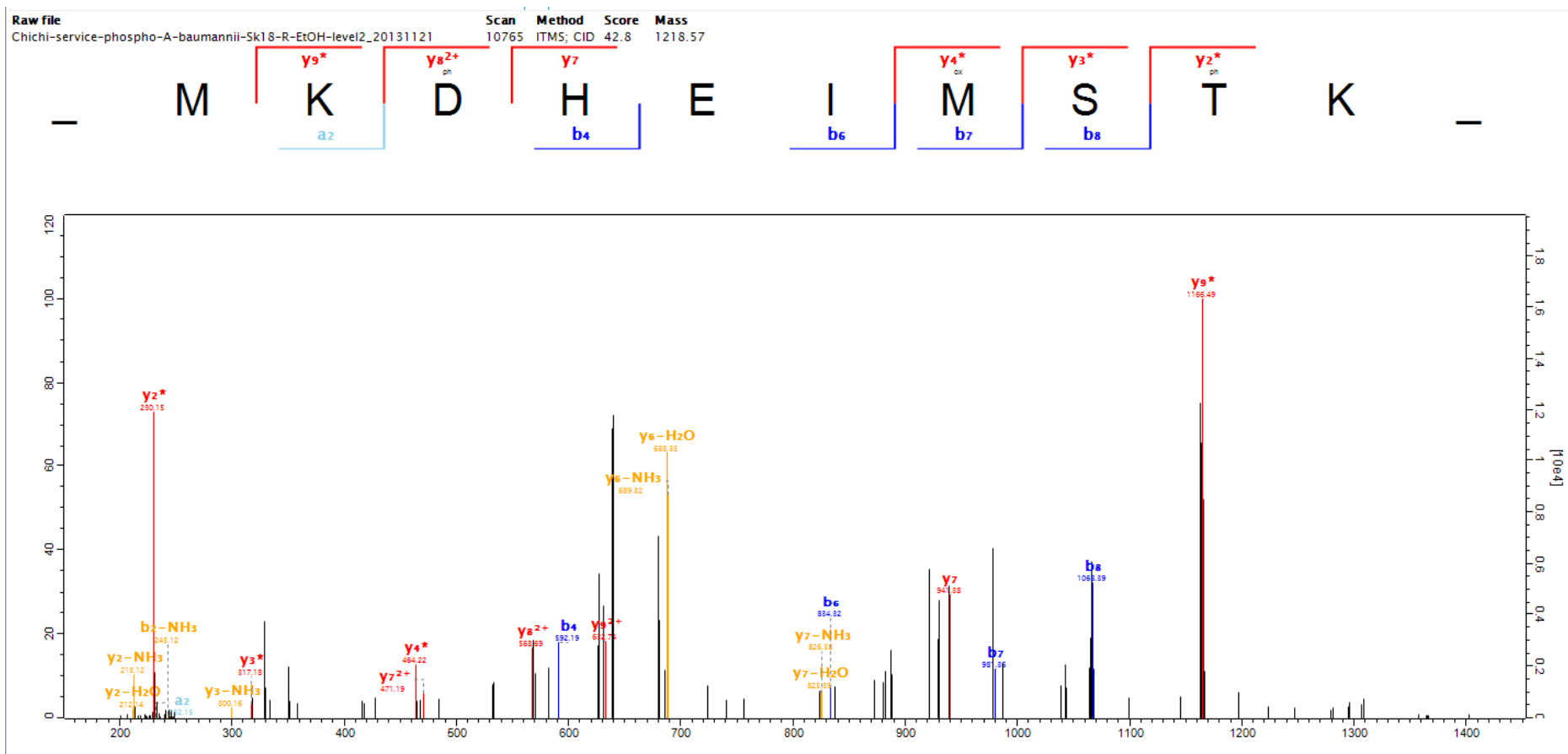


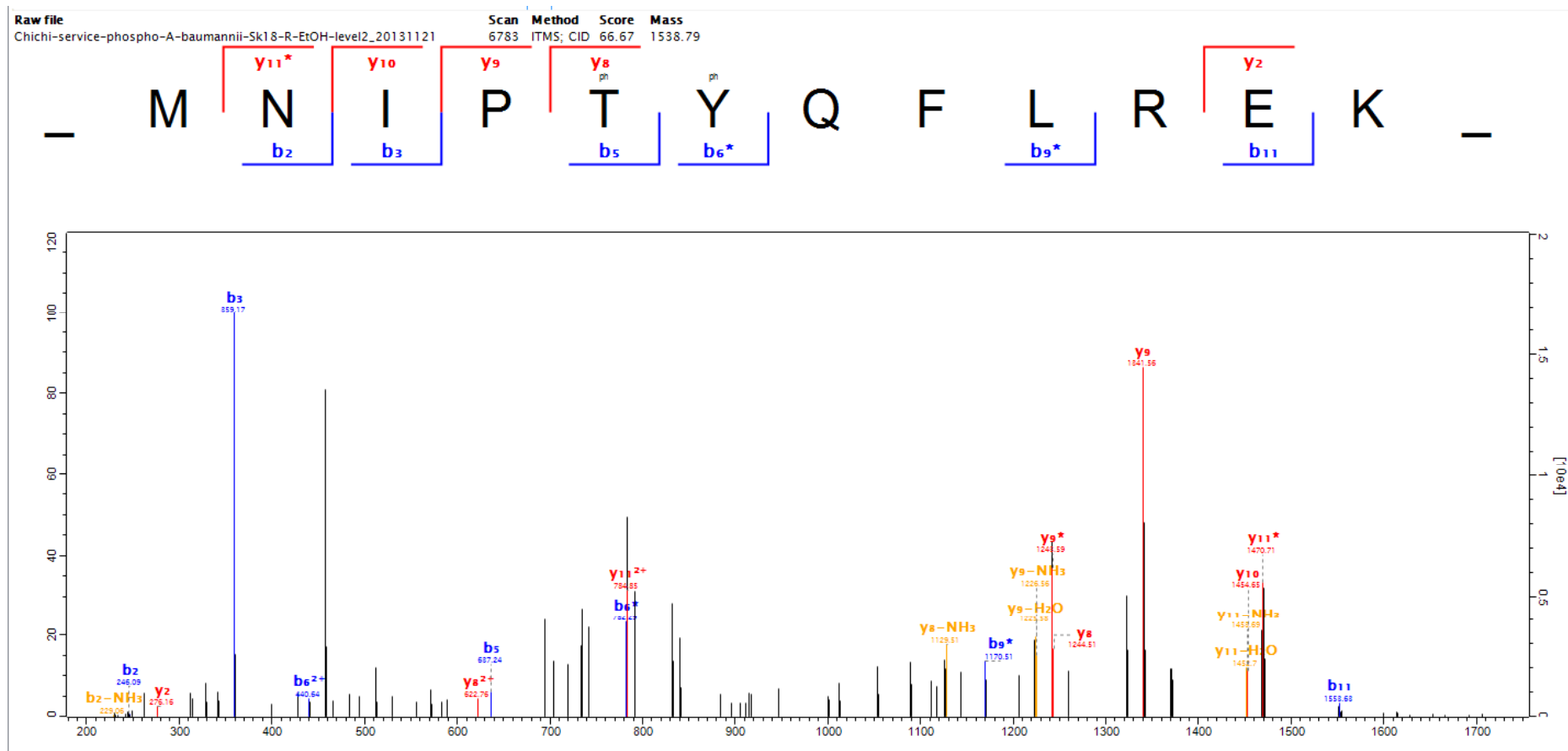
10-1



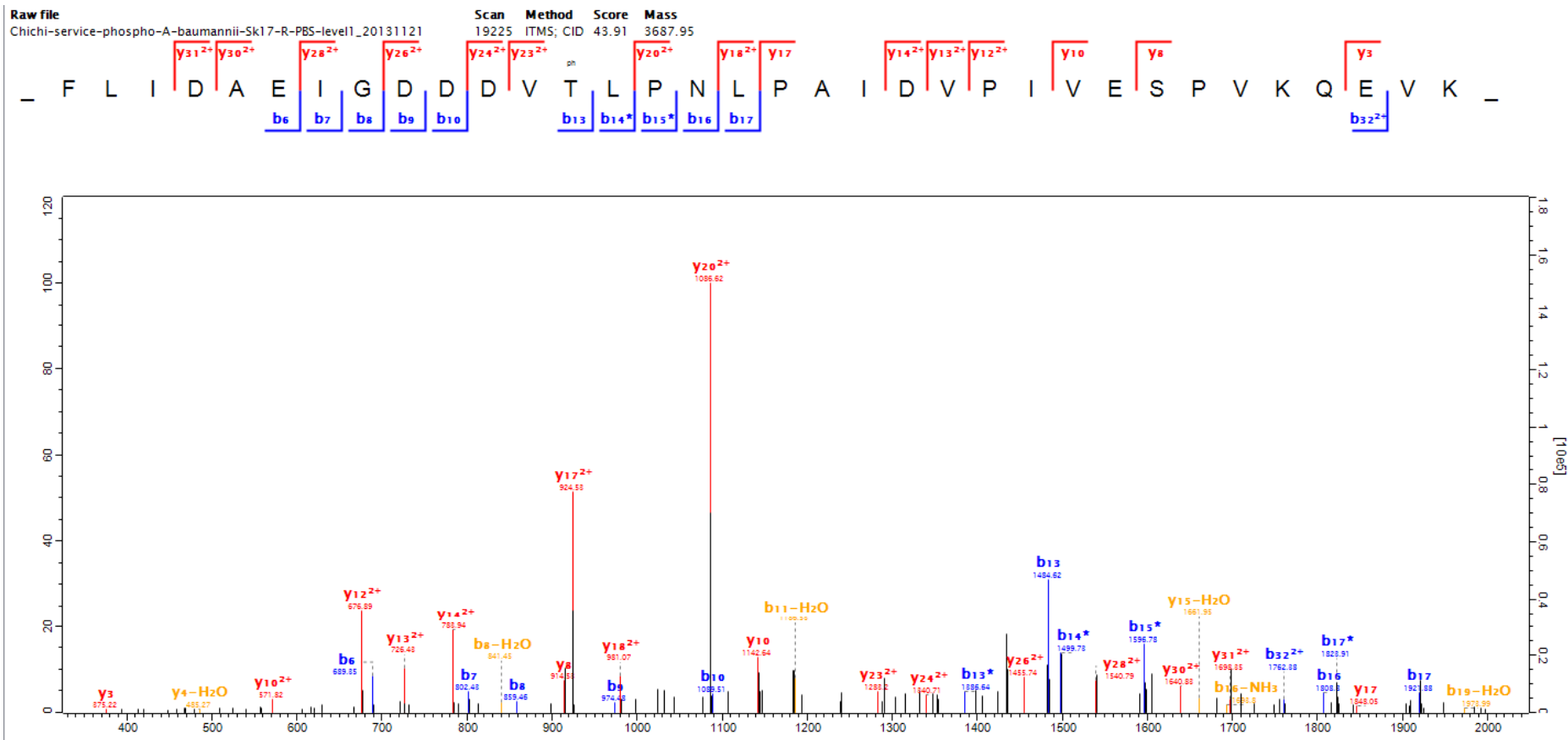
10-2



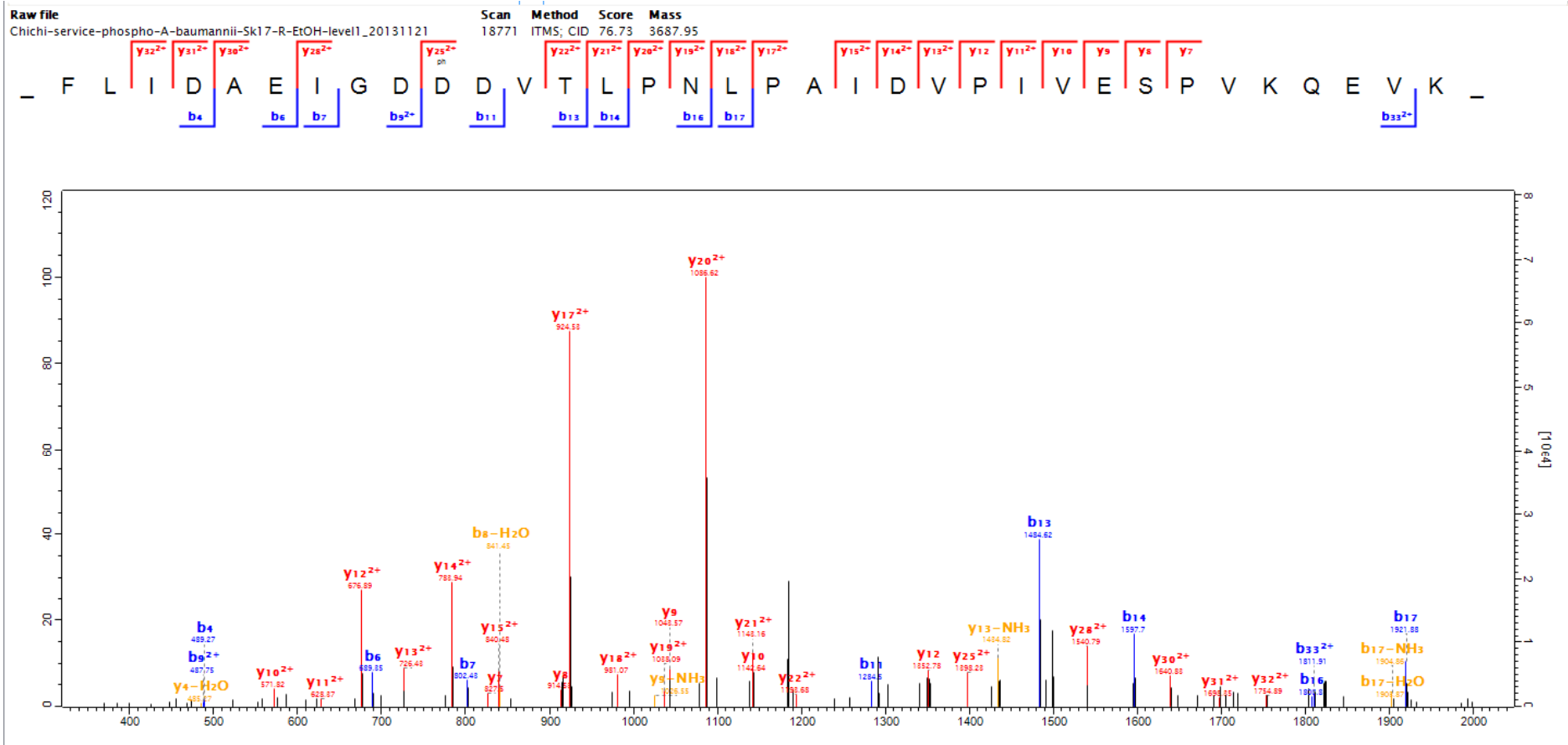


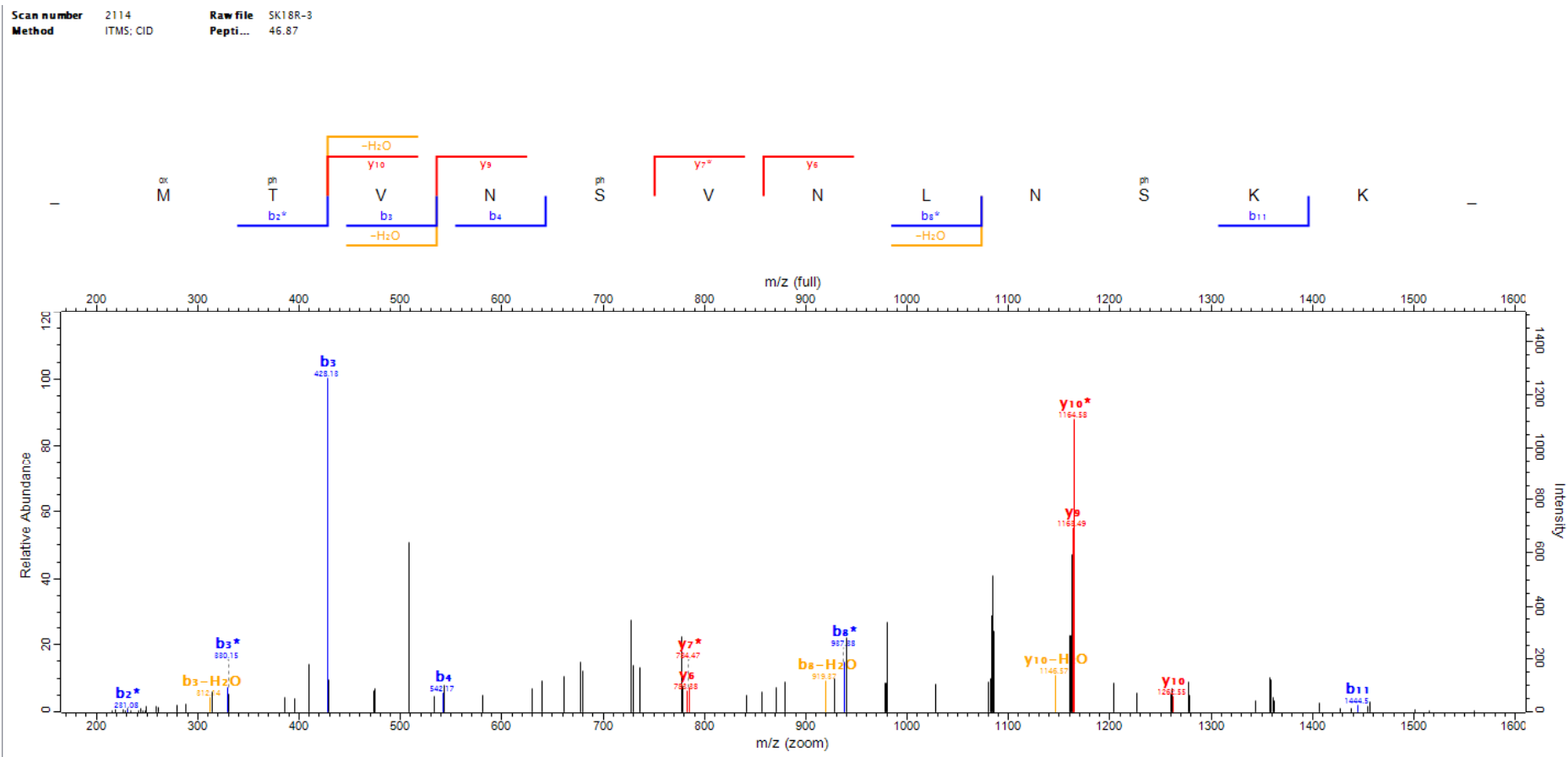


13-1



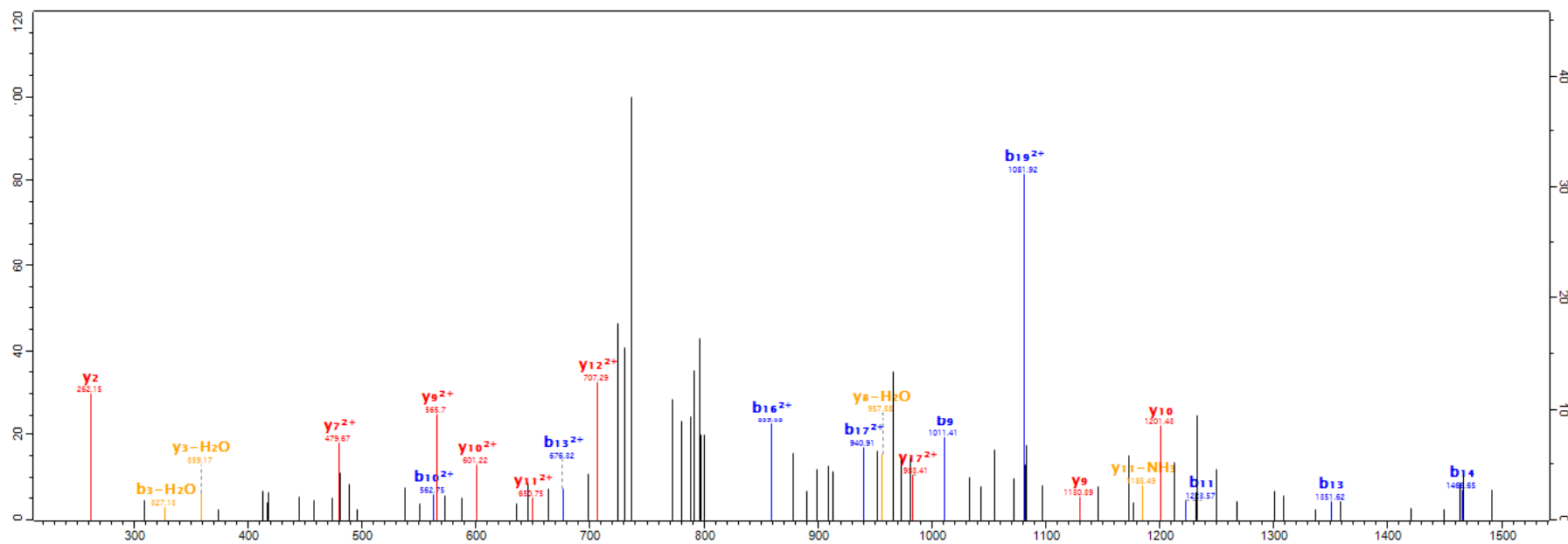
13-2



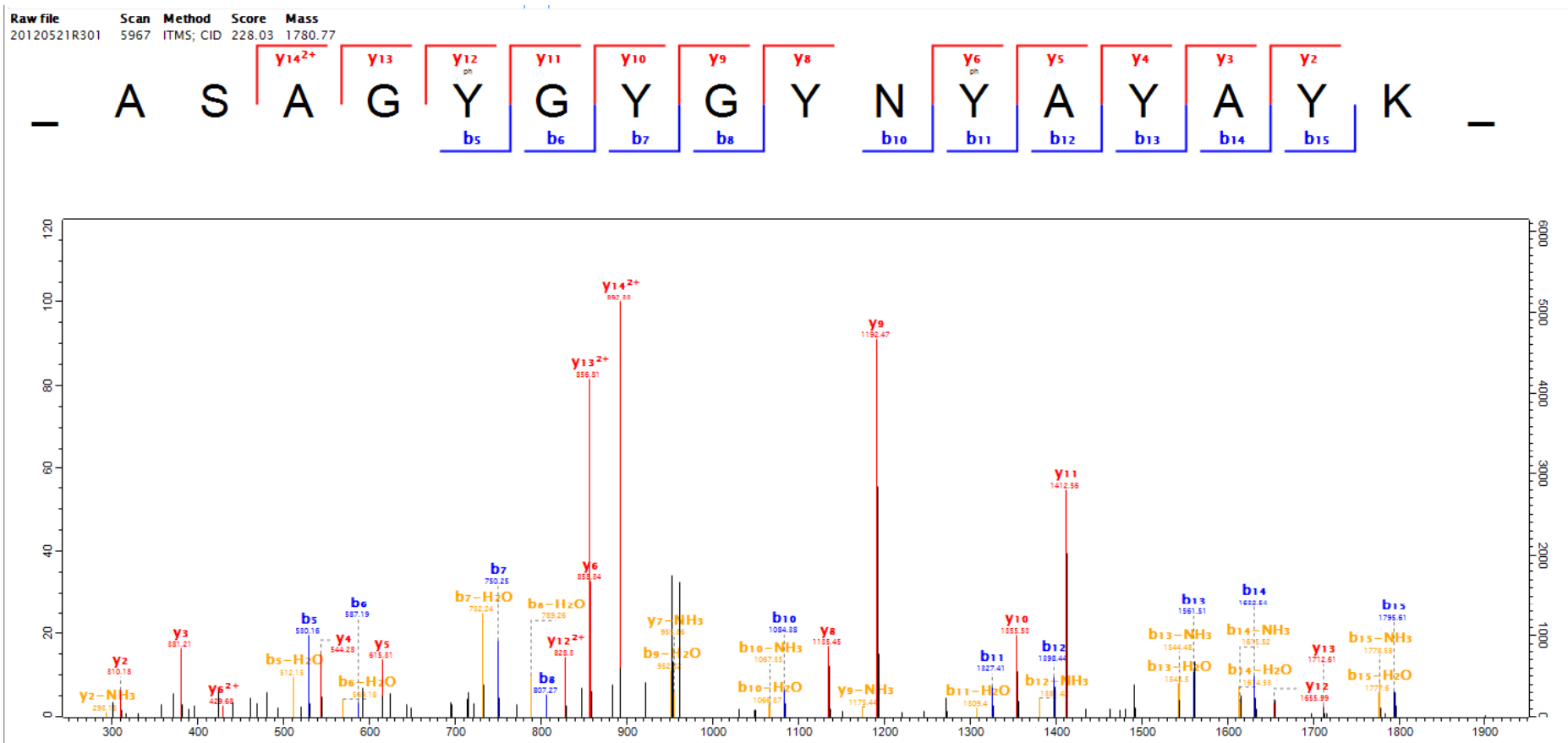


Raw file Scan Method Score Mass
 20120521R201 1415 ITMS; CID 37.88 2343.01

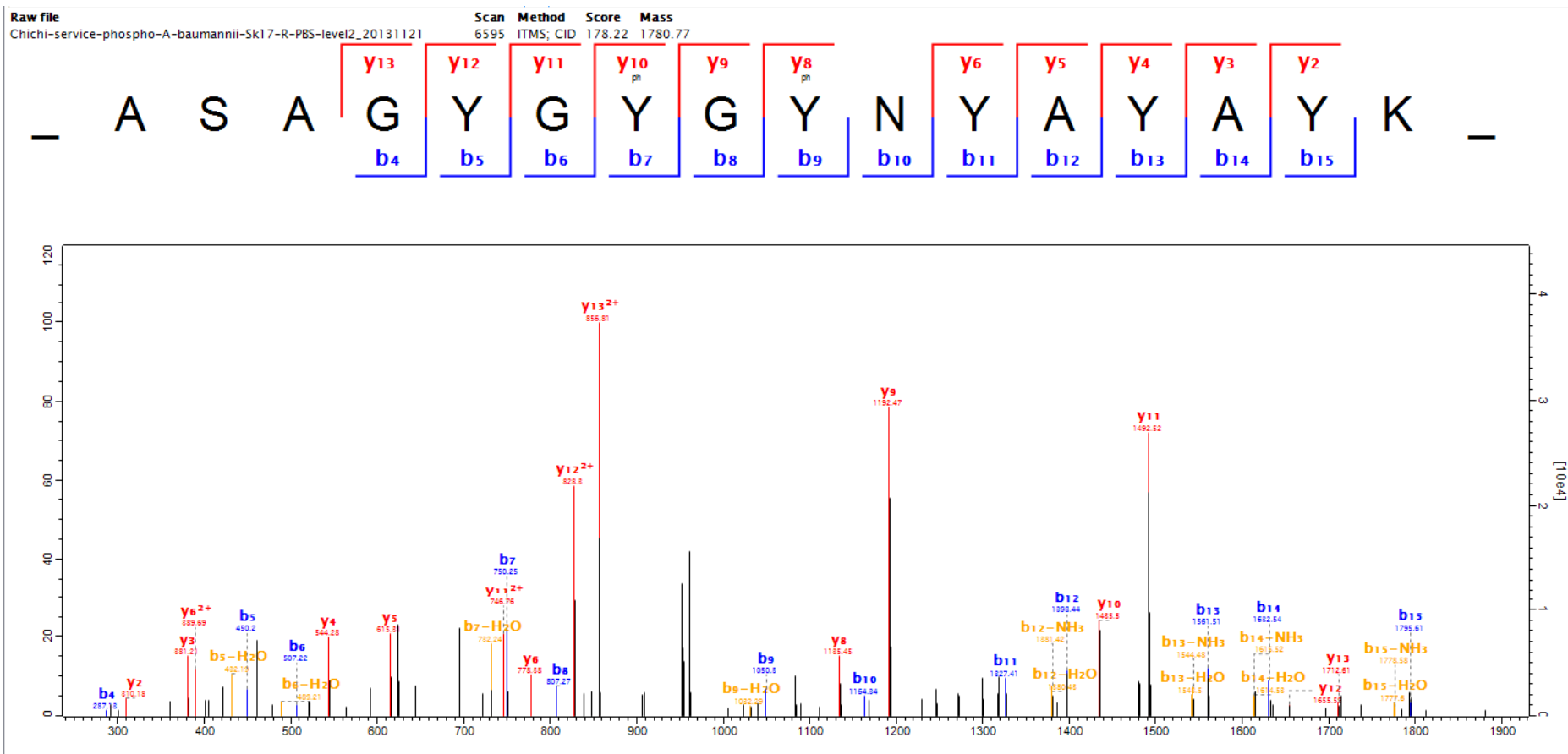
y₁₇²⁺ T D H A Q b₉ b₁₀²⁺ b₁₁ y₁₂²⁺ y₁₁²⁺ A y₁₀ y₉ D y₇²⁺ H N Y ^pS b₁₆²⁺ b₁₇²⁺ b₁₉²⁺ D y₂ S R



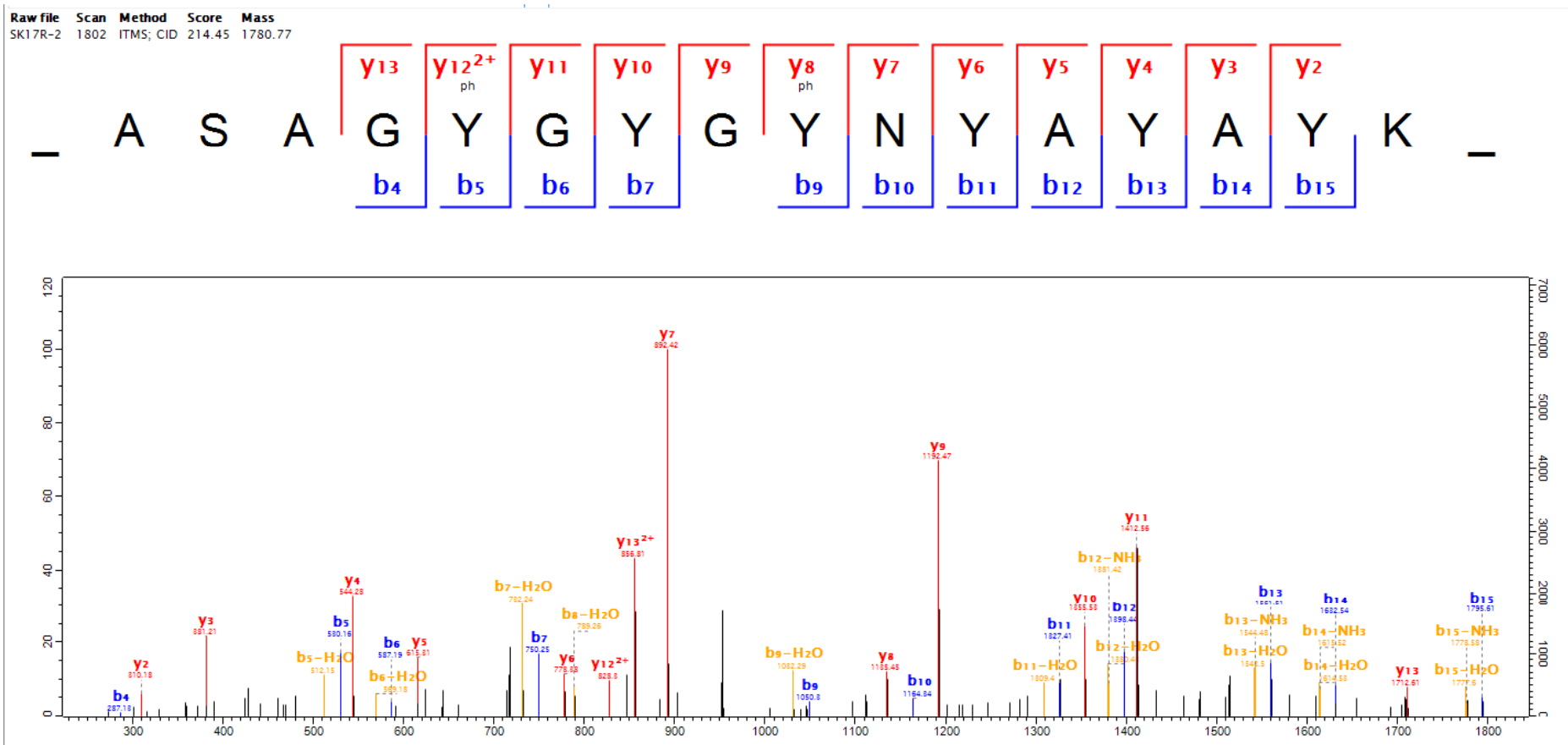
16-1



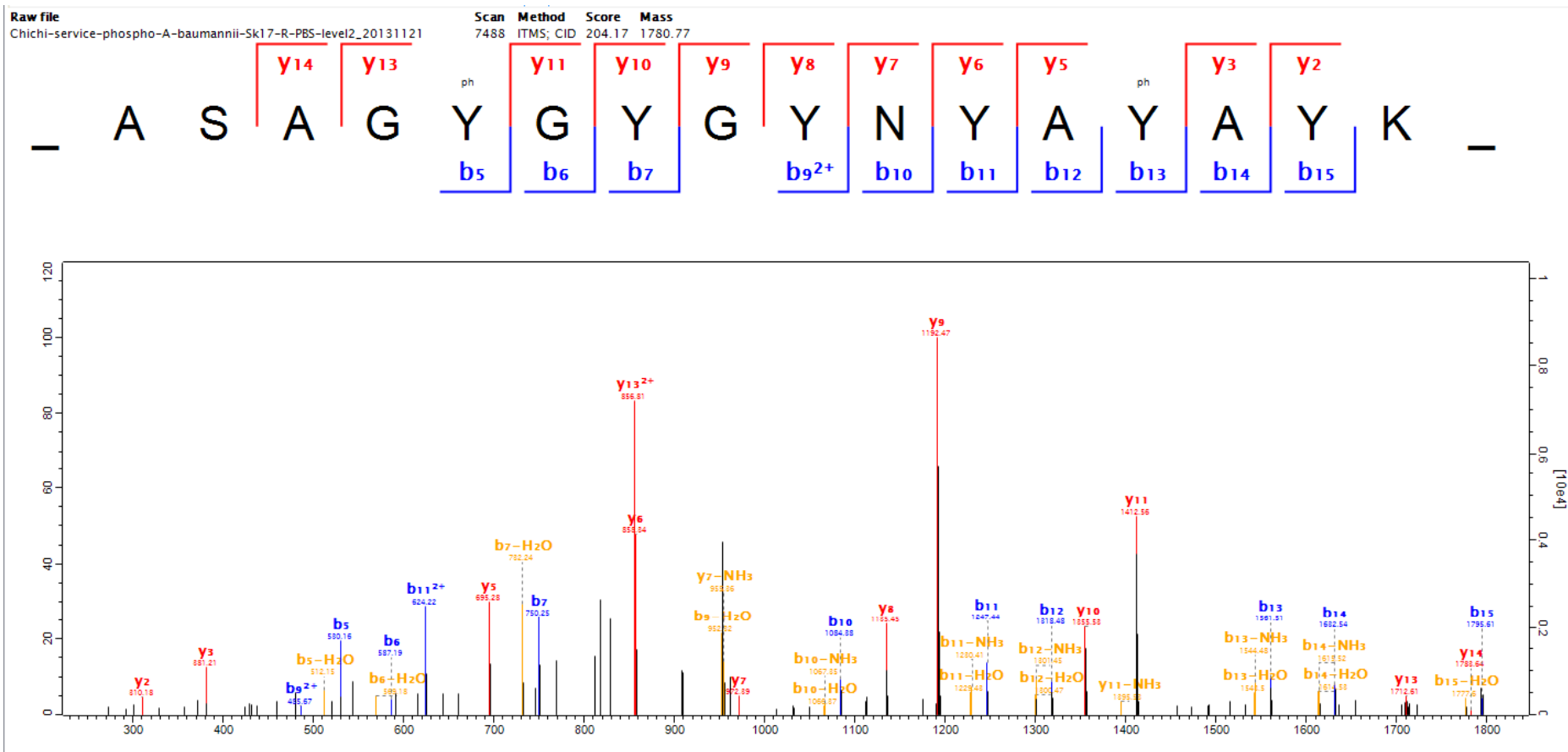
16-2



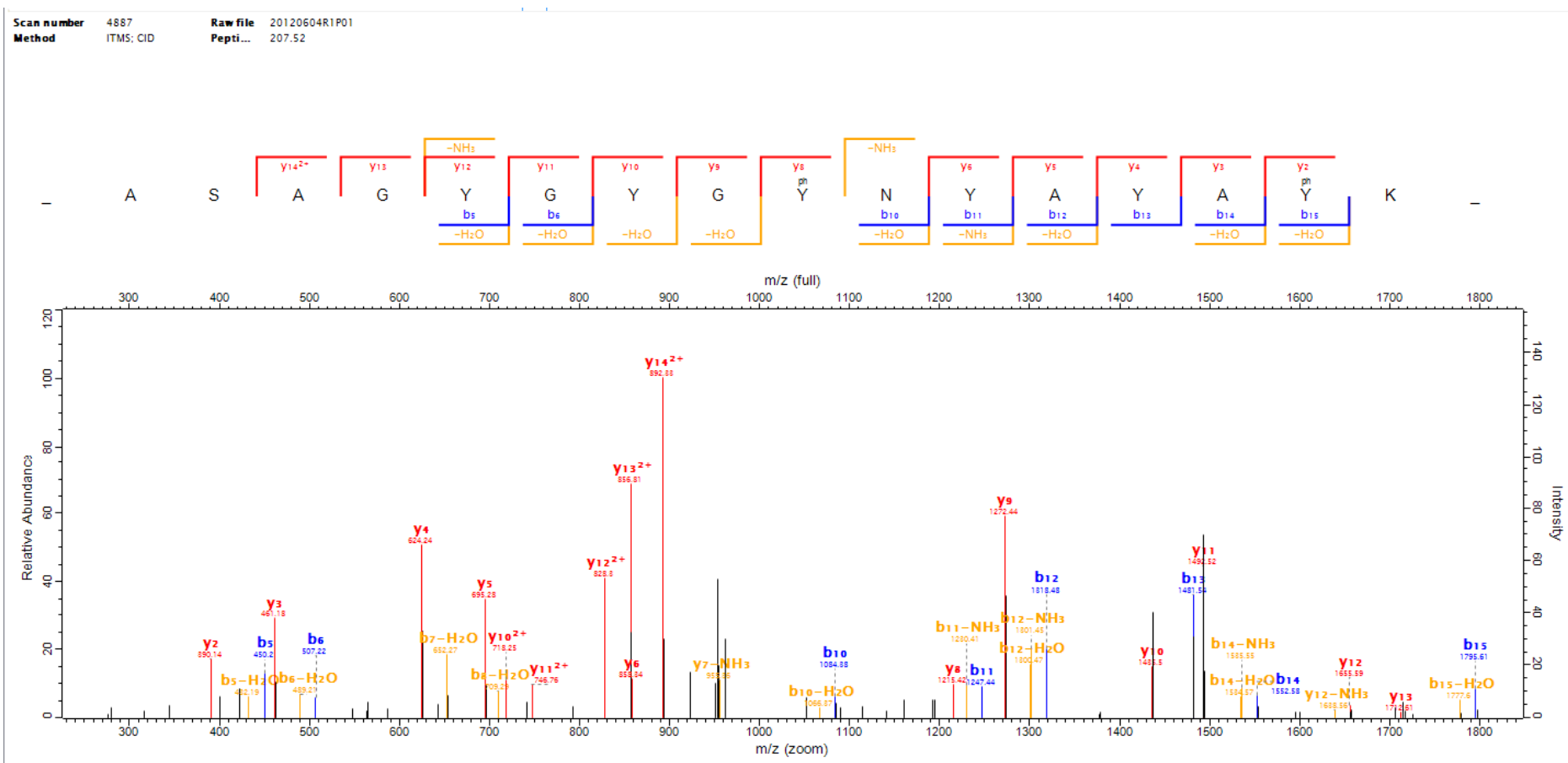
16-3



16-4

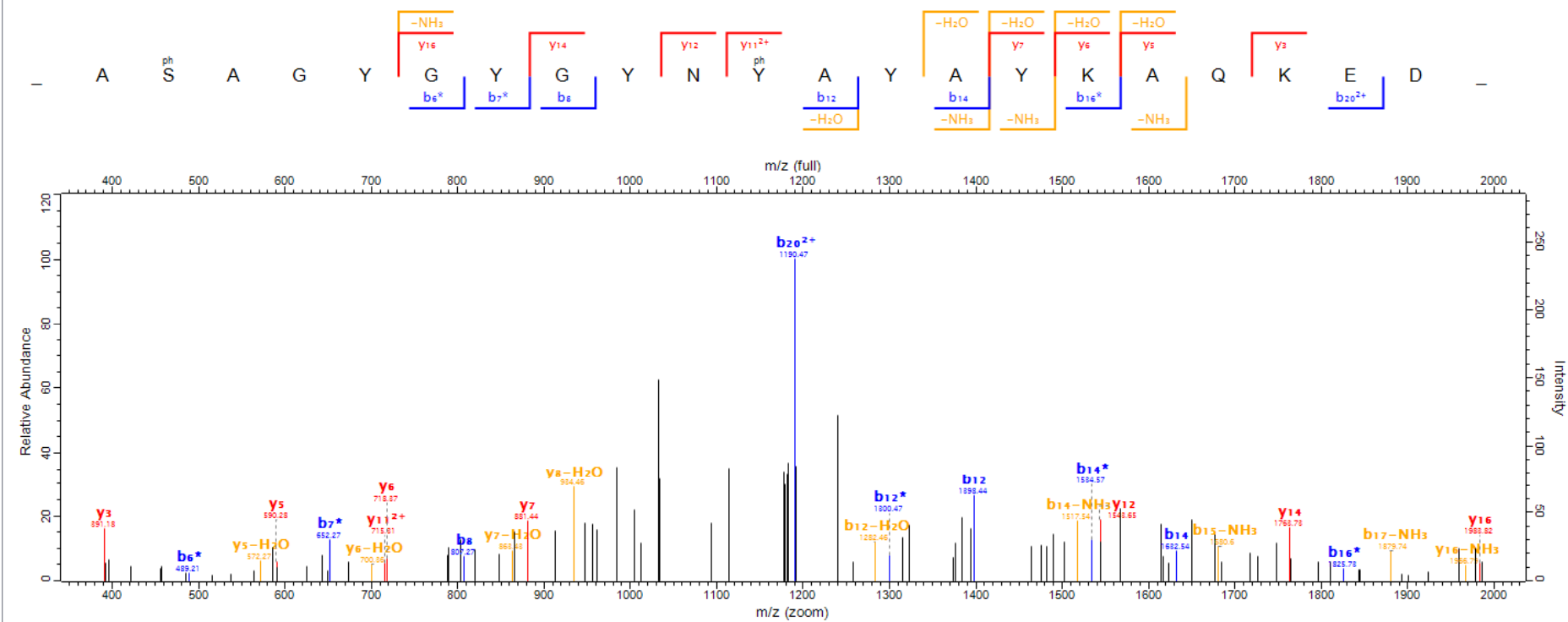


16-5

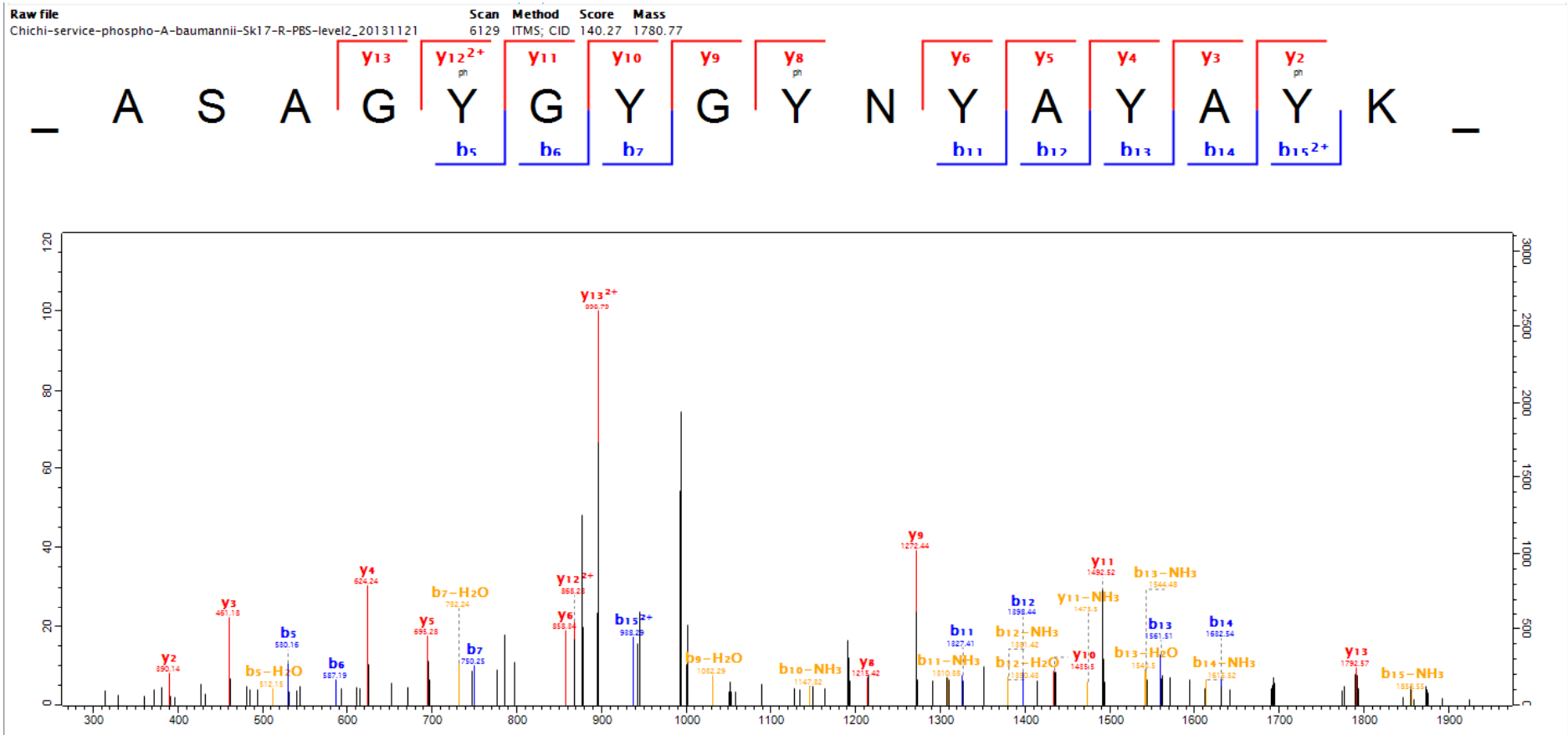


16-6

Scan number 3198 Raw file SK18-R-2
 Method ITMS; CID Pepti... 83.83

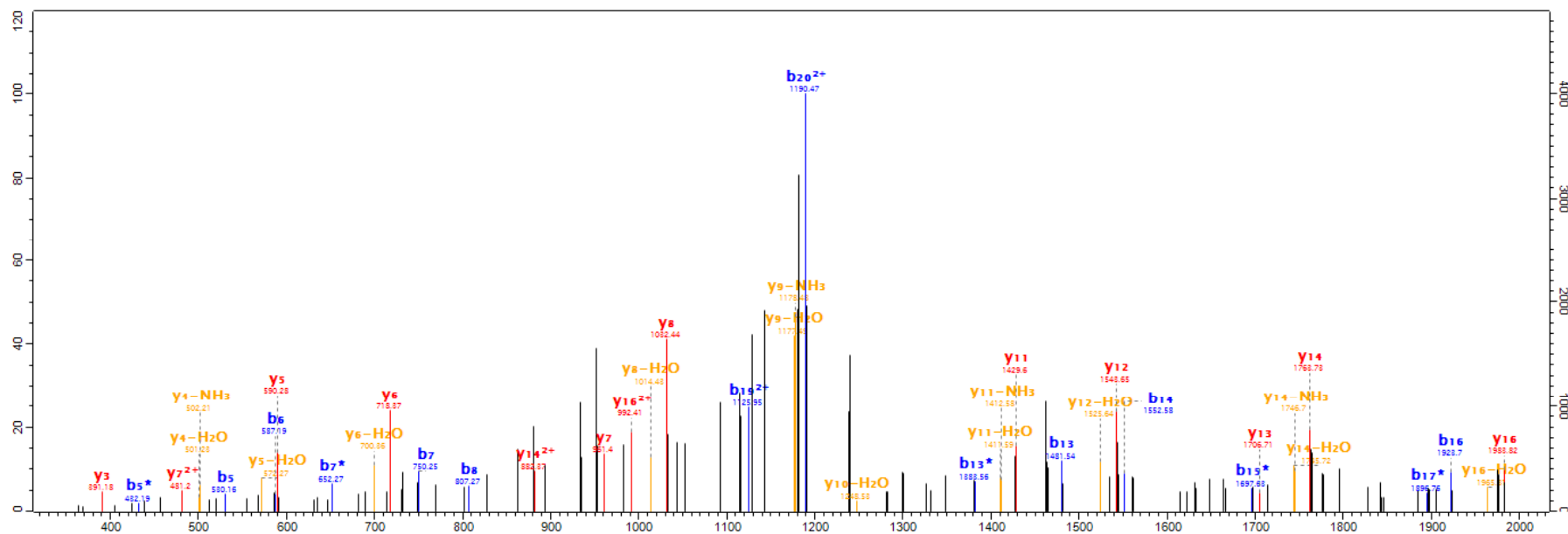
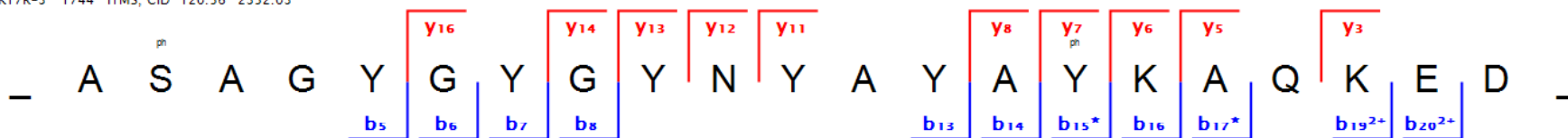


16-7

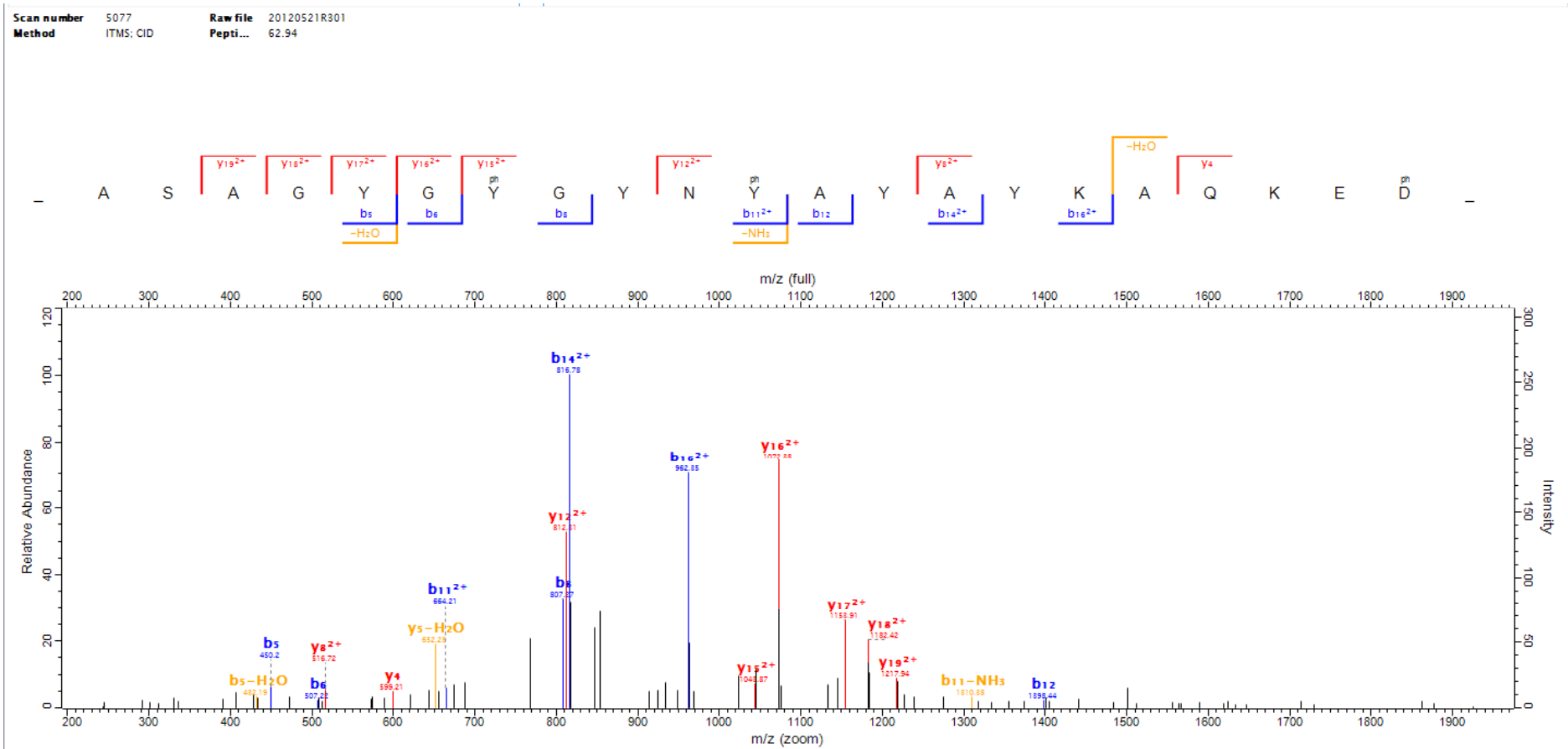


16-8

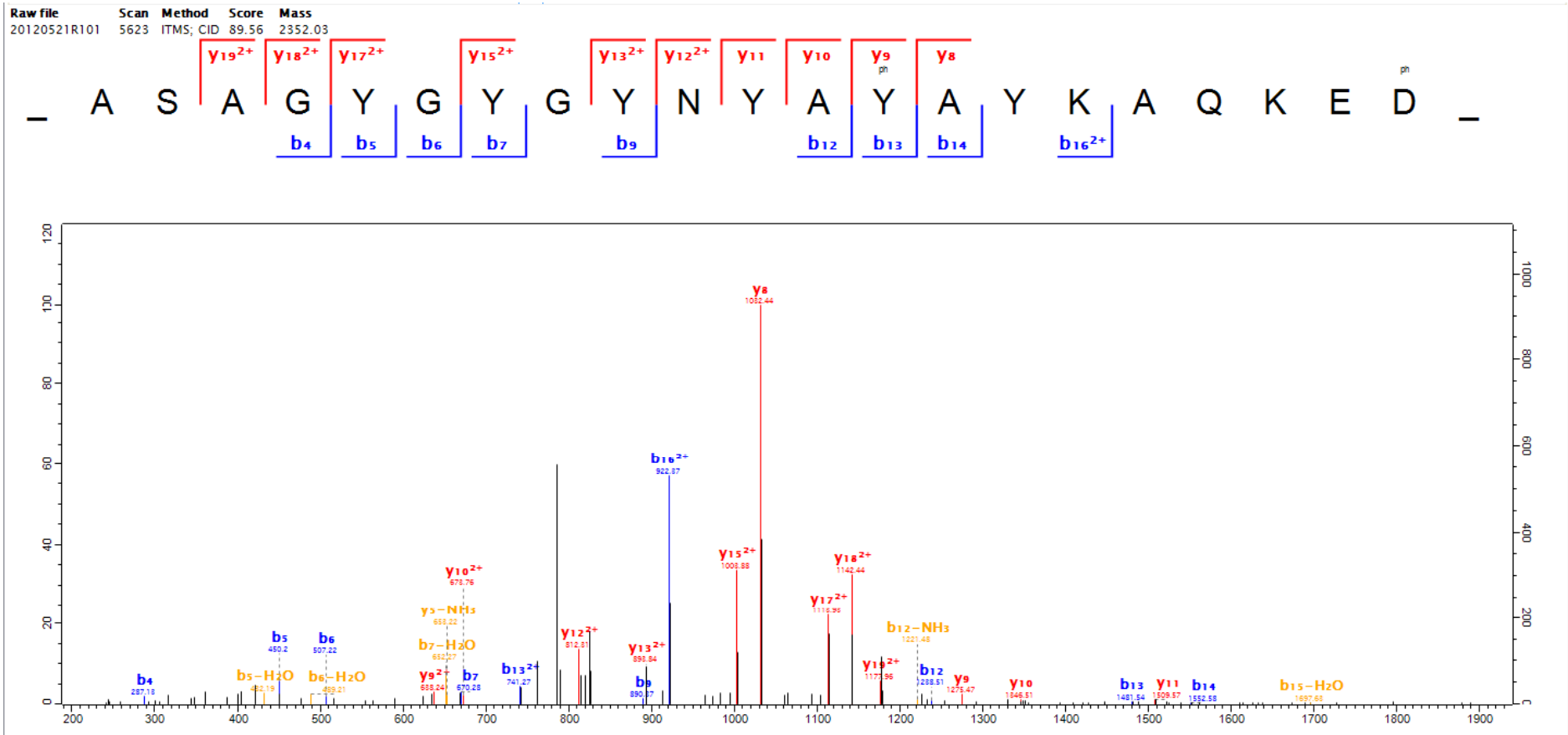
Raw file SK17R-3 Scan Method ITMS; CID 120.56 Score 2352.03 Mass



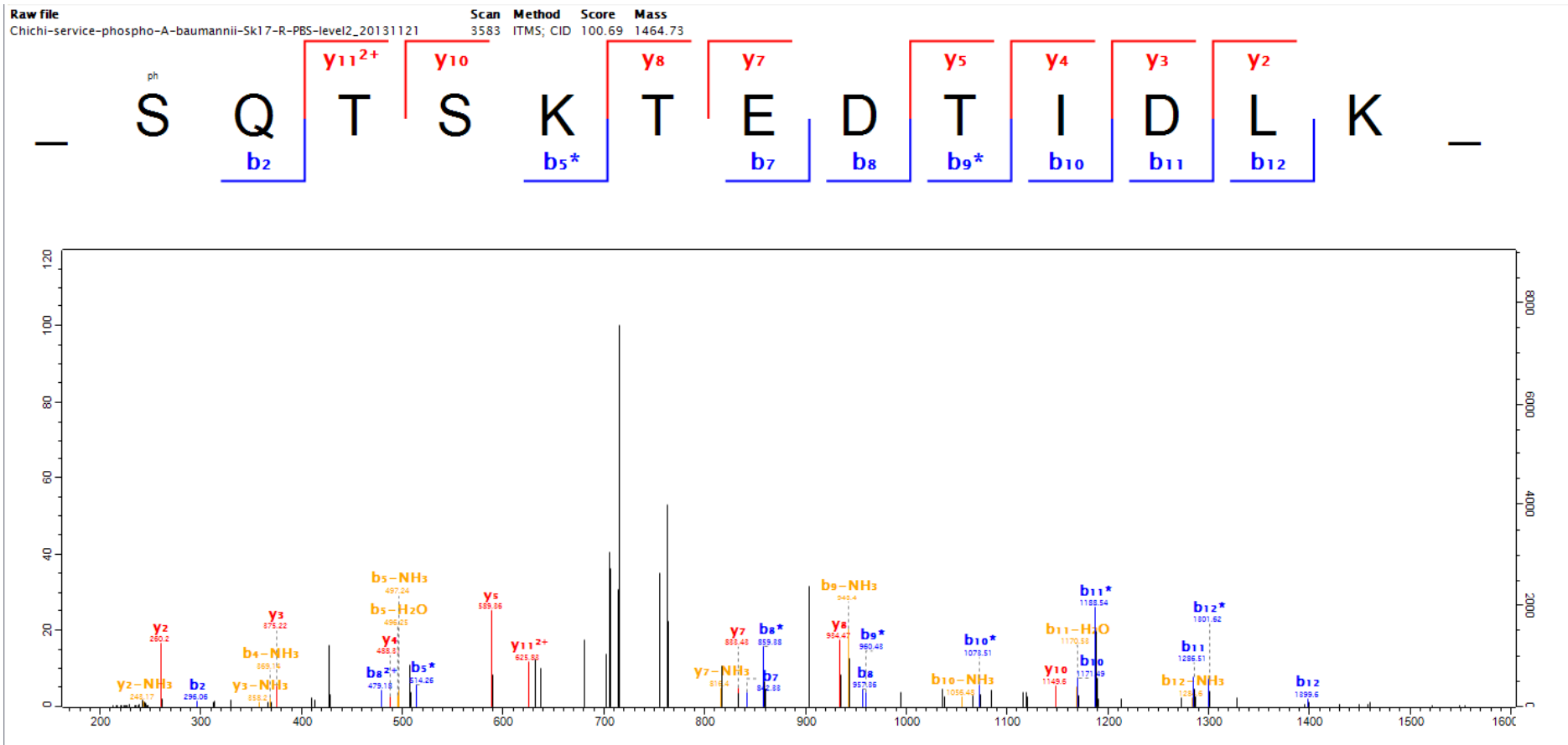
16-9

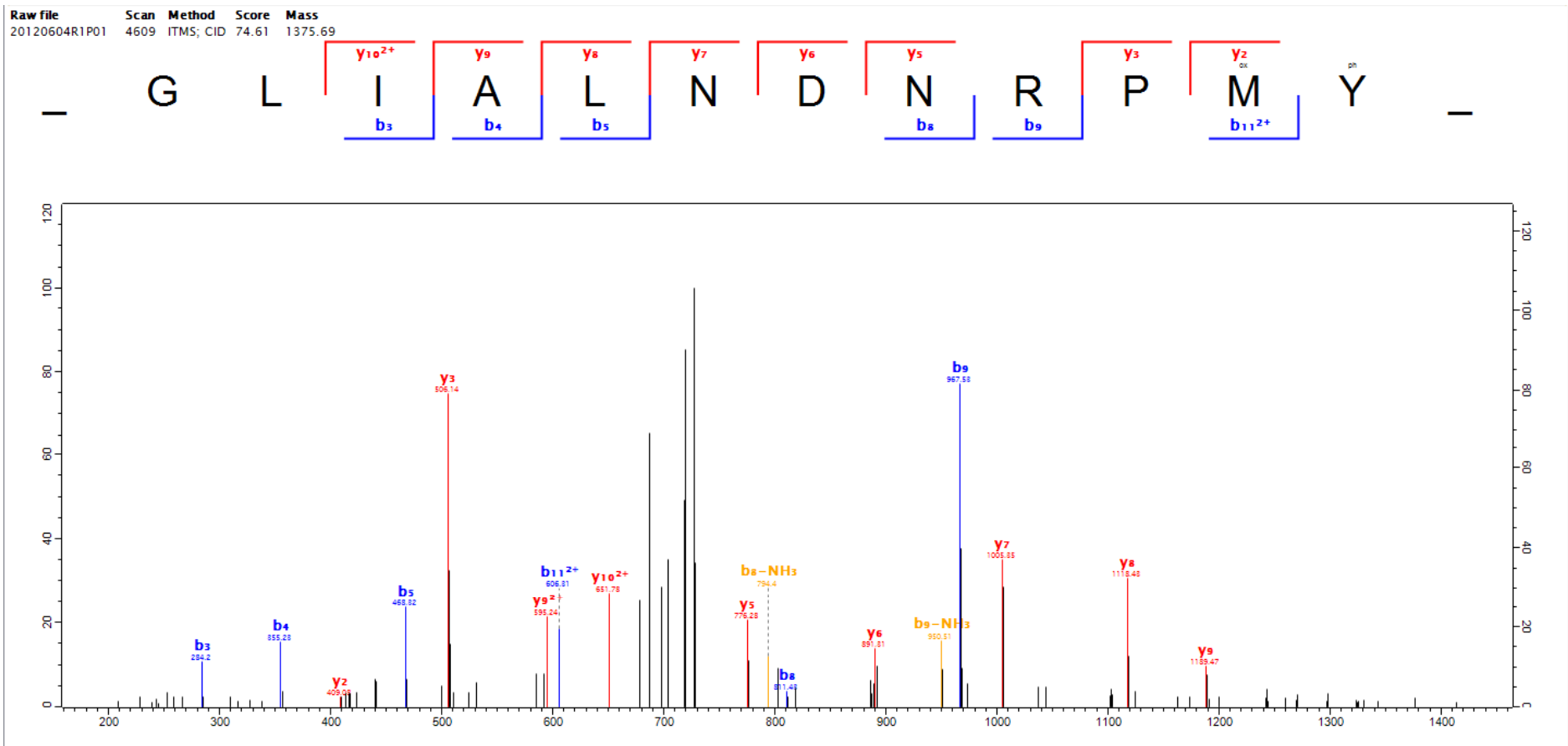


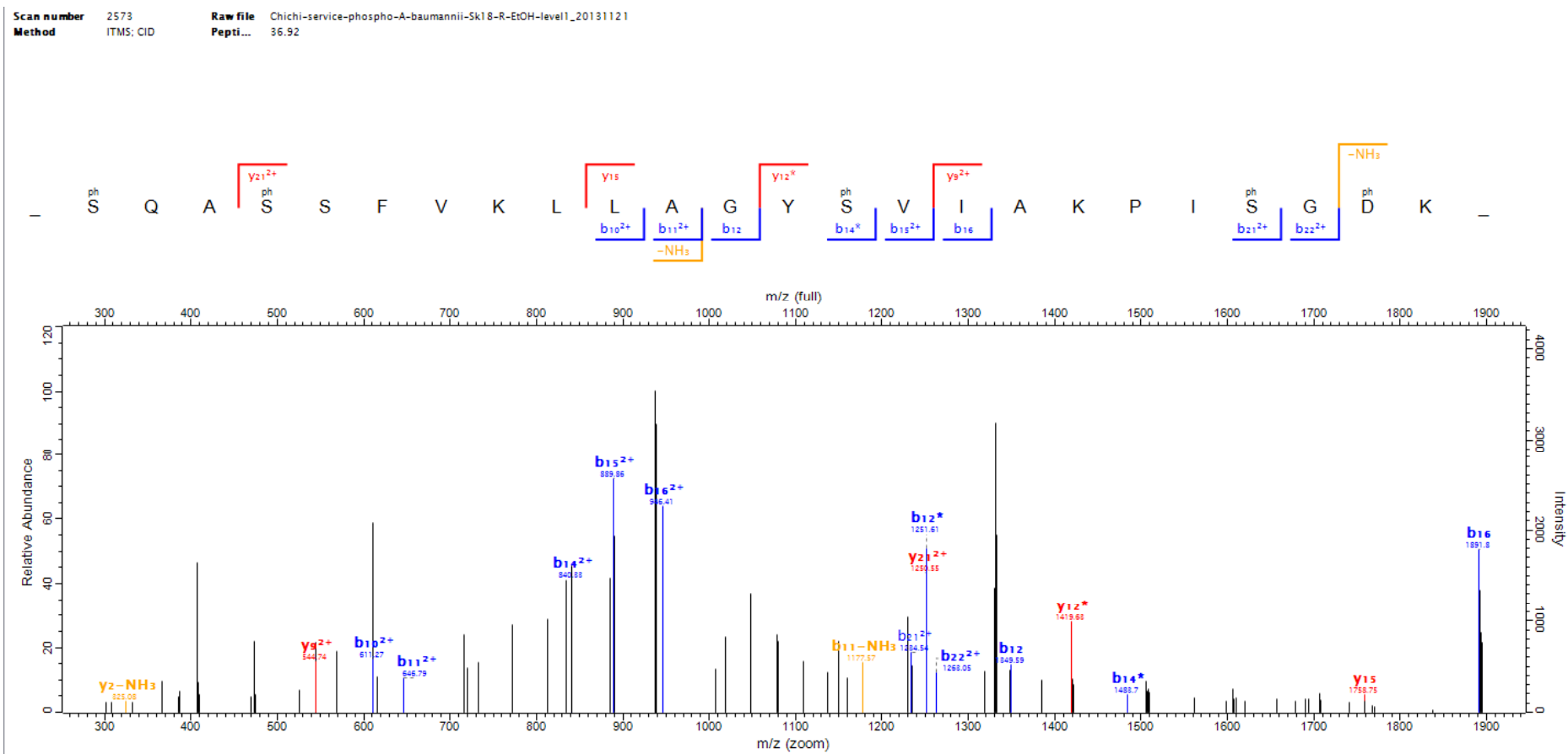
16-10

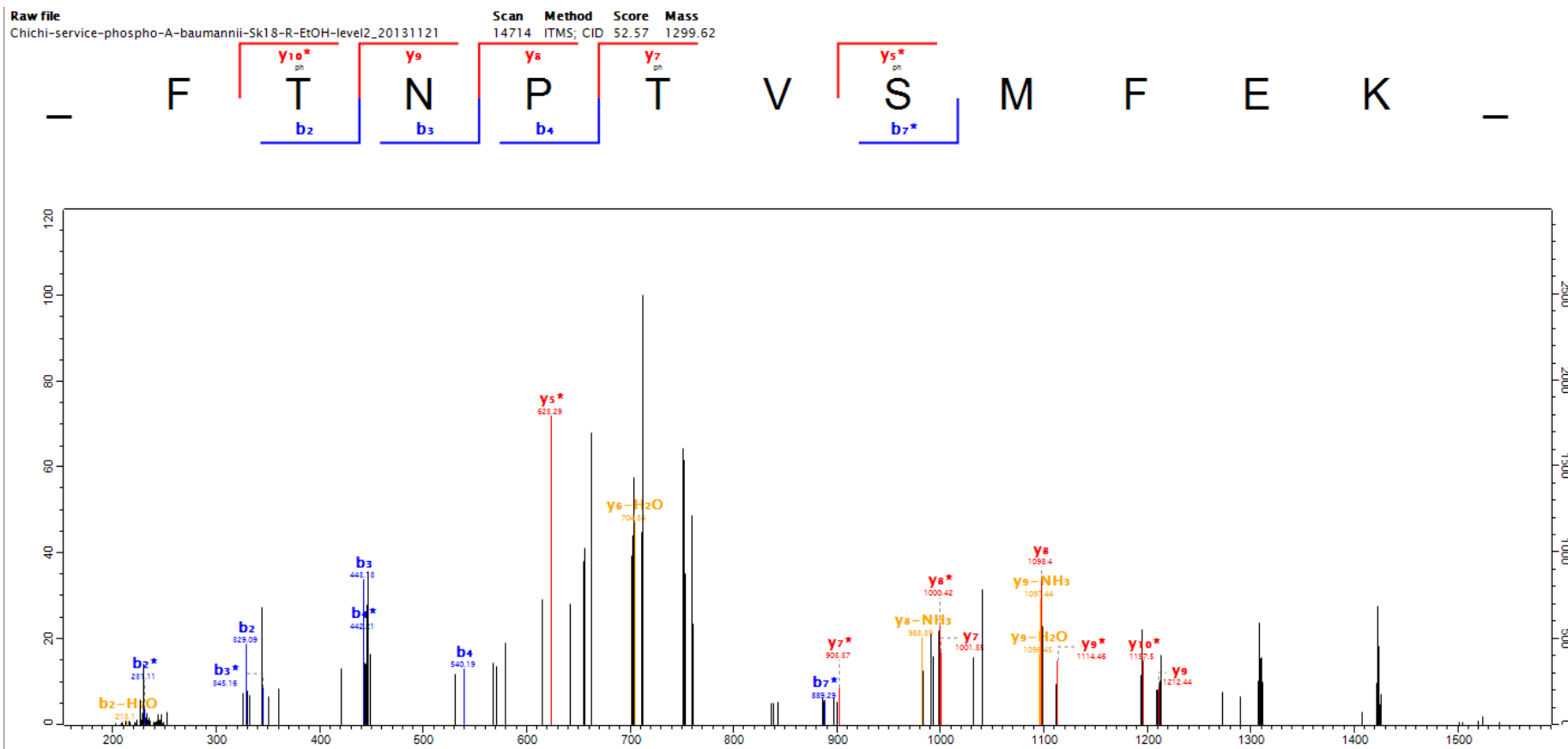


16-11

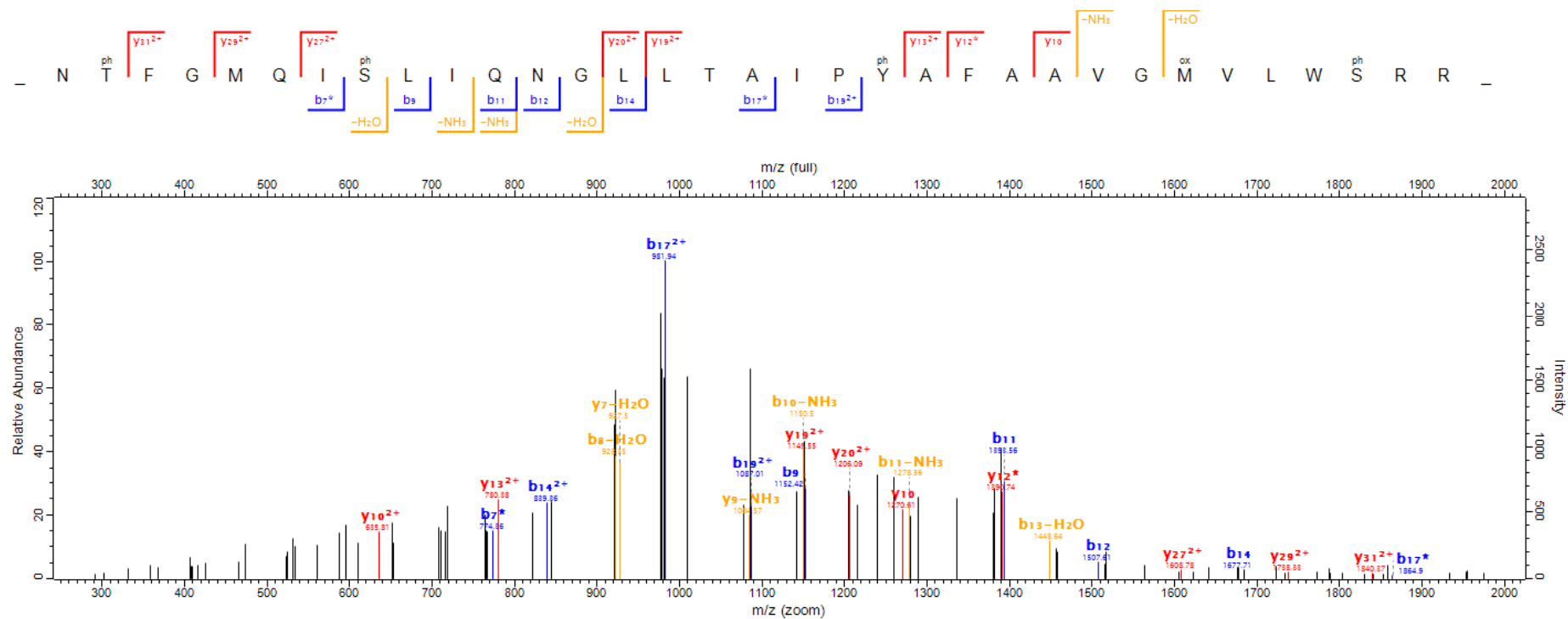


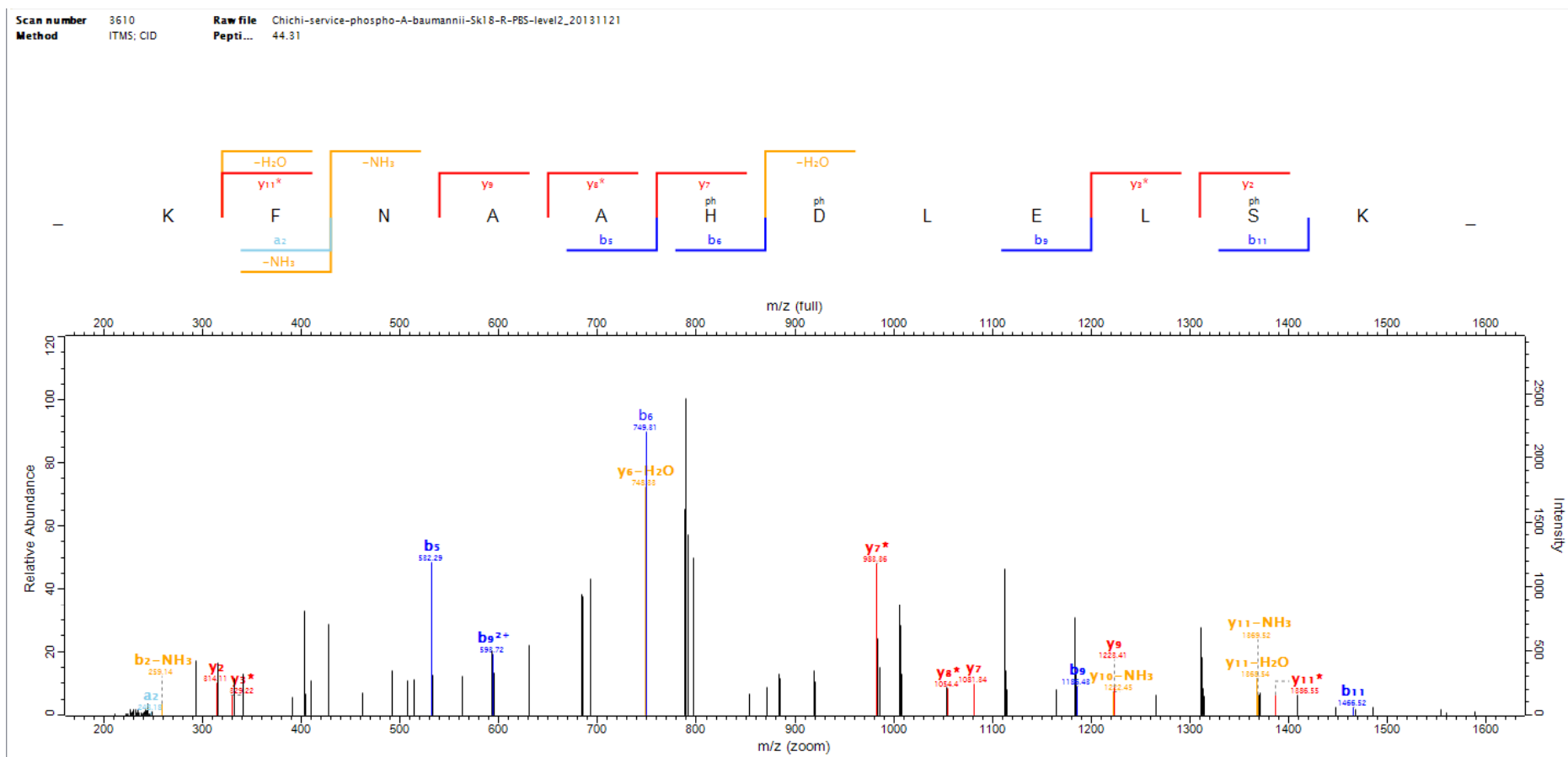




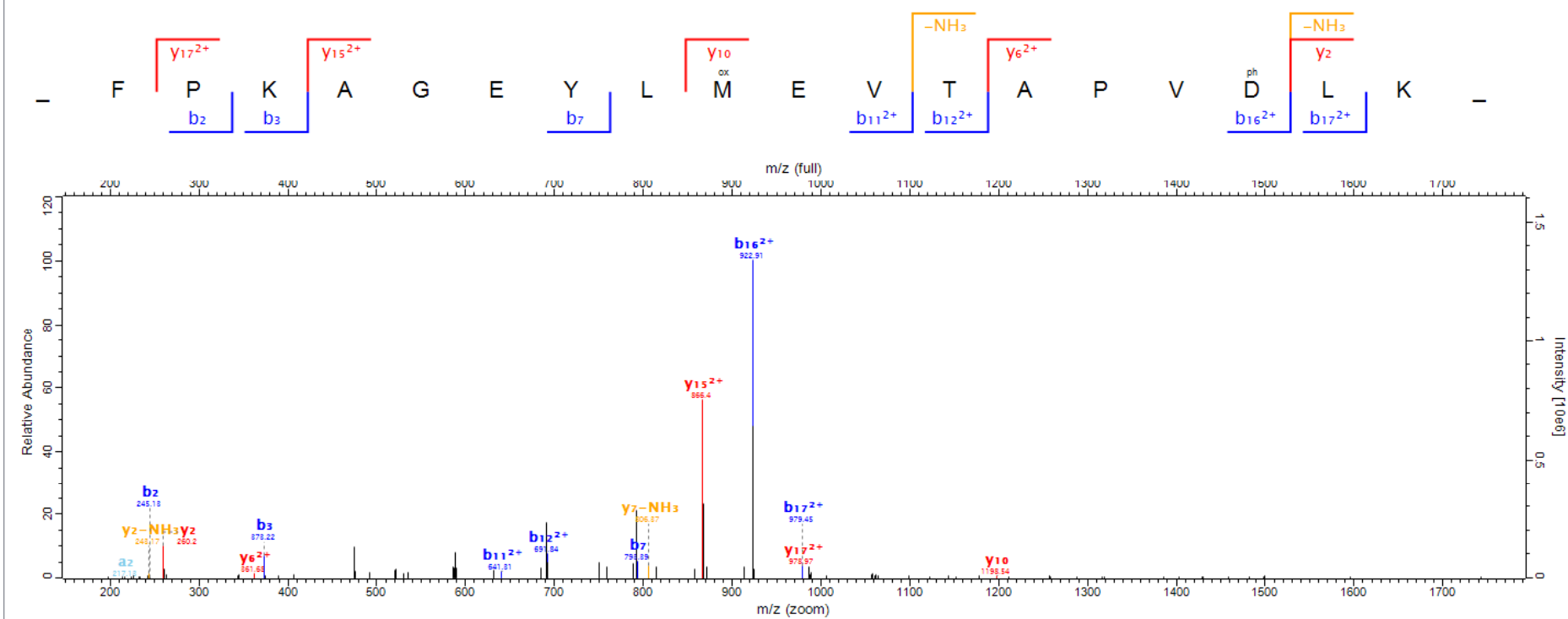


Scan number 1582 Raw file Chichi-service-phospho-A-baumannii-Sk18-R-PBS-level2_20131121
 Method ITMS: CID Pepti... 32.68

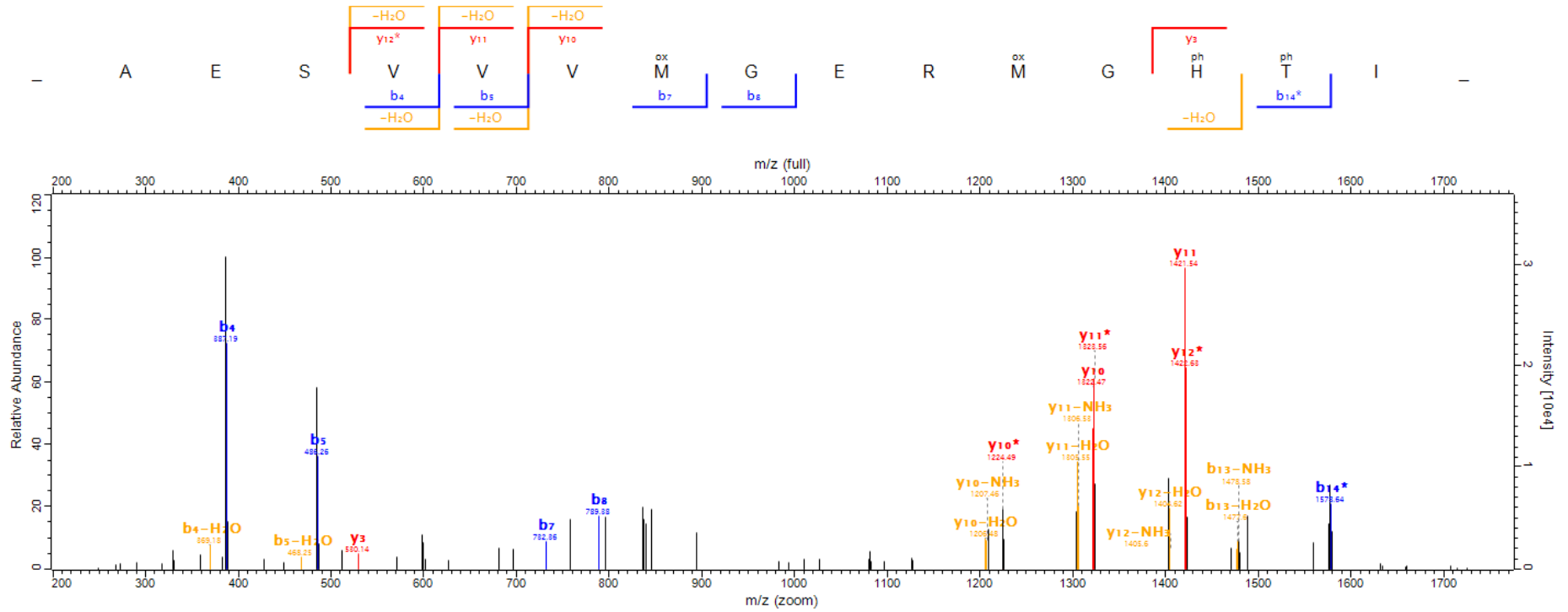


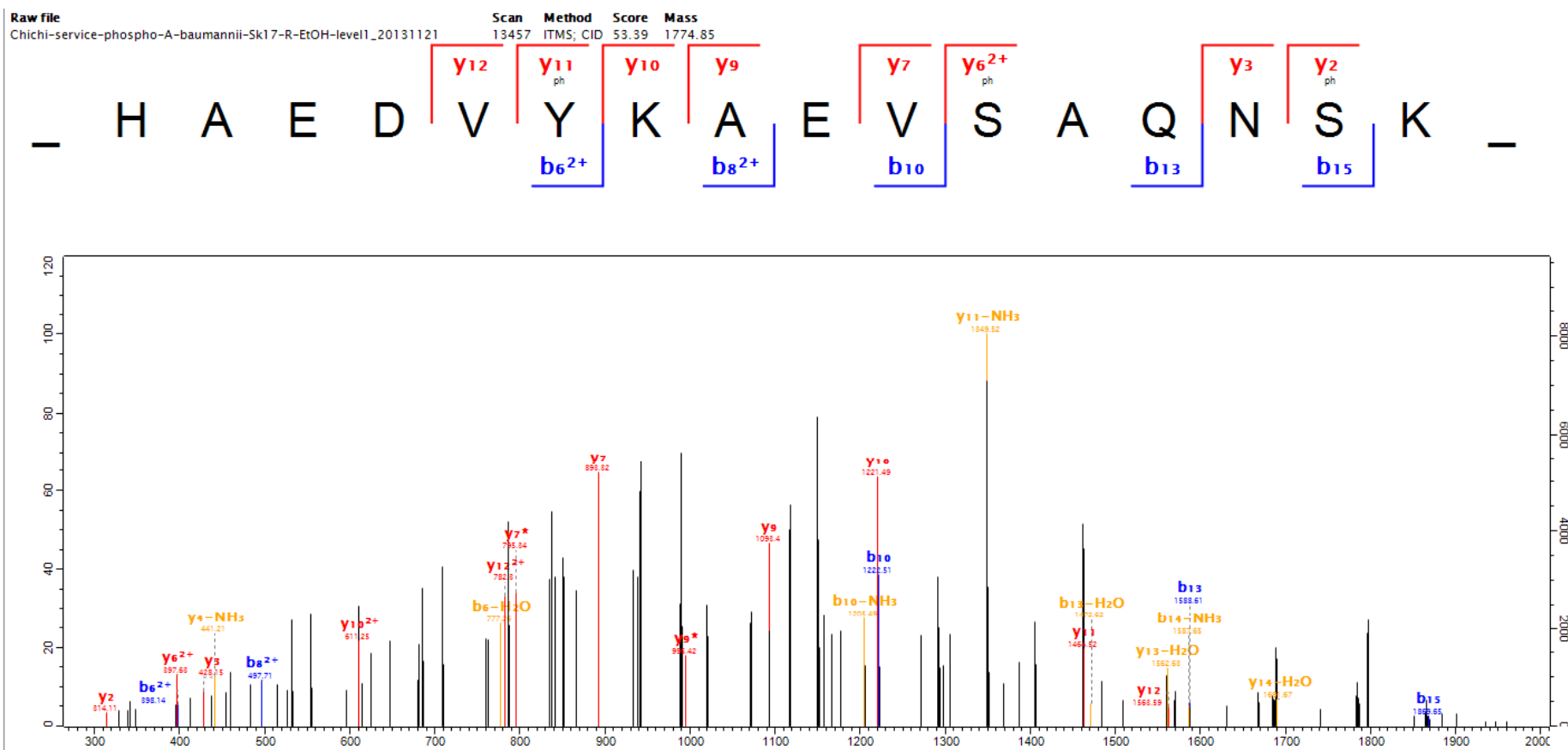


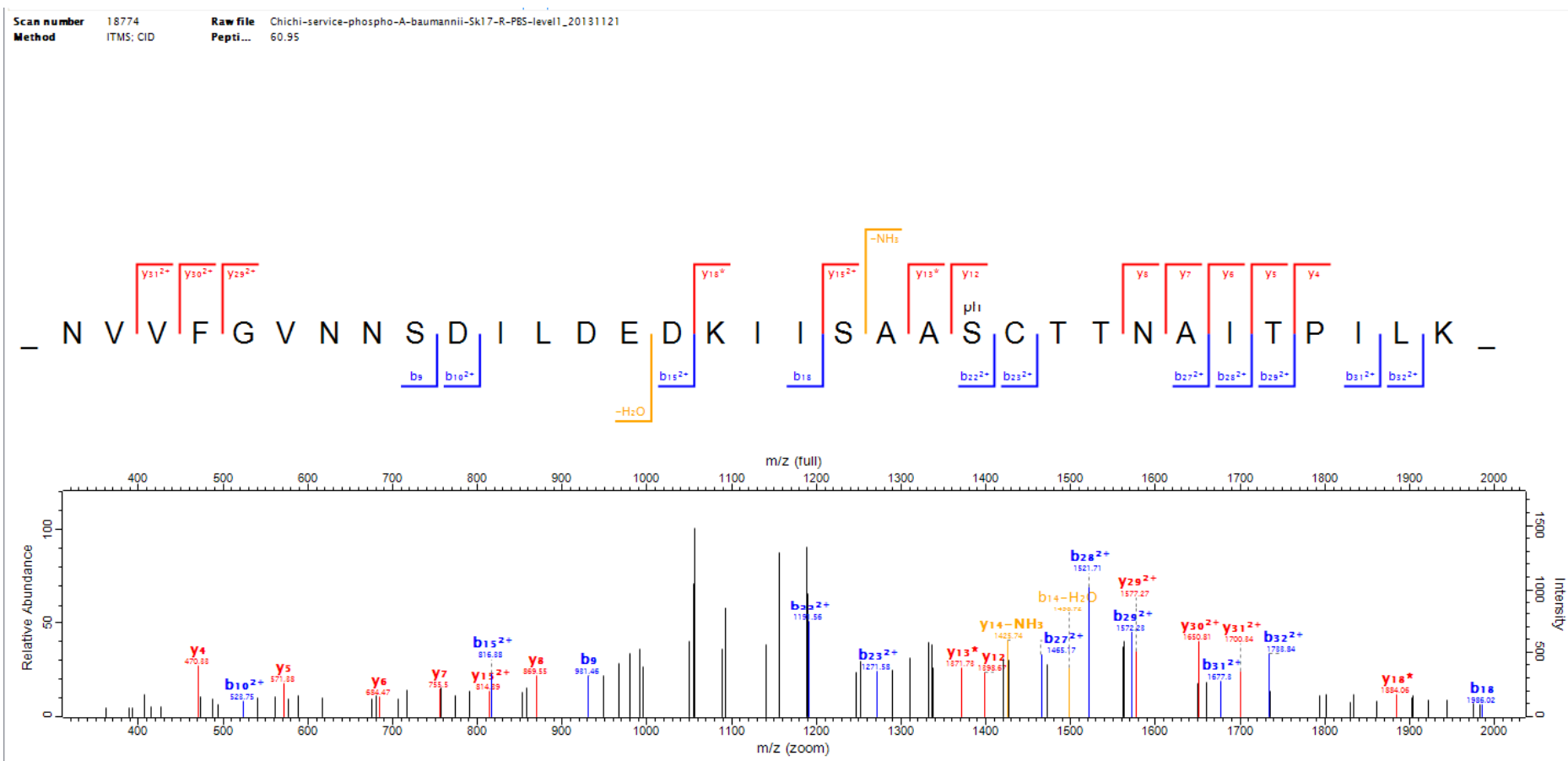
Scan number 11402 Raw file Chichi-service-phospho-A-baumannii-Sk17-R-PBS-level1_20131121
 Method ITMS: CID Pepti... 62.38

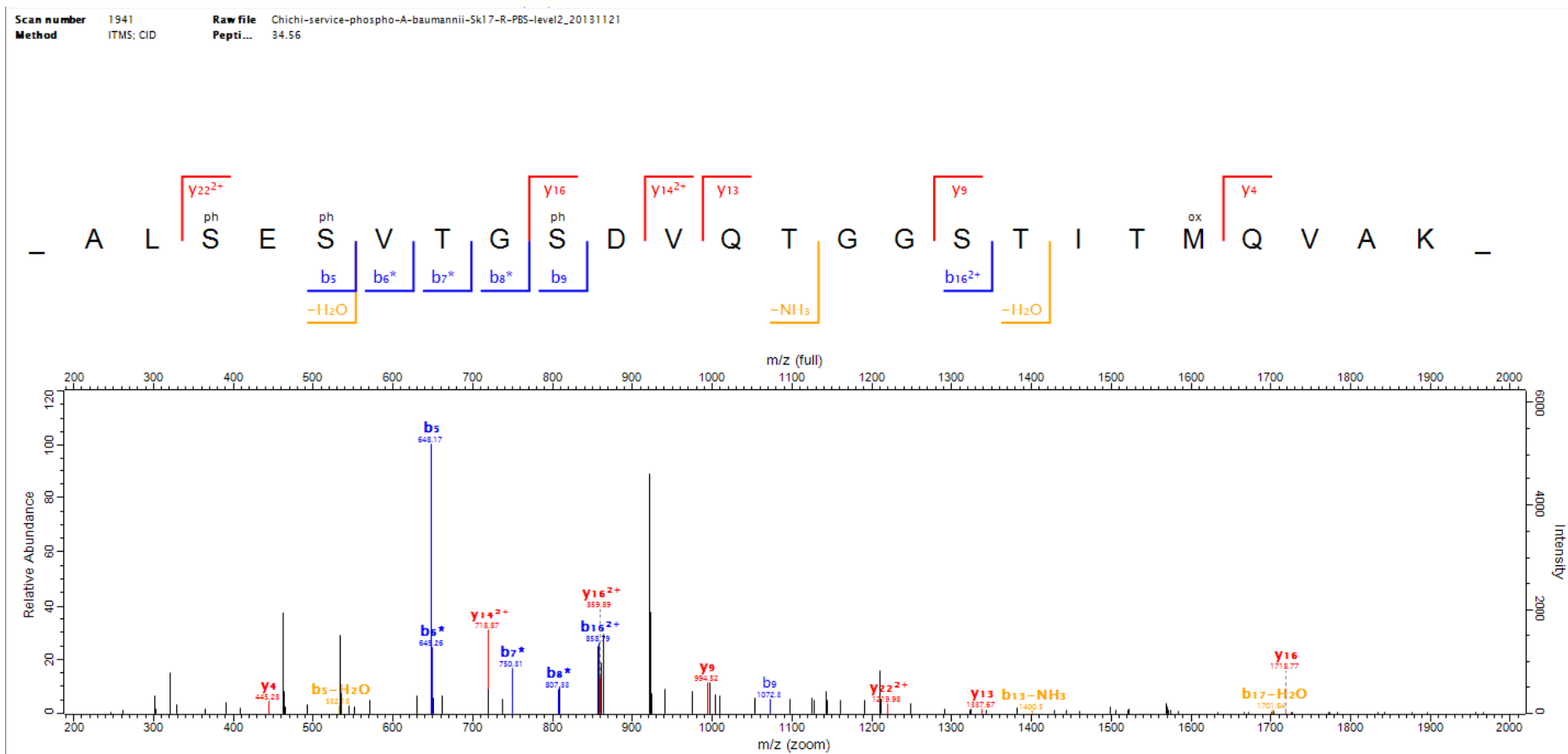


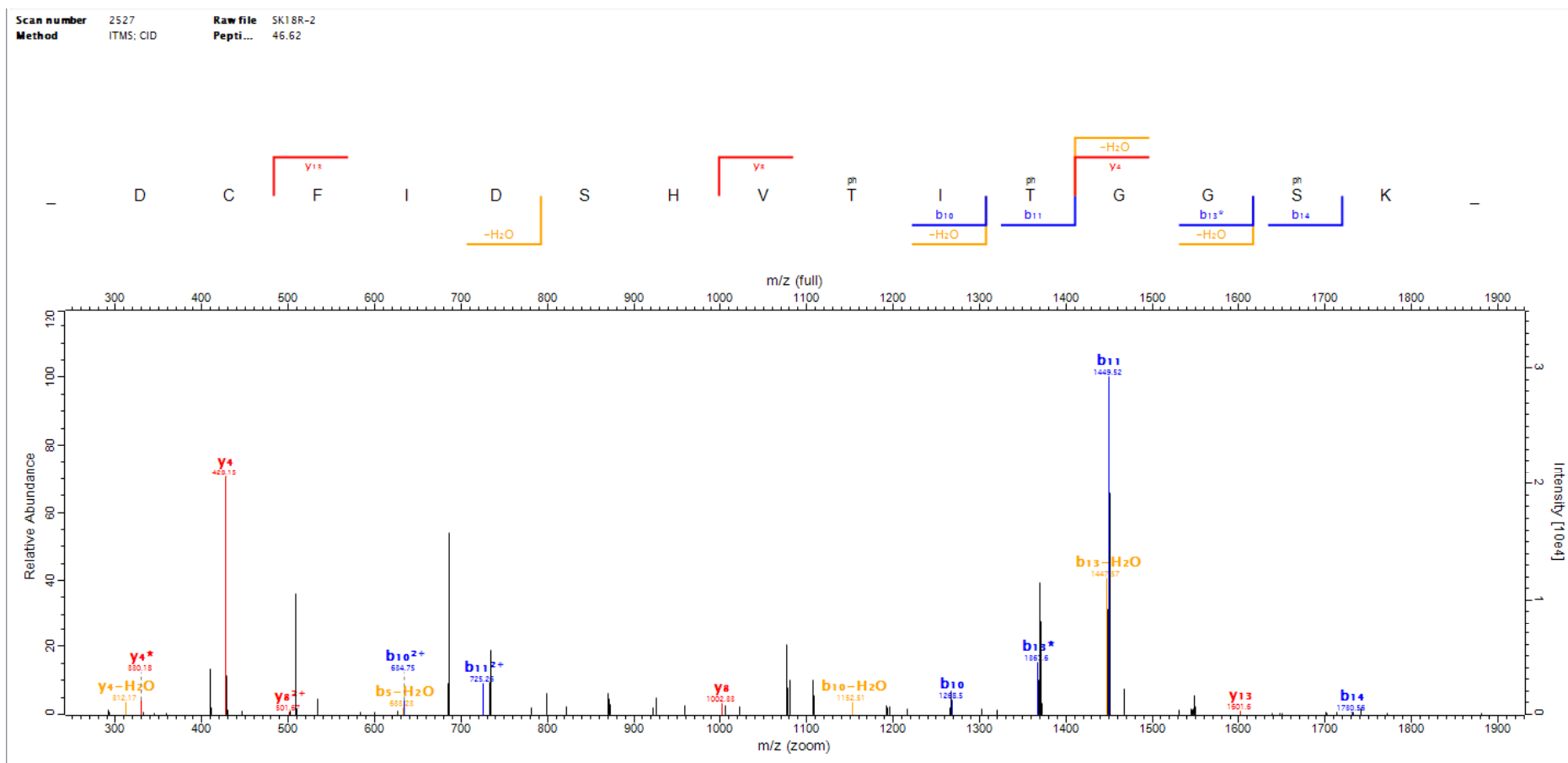
Scan number 6358 Raw file Chichi-service-phospho-A-baumannii-Sk17-R-EtOH-level2_20131121
 Method ITMS: CID Pepti... 92.8

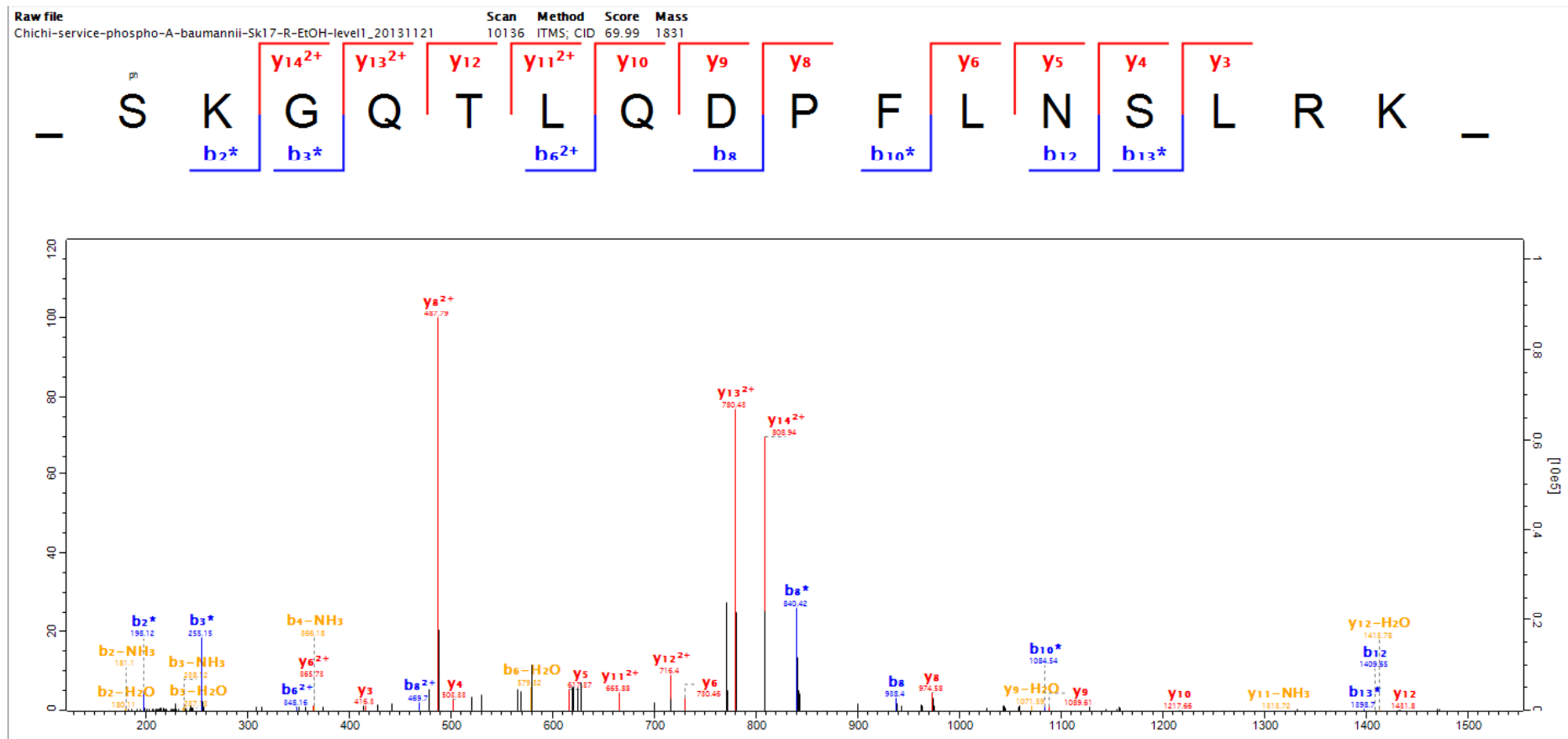




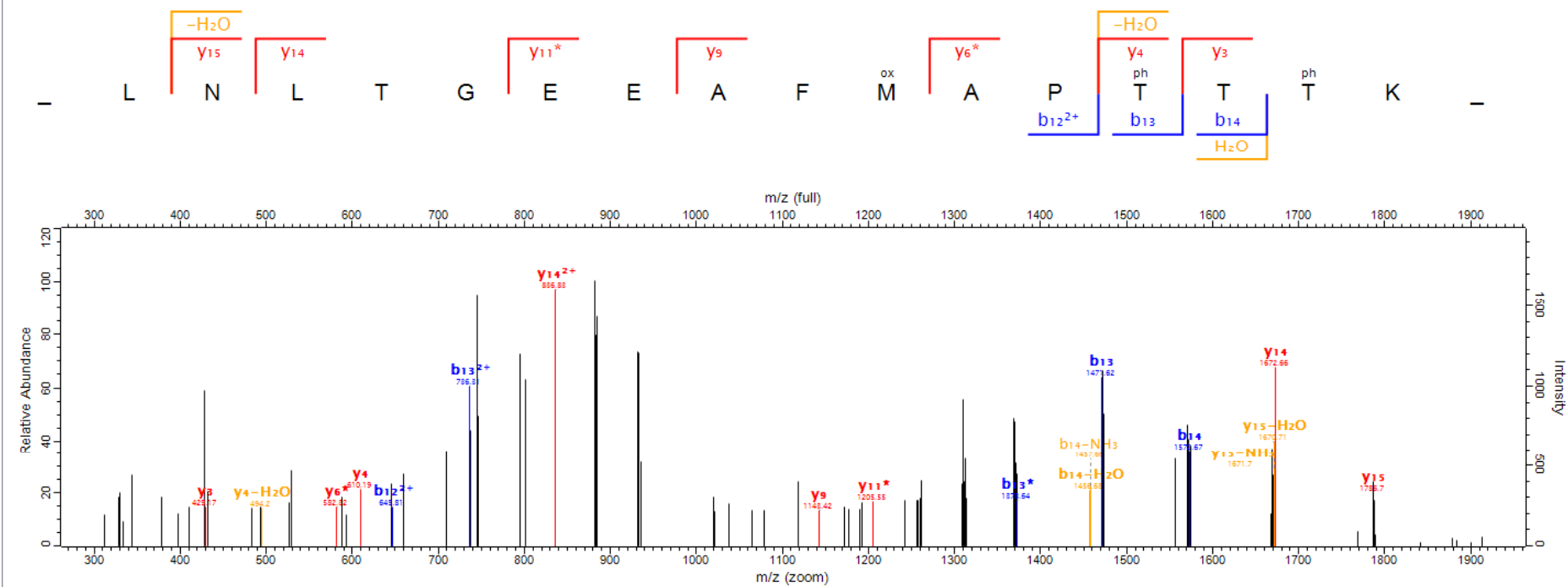


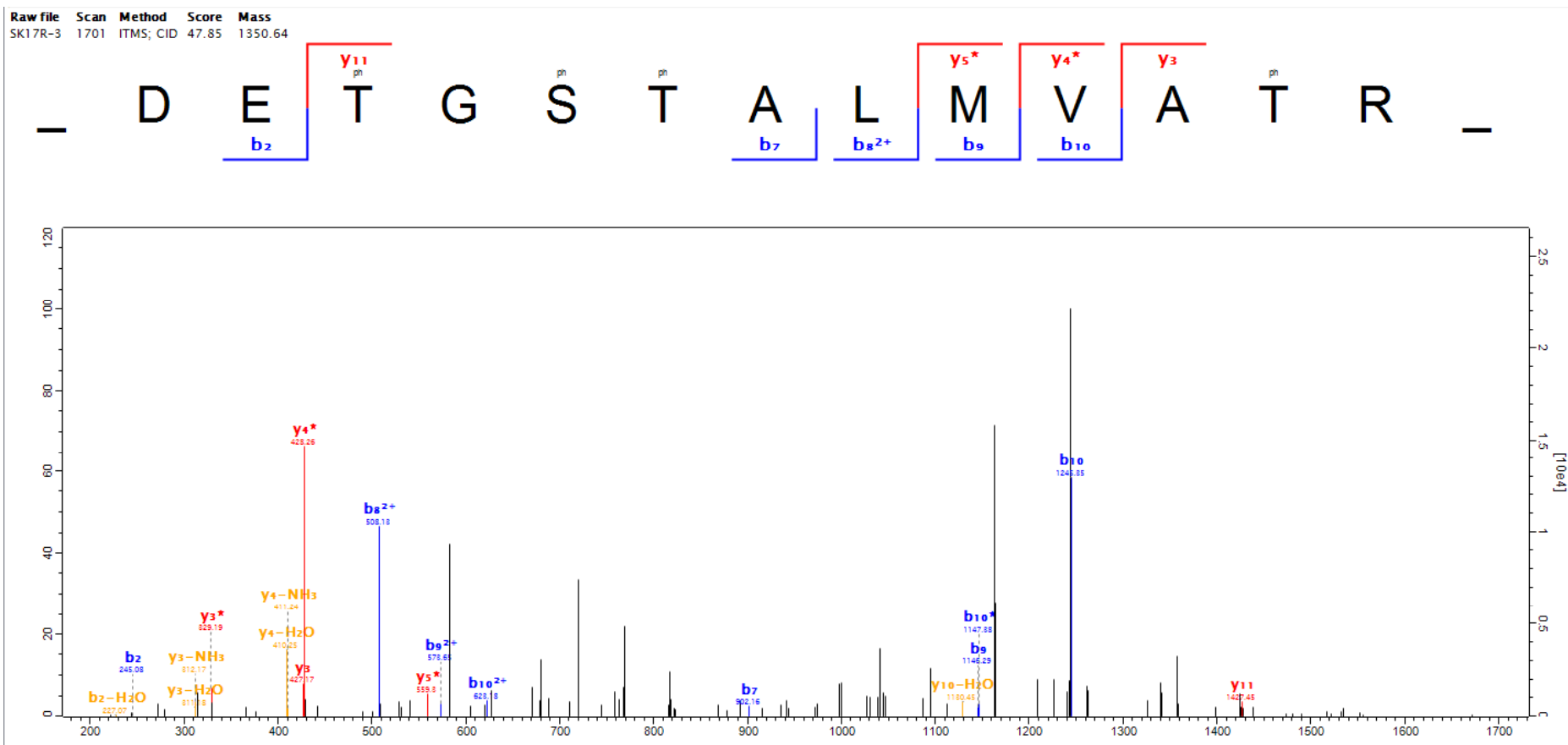


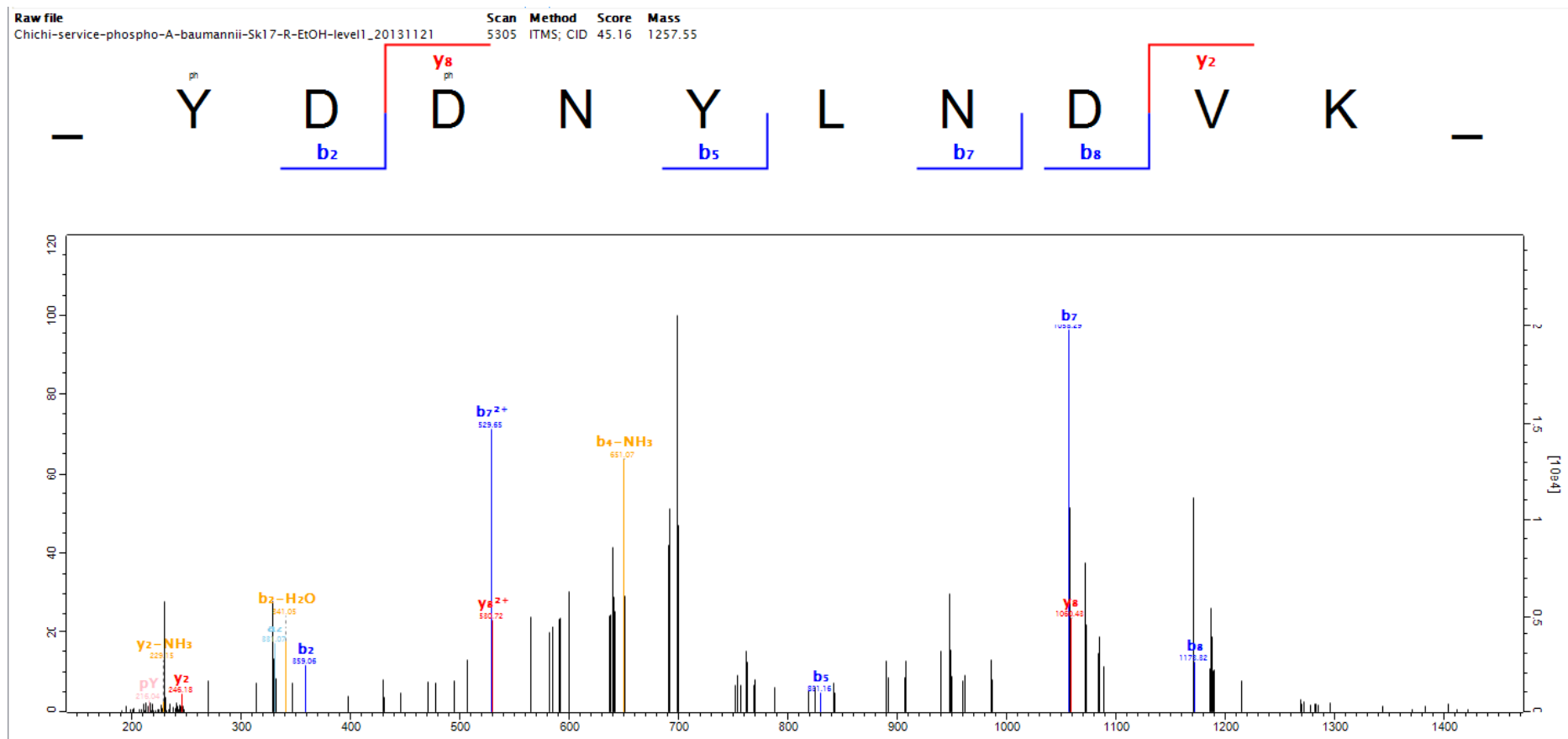


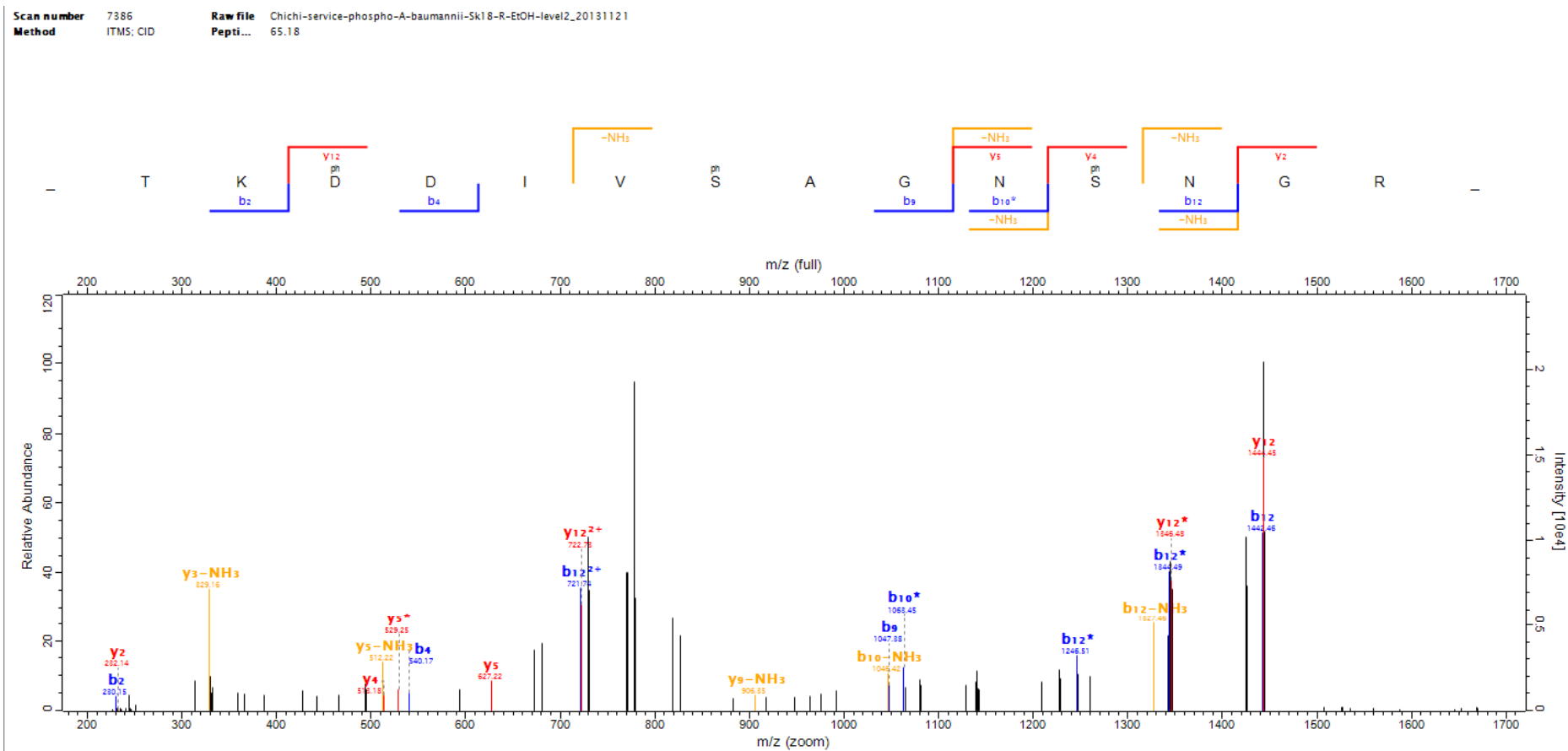


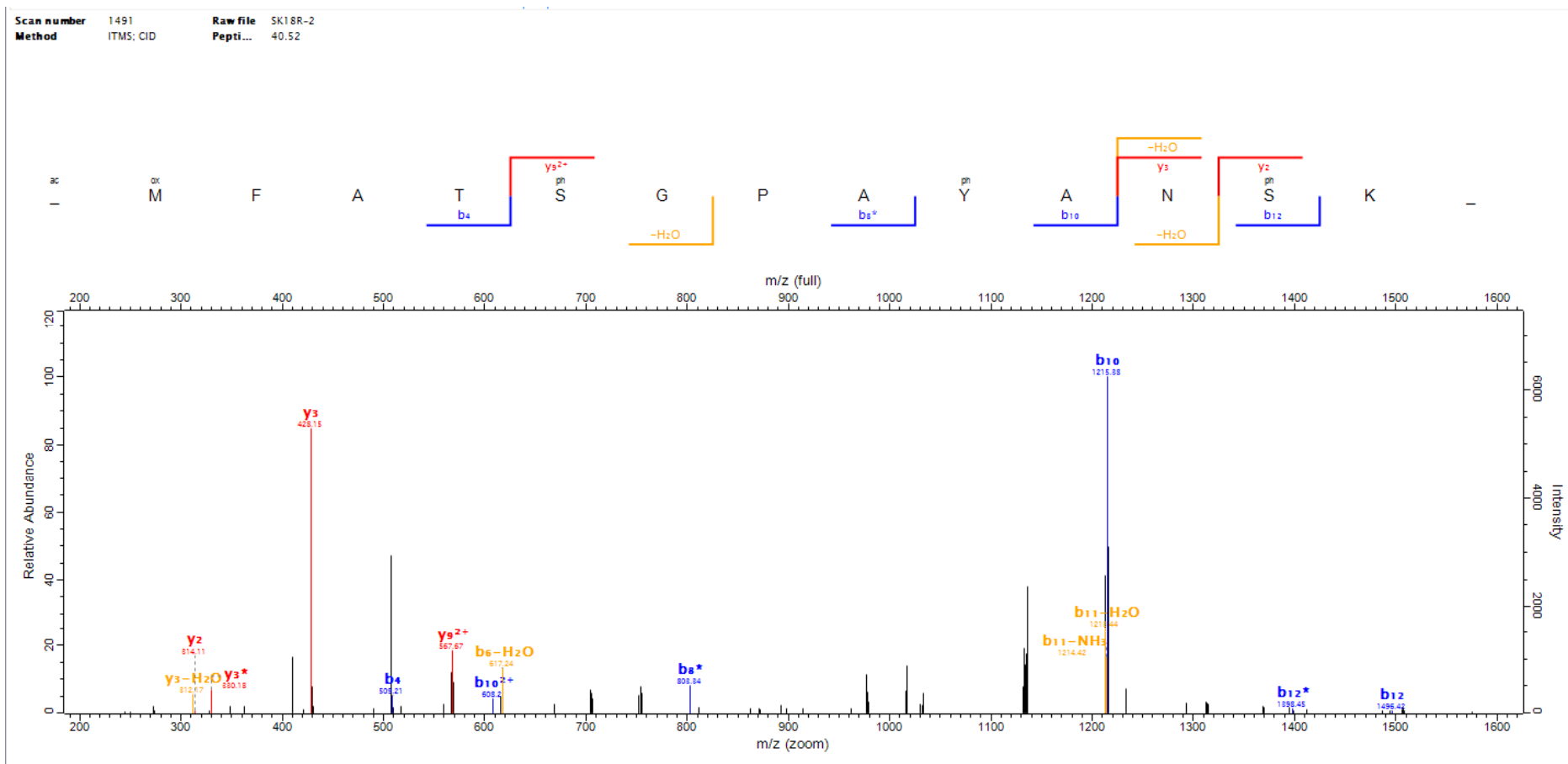
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 Method ITMS: CID Pepti... 46.89



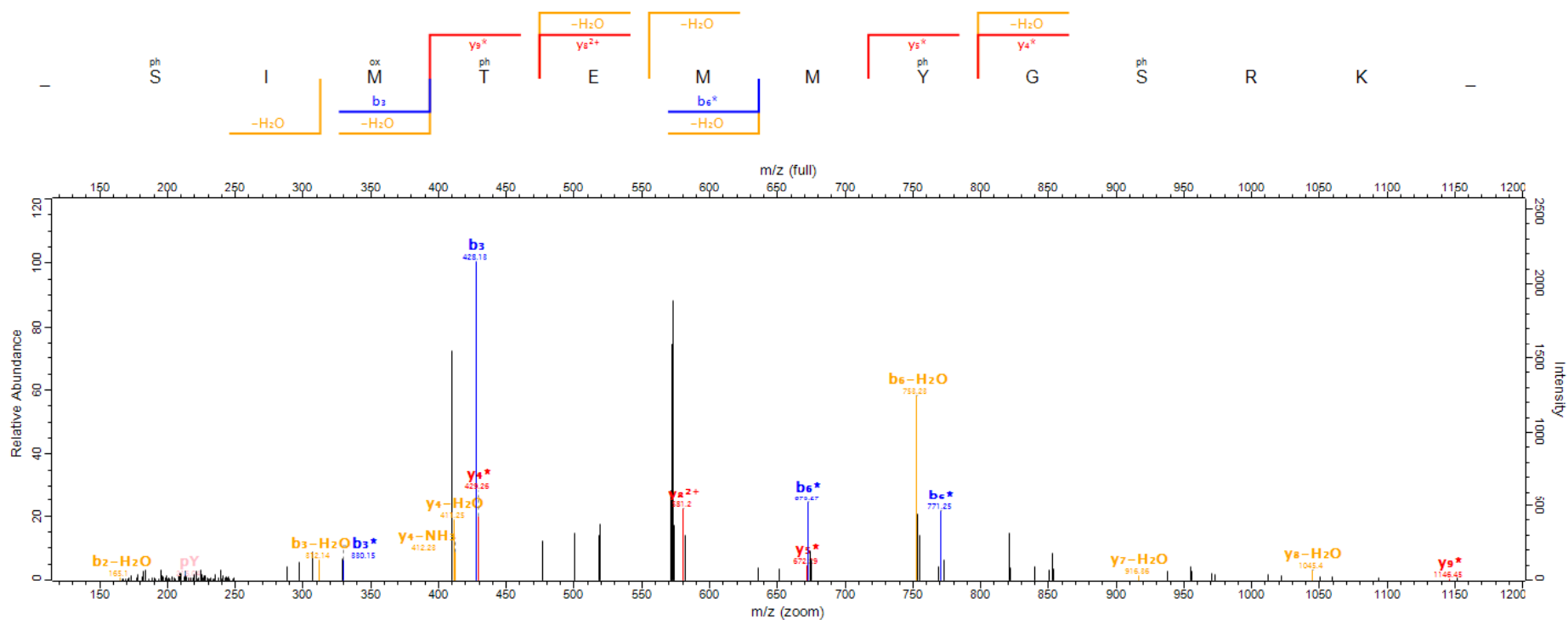


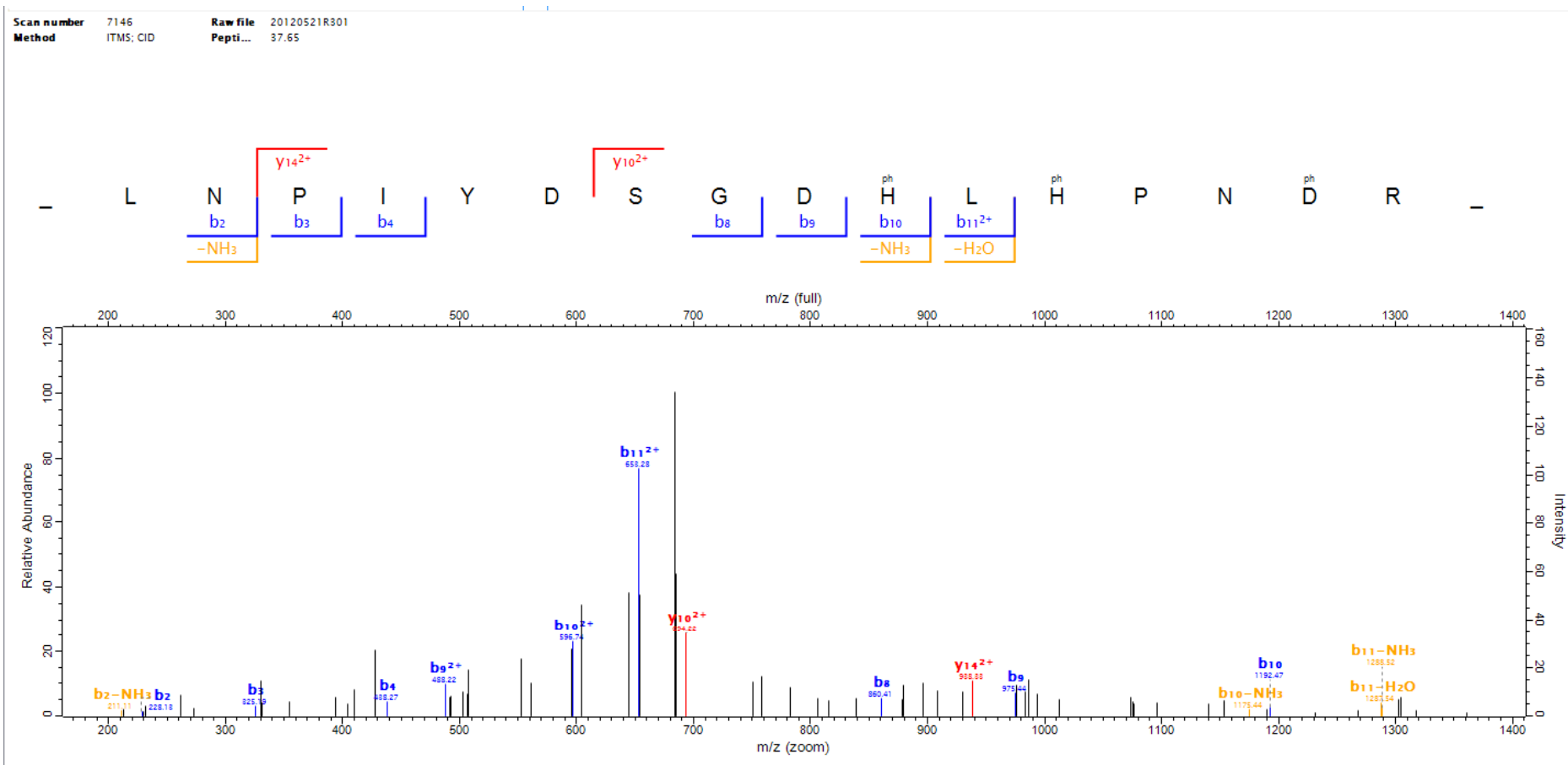




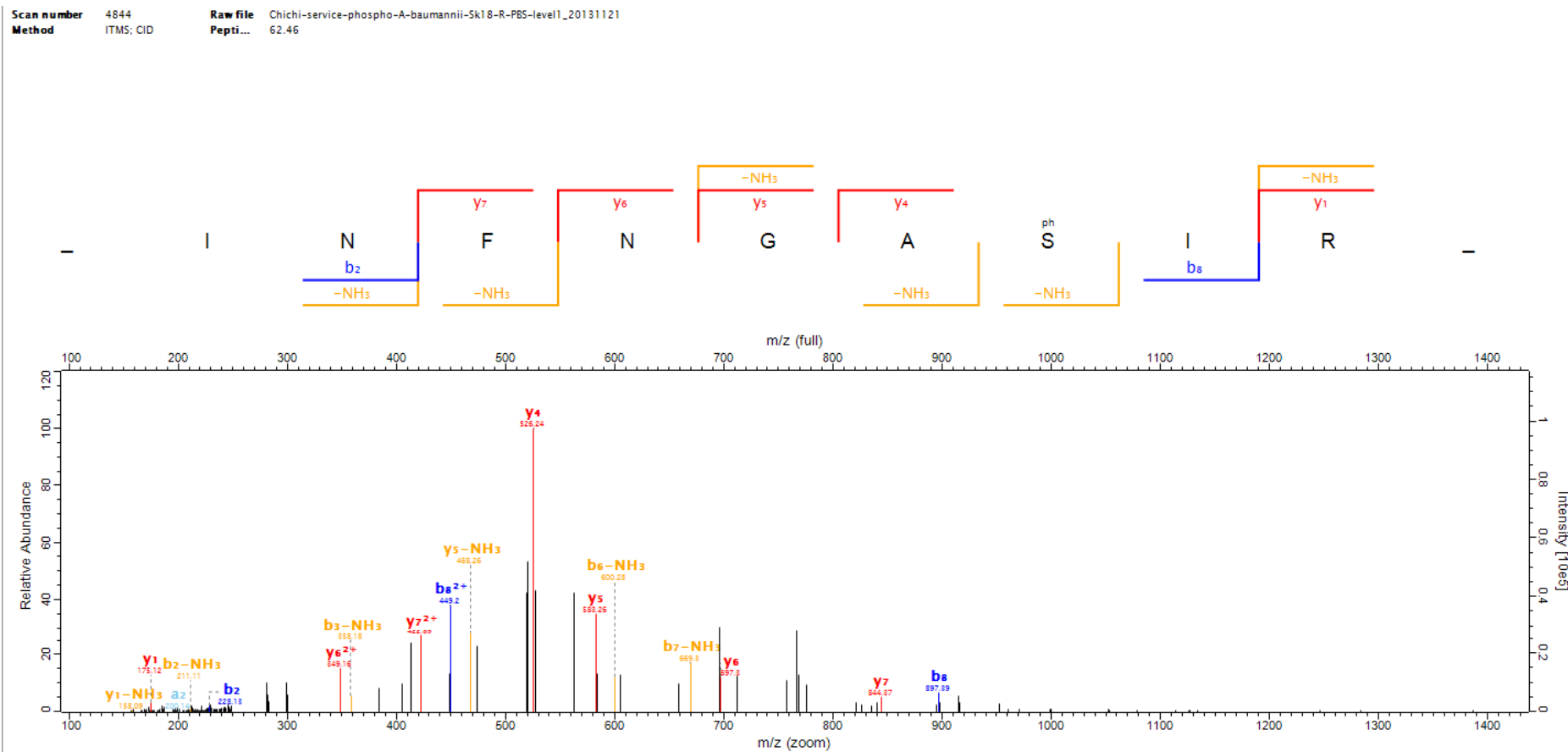


Scan number 14371 Raw file Chichi-service-phospho-A-baumannii-Sk18-R-PBS-level2_20131121
 Method ITMS: CID Pepti... 45

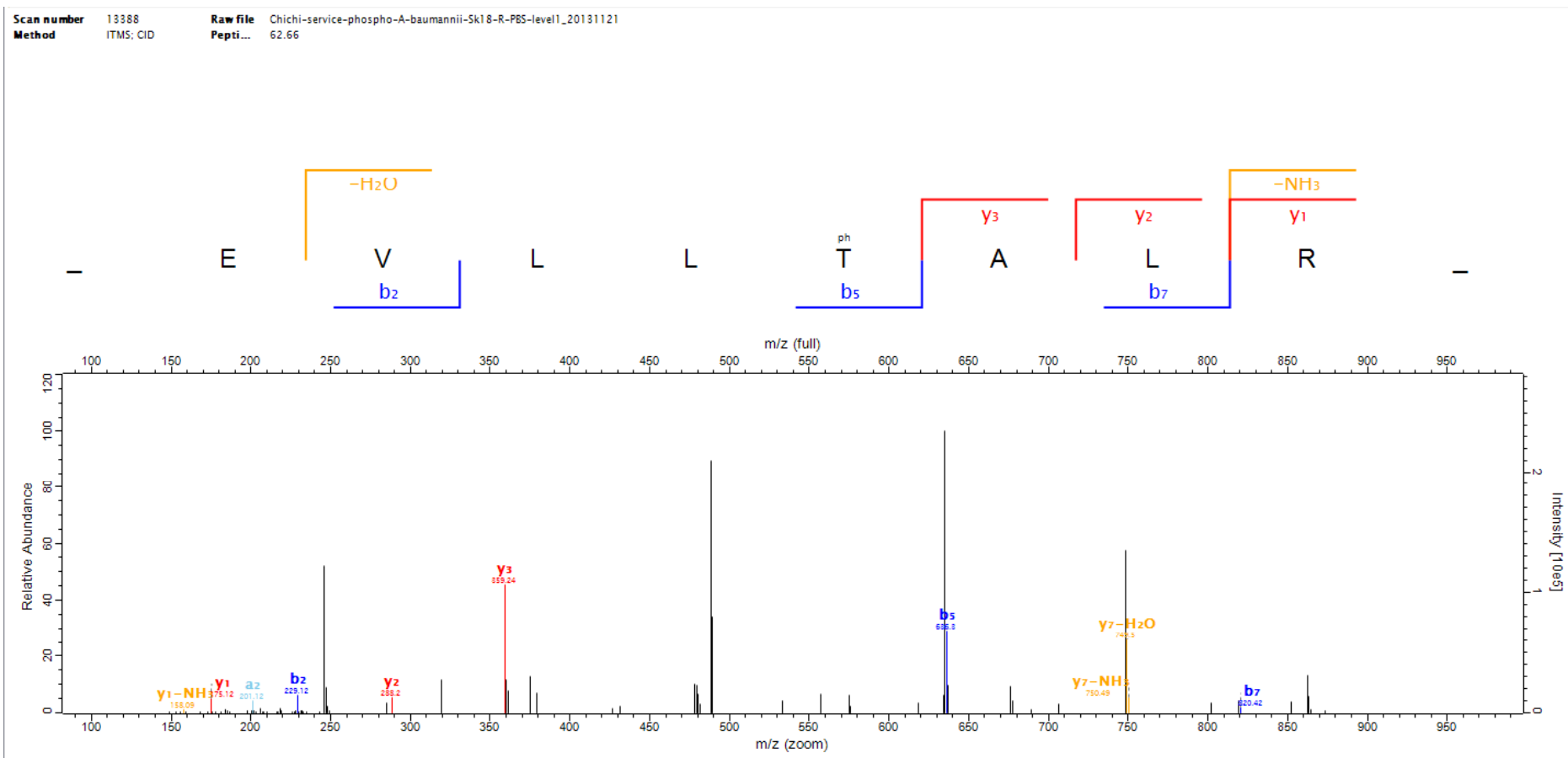


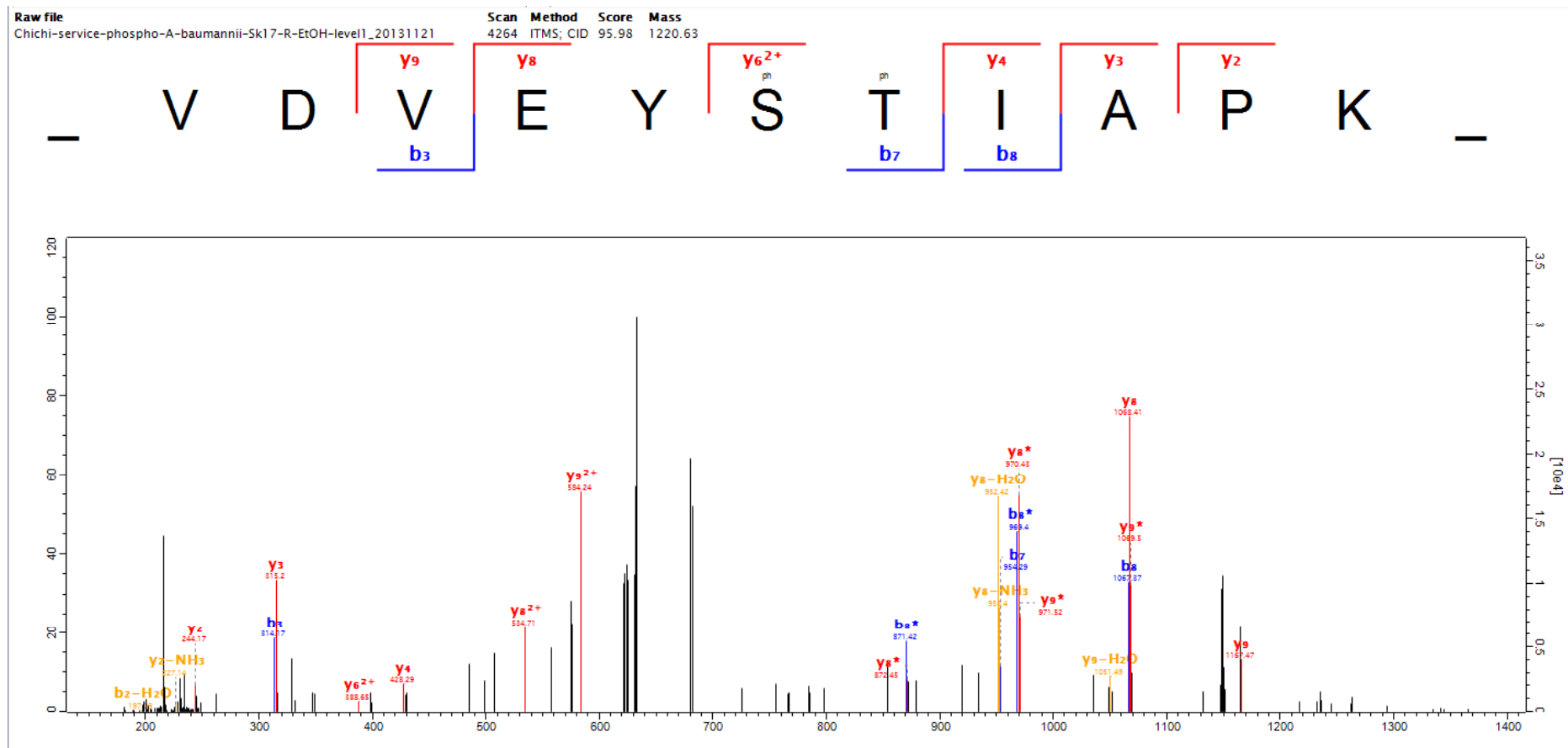


36-1

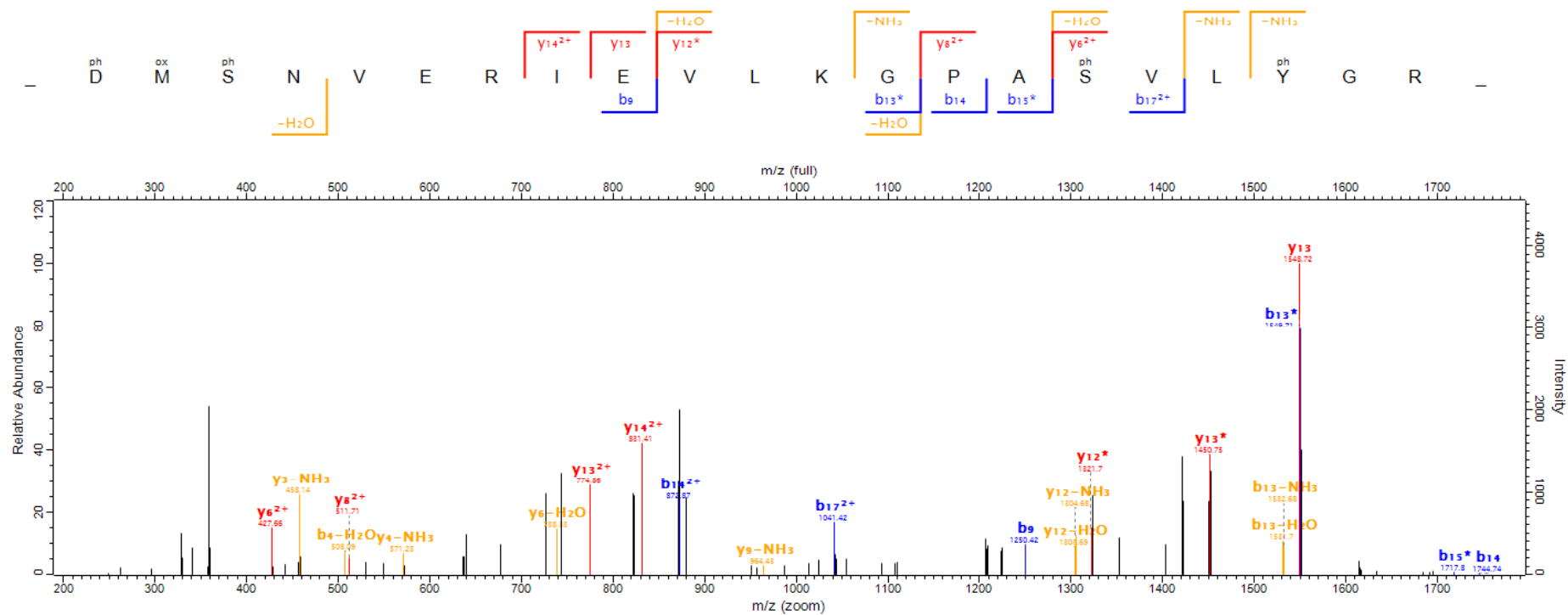


36-2

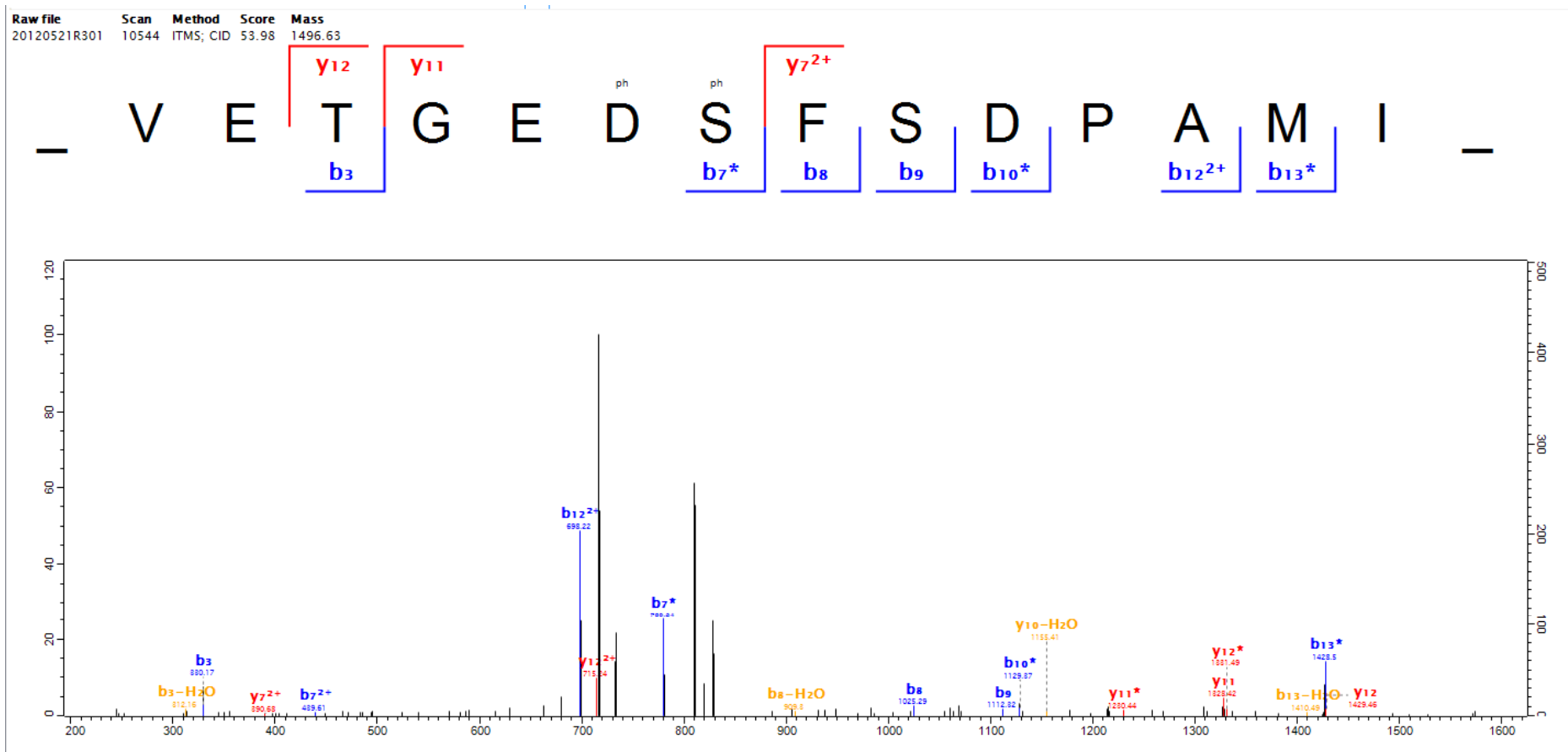




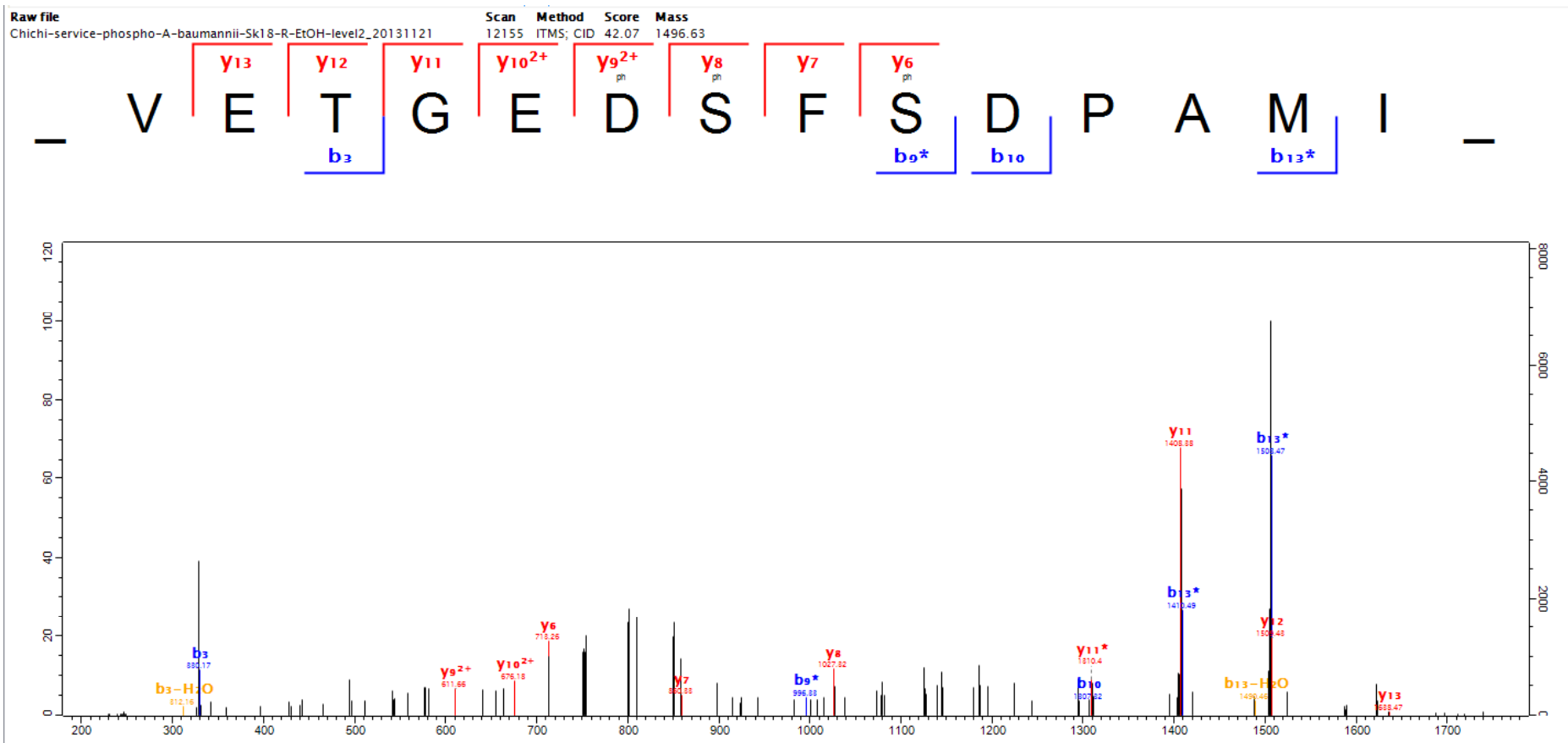
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 Method ITMS: CID Pepti... 53.09



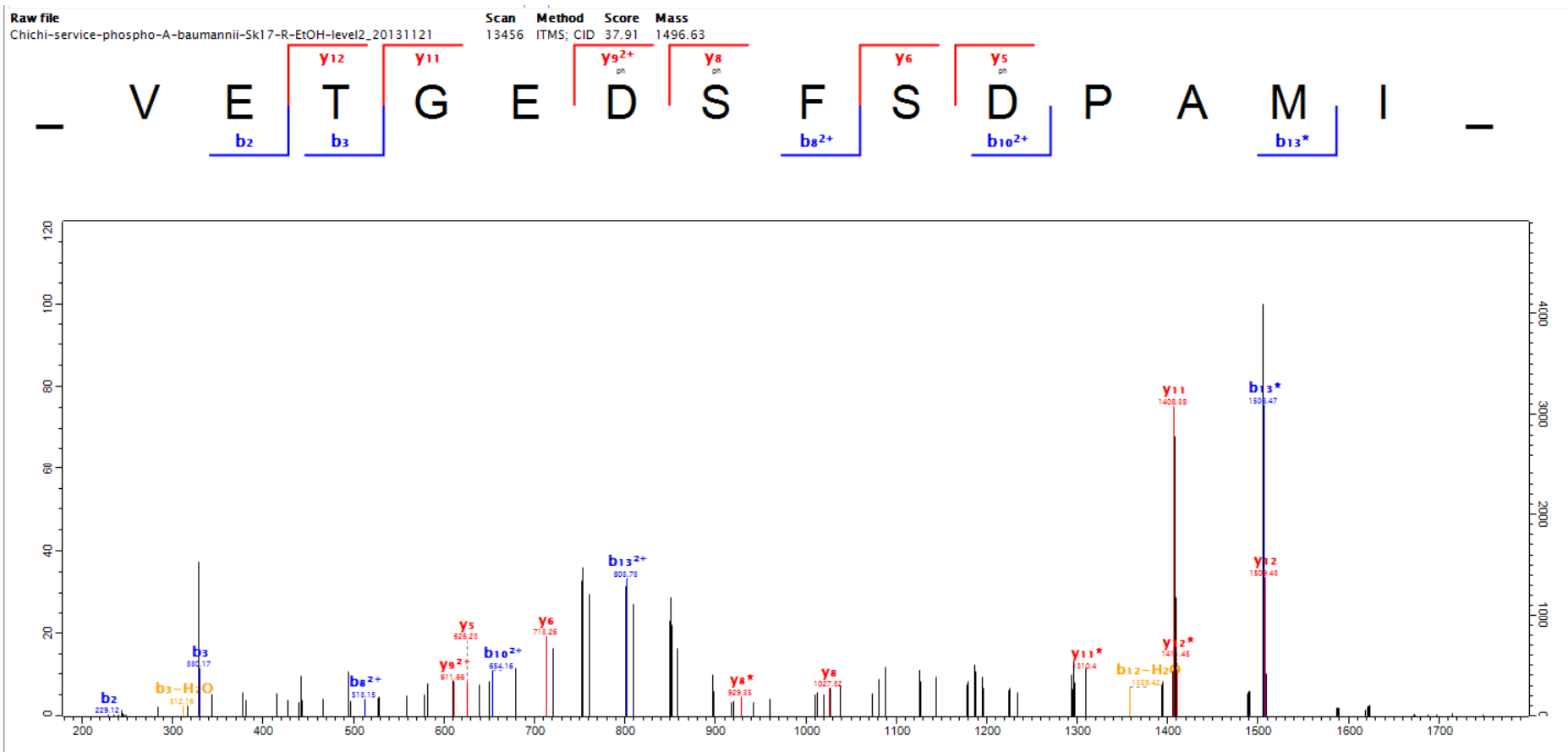
39-1



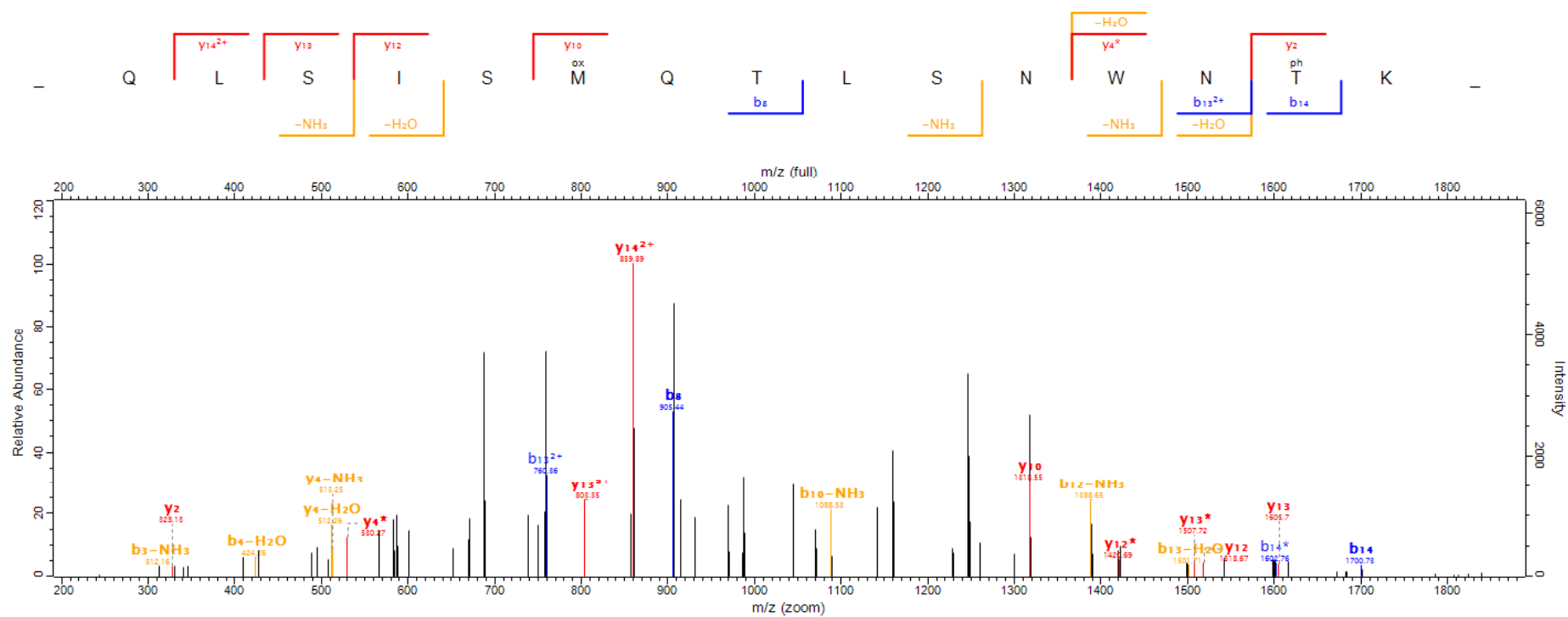
39-2

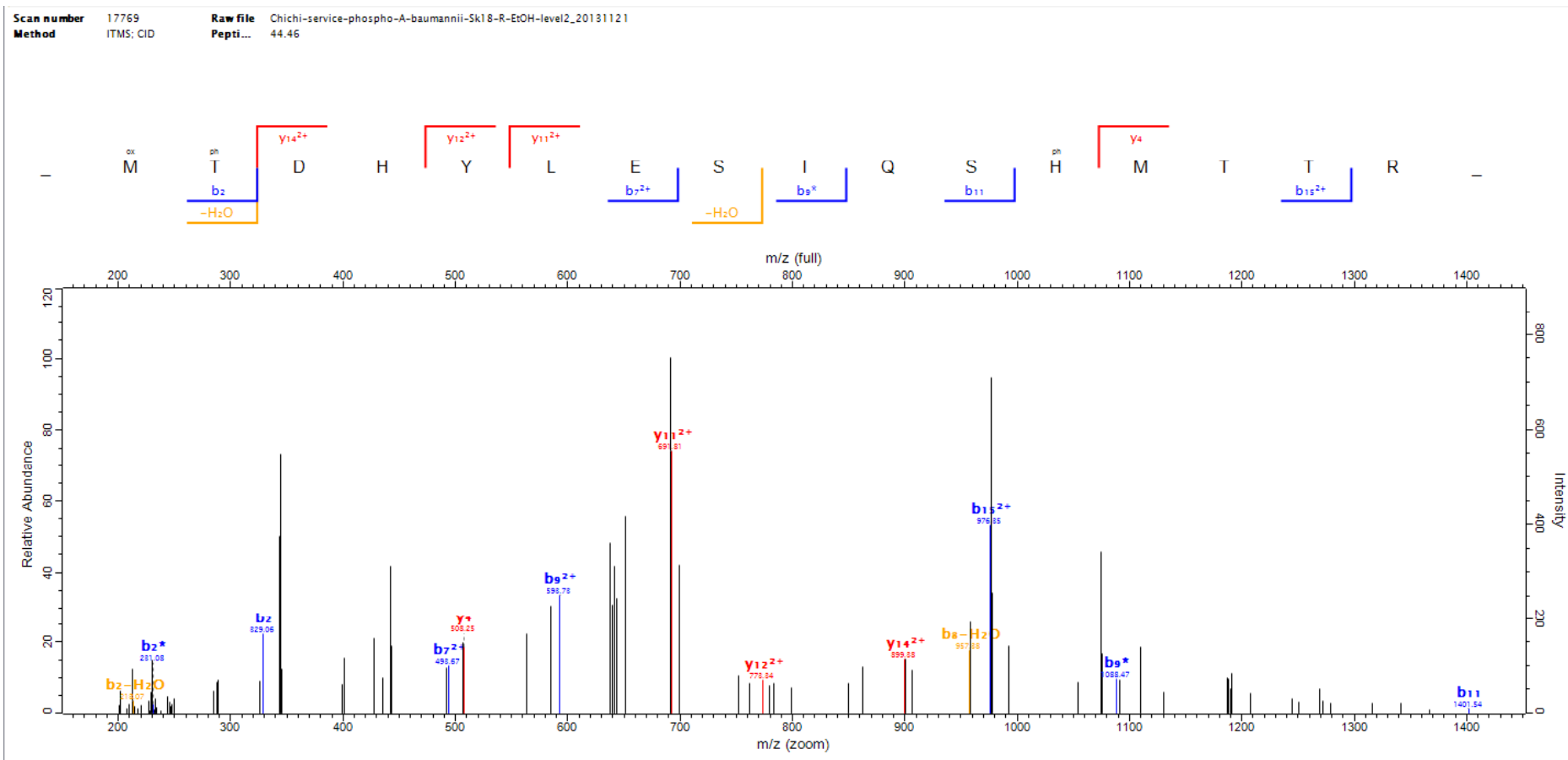


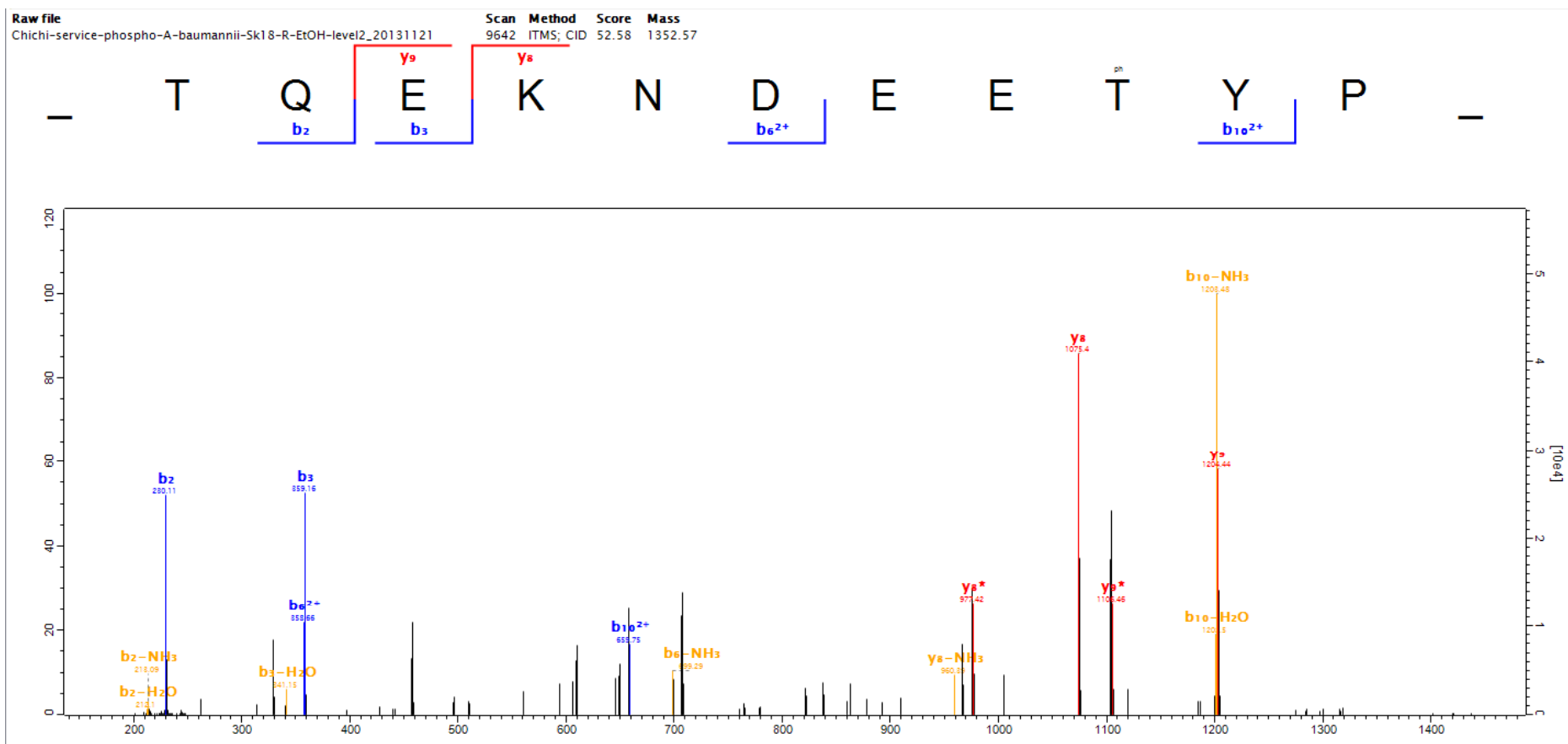
39-3

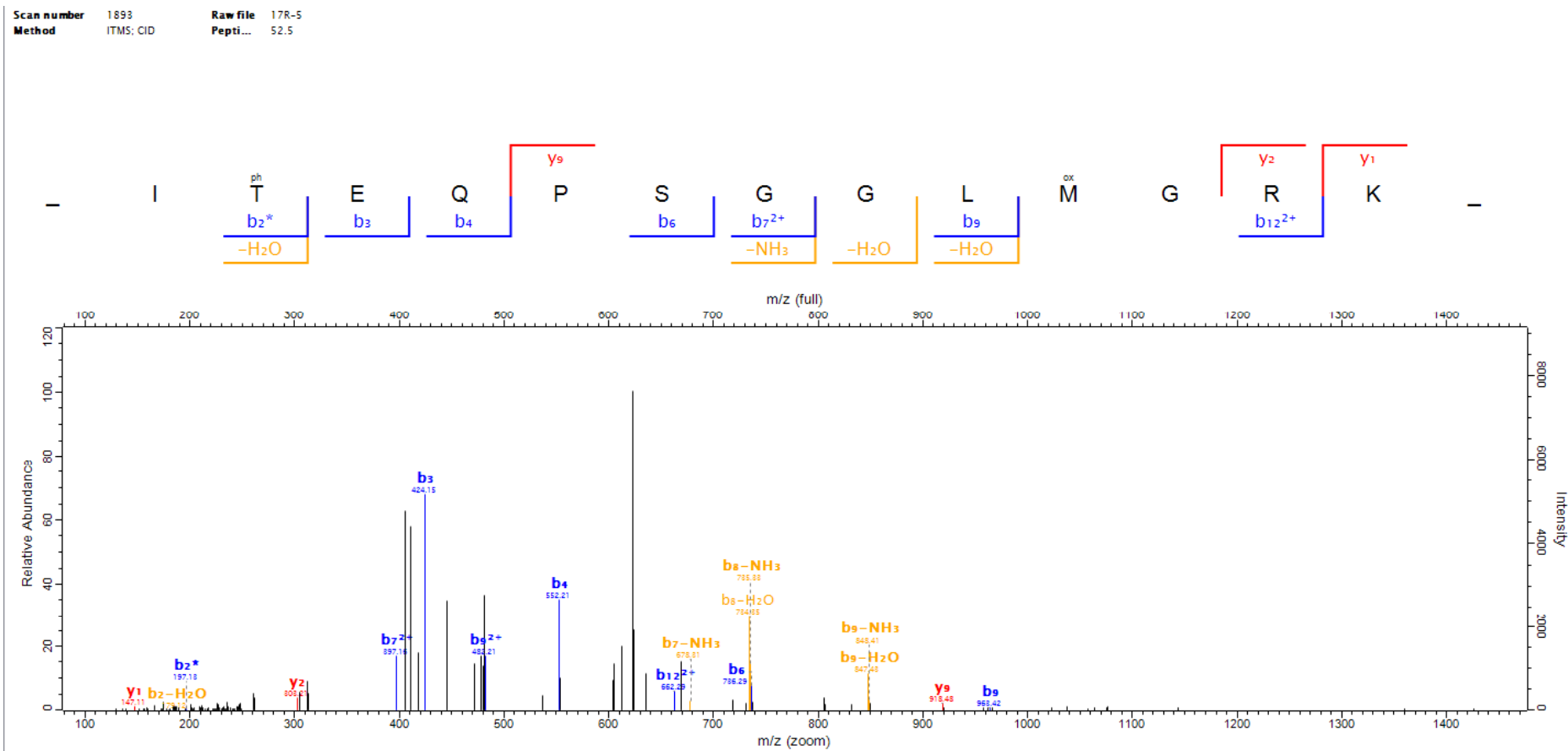


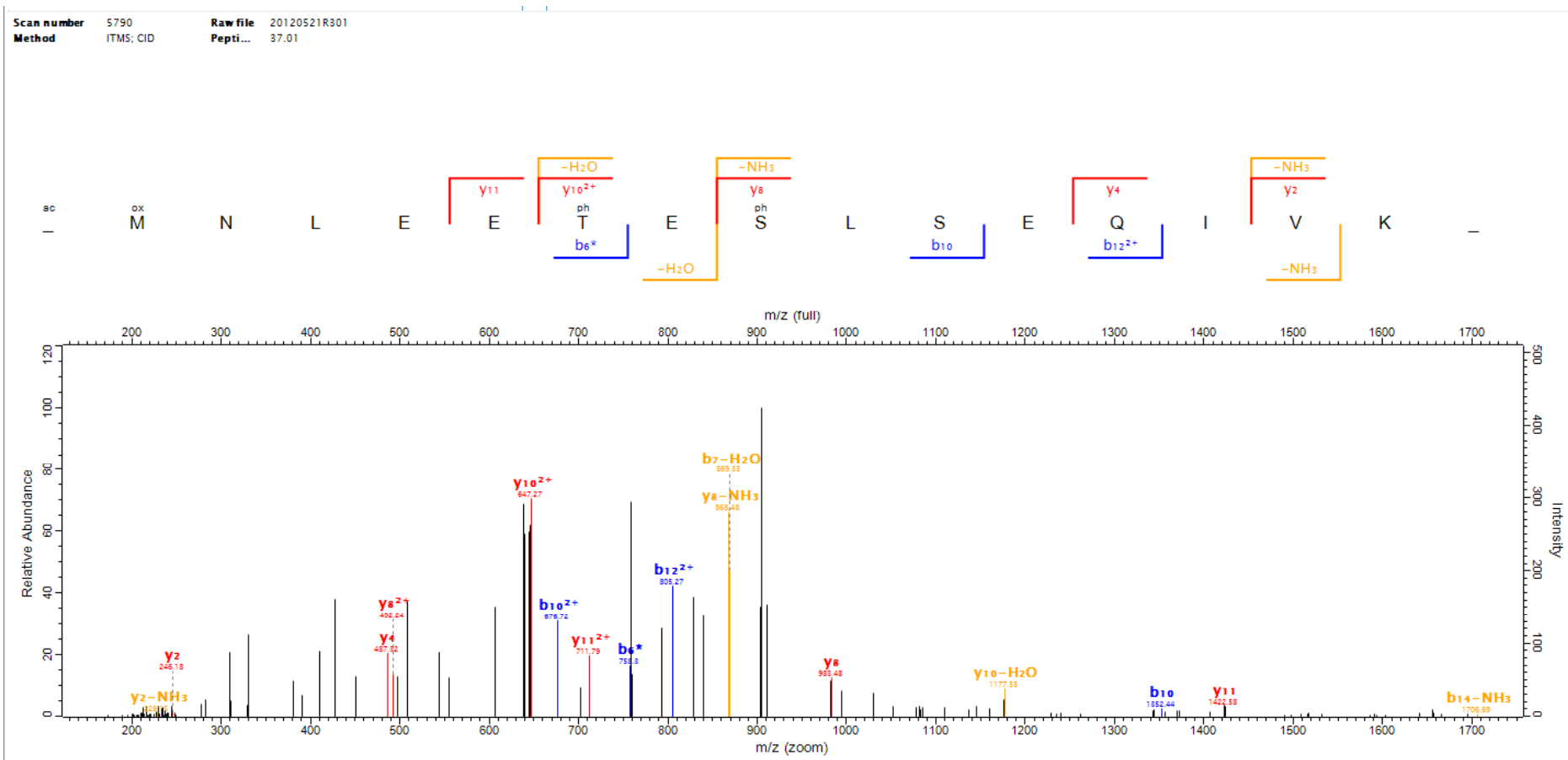
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 Method ITMS: CID Pepti... 74.15





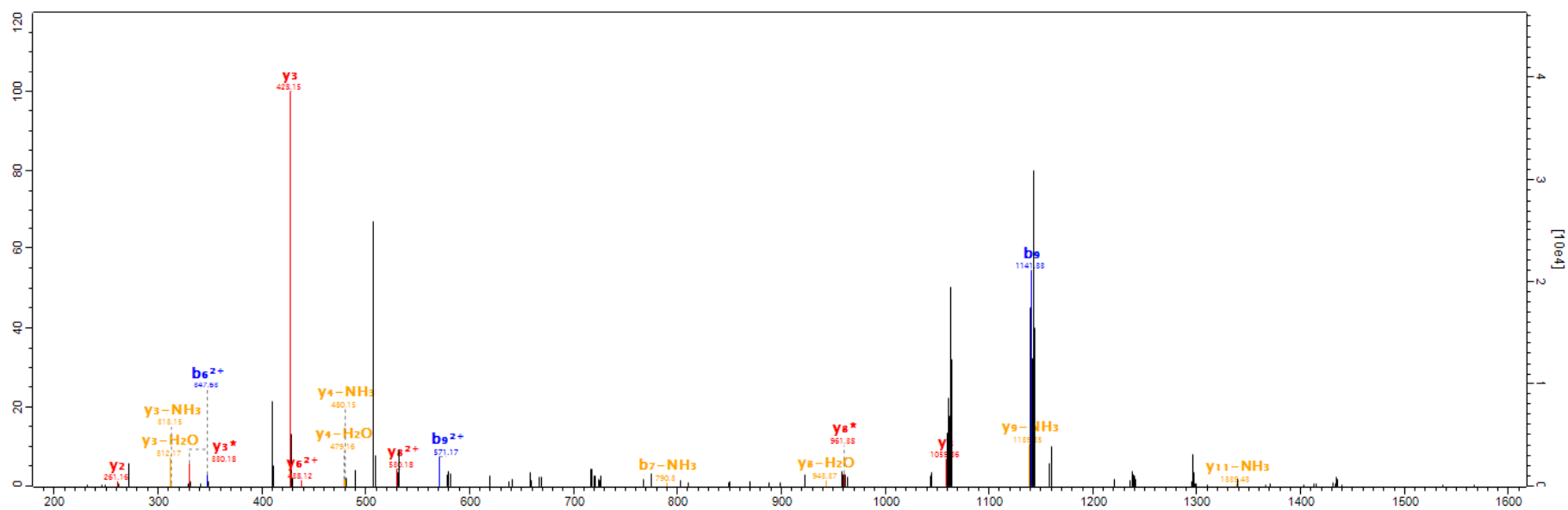


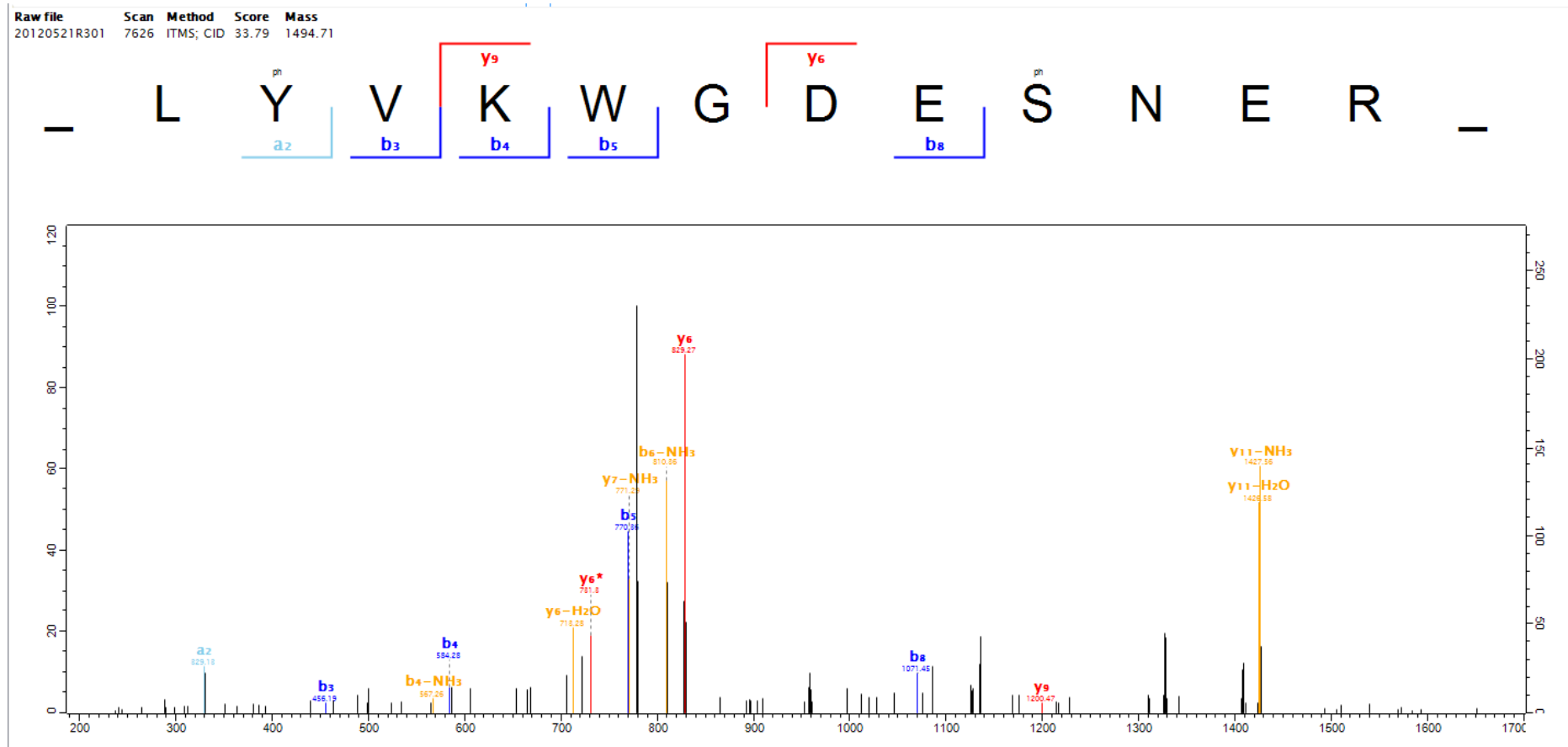


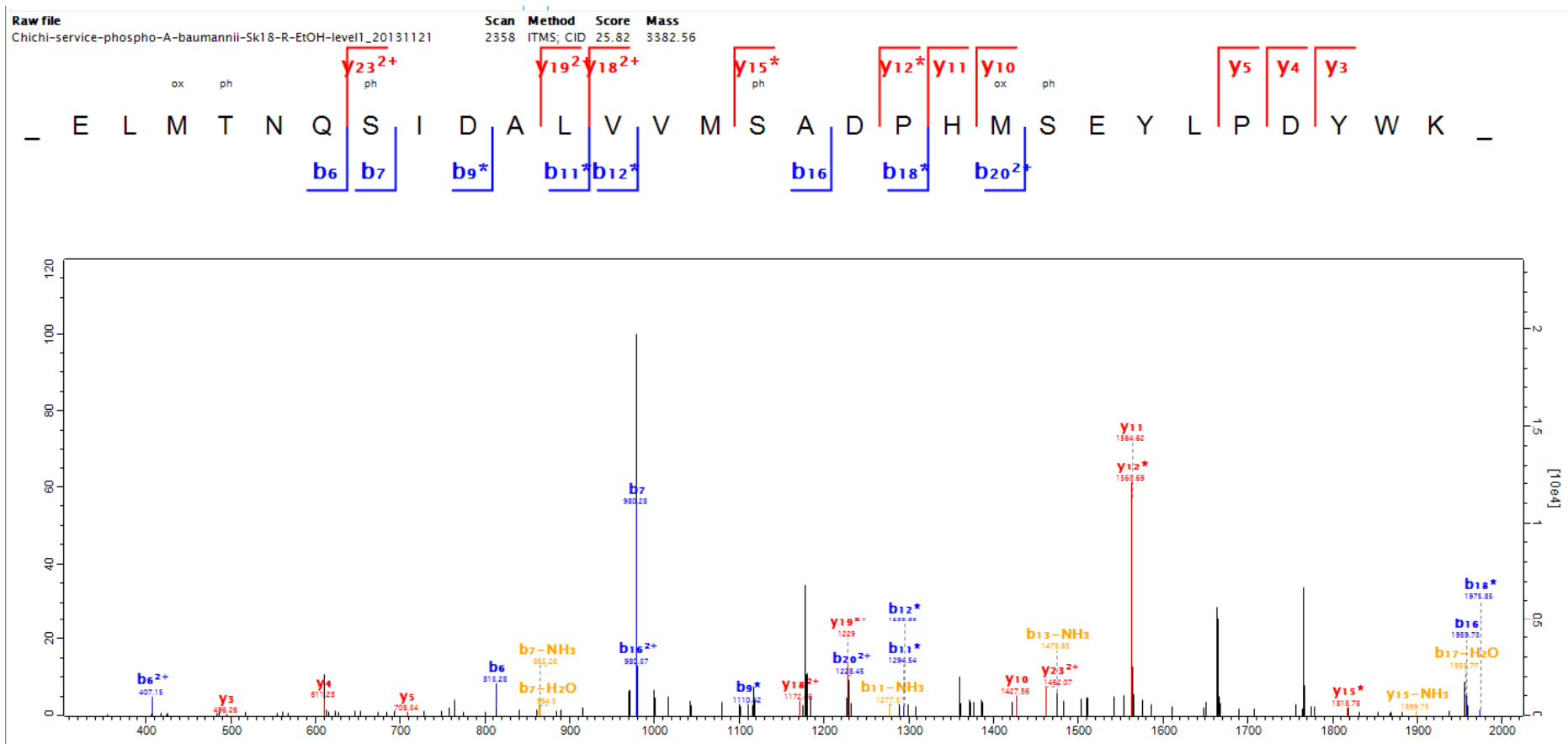


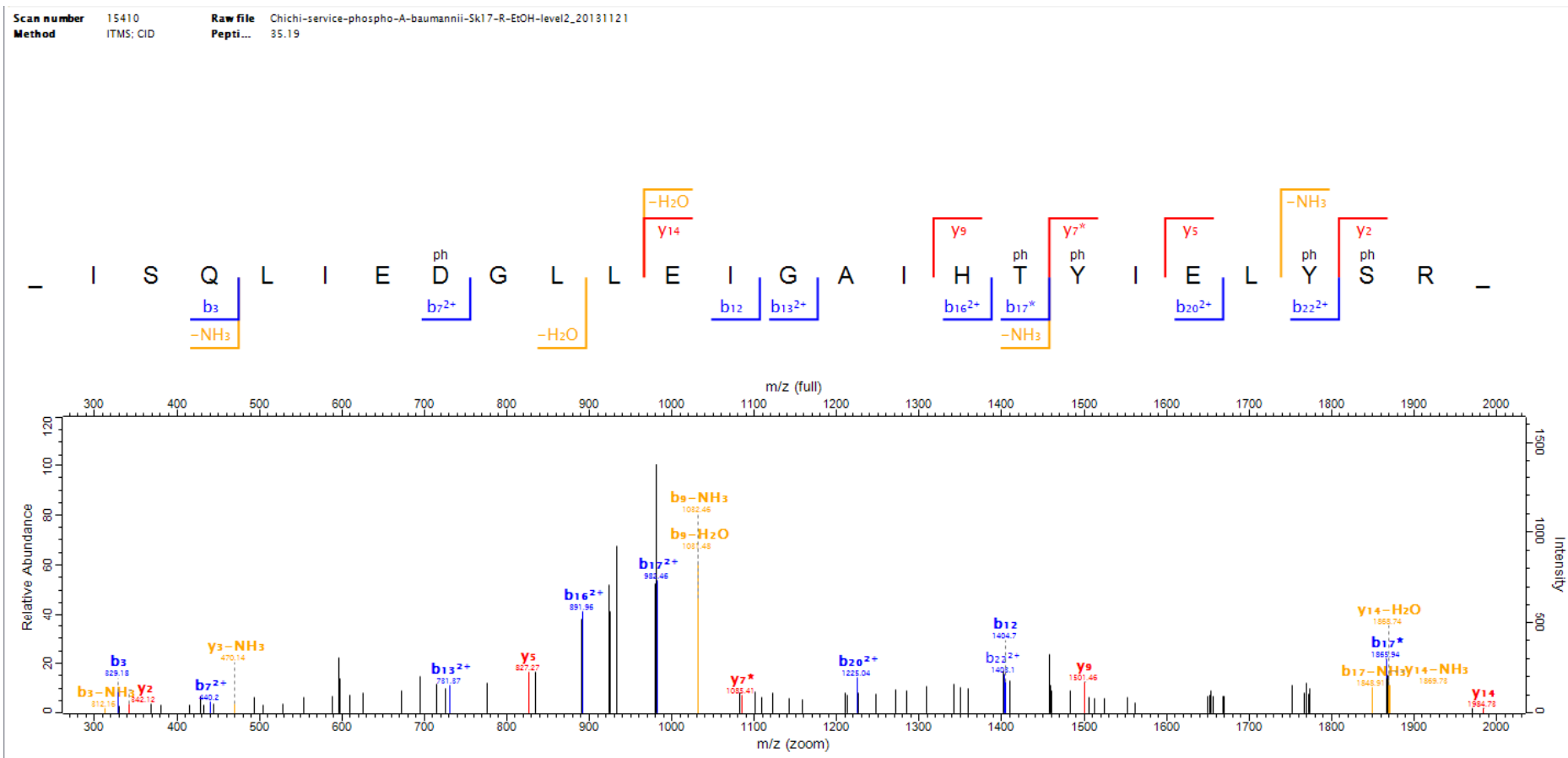
Raw file Scan Method Score Mass
SK17R-3 1626 ITMS; CID 53.38 1247.6

— N E A D ^{ph}A ^{y8}L ^{y6²⁺}I ^{ph}S ^{ph}S ^{y3^{ph}}S ^{y2}N K —
_{b6²⁺} _{b9}

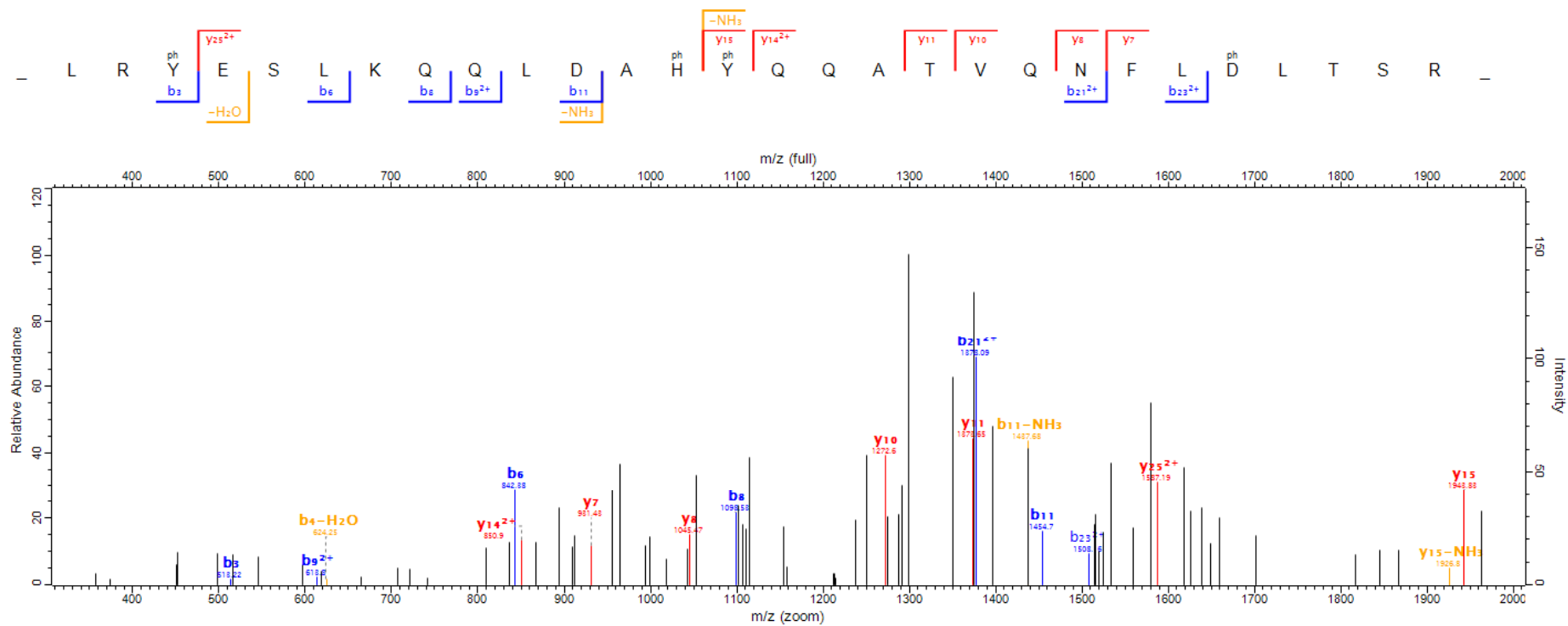


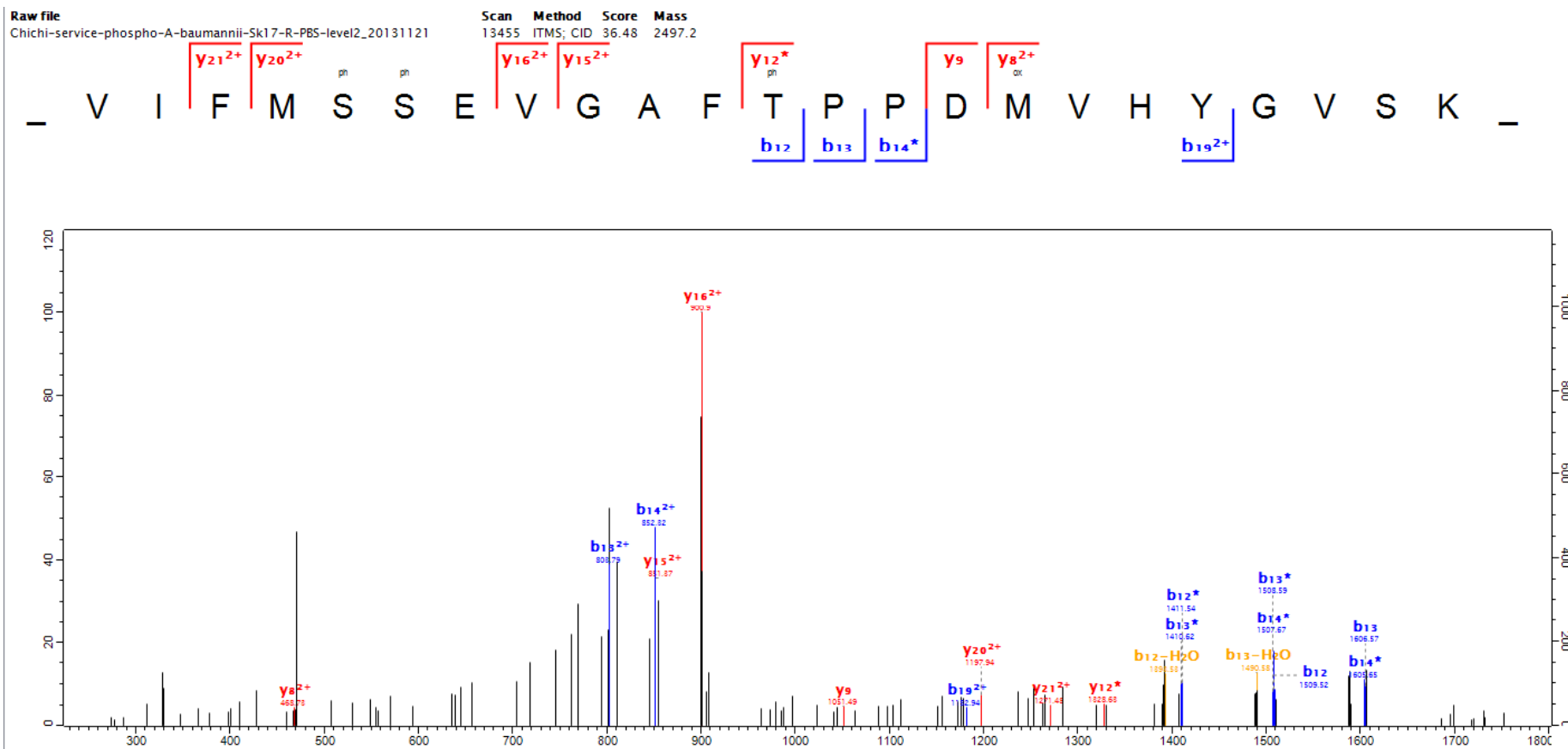




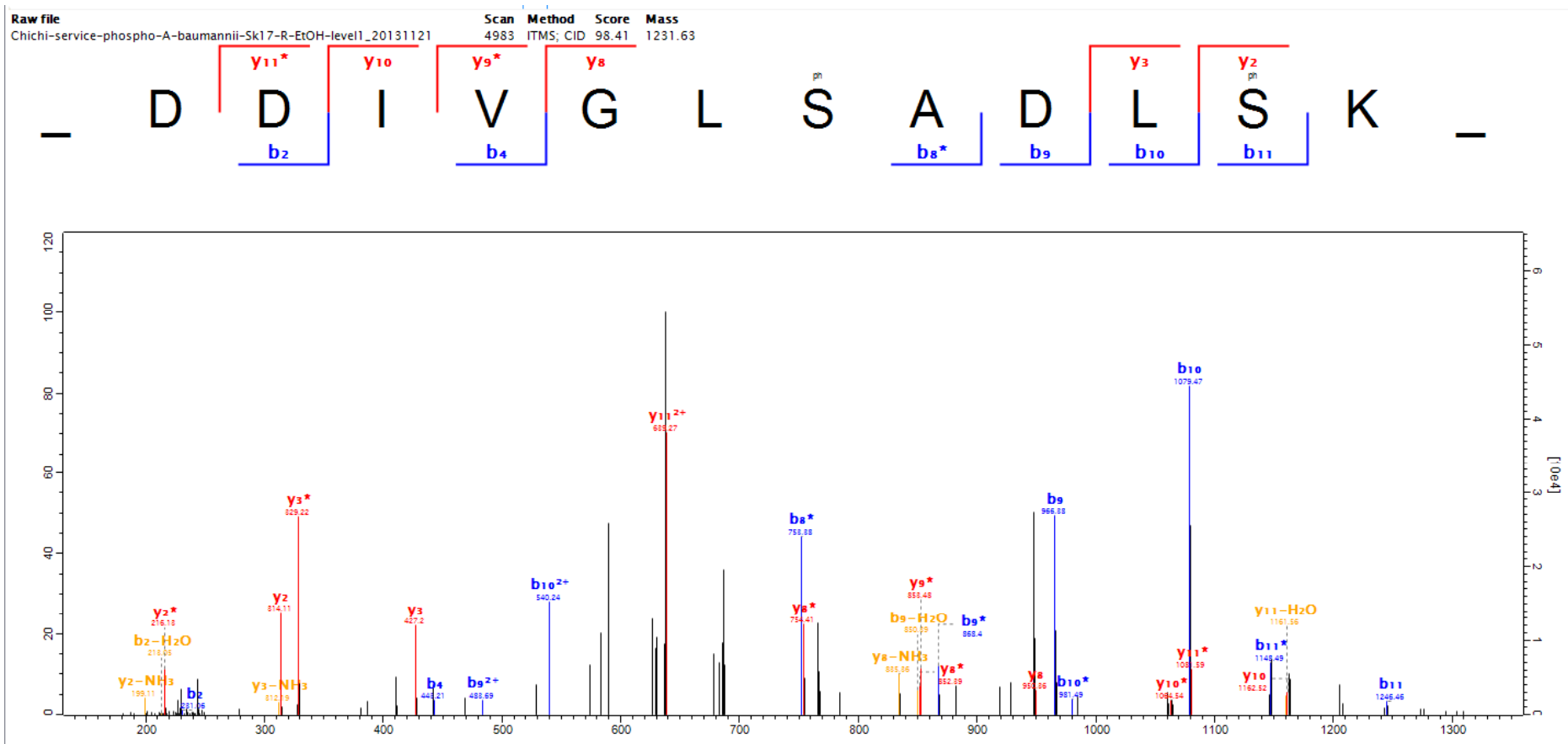


Scan number 6259 Raw file SK18-R-2
 Method ITMS: CID Pepti... 31.17

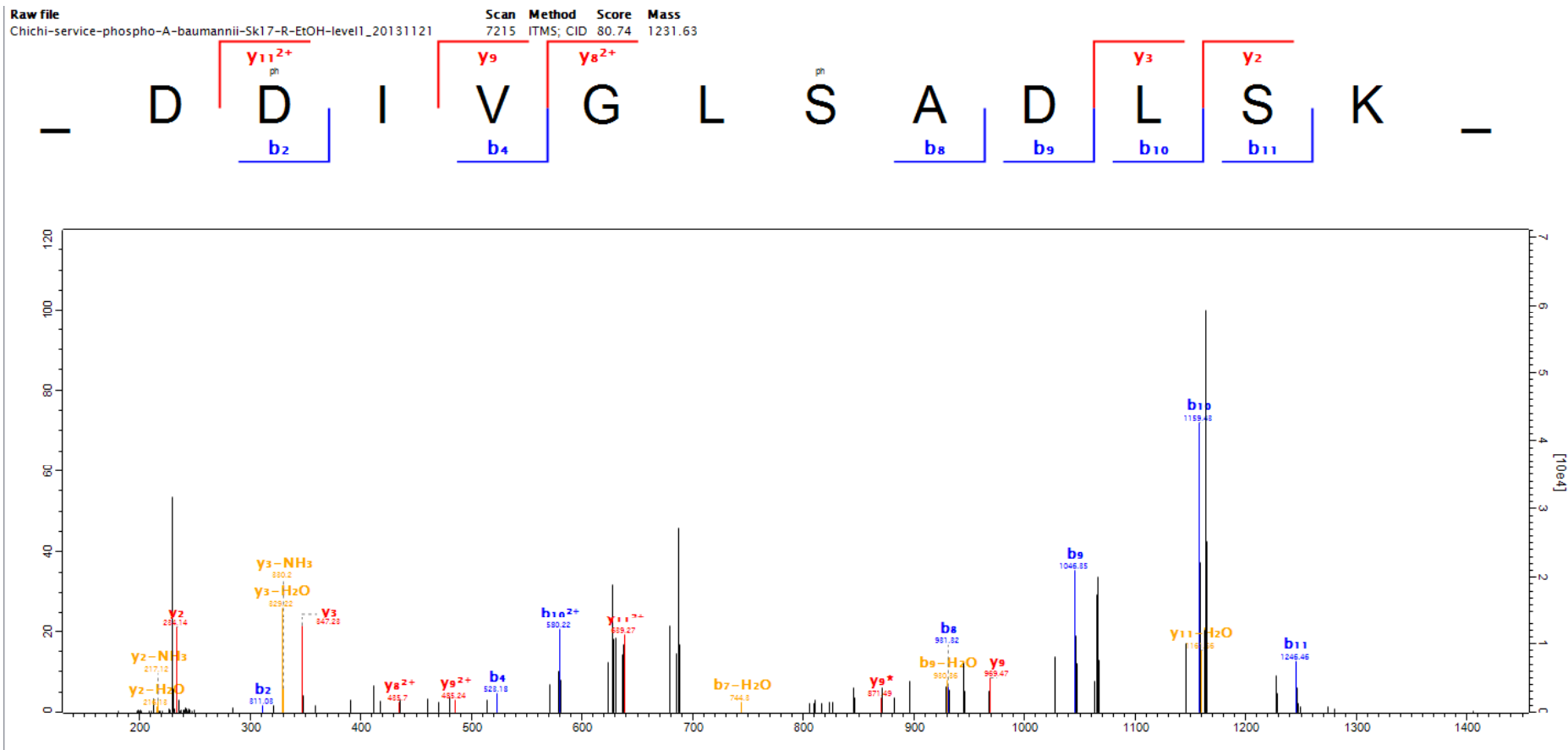


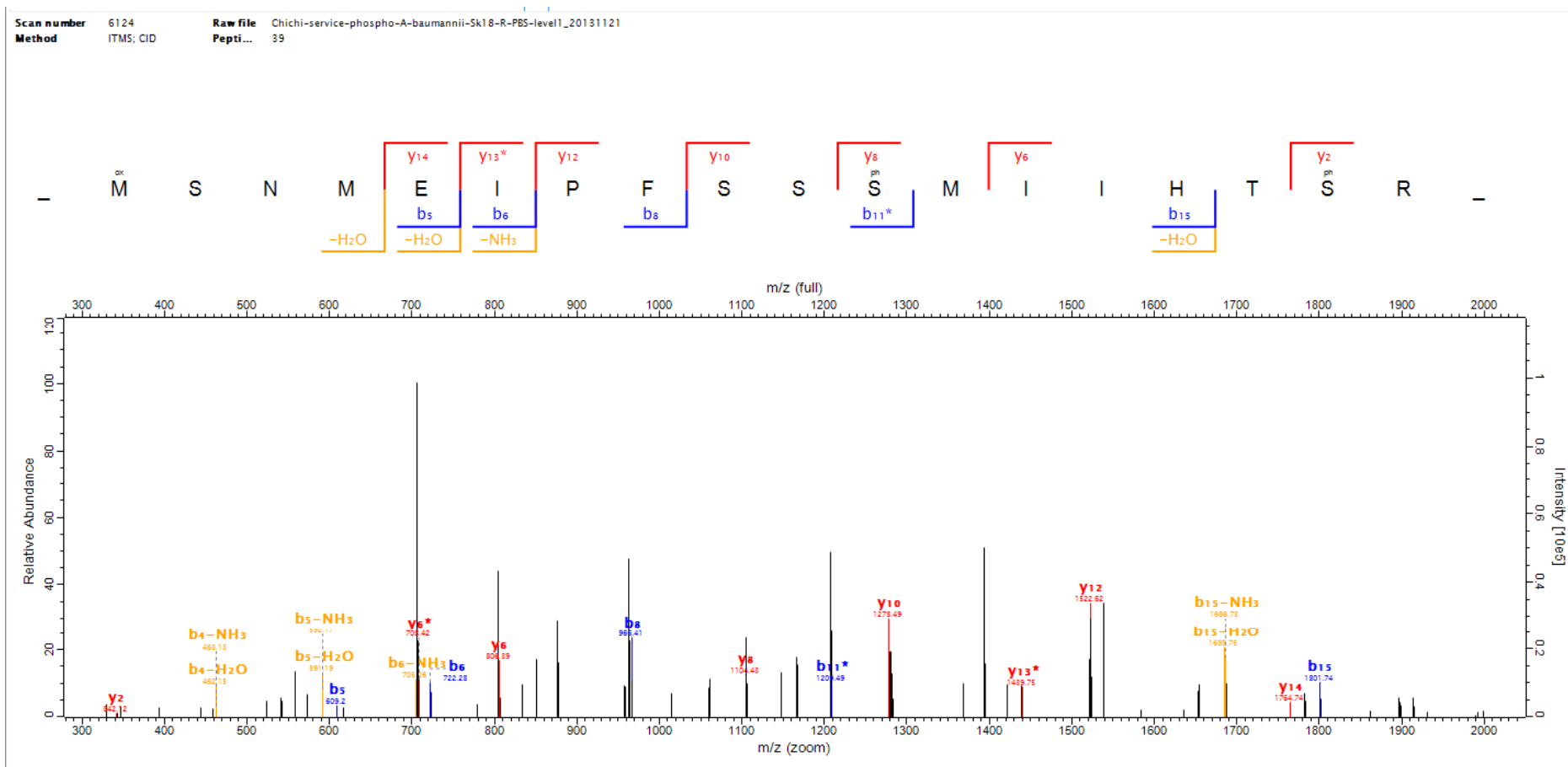


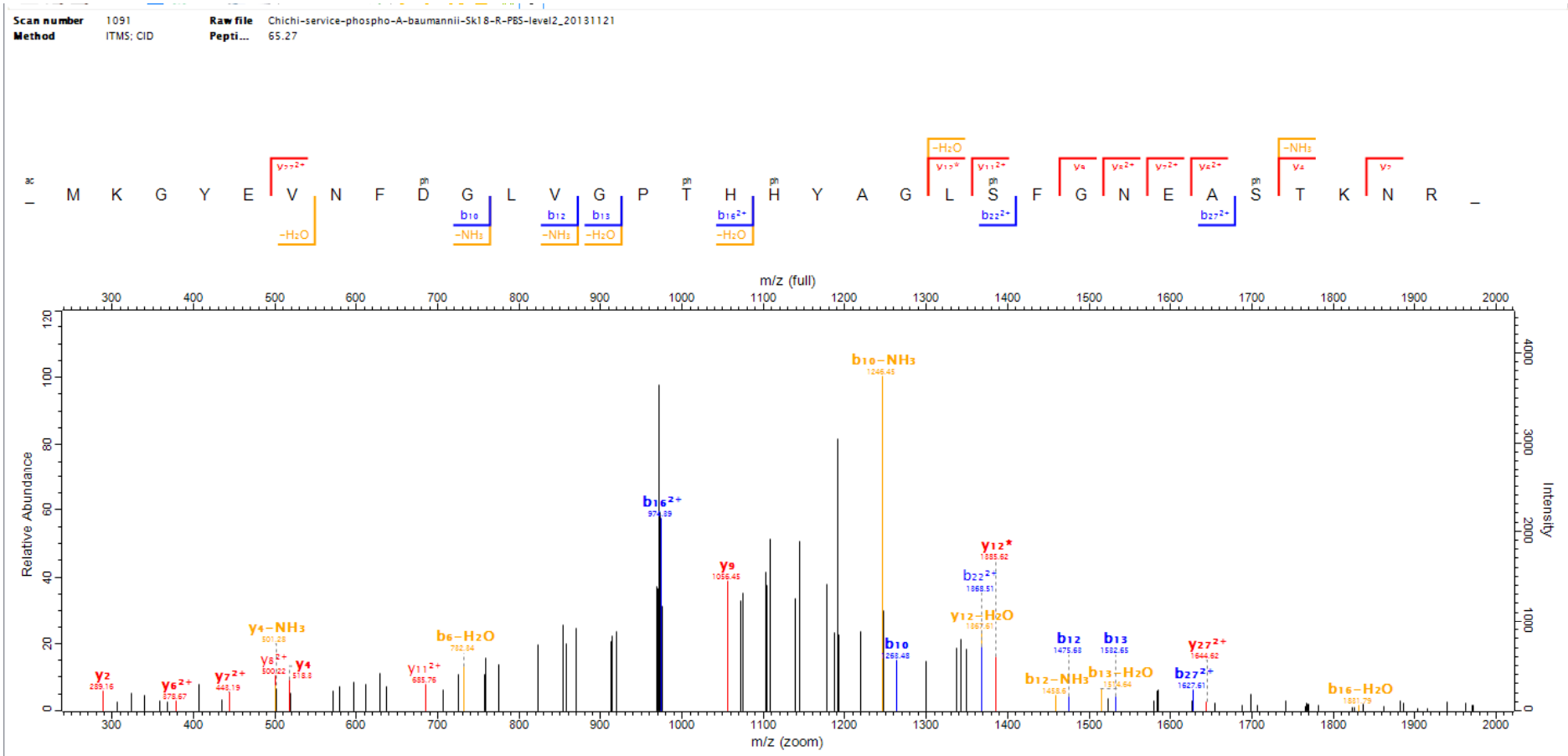
51-1



51-2

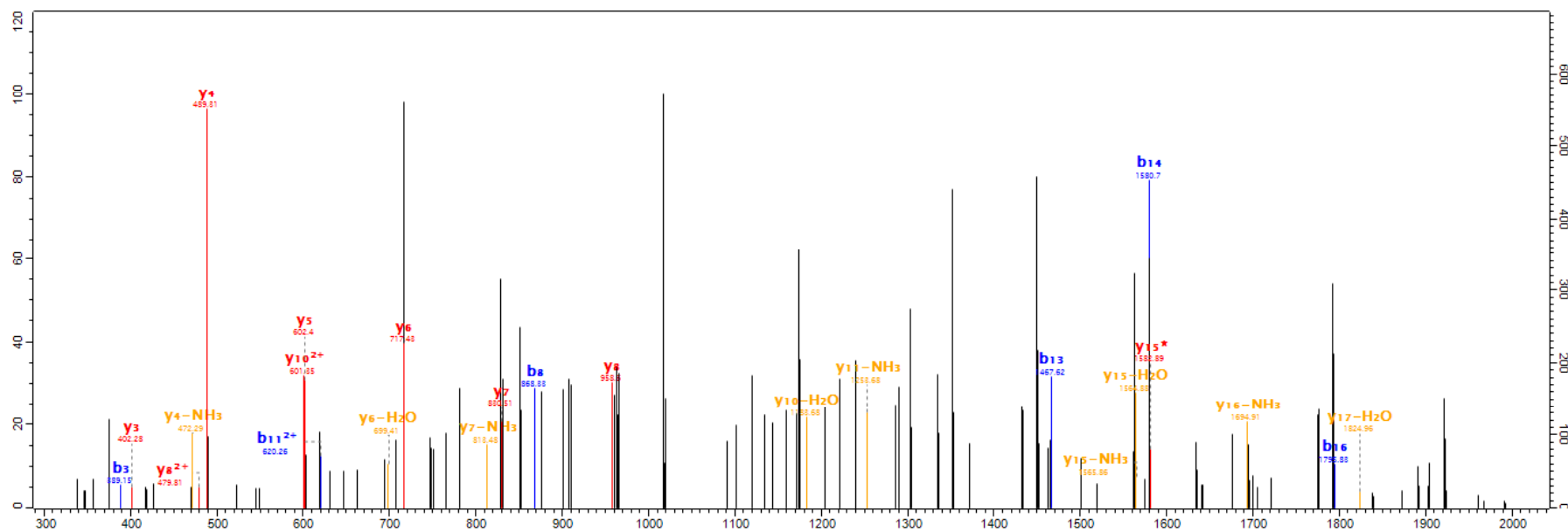


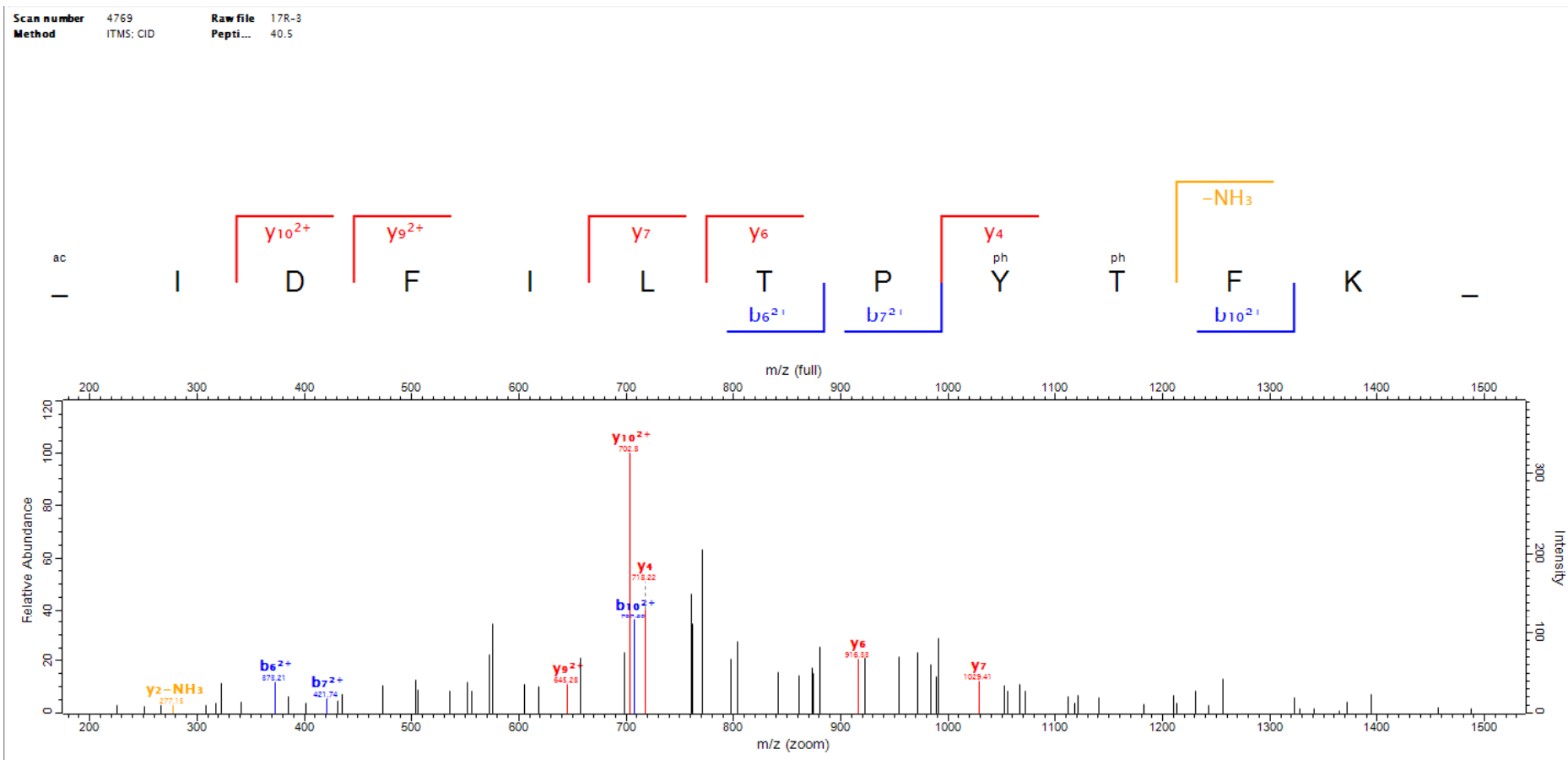


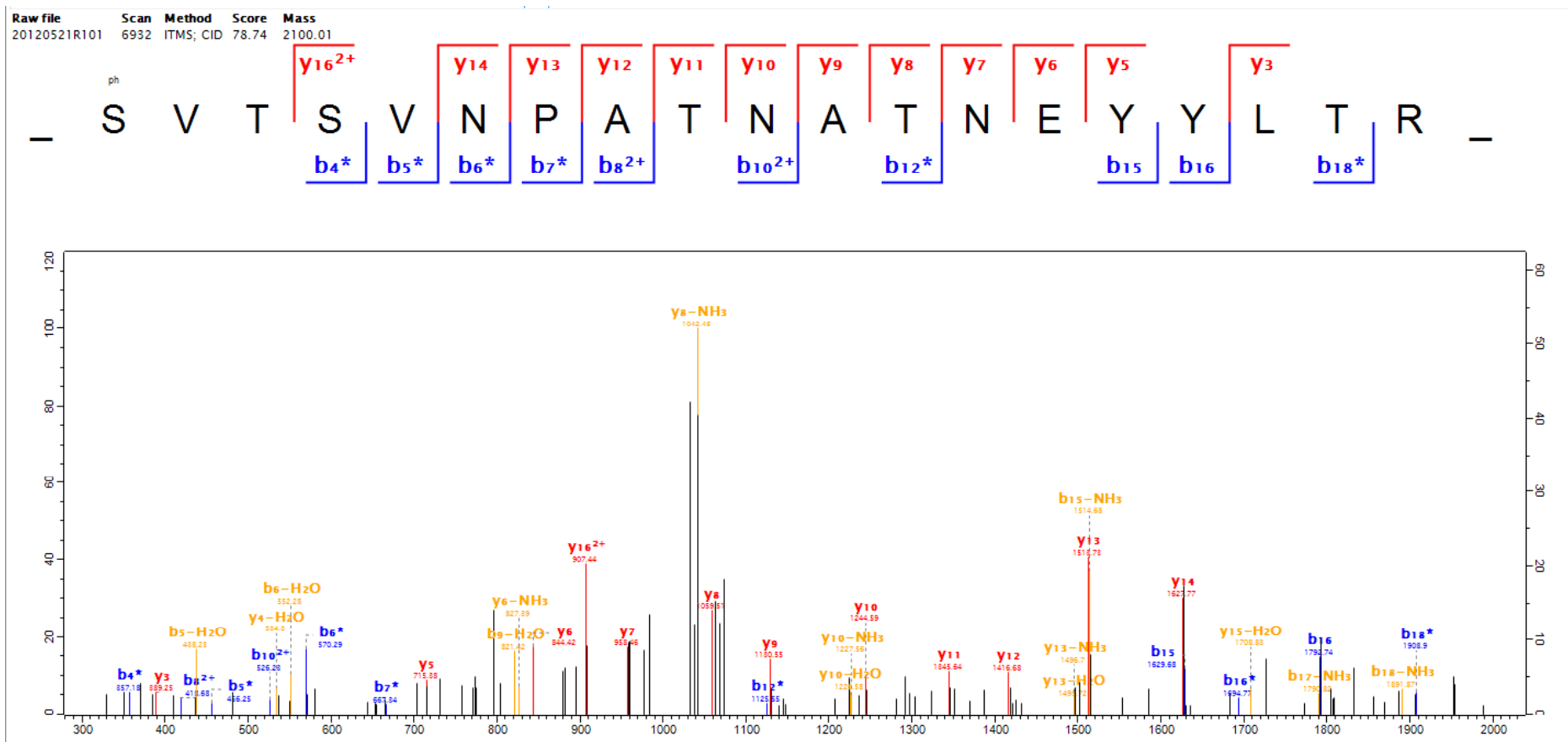


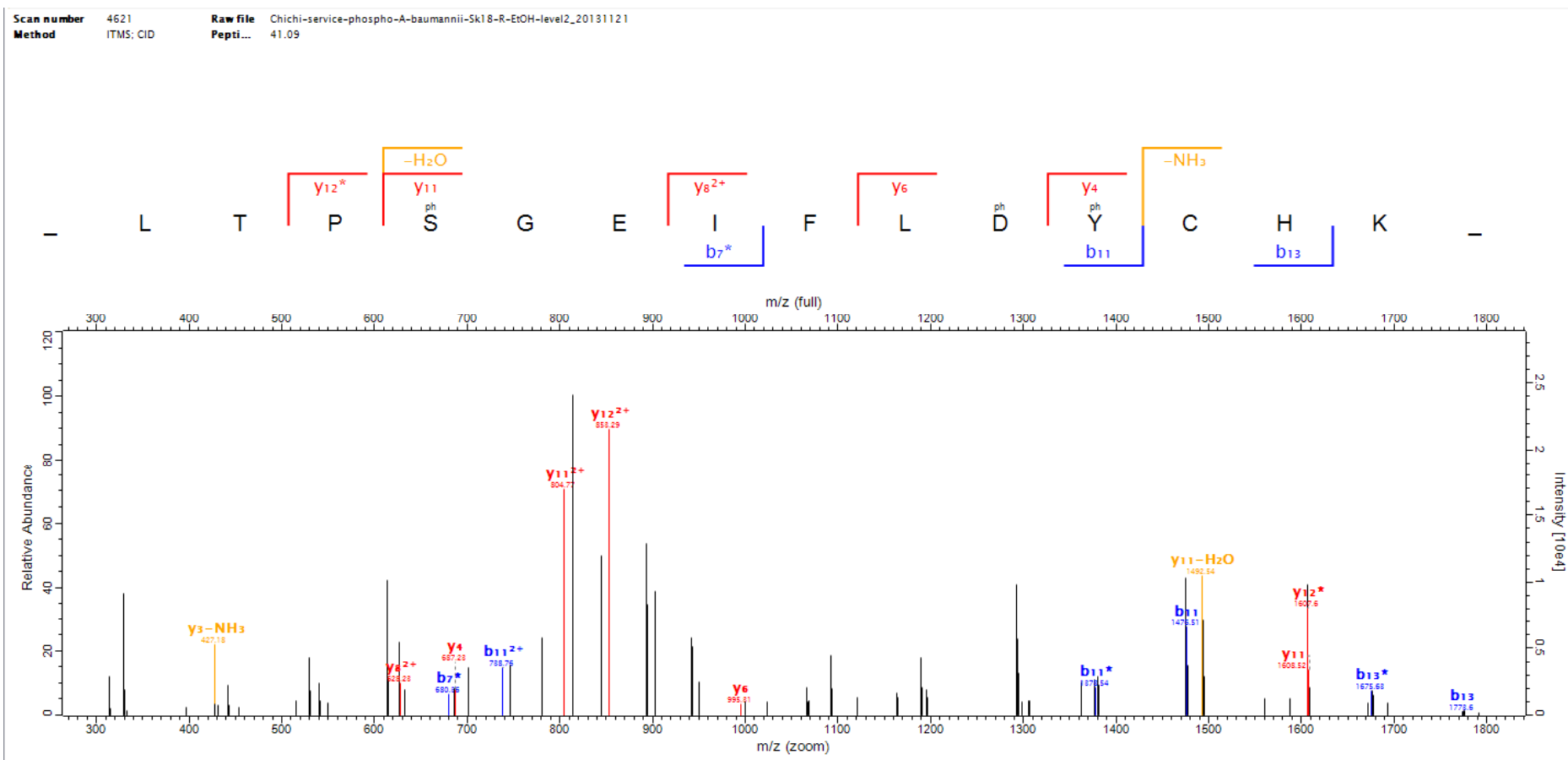
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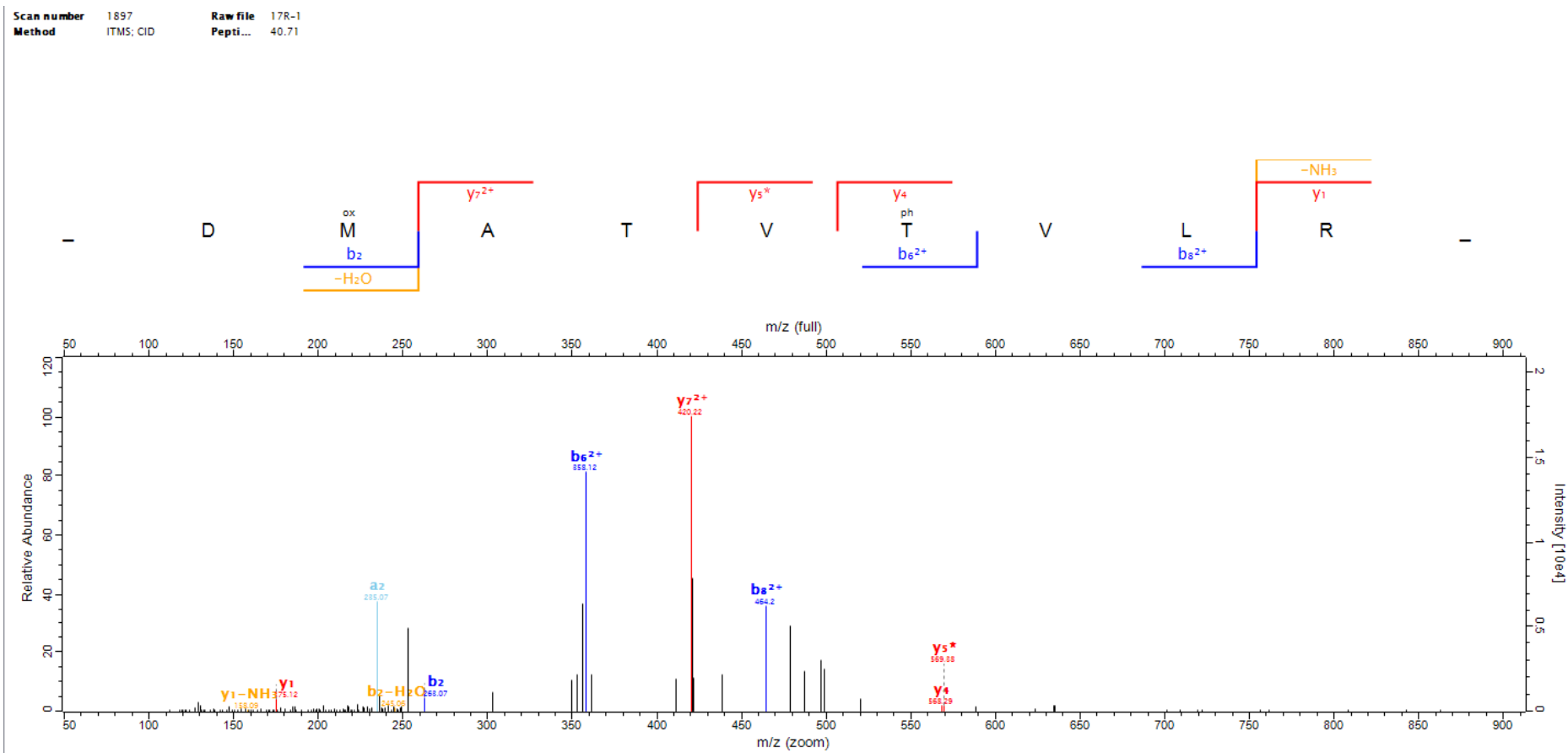
b₃
y₁₅^{*}
 Q M E G A L A S^{ph}
y₁₀²⁺
y₈
y₇
y₆
y₅
y₄
y₃
 N E K I D L S K V R

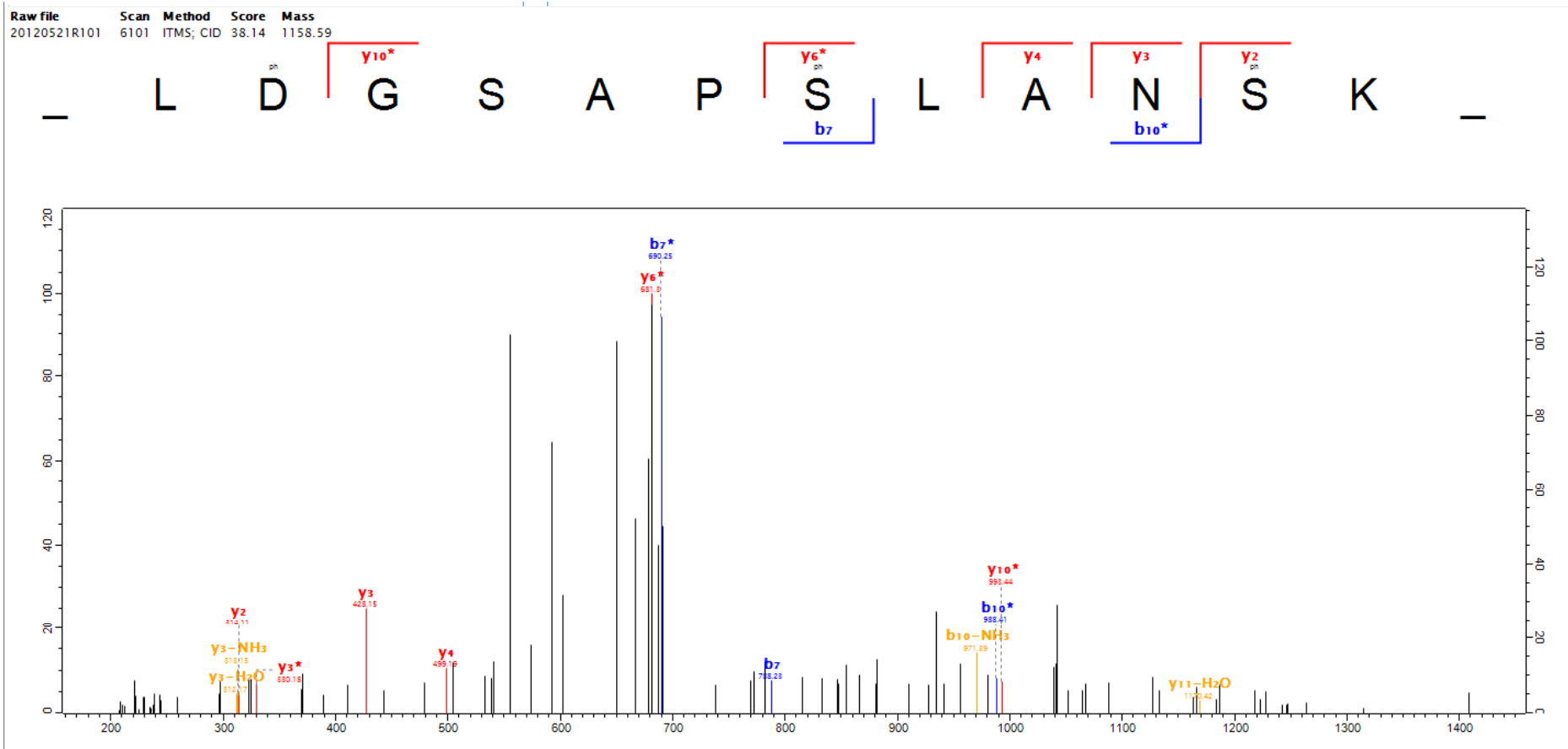


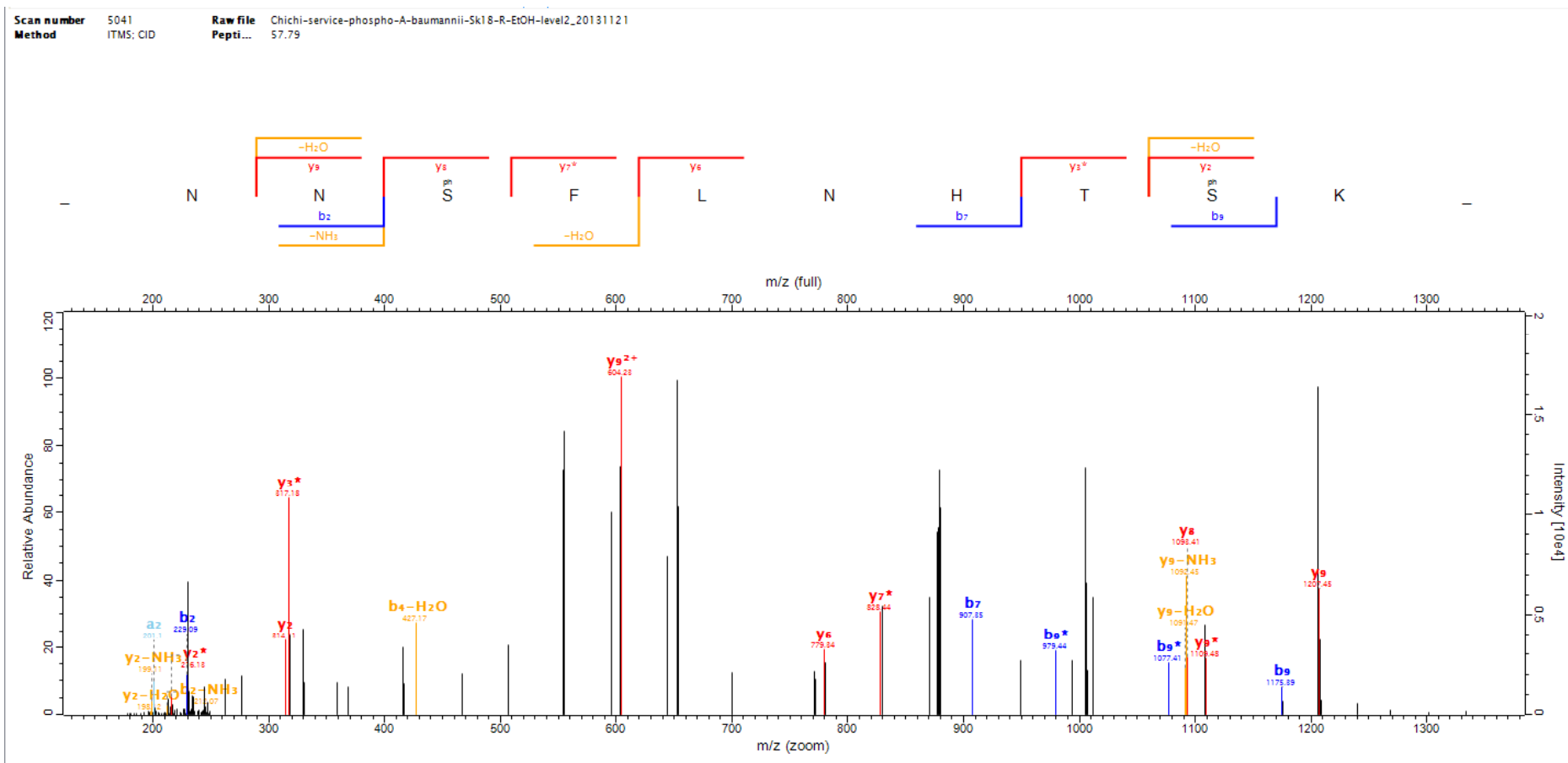


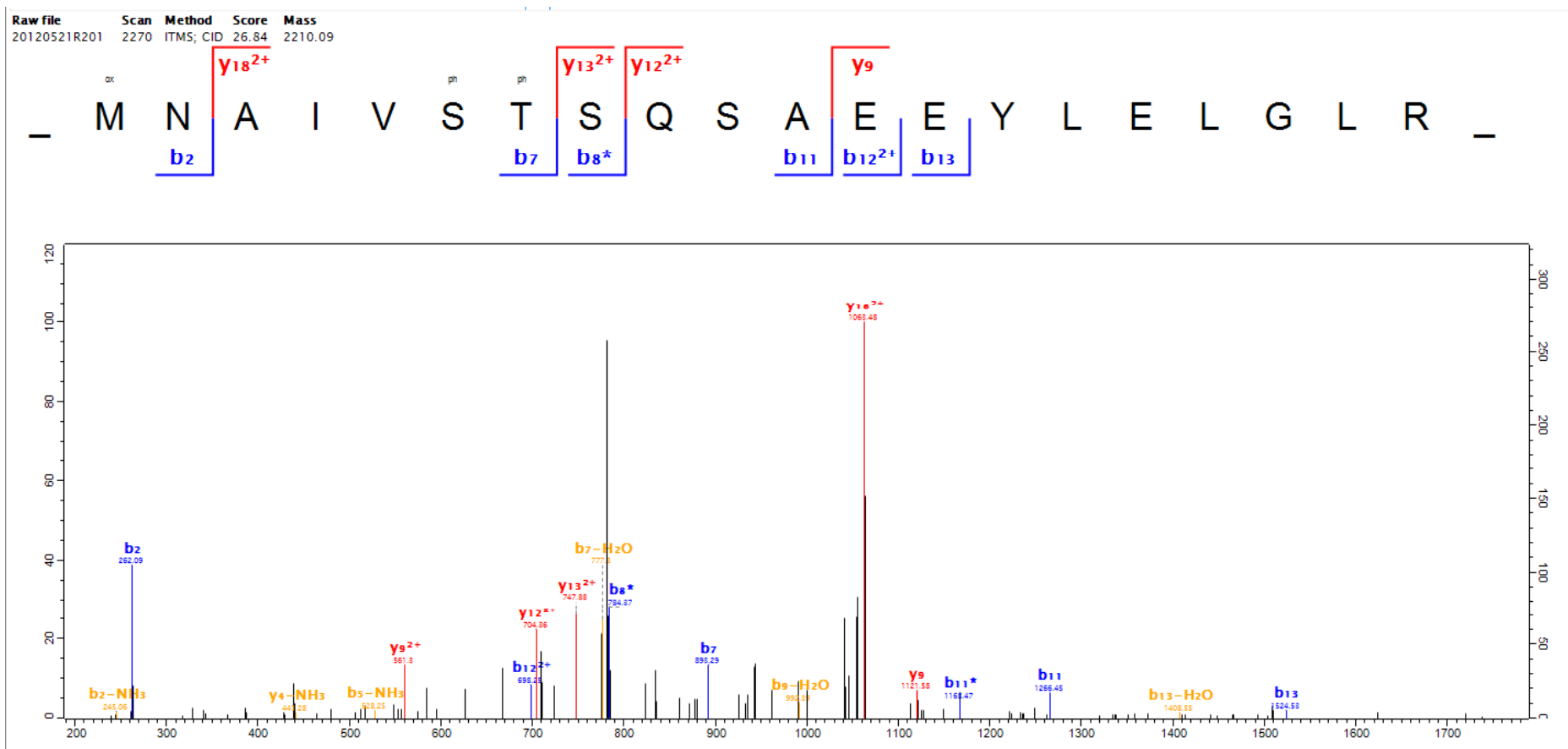


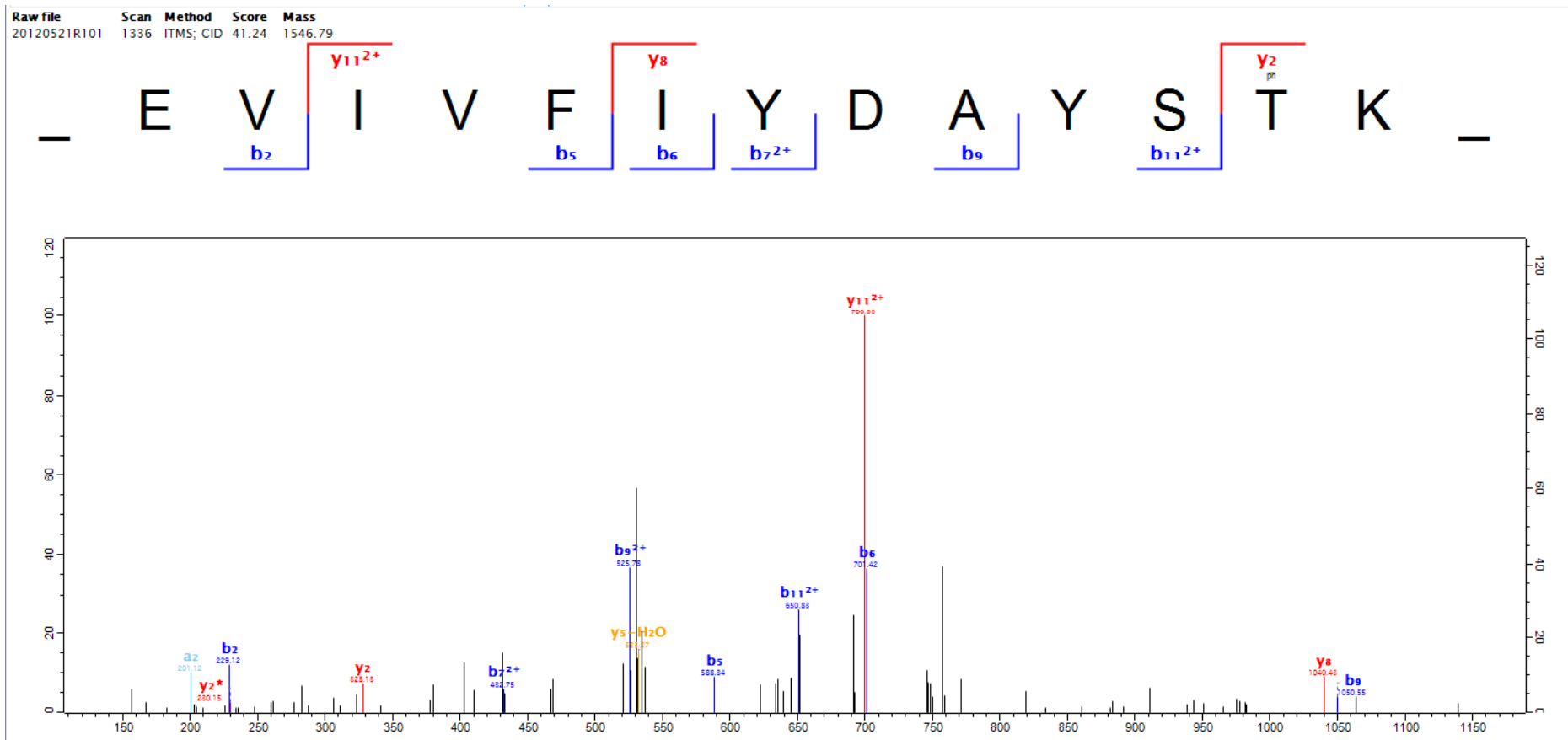


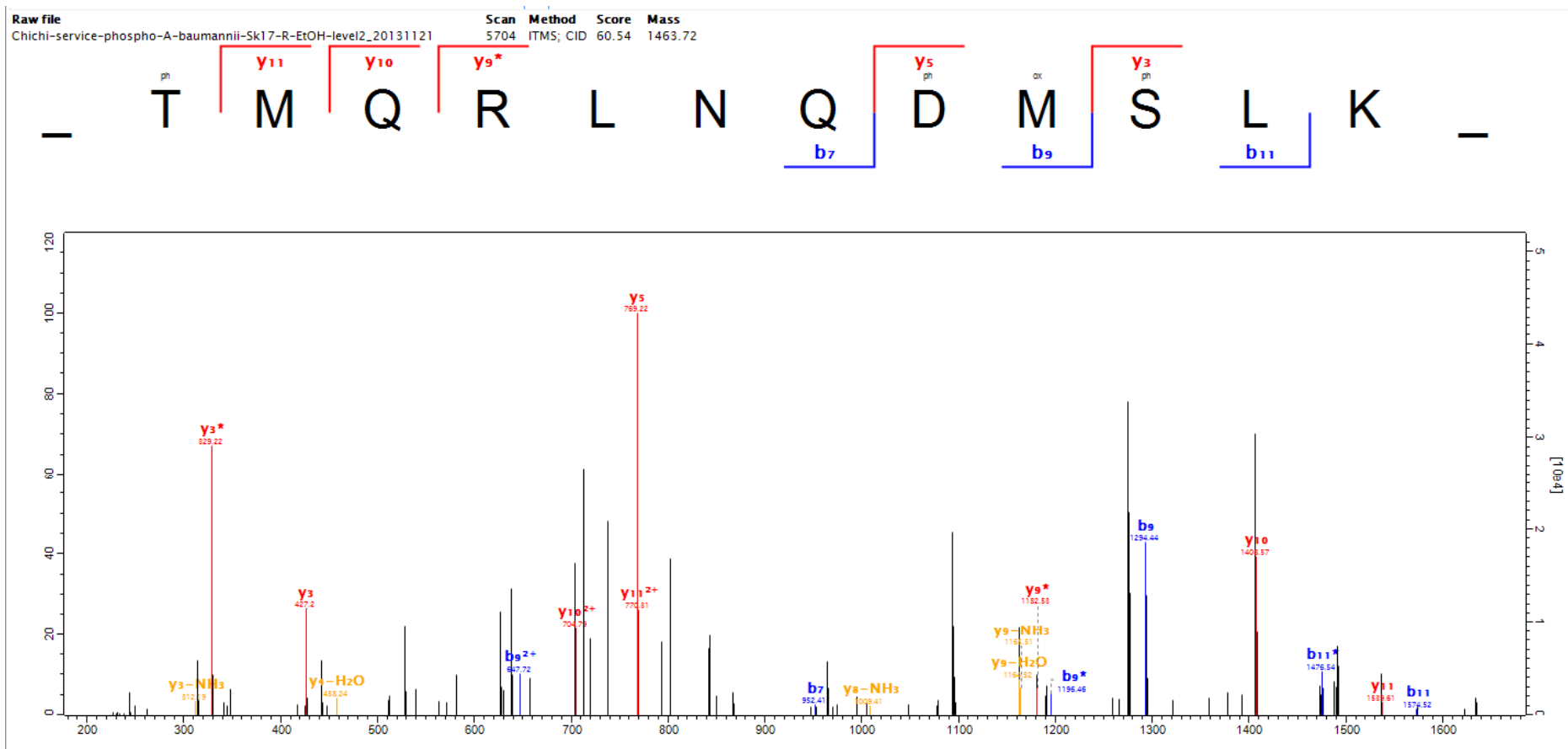


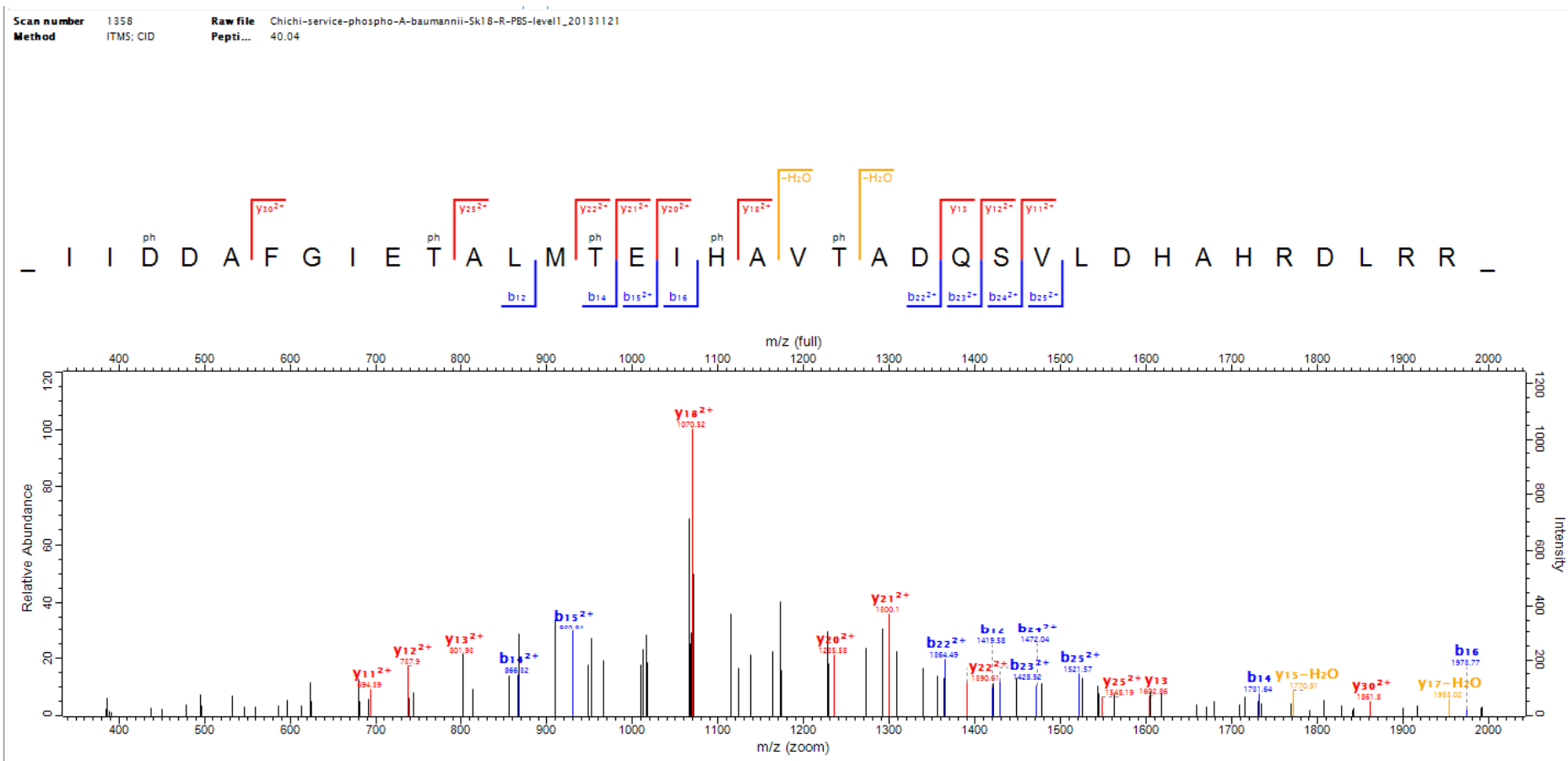




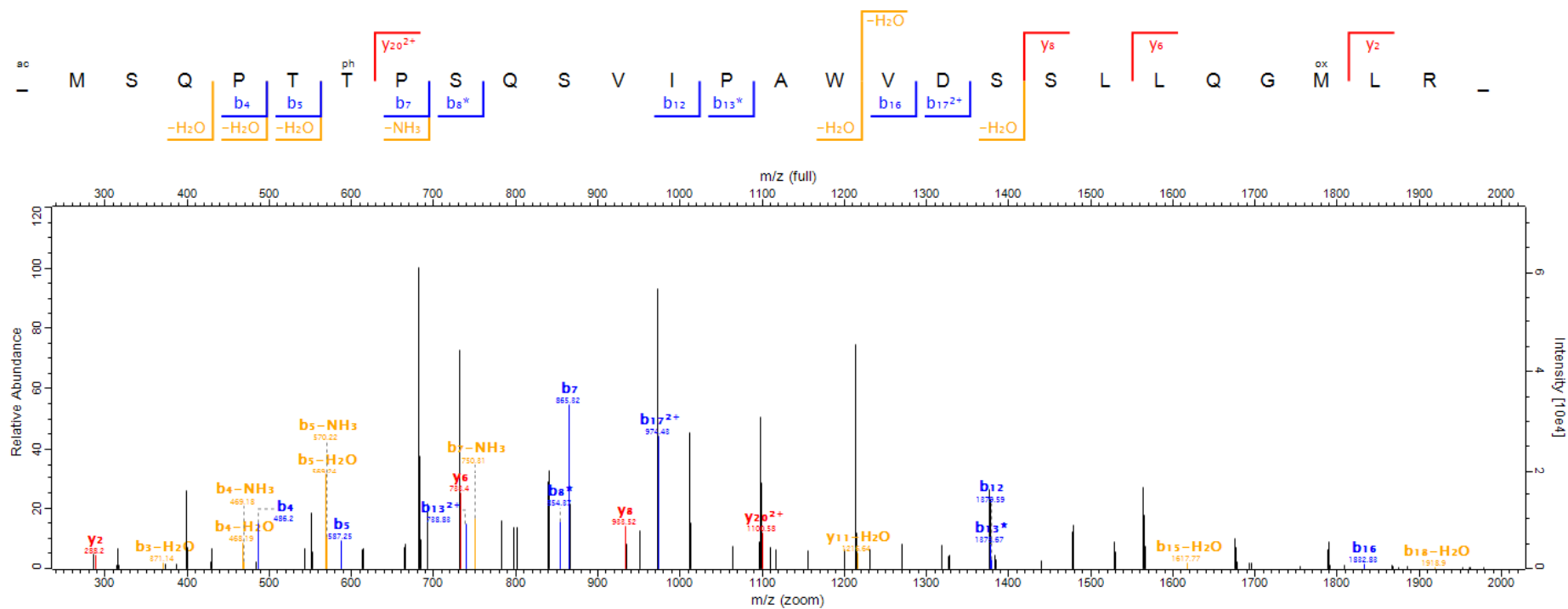


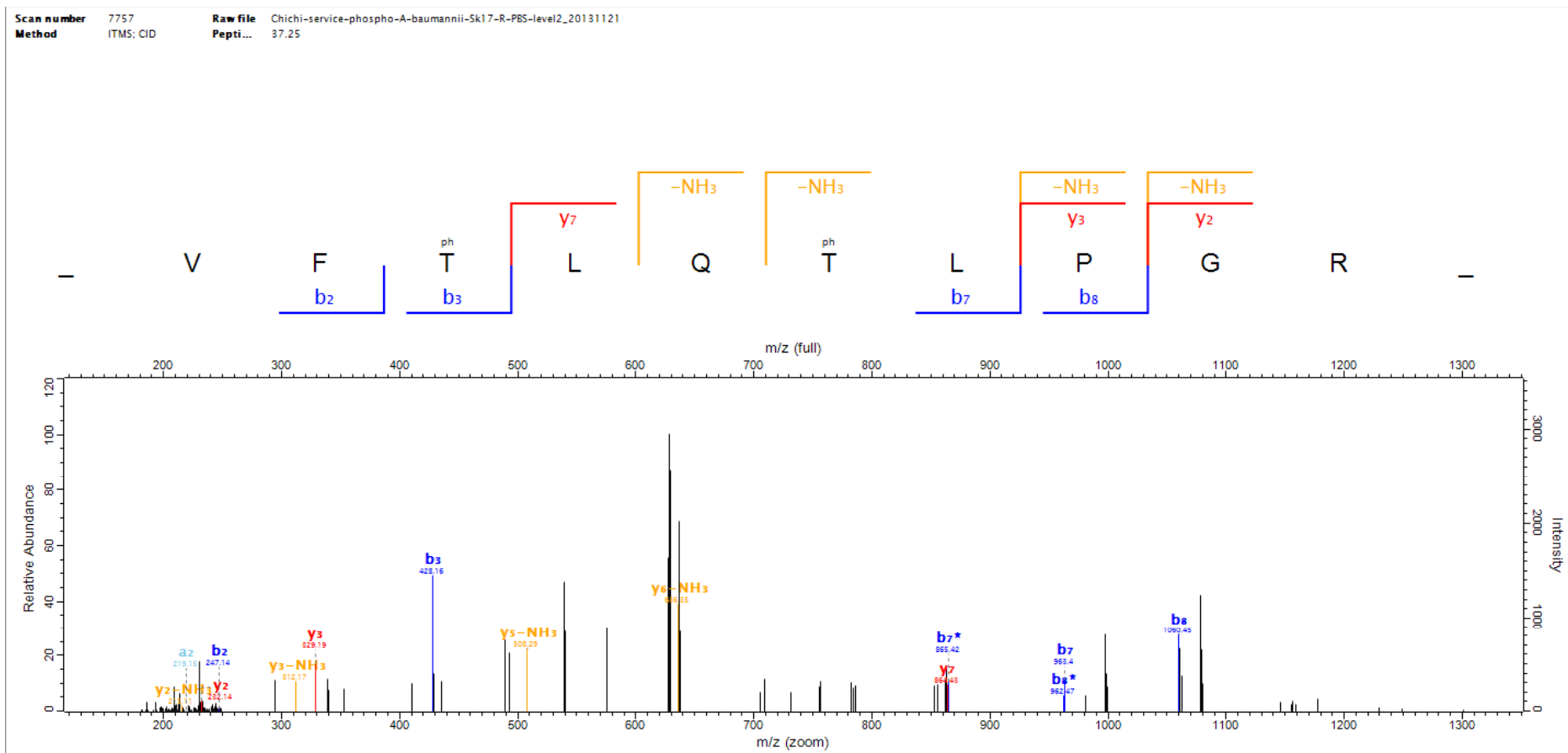


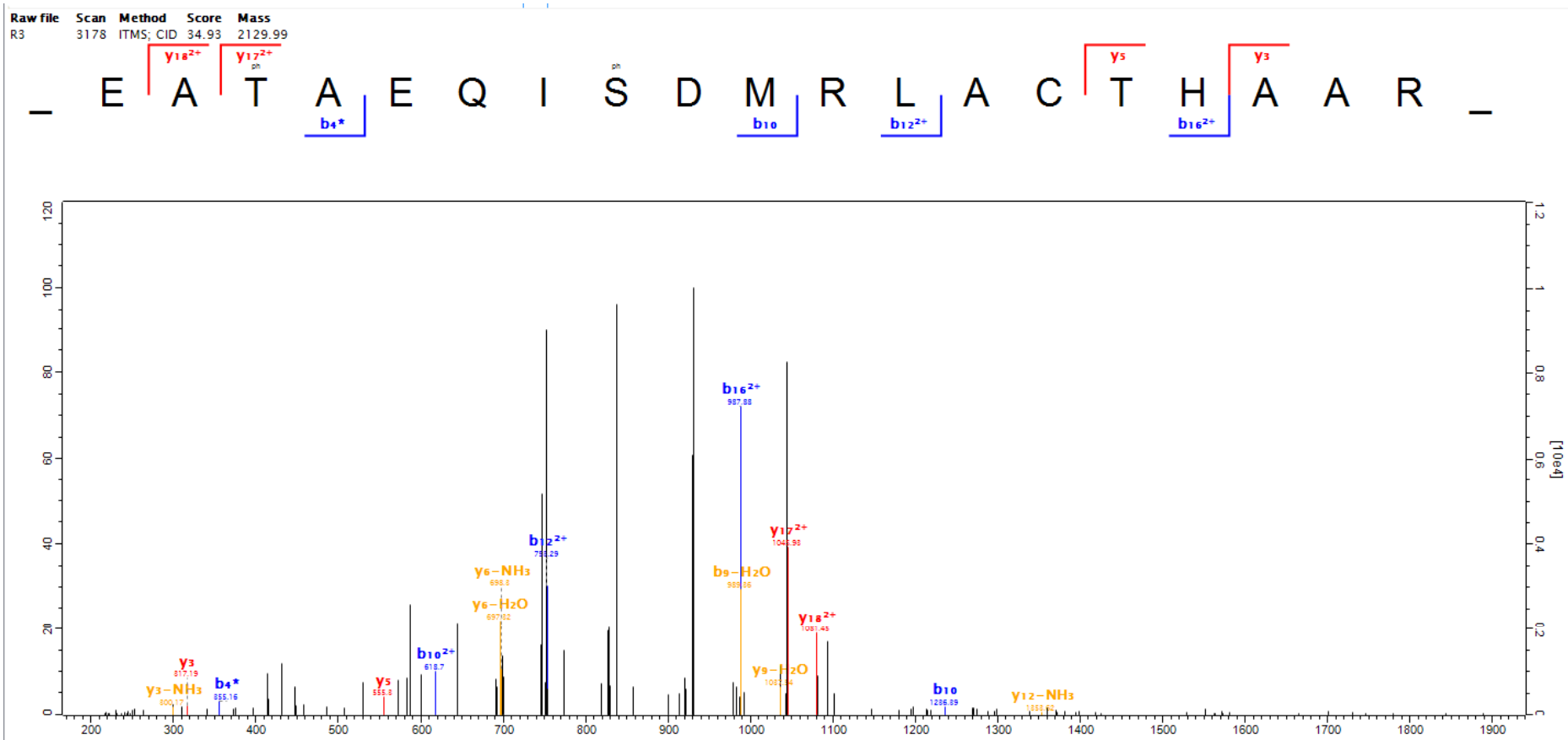




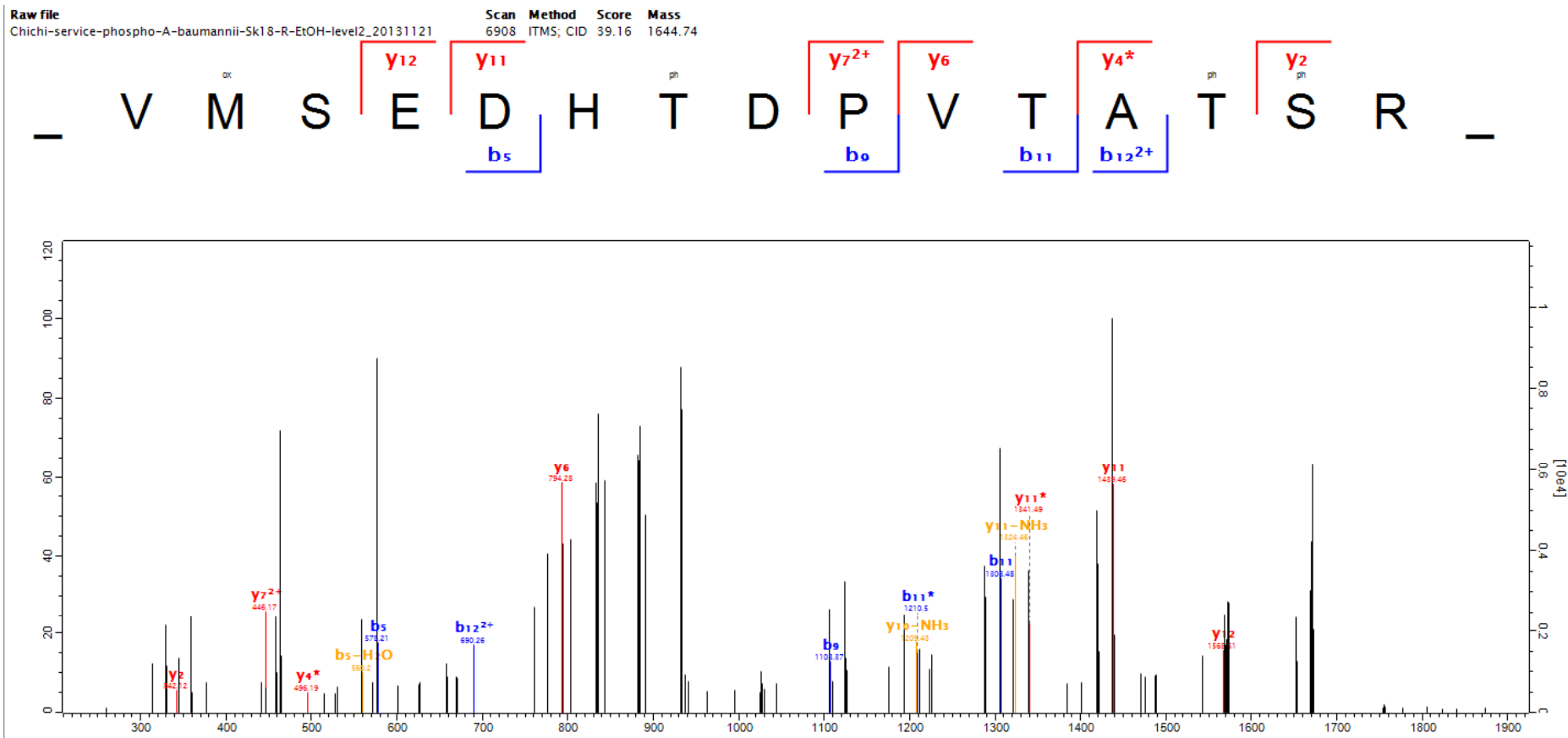
Scan number 14028 Raw file Chichi-service-phospho-A-baumanni-Sk1 8-R-PBS-level1_20131121
 Method ITMS: CID Pepti... 31.6



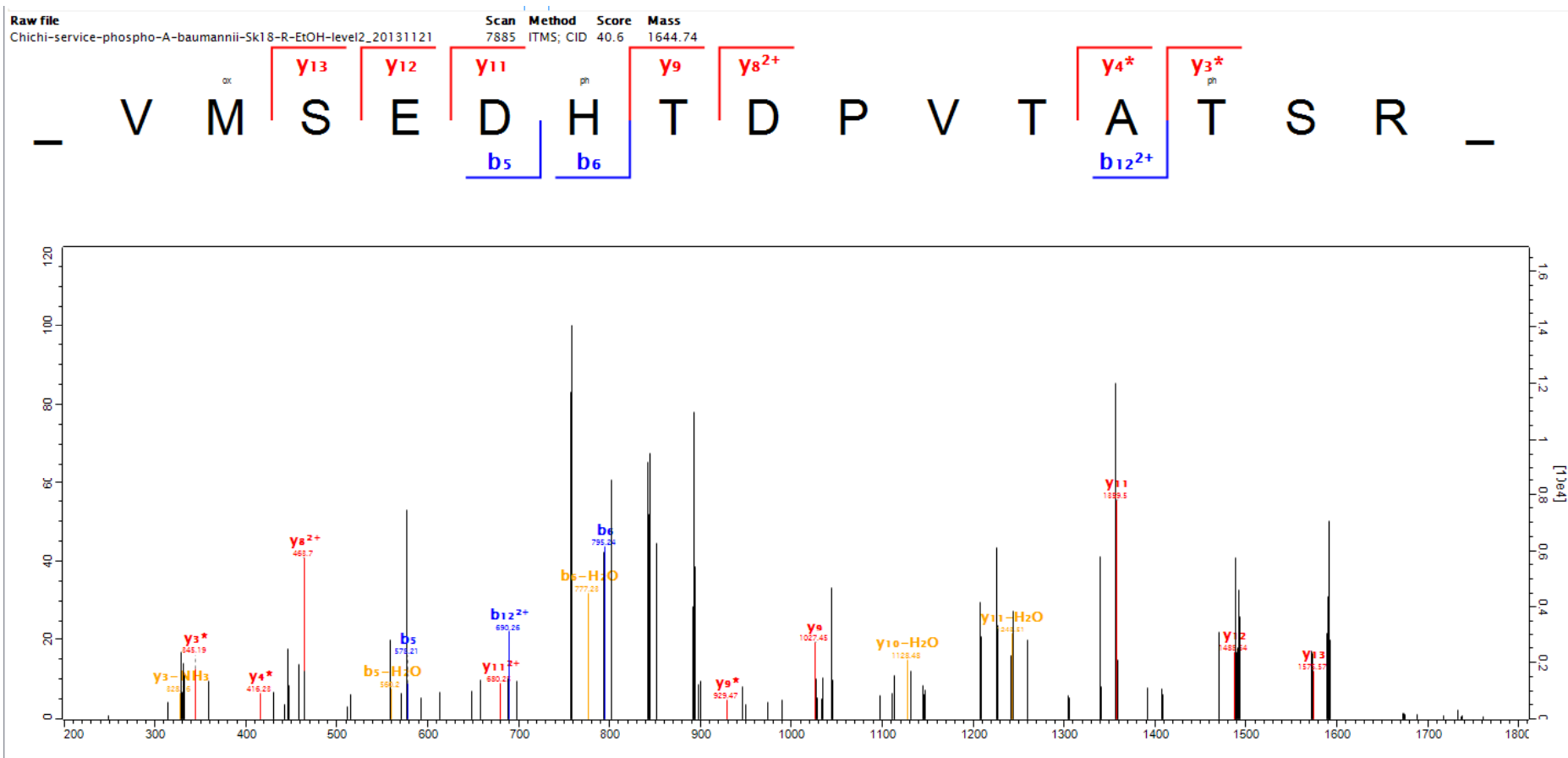




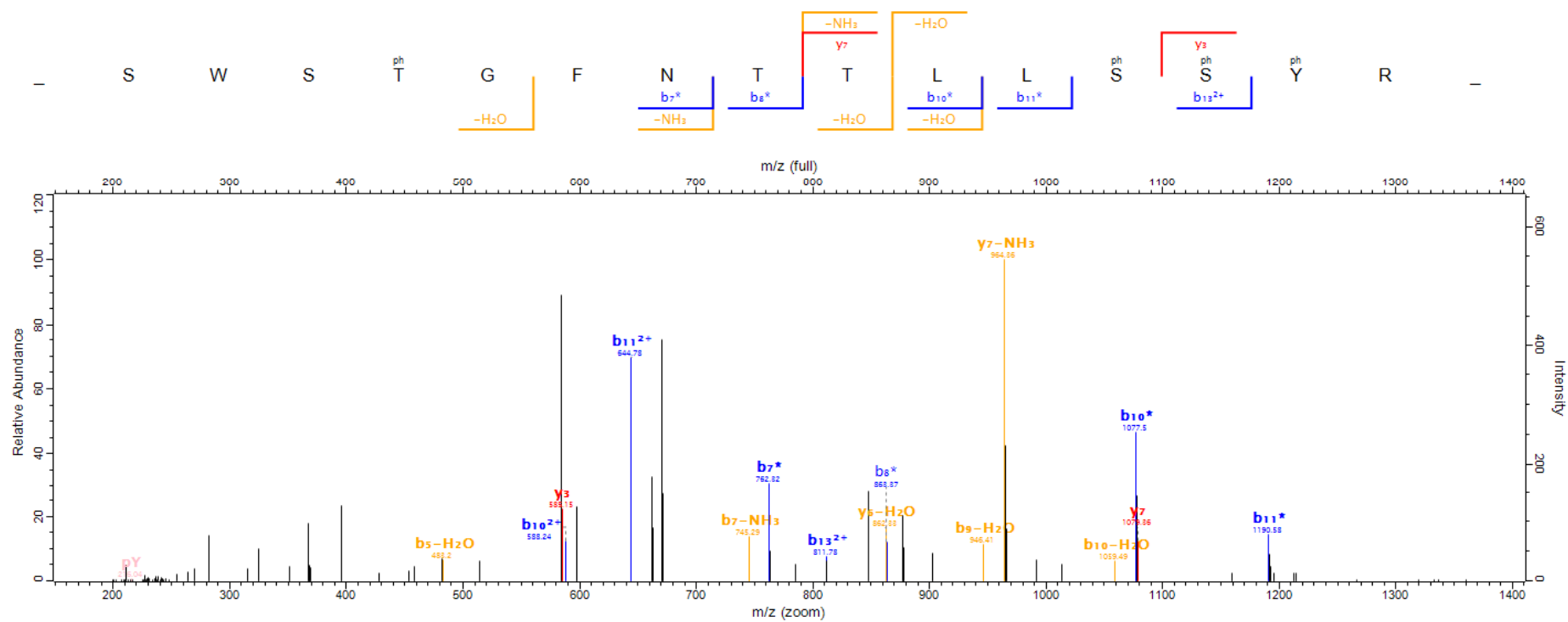
68-1



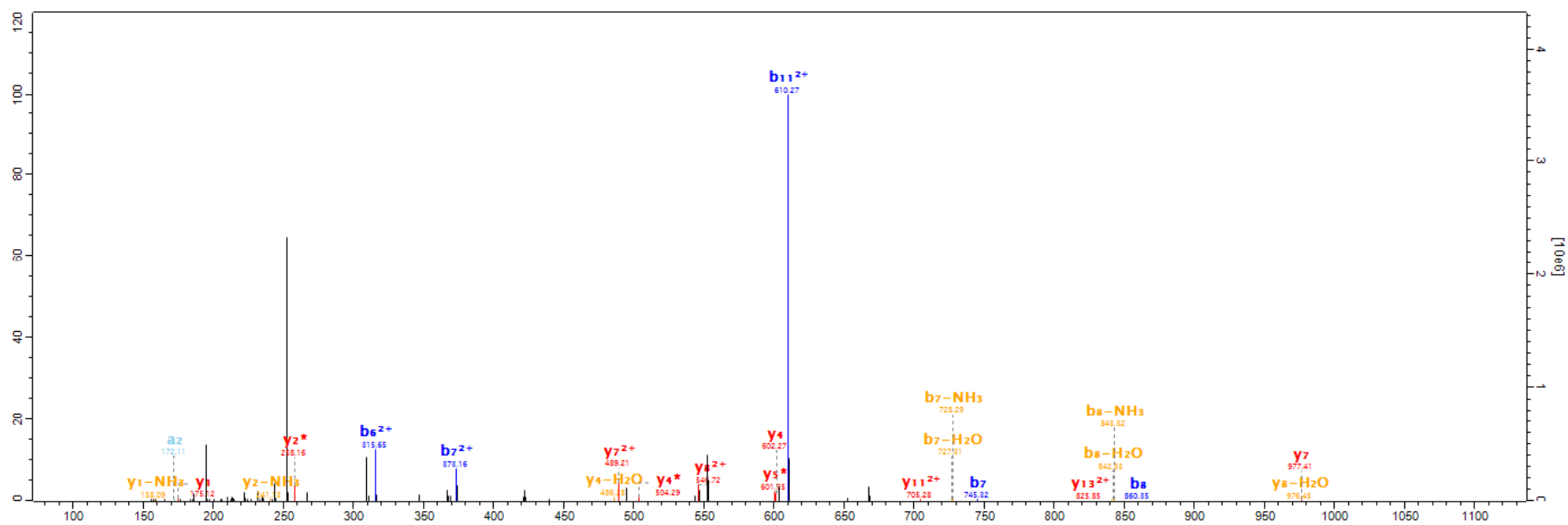
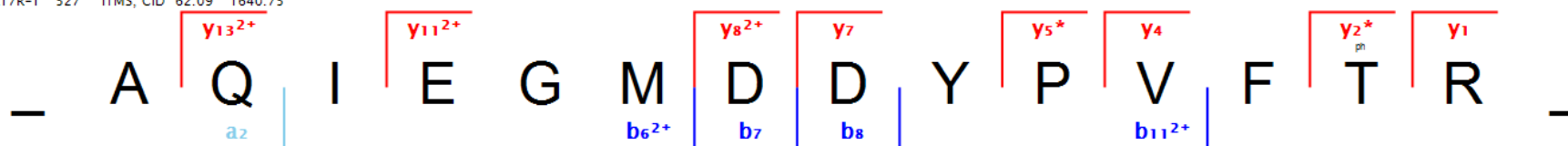
68-2

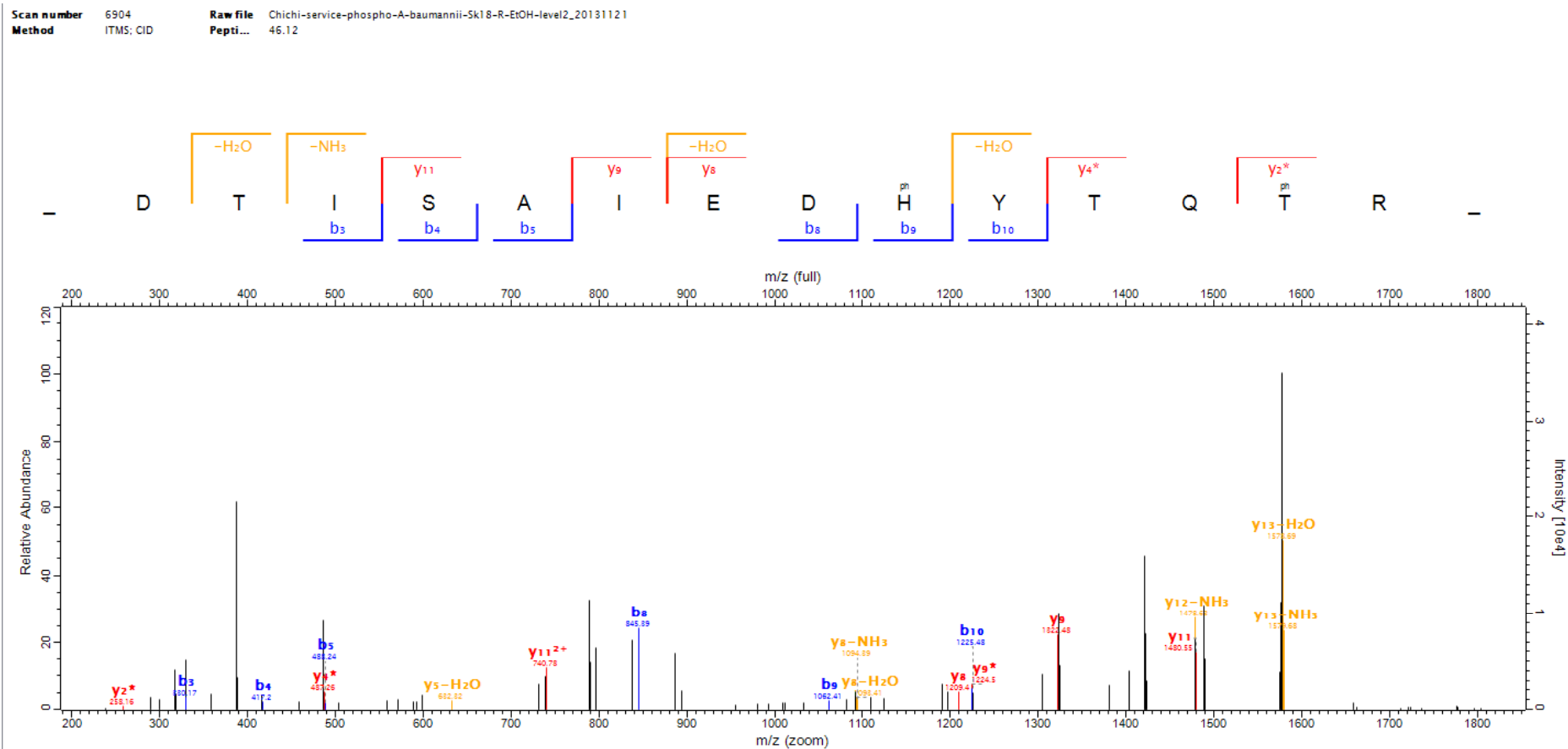


Scan number 5093 Raw file 20120521R101
 Method ITMS: CID Pepti... 45.35

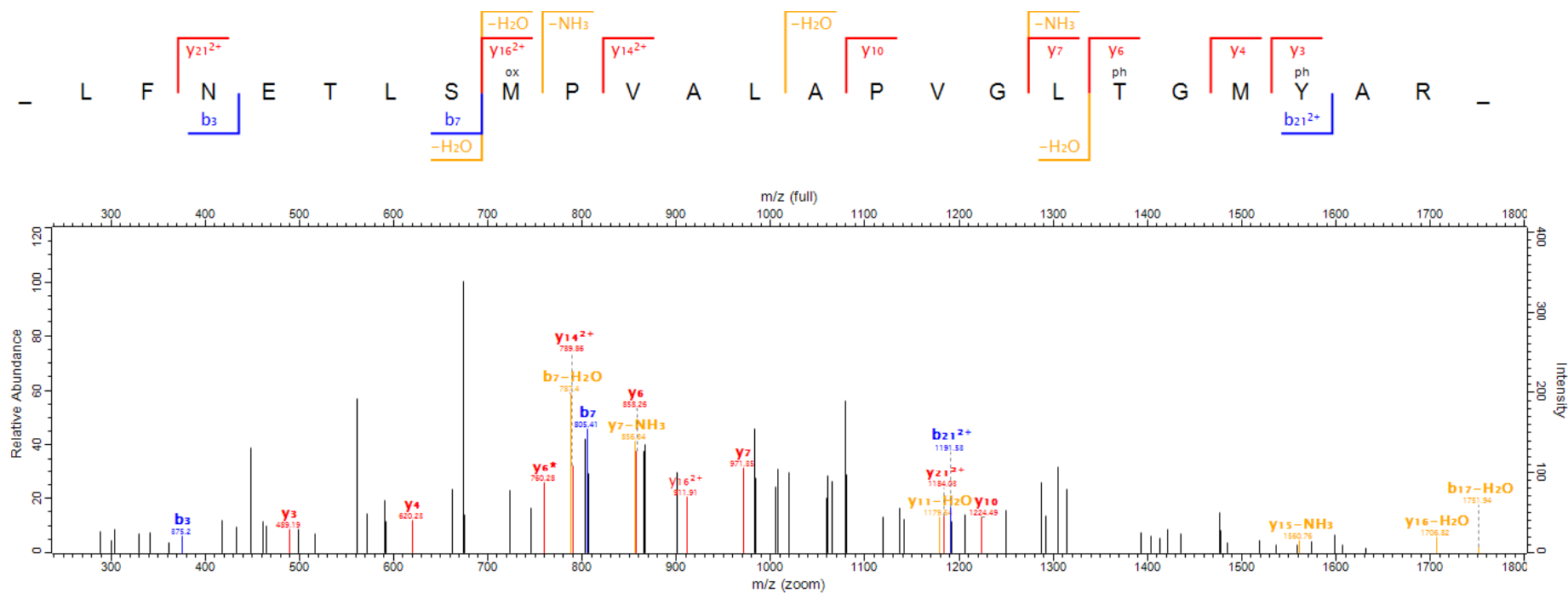


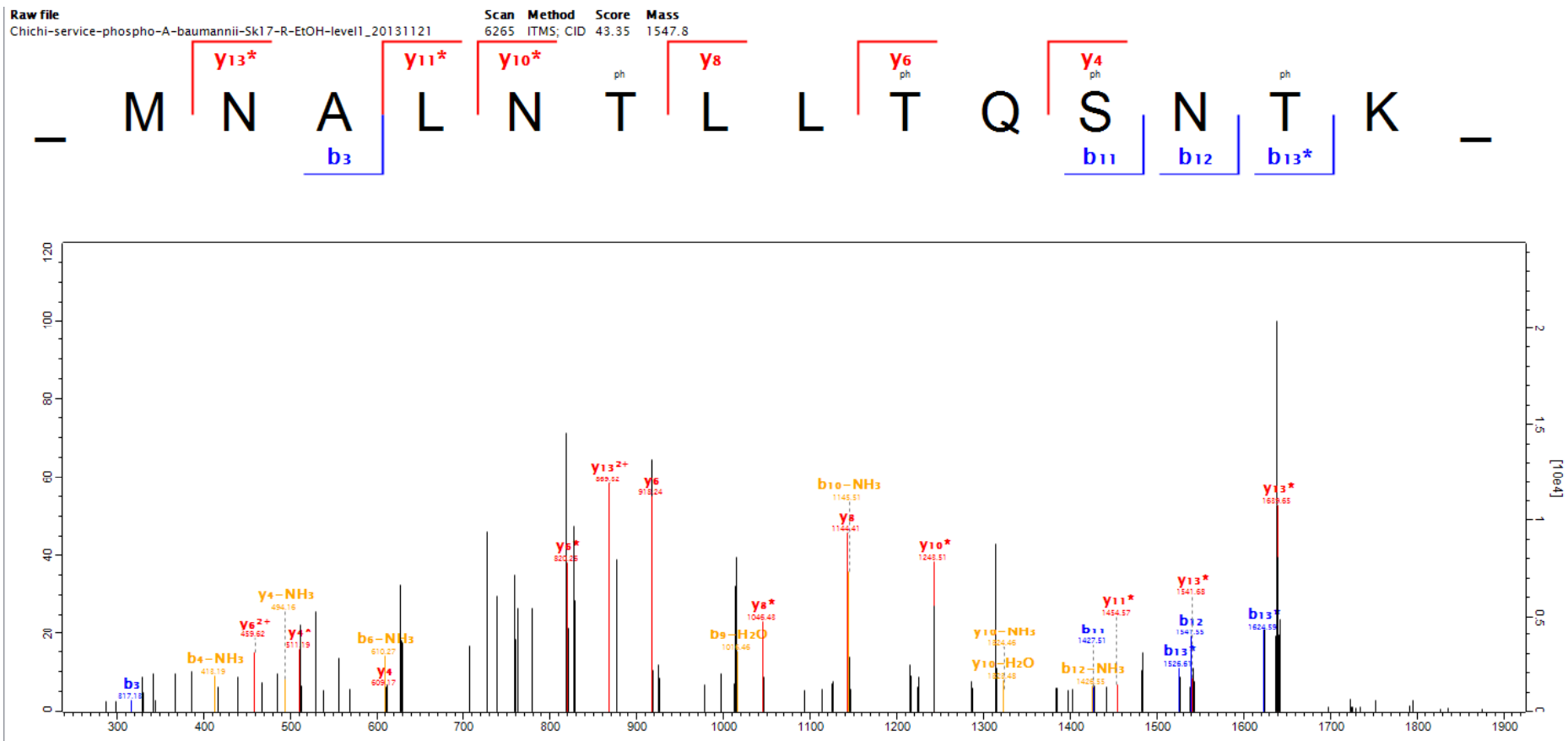
Raw file SK17R-1 Scan 527 Method ITMS; CID Score 62.09 Mass 1640.75

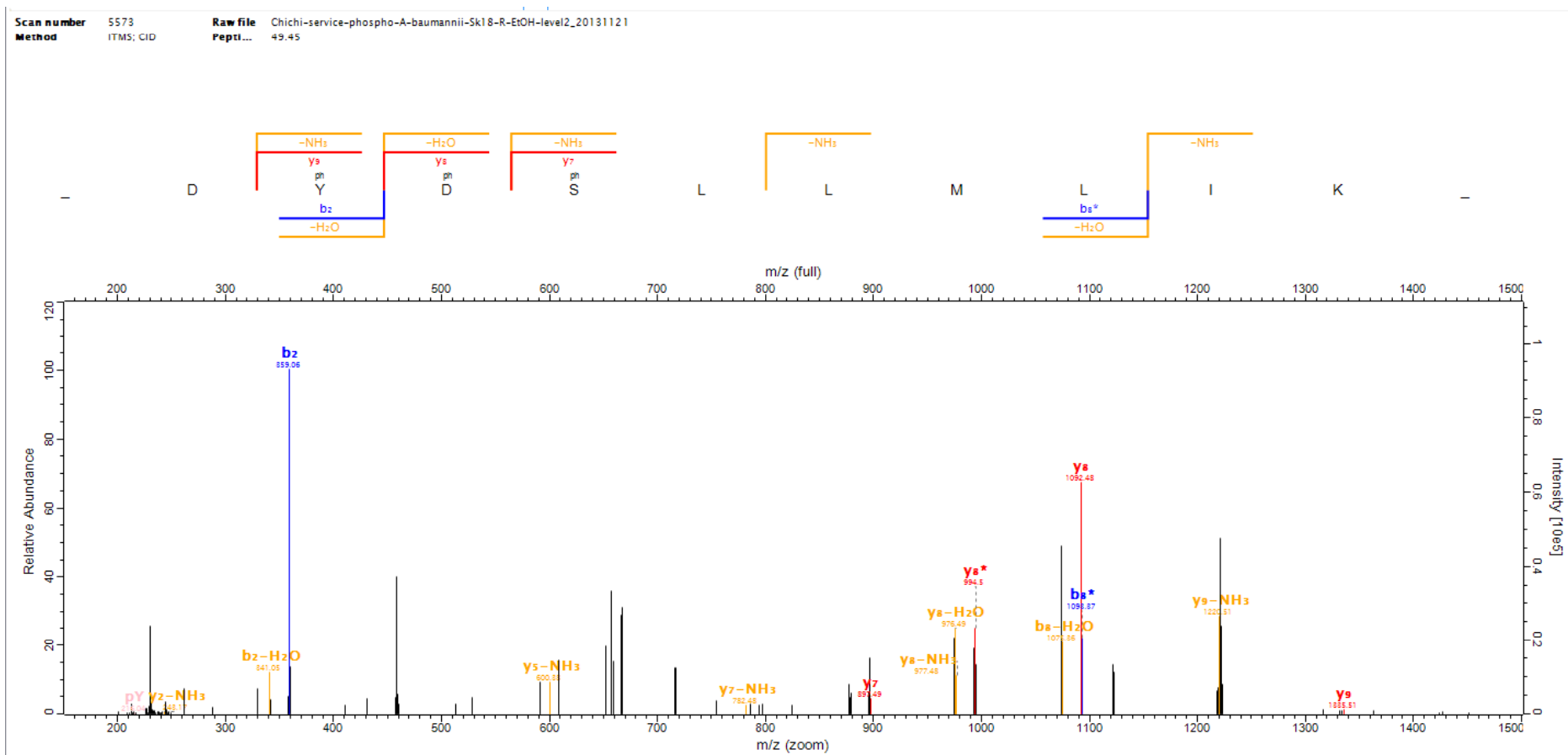




Scan number 4964 Rawfile 17R-7
 Method ITMS; CID Pepti... 35.99

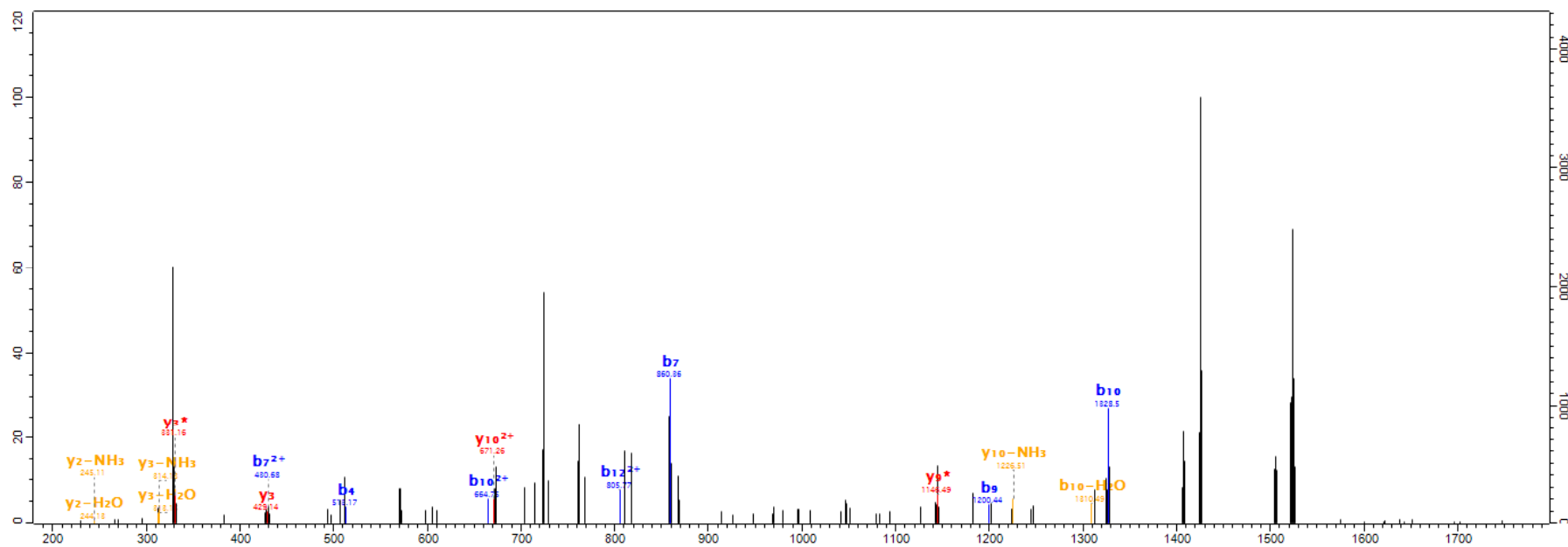
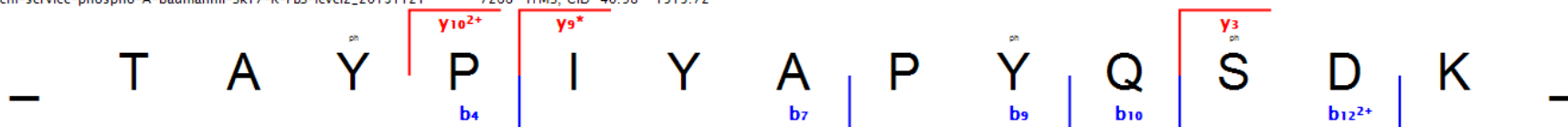


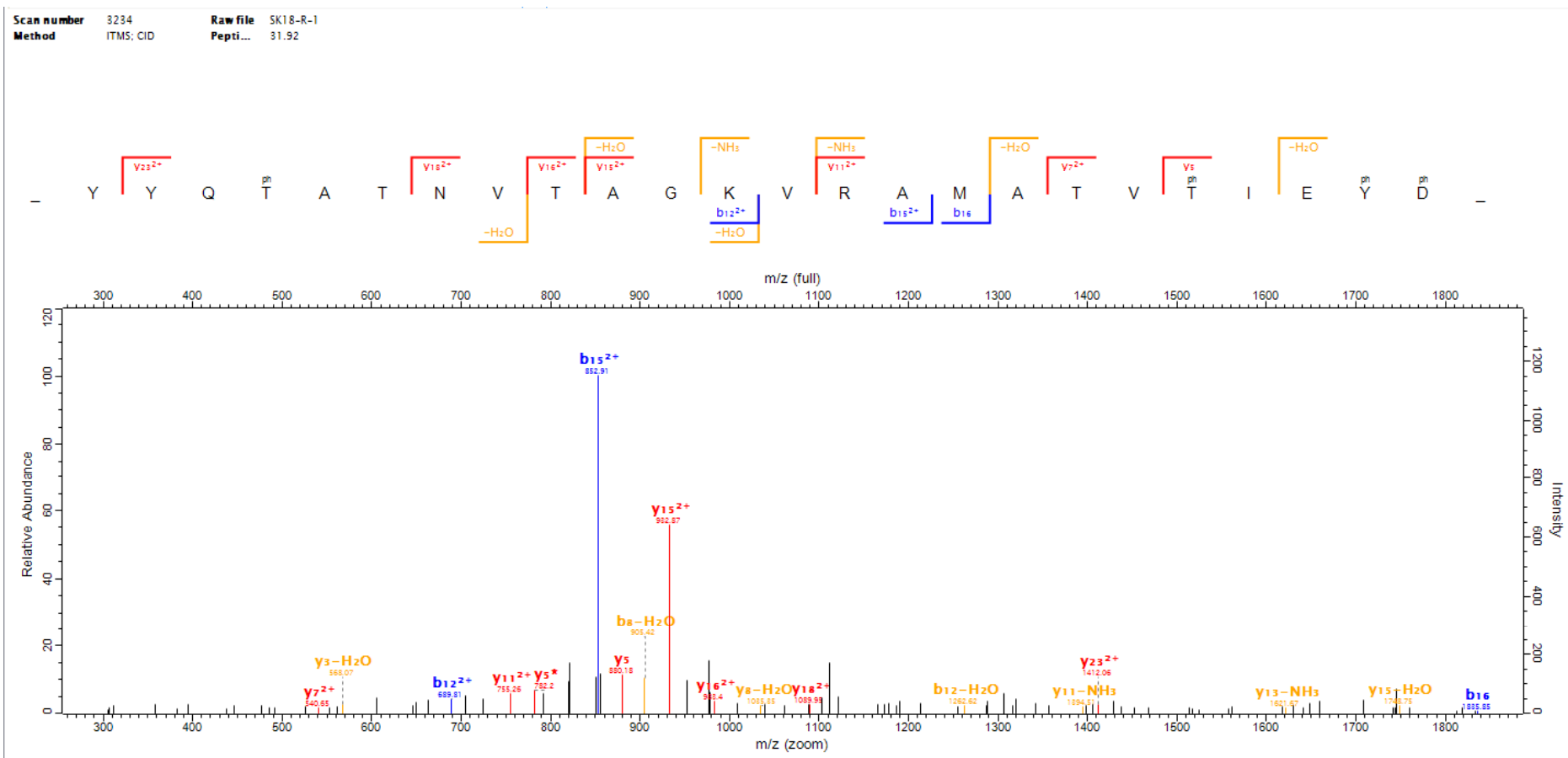




Raw file
Chichi-service-phospho-A-baumannii-Sk17-R-PBS-level2_20131121

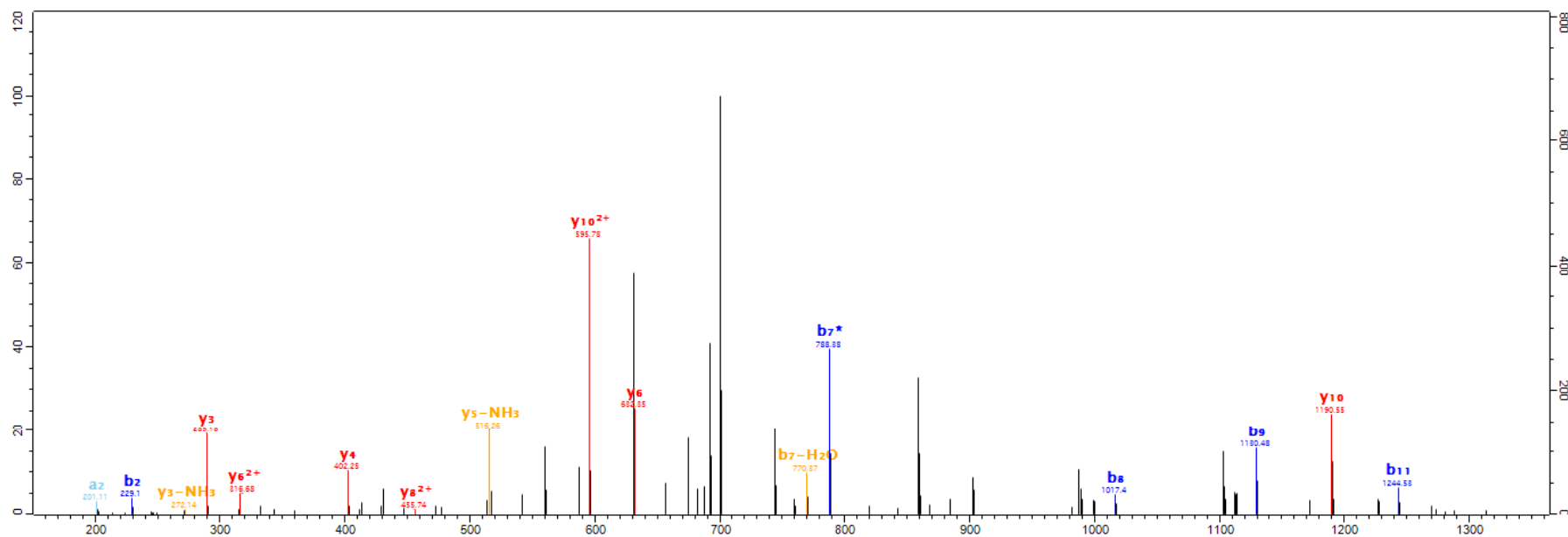
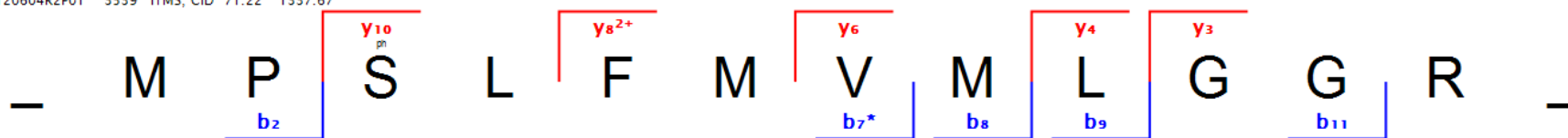
Scan 7266 Method ITMS; CID Score 40.98 Mass 1515.72

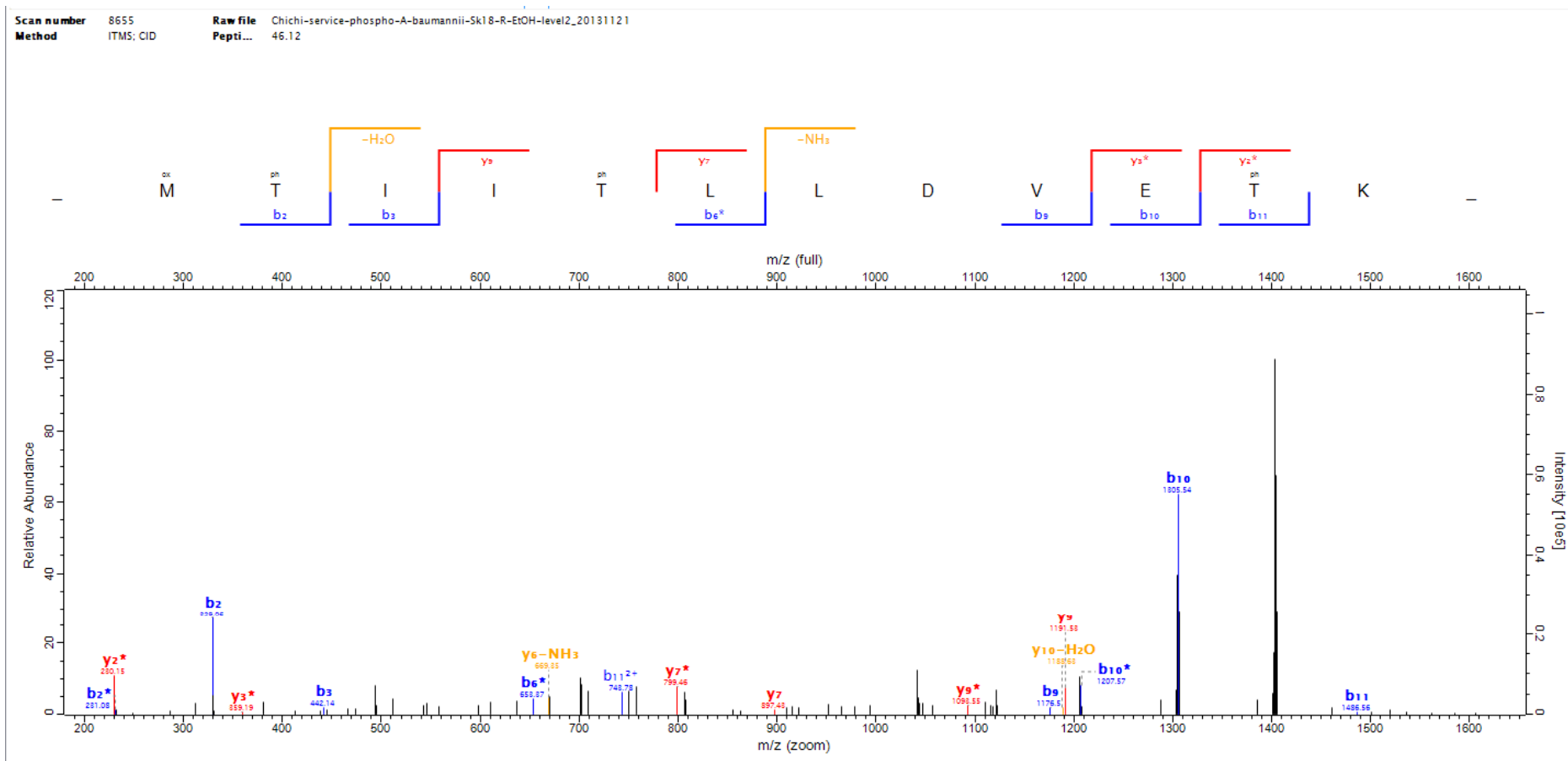


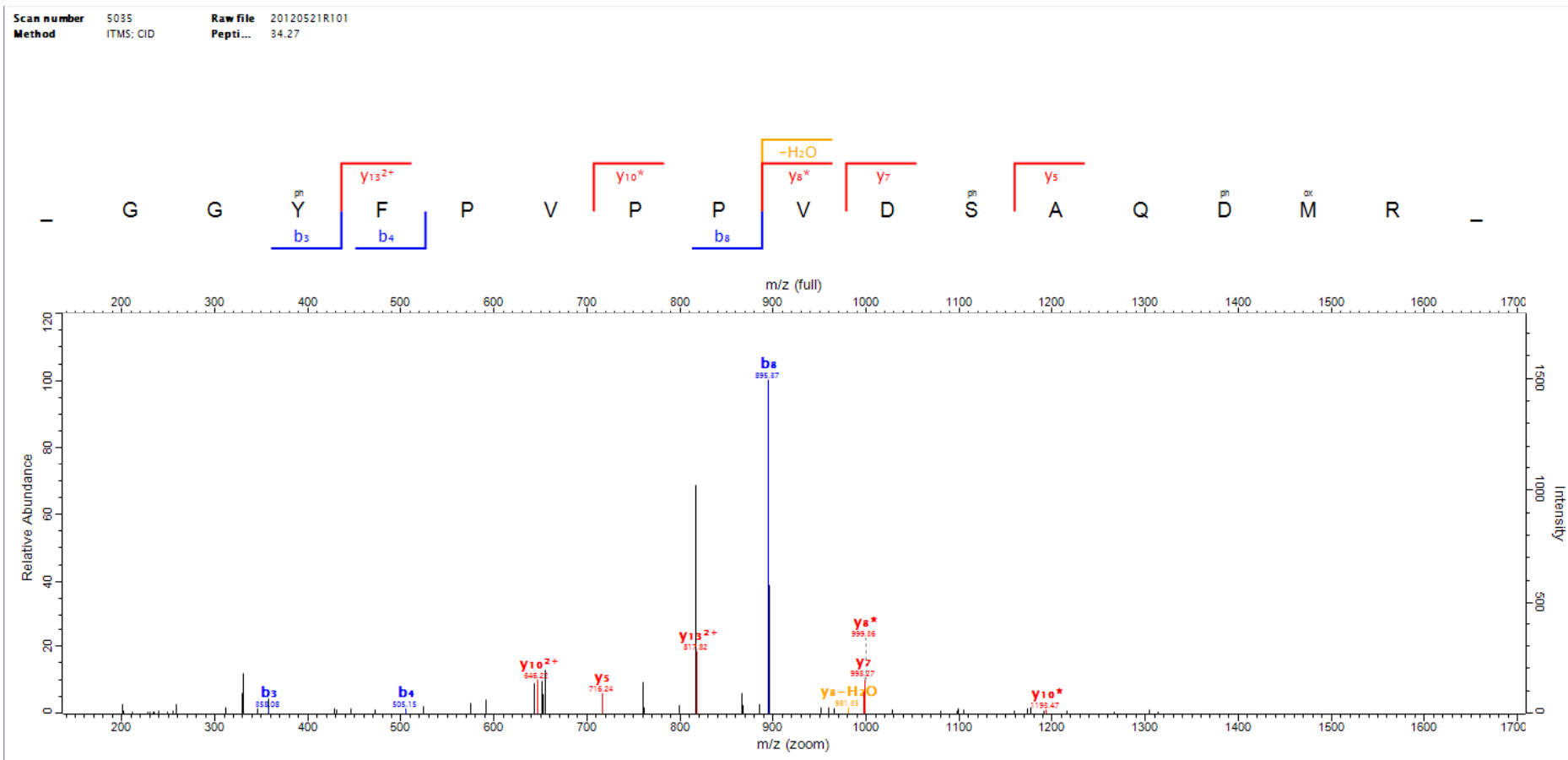


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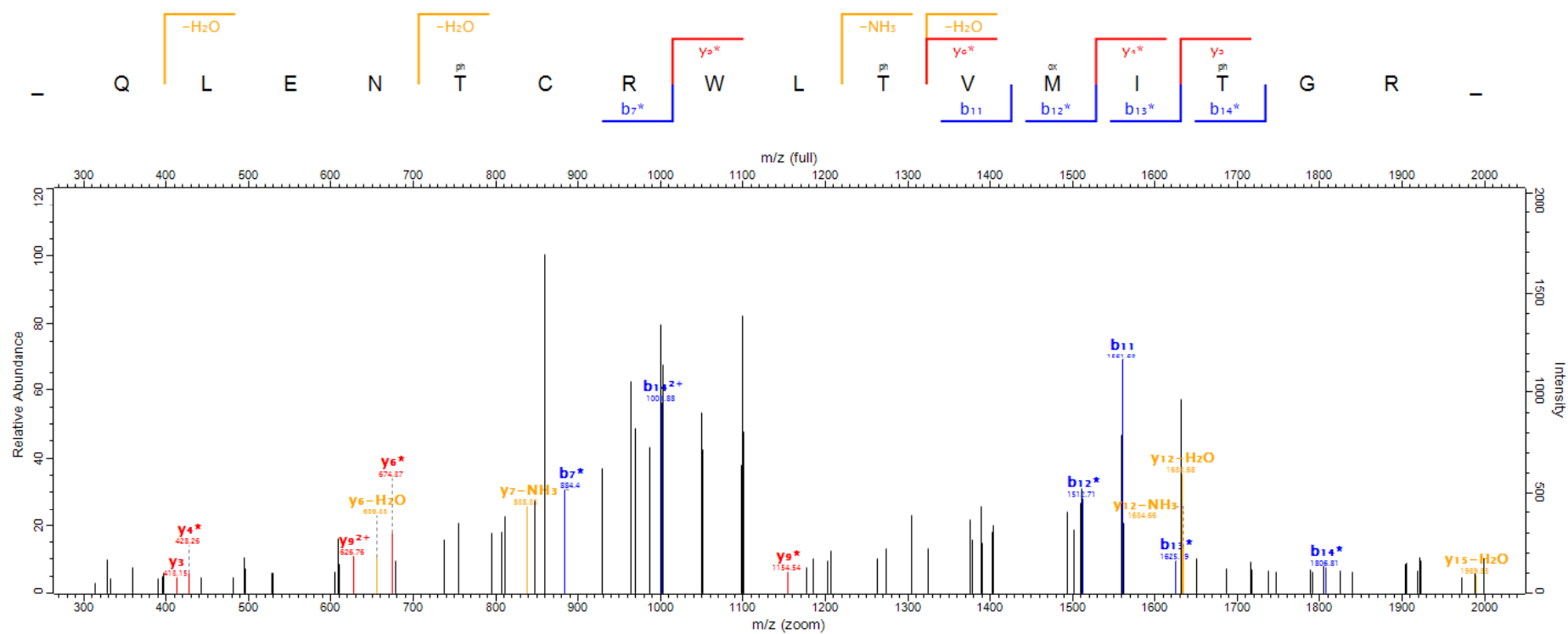
Raw file 20120604R2P01 Scan Method 3539 ITMS; CID Score 71.22 Mass 1337.67

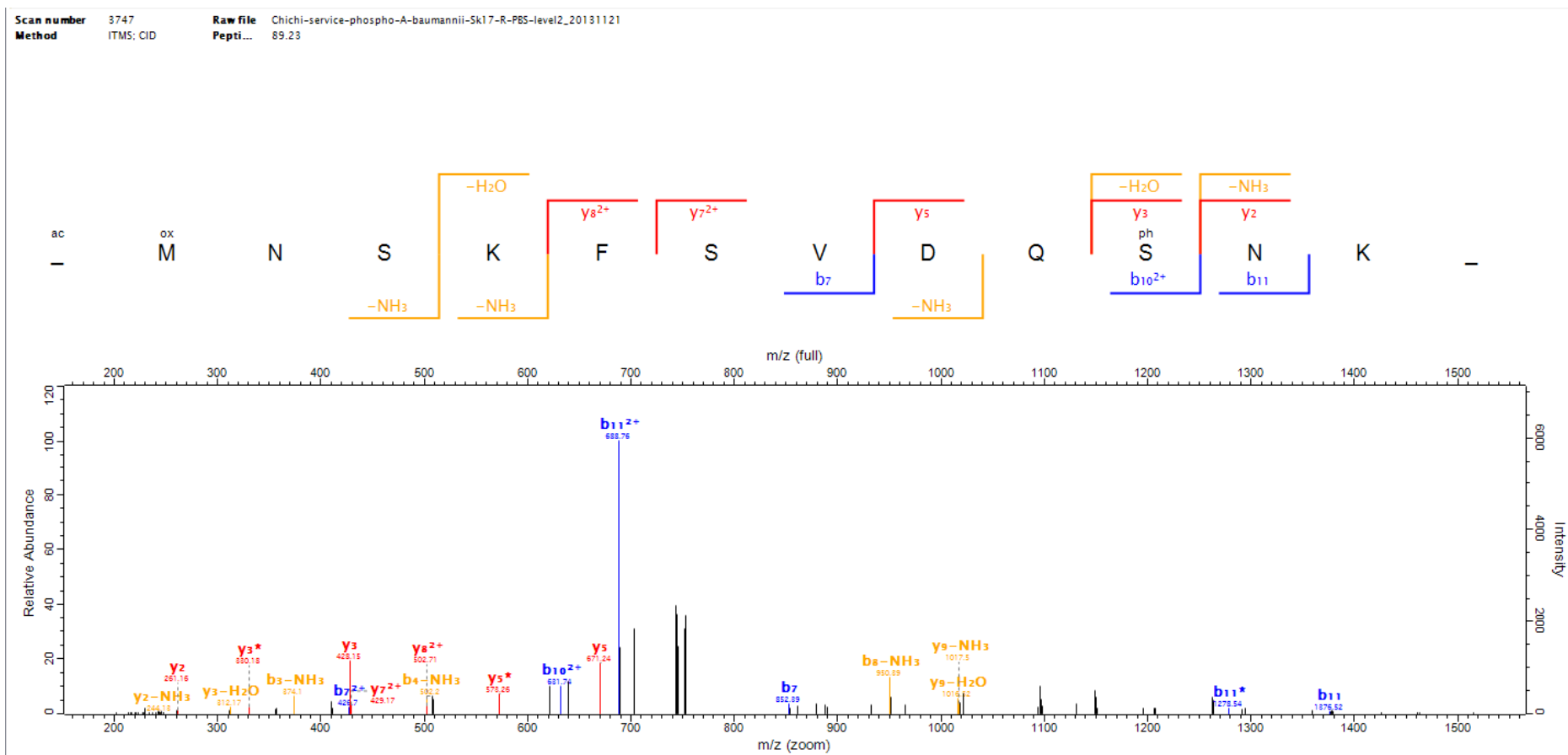


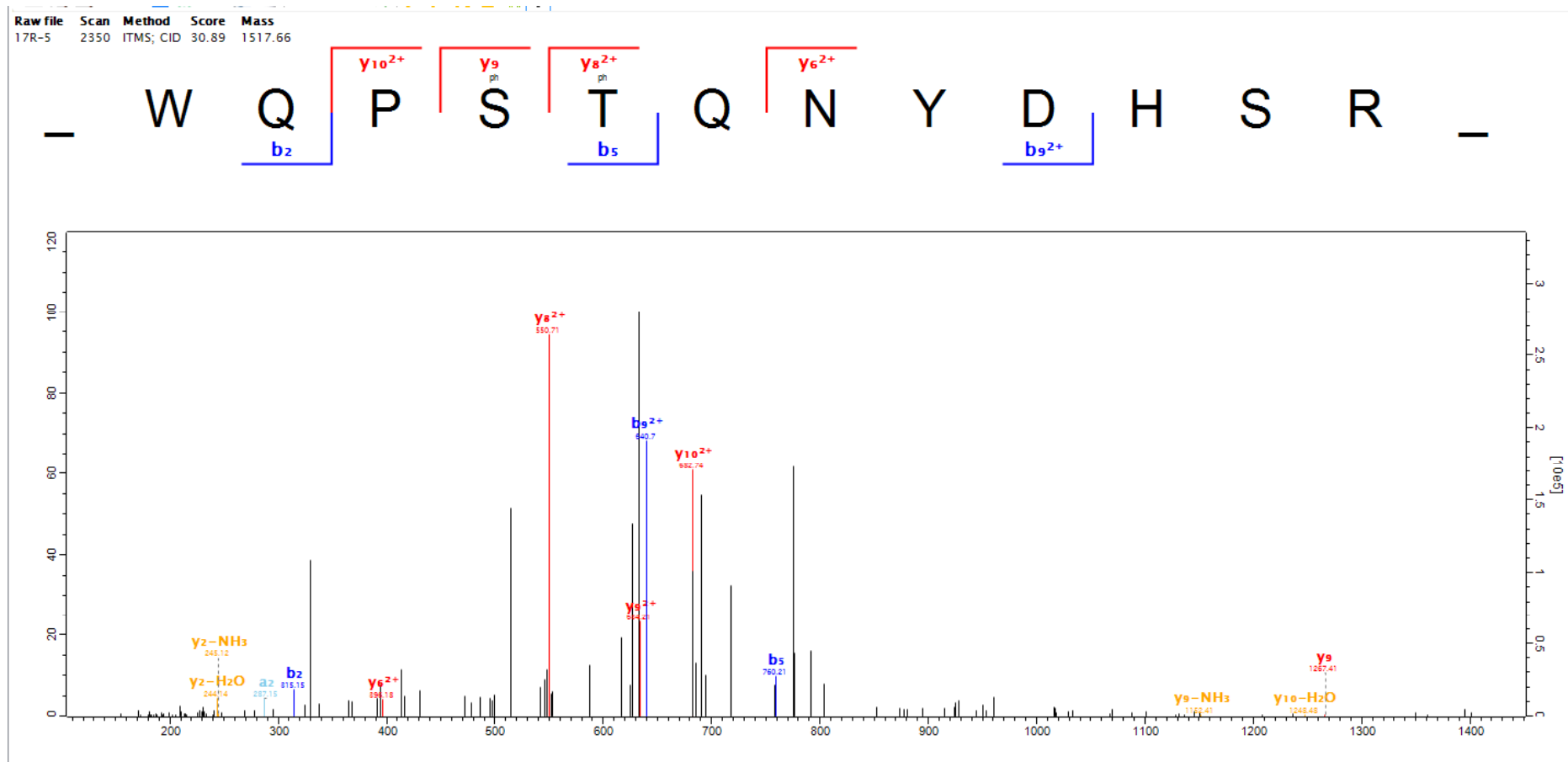


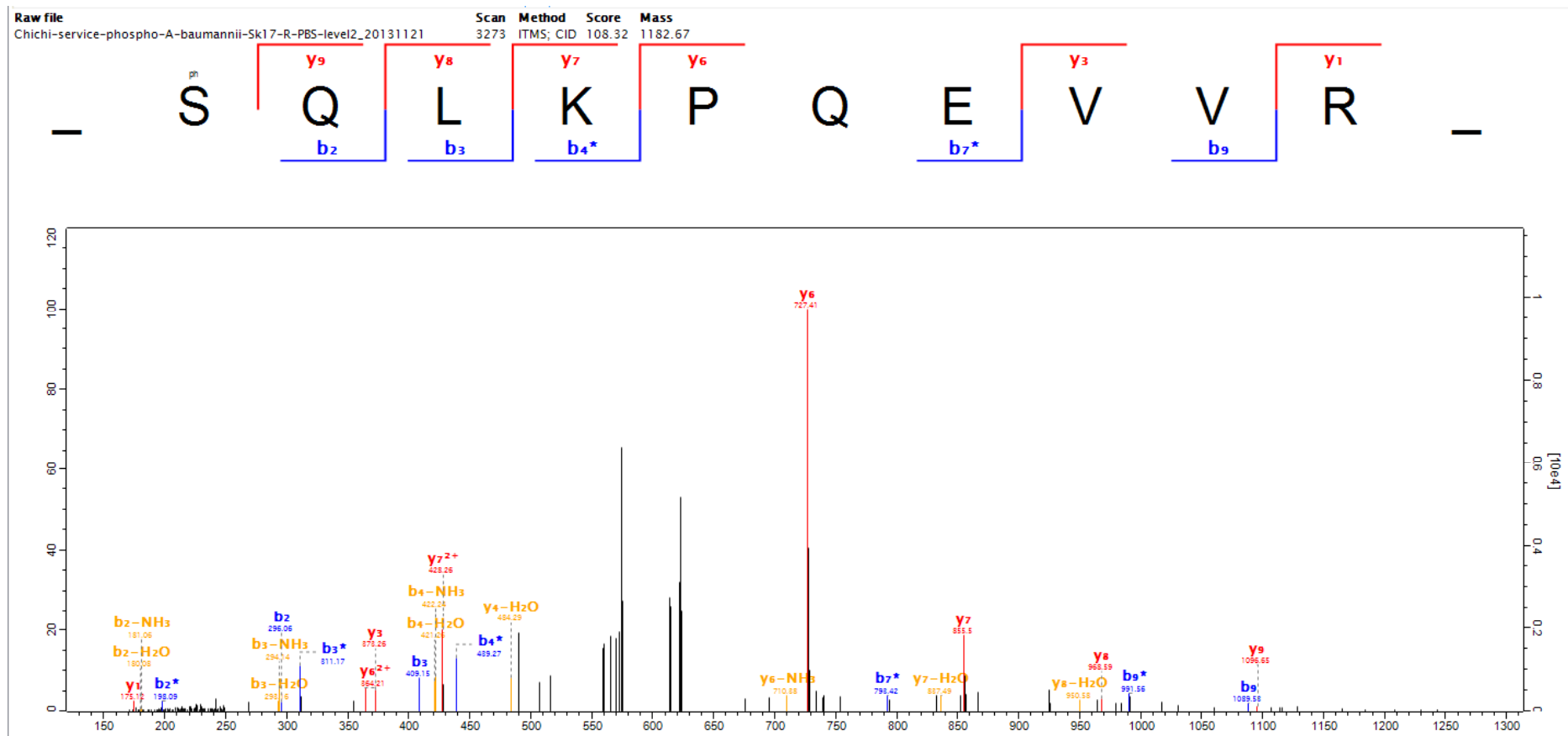


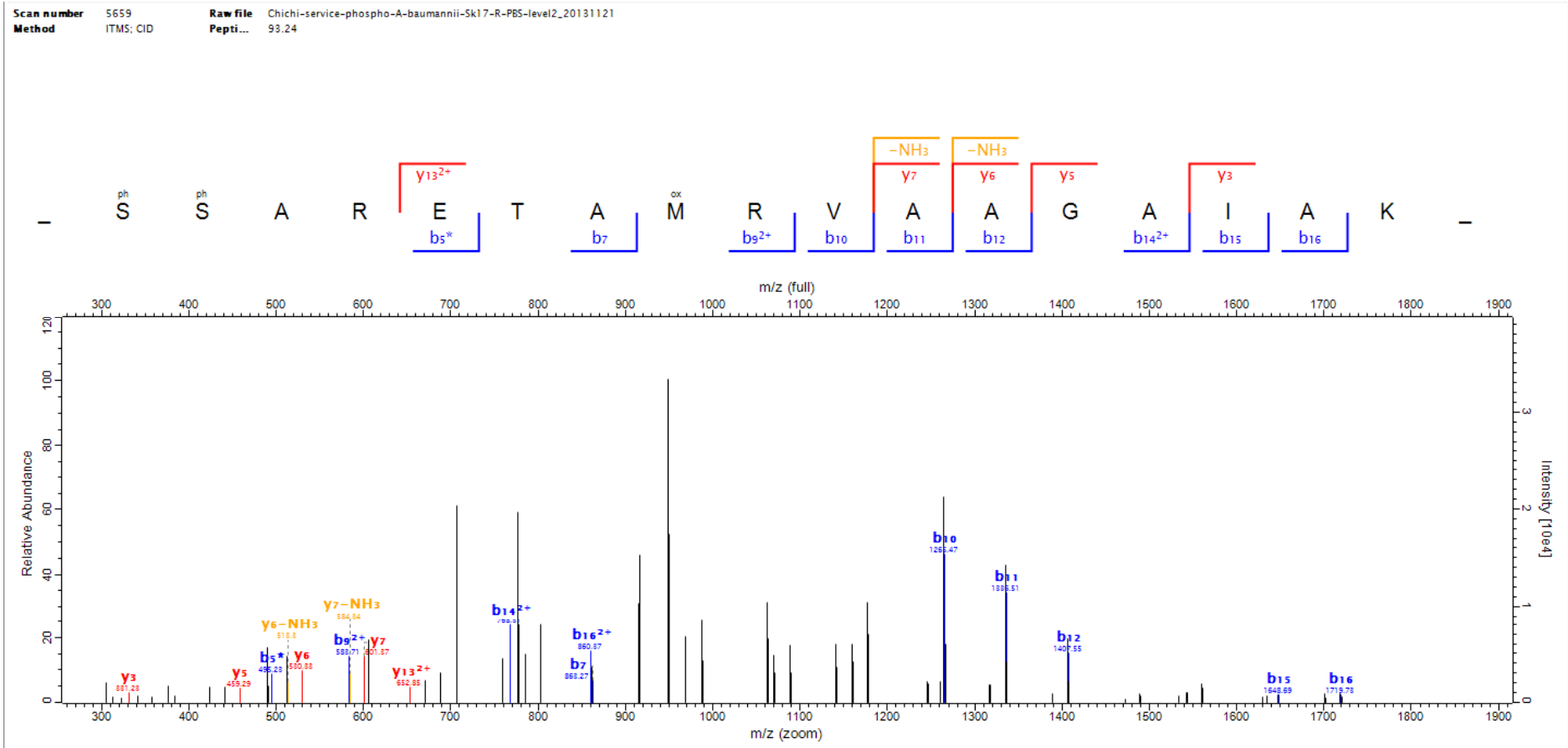
Scan number 7852 Raw file Chichi-service-phospho-A-baumannii-Sk18-R-EtOH-level2_20131121
 Method ITMS: CID Pepti... 31.36

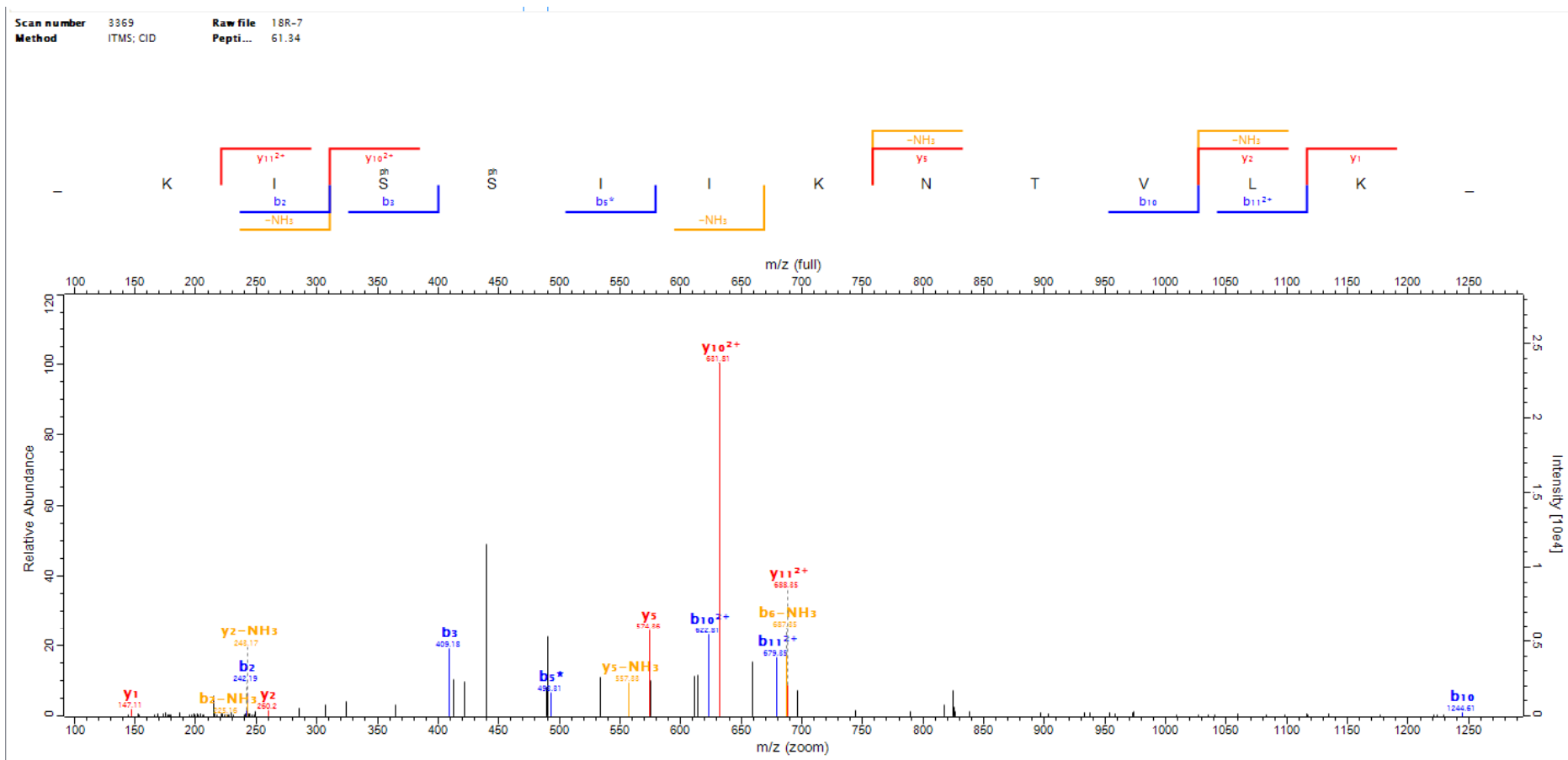


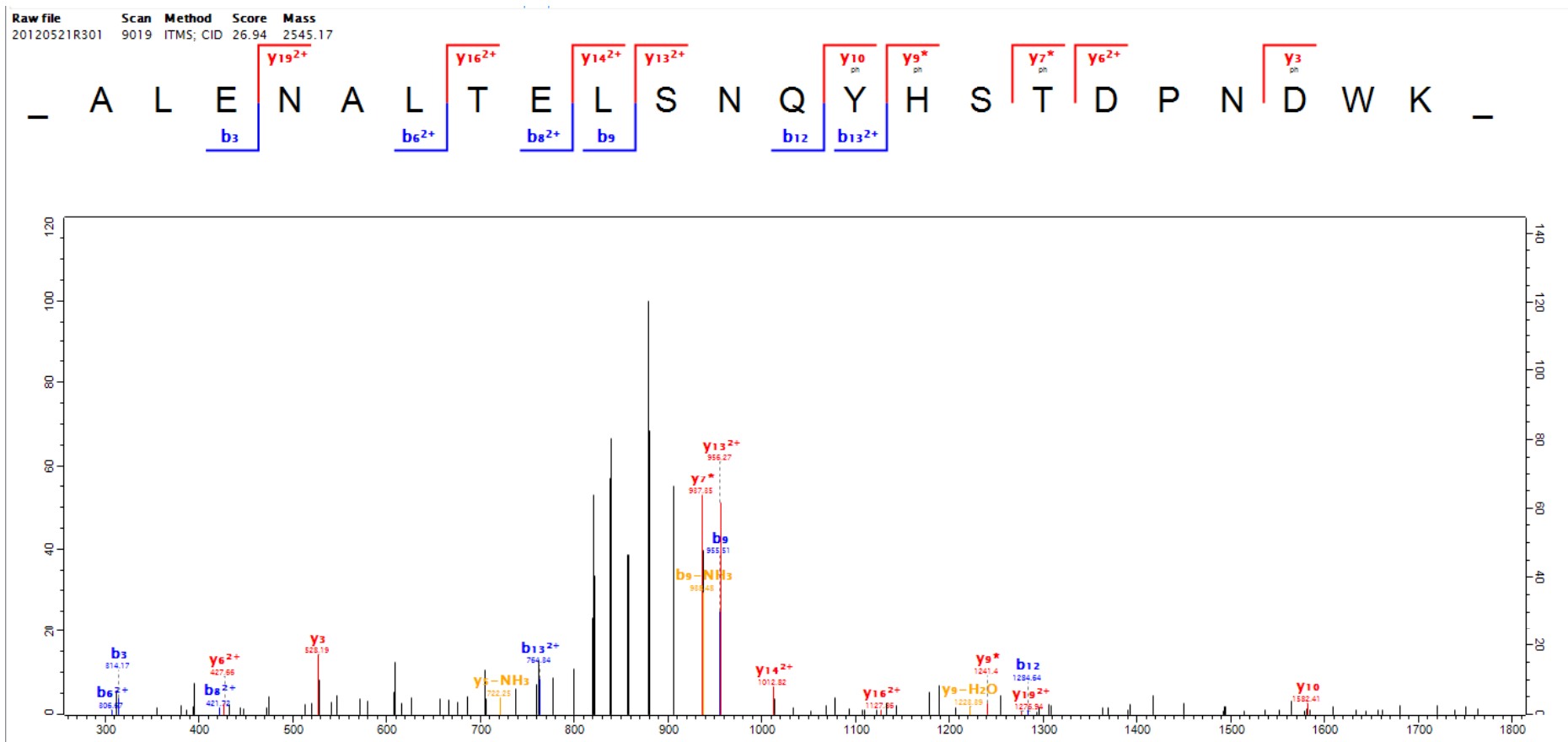


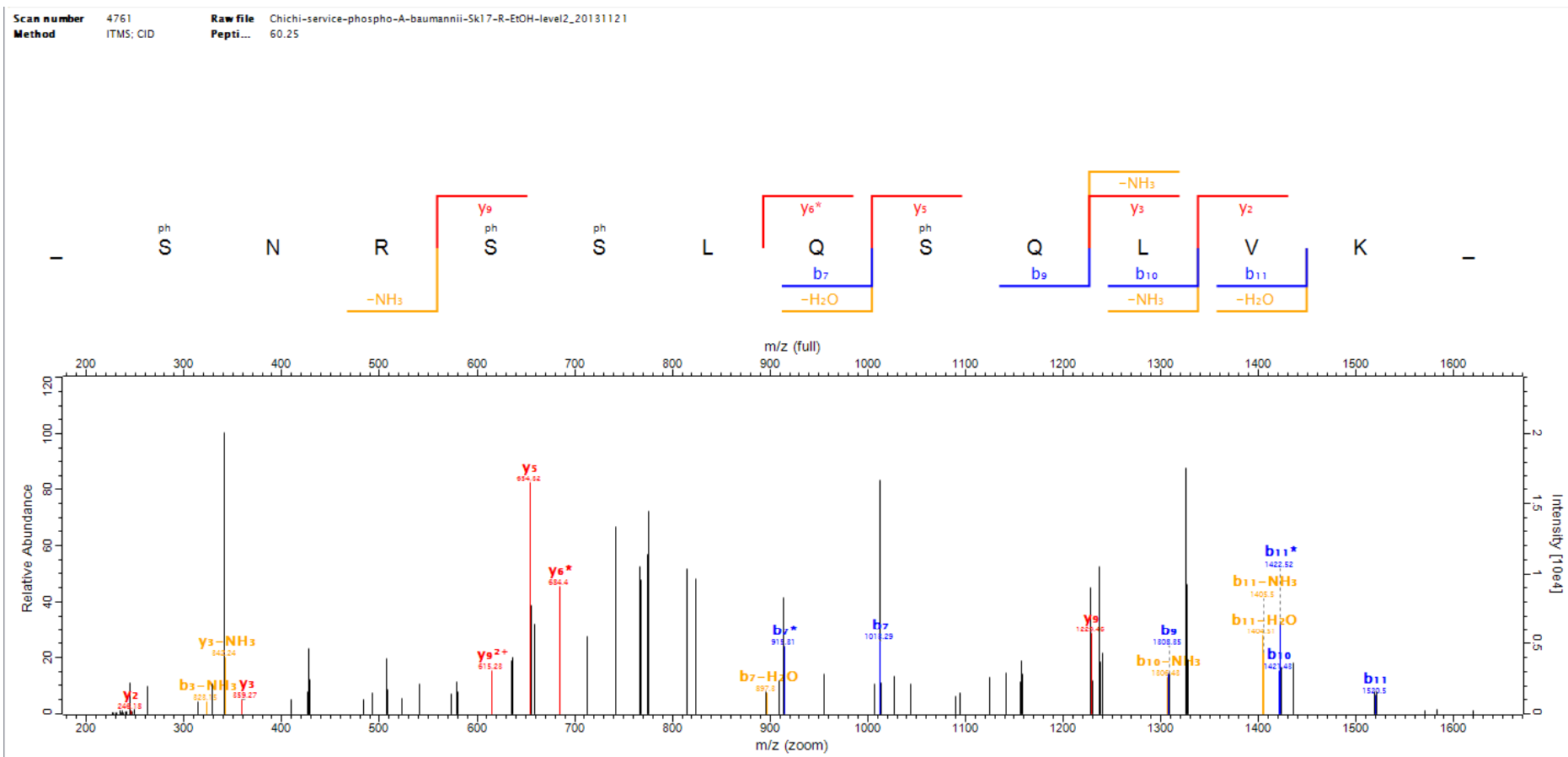


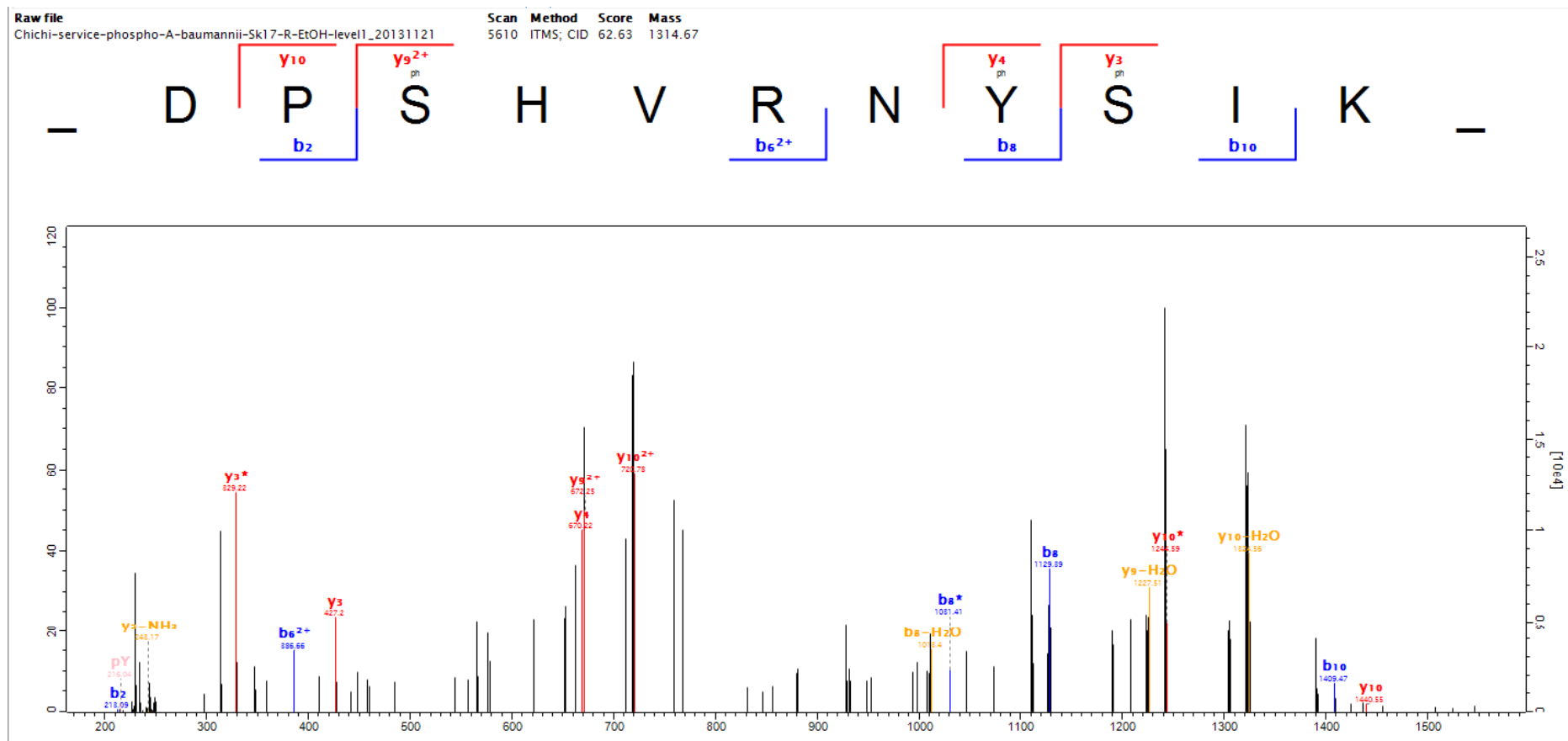


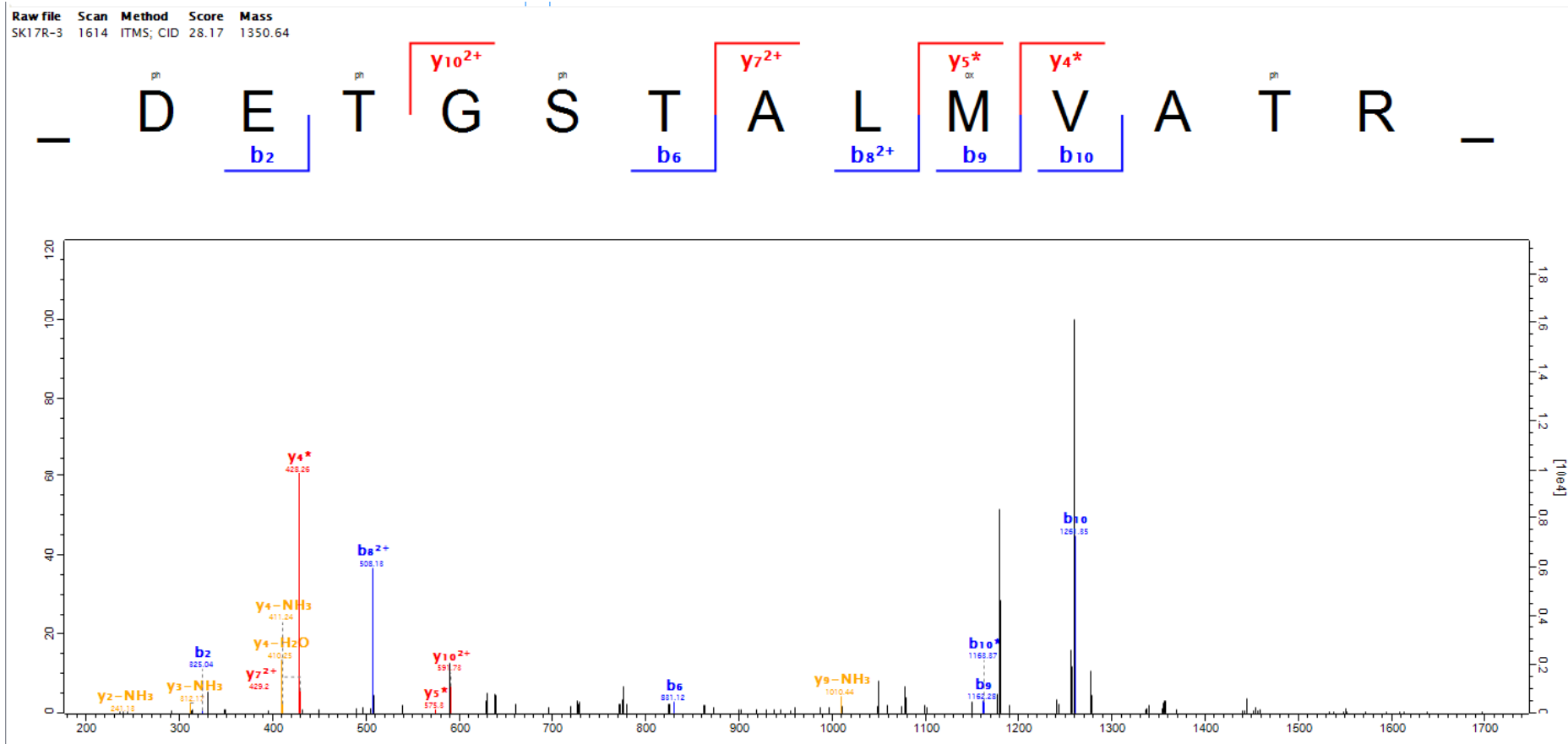


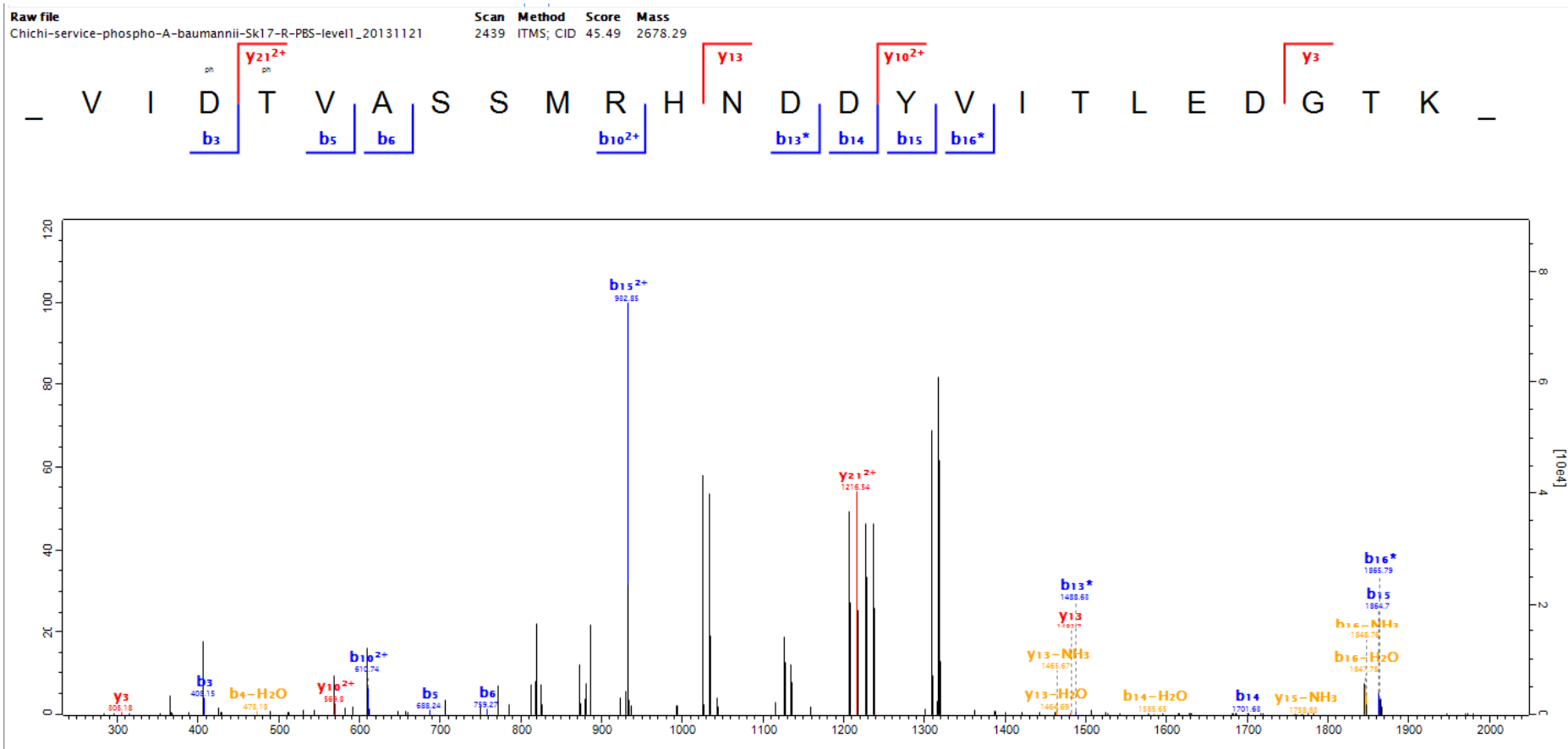


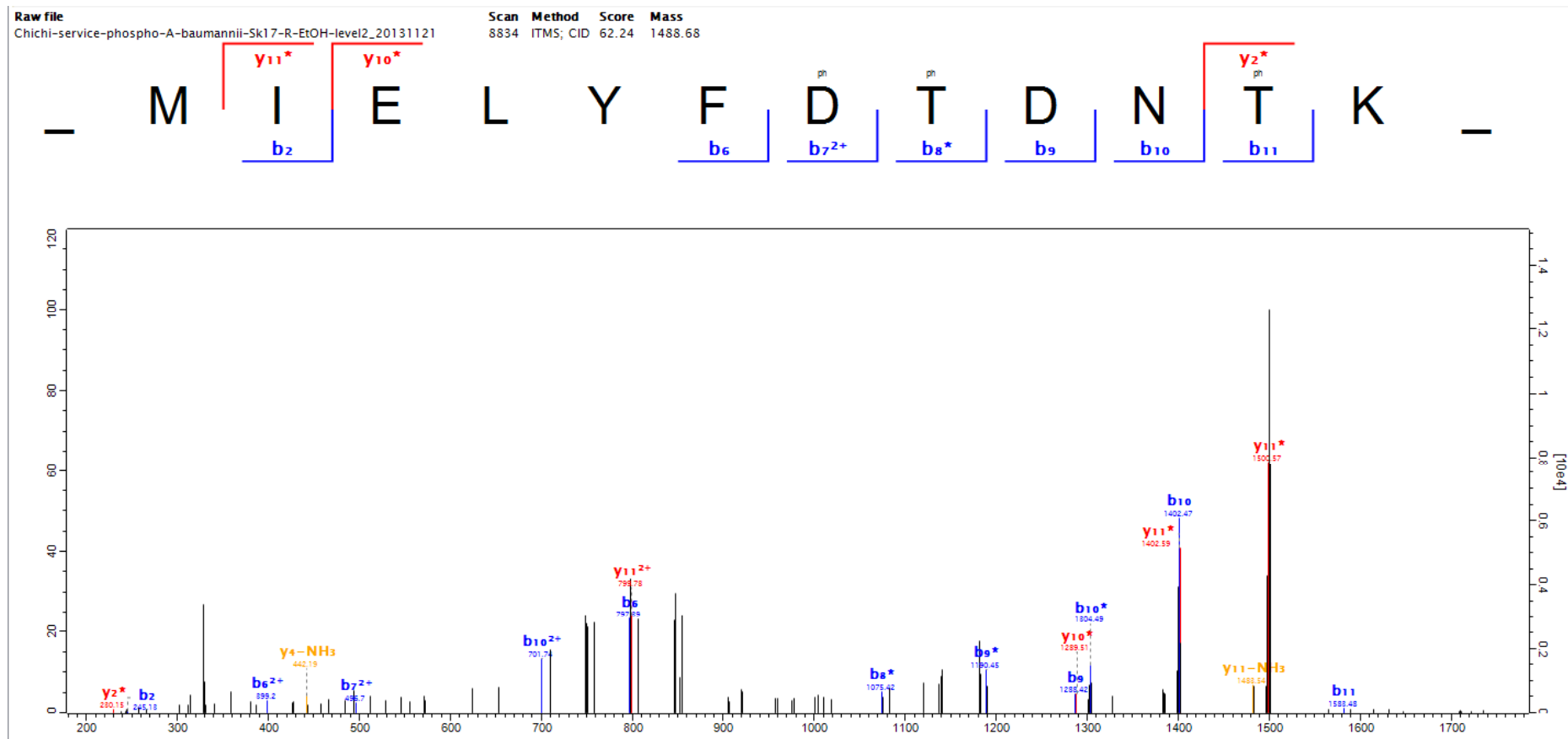


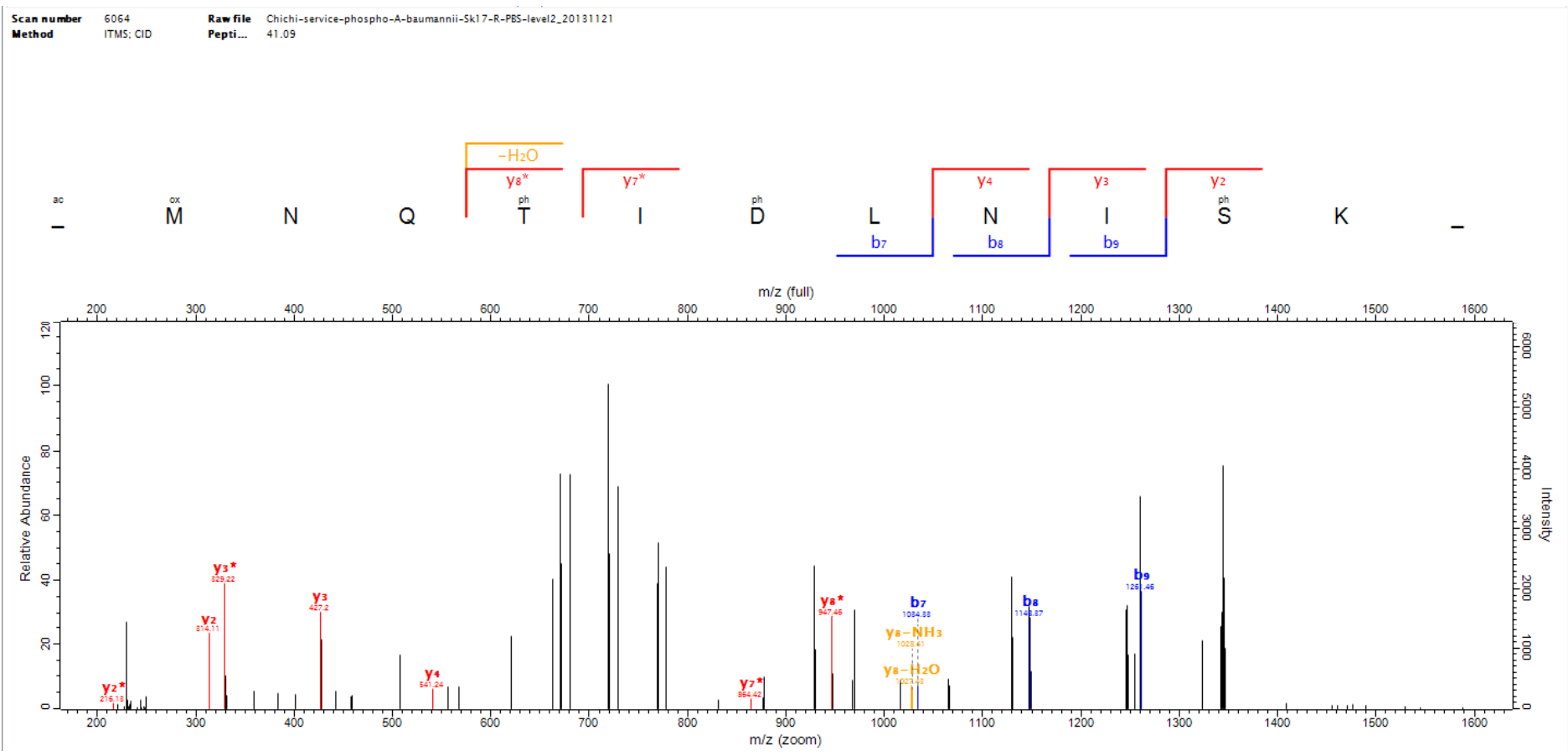


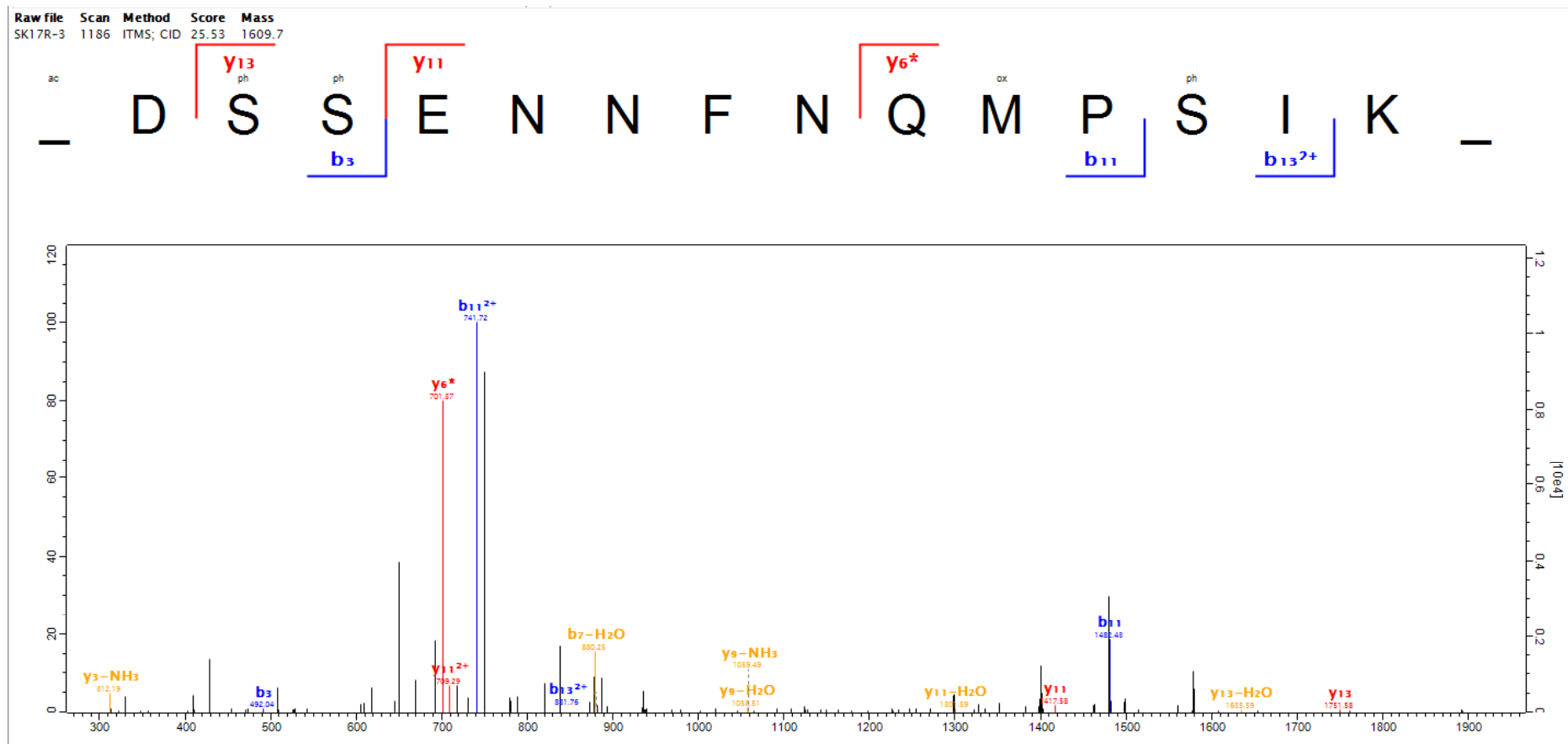


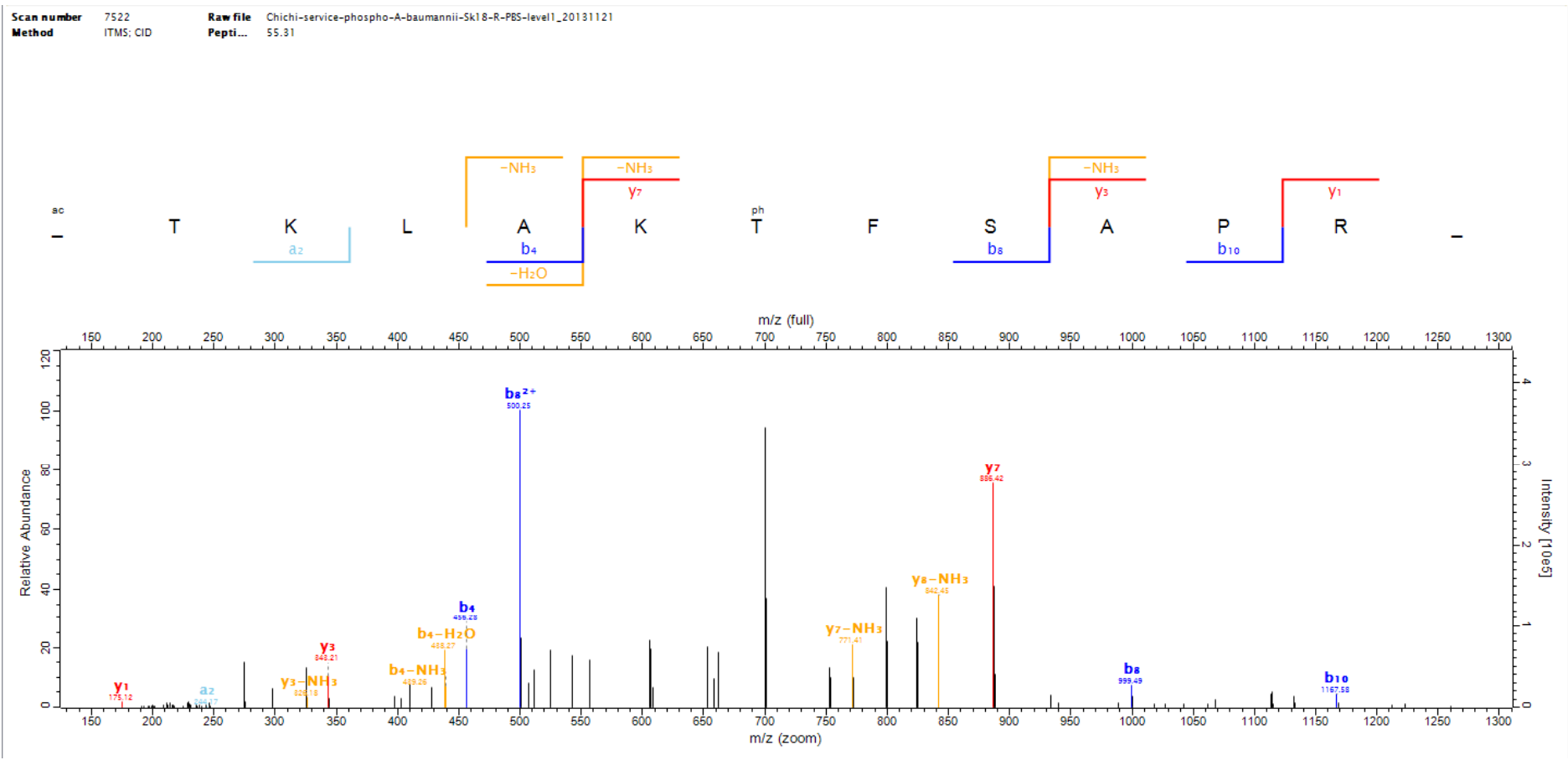


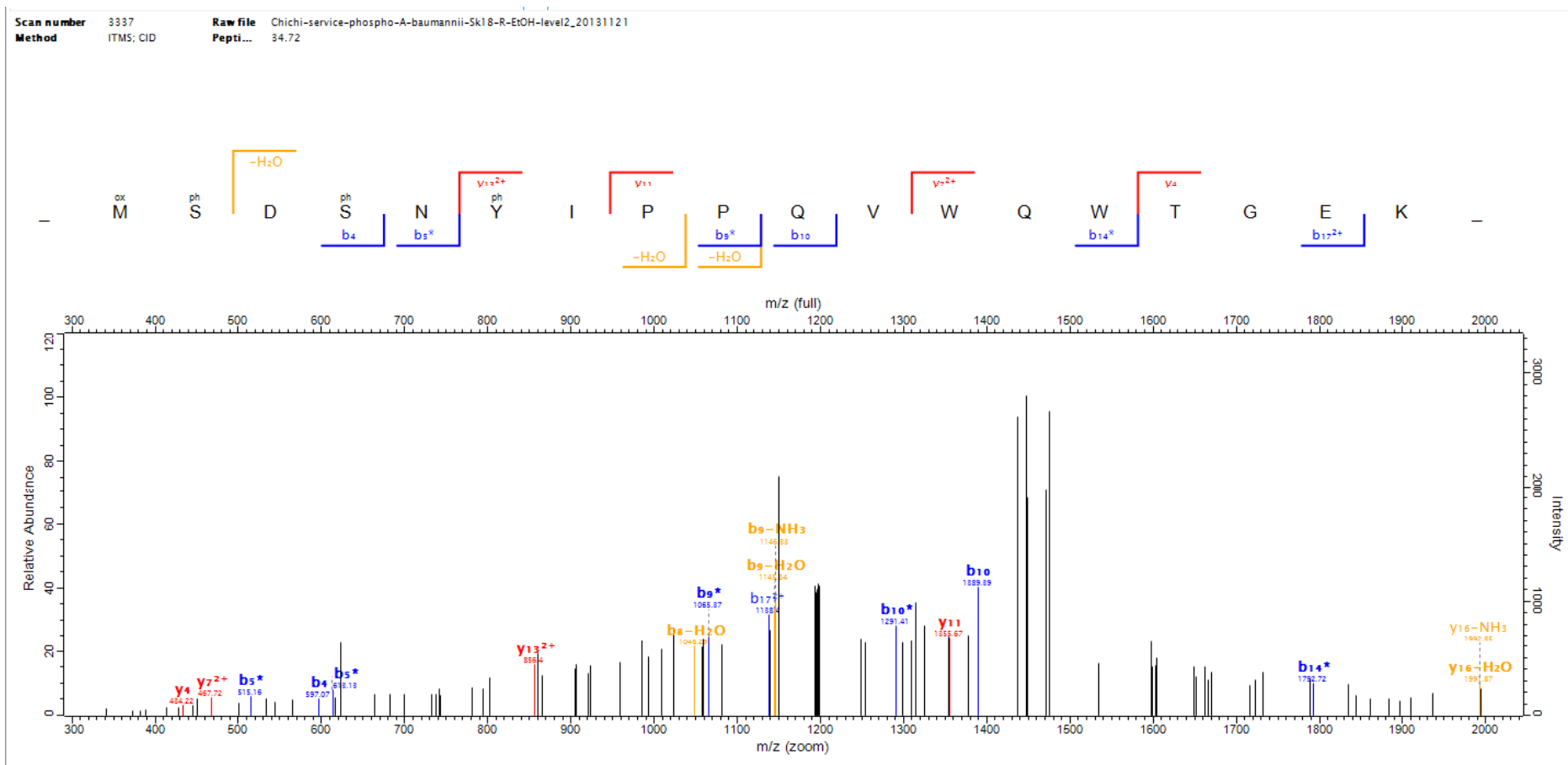






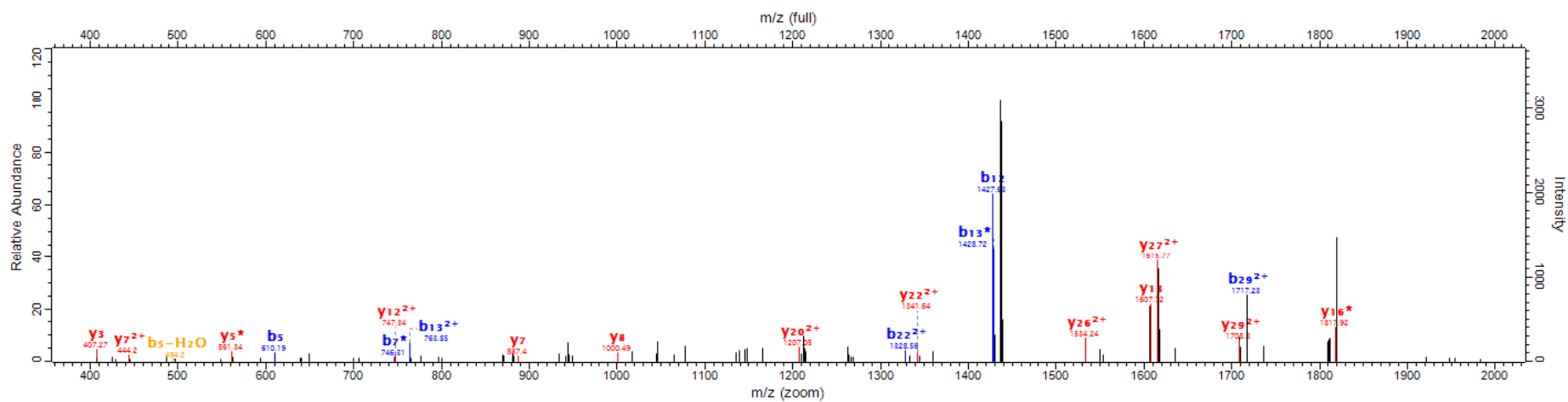
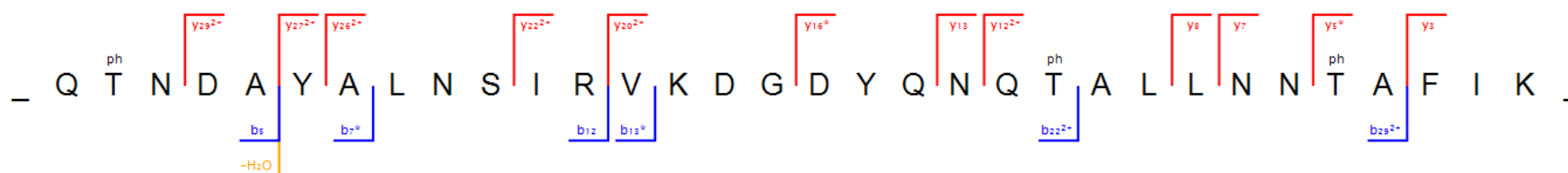




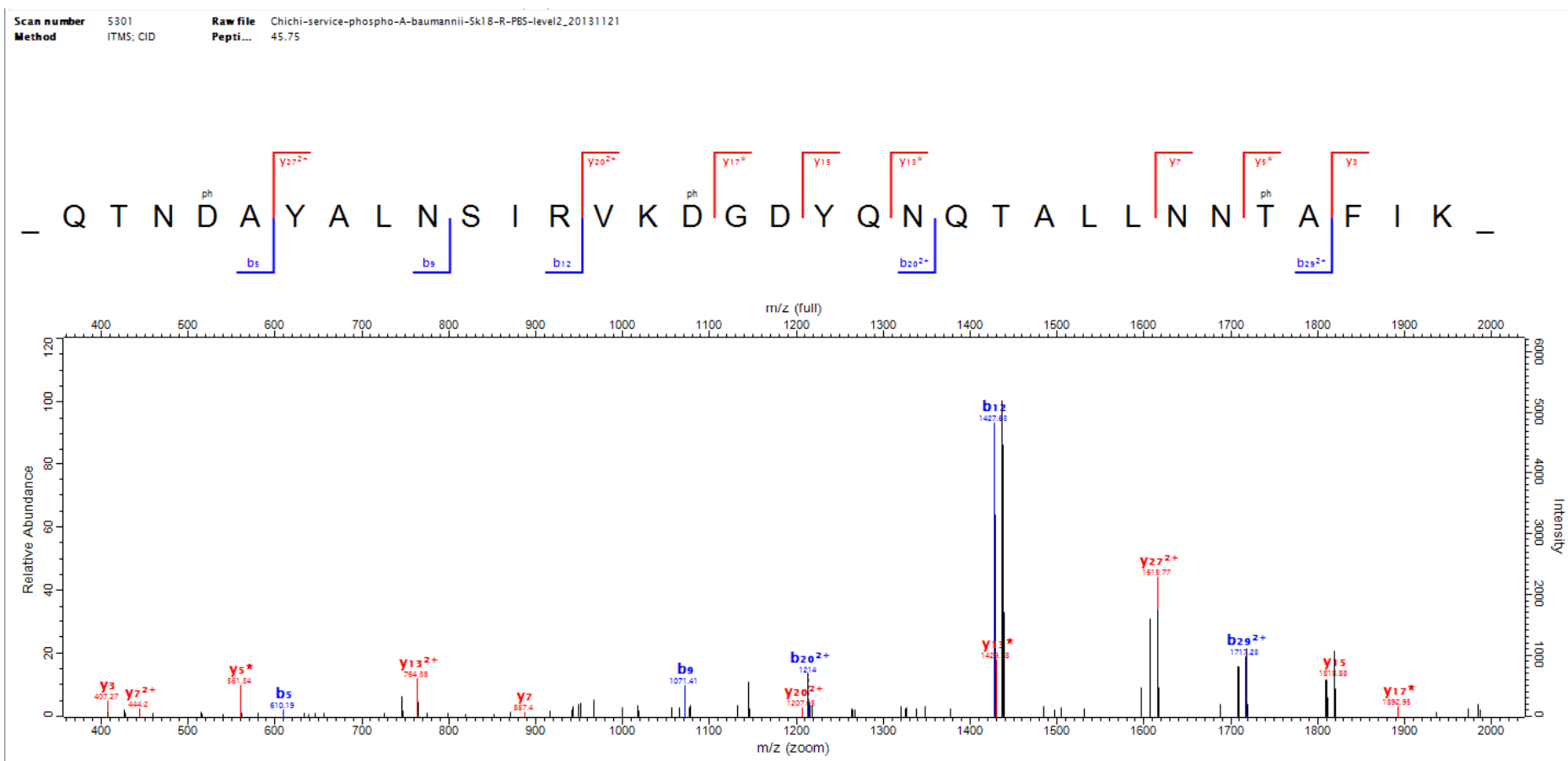


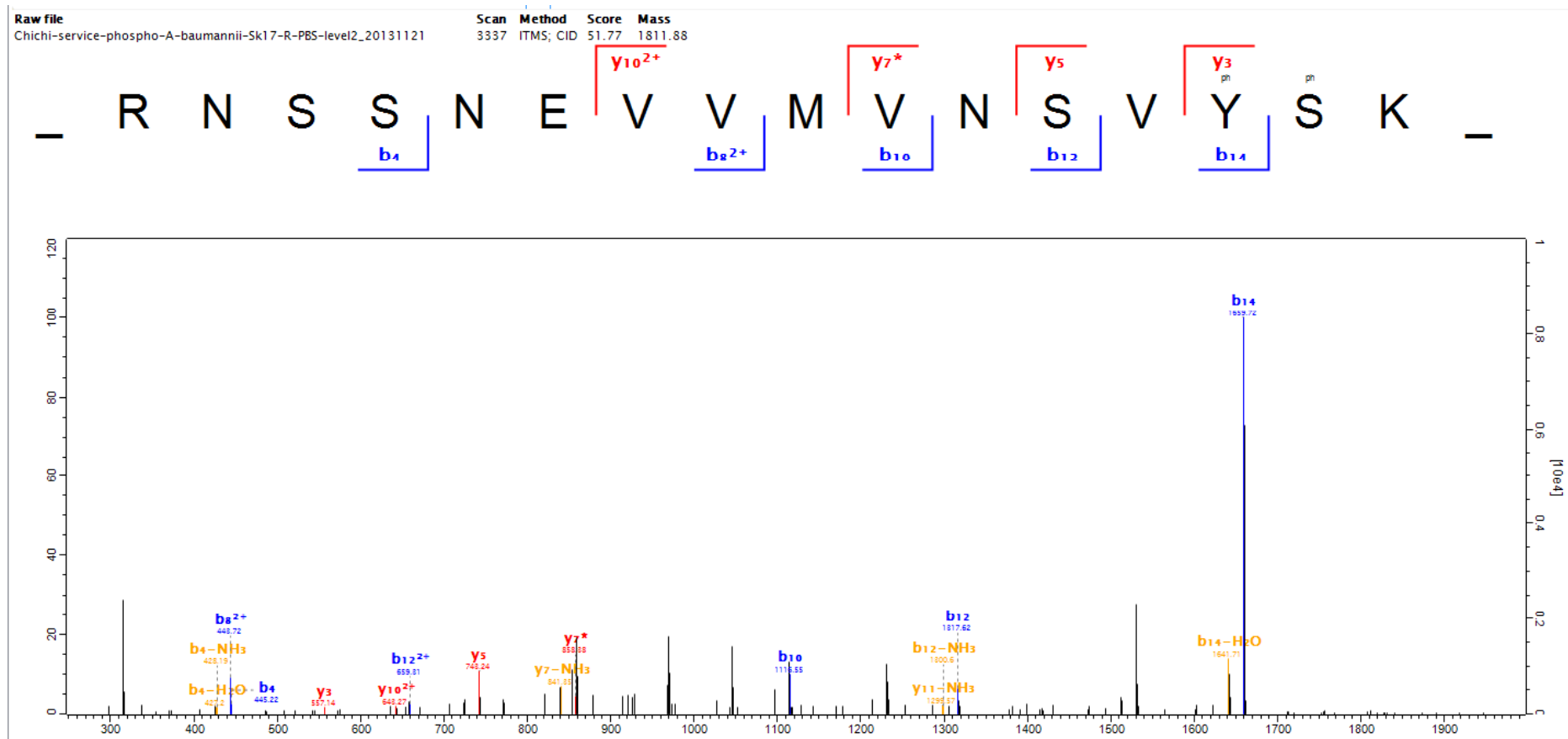
96-1

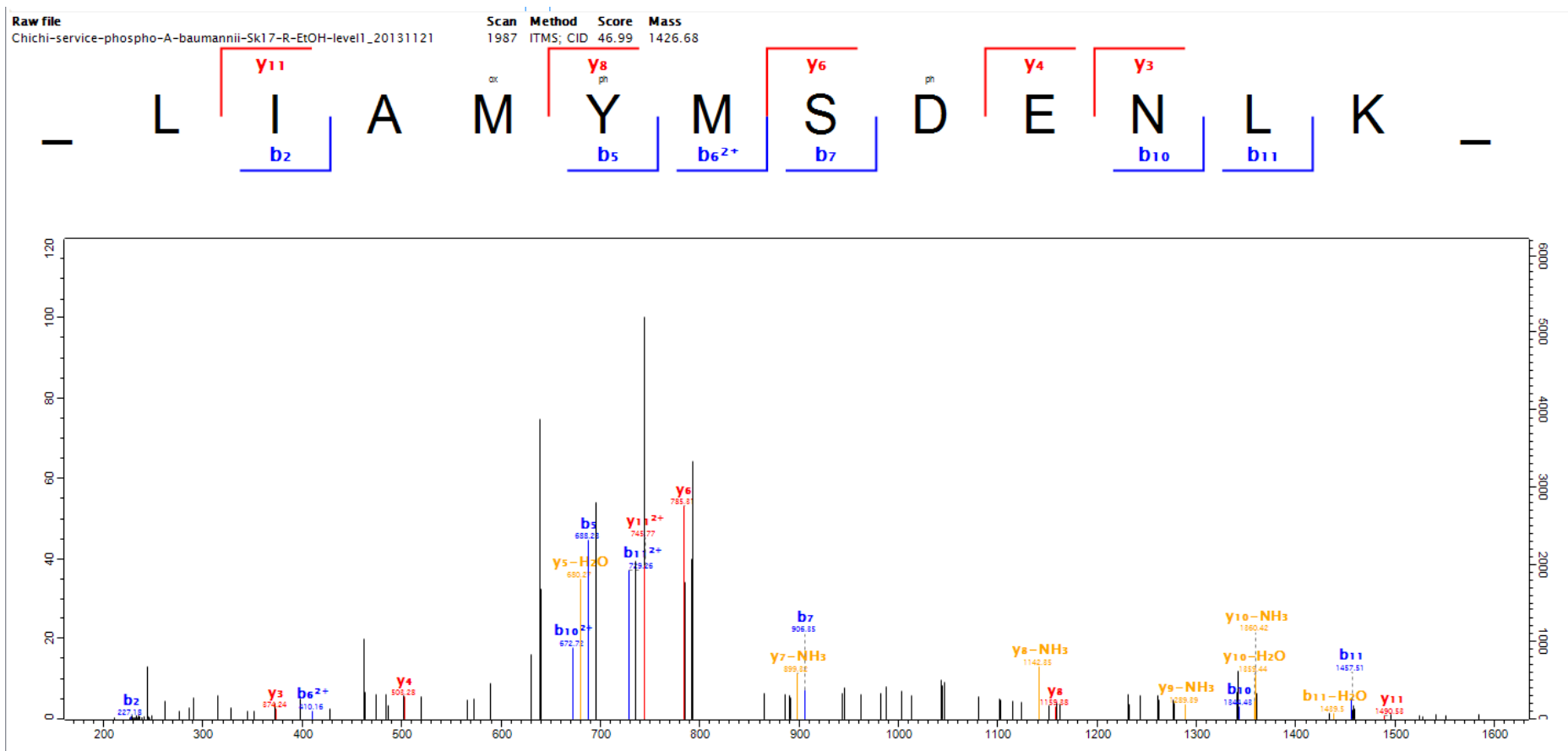
Scan number 4383 Raw file Chichi-service-phospho-A-baumannii-Sk17-R-PBS-level2_20131121
Method ITMS: CID Pepti... 52.39

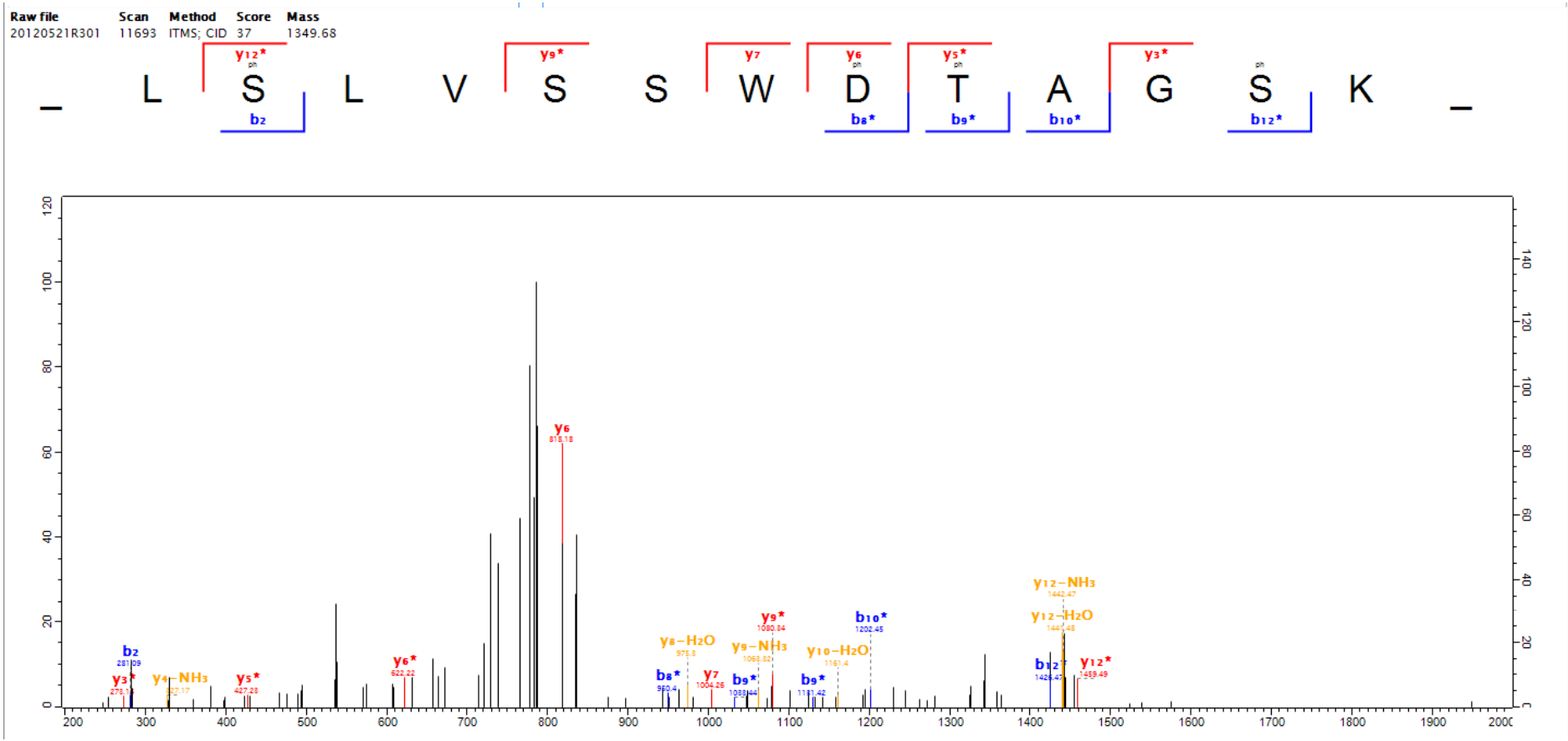


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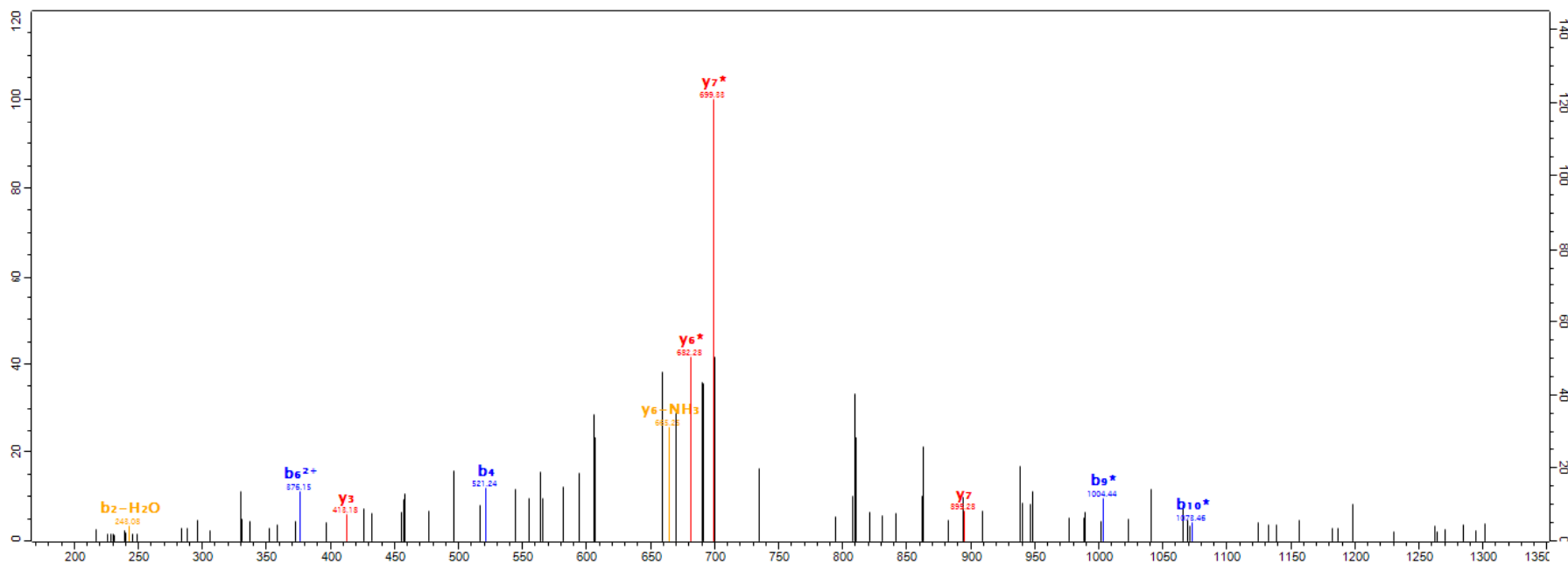
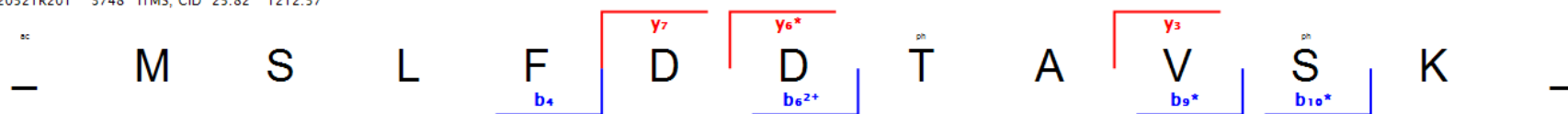


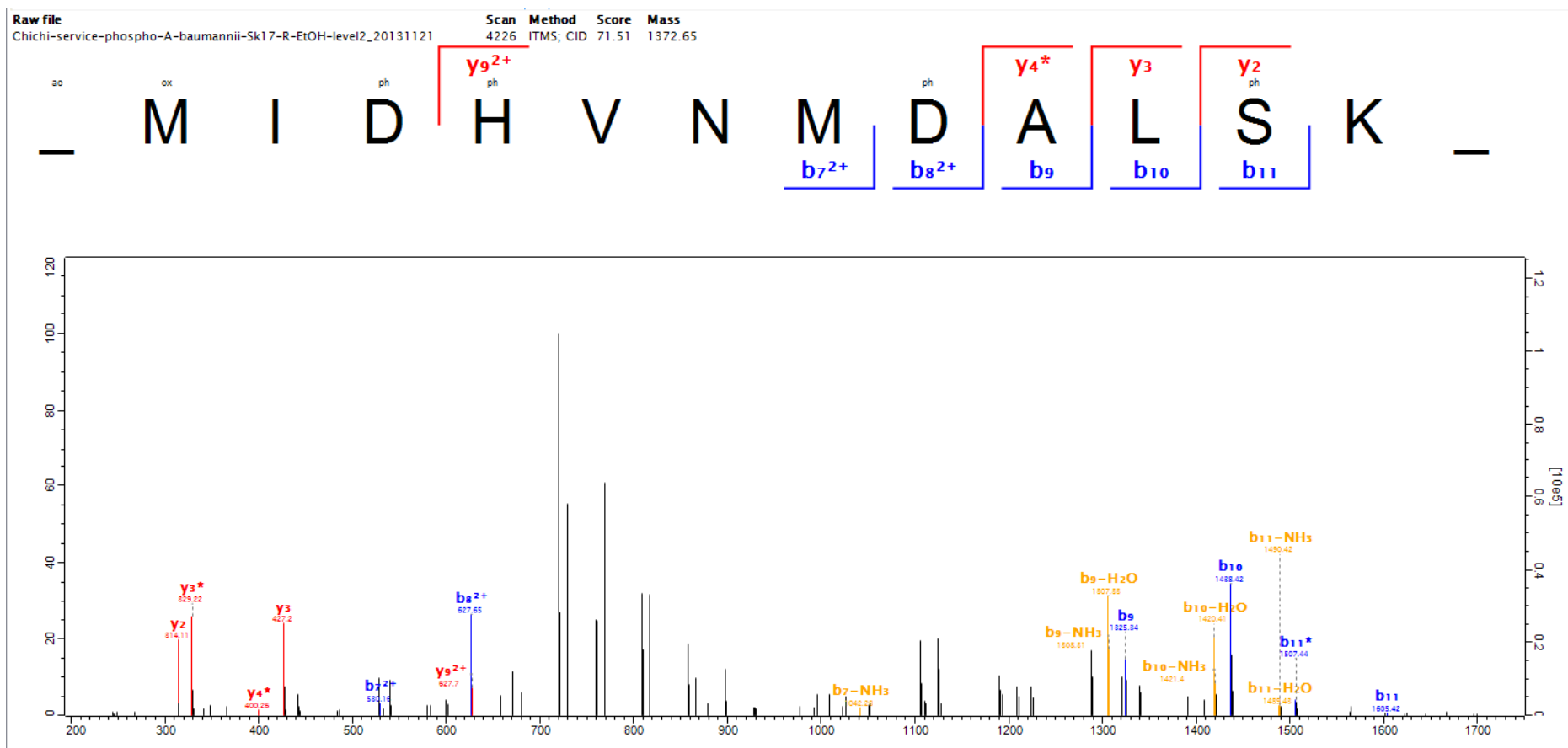


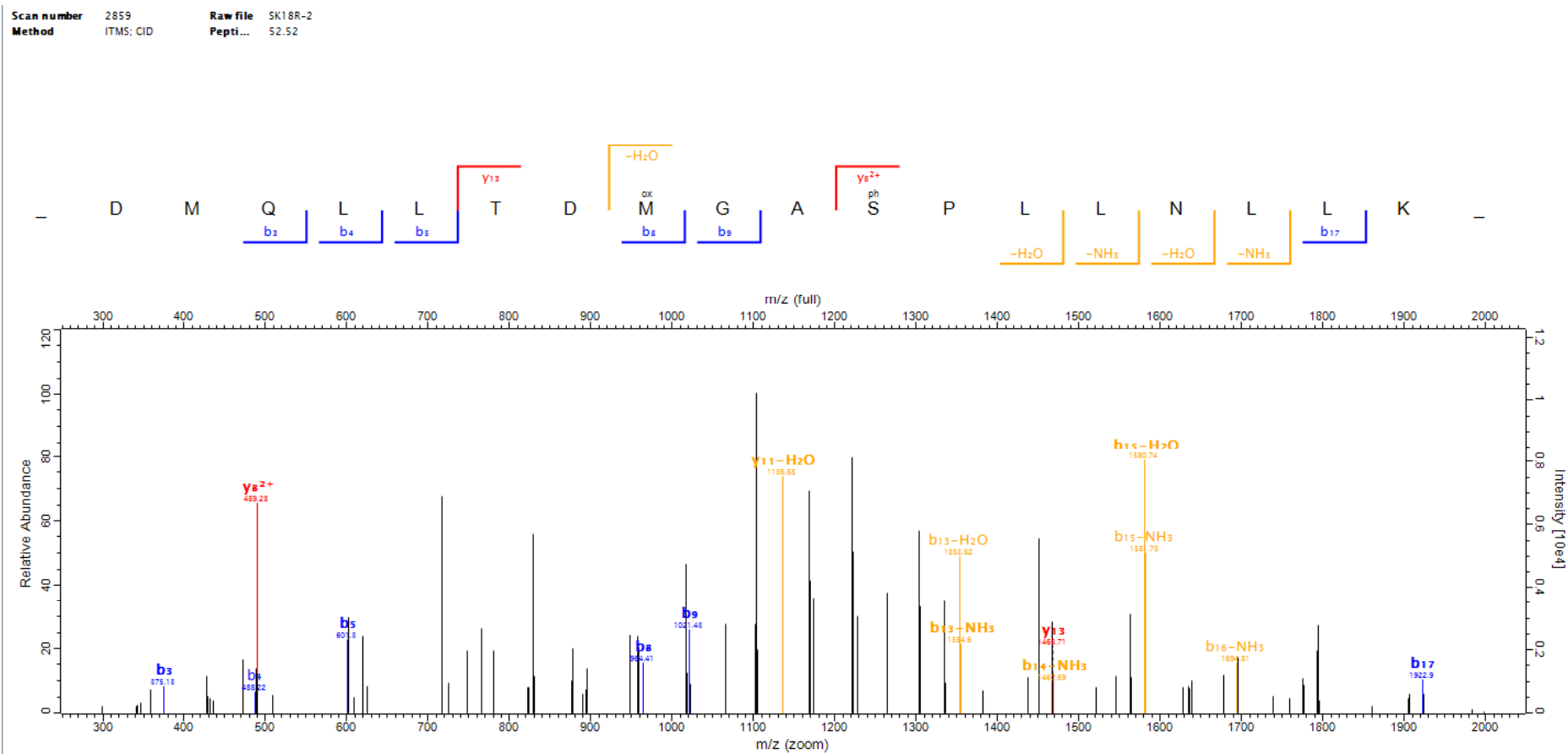


100

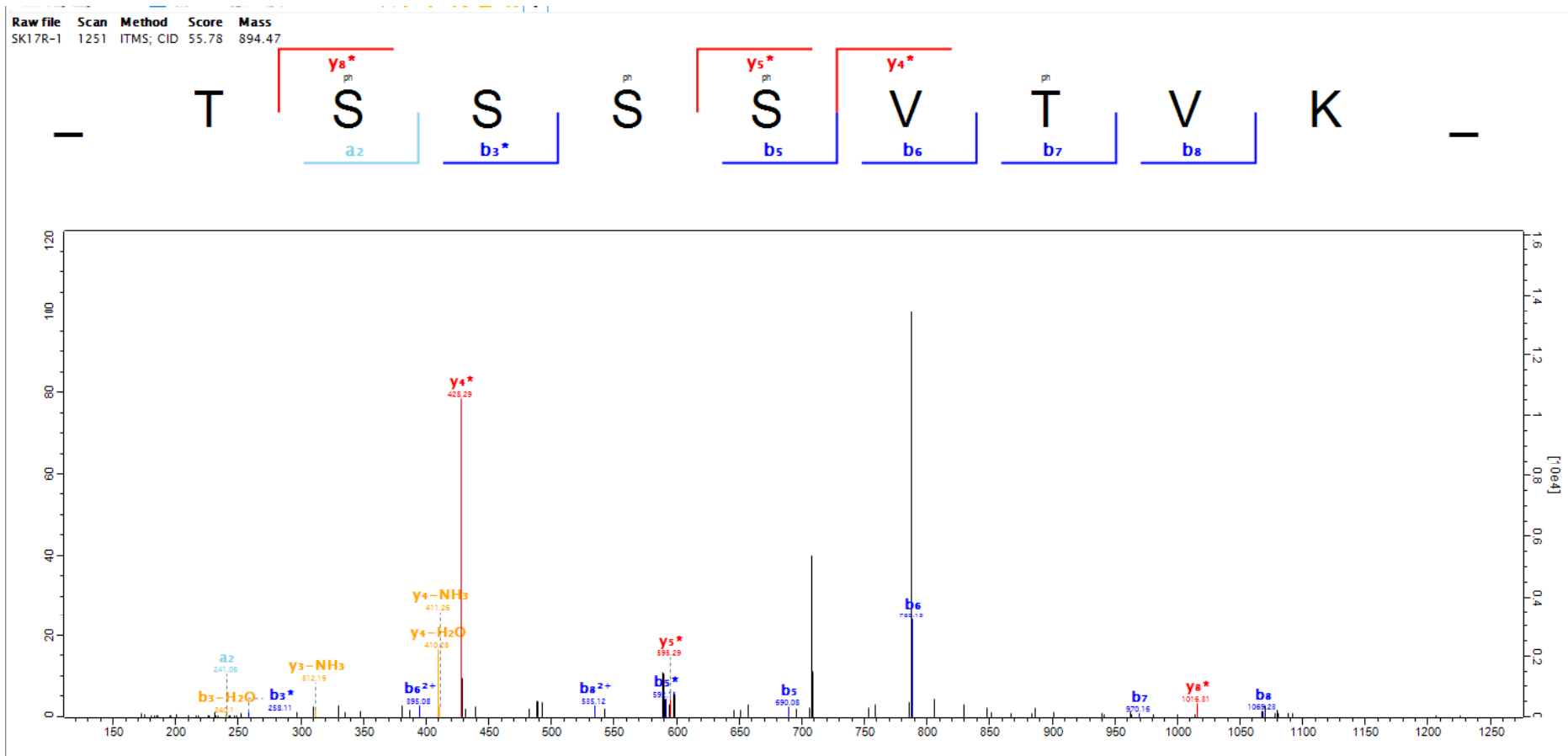
Raw file 20120521R201 Scan 3748 Method ITMS; CID Score 25.82 Mass 1212.57

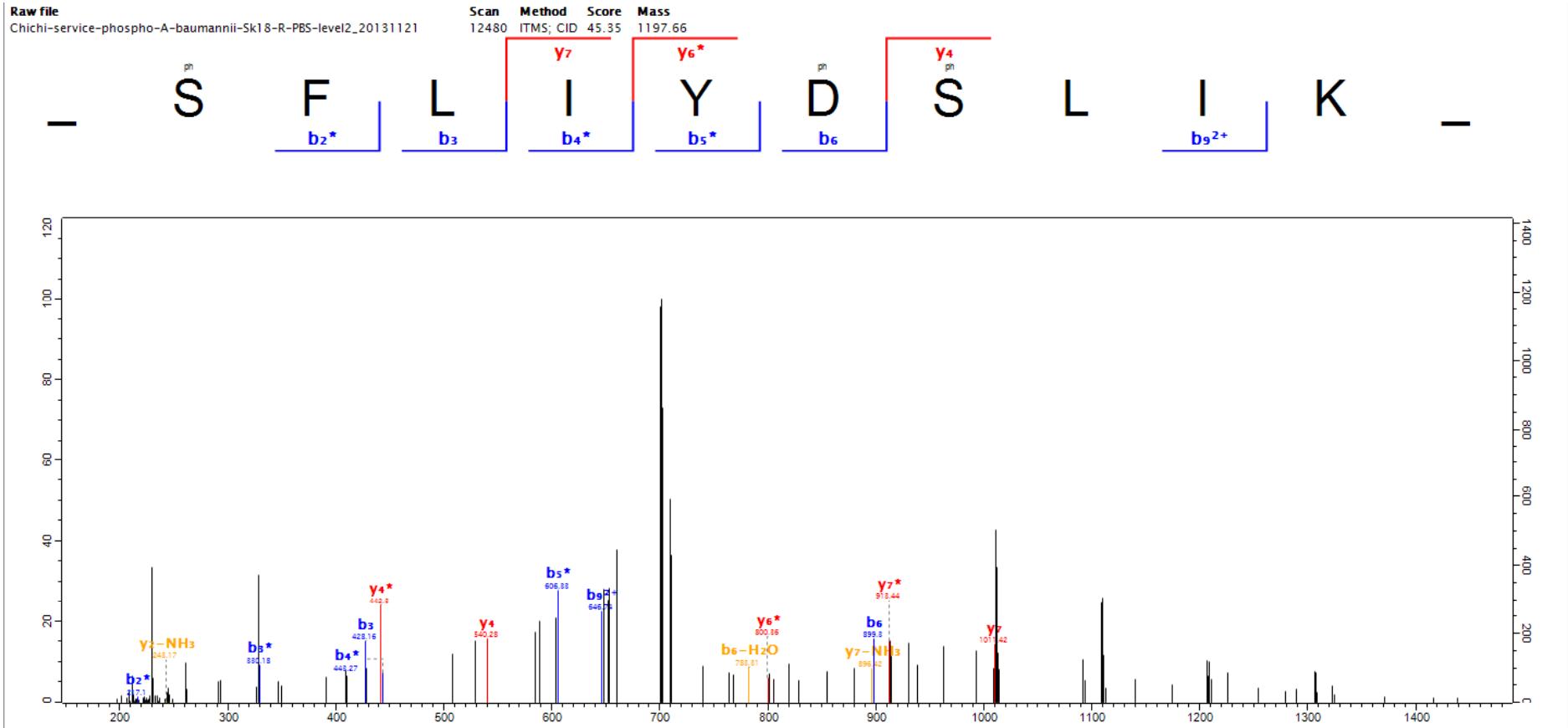


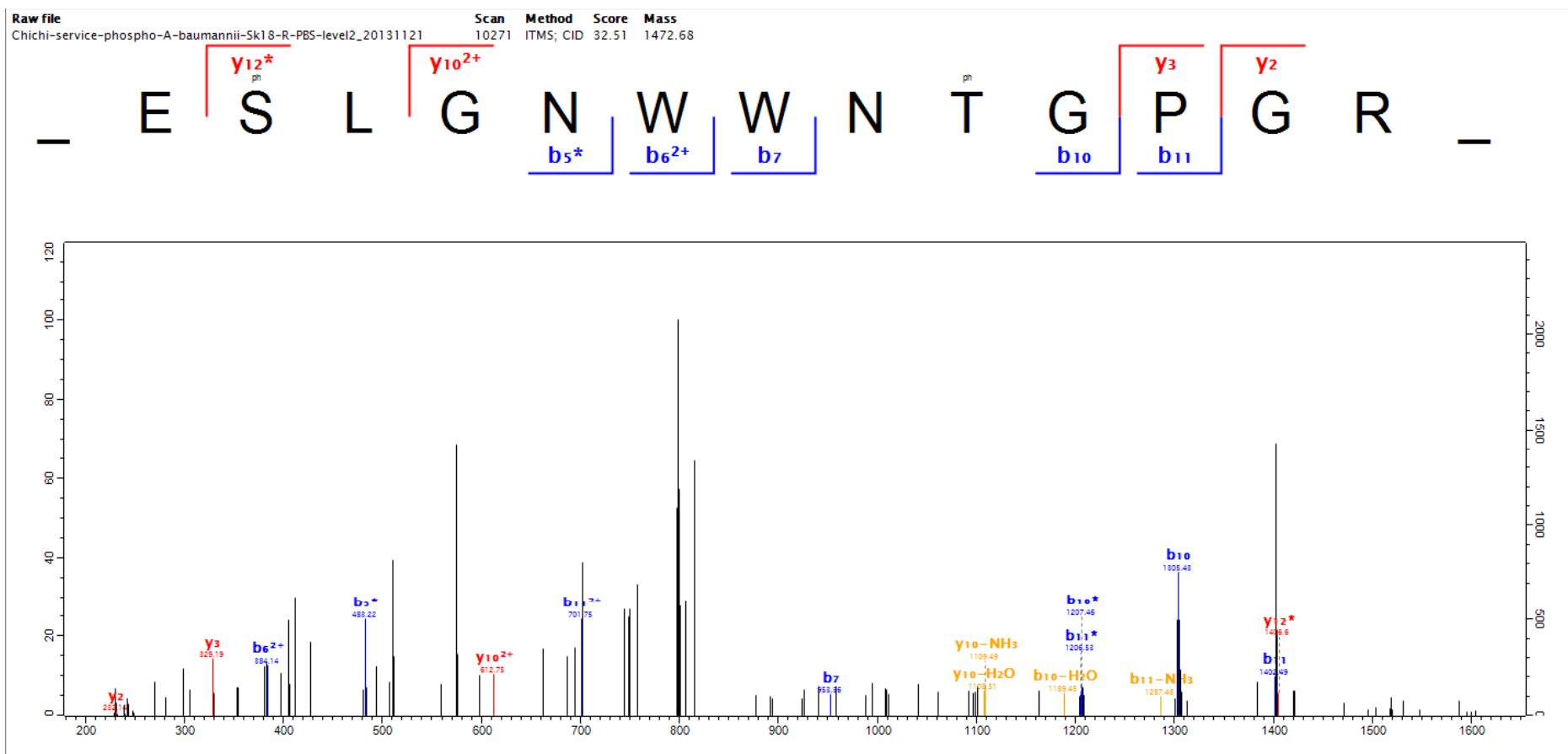


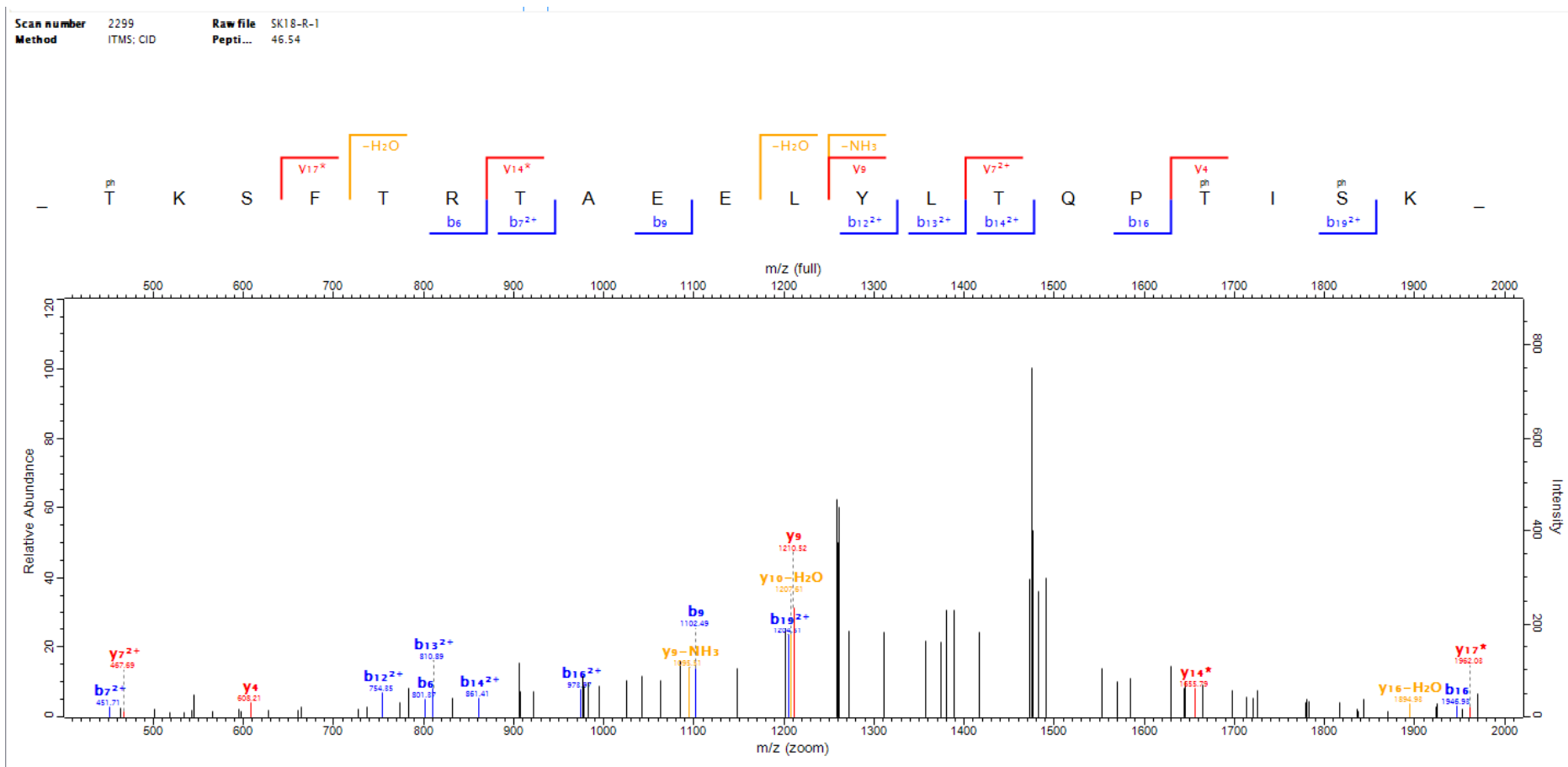


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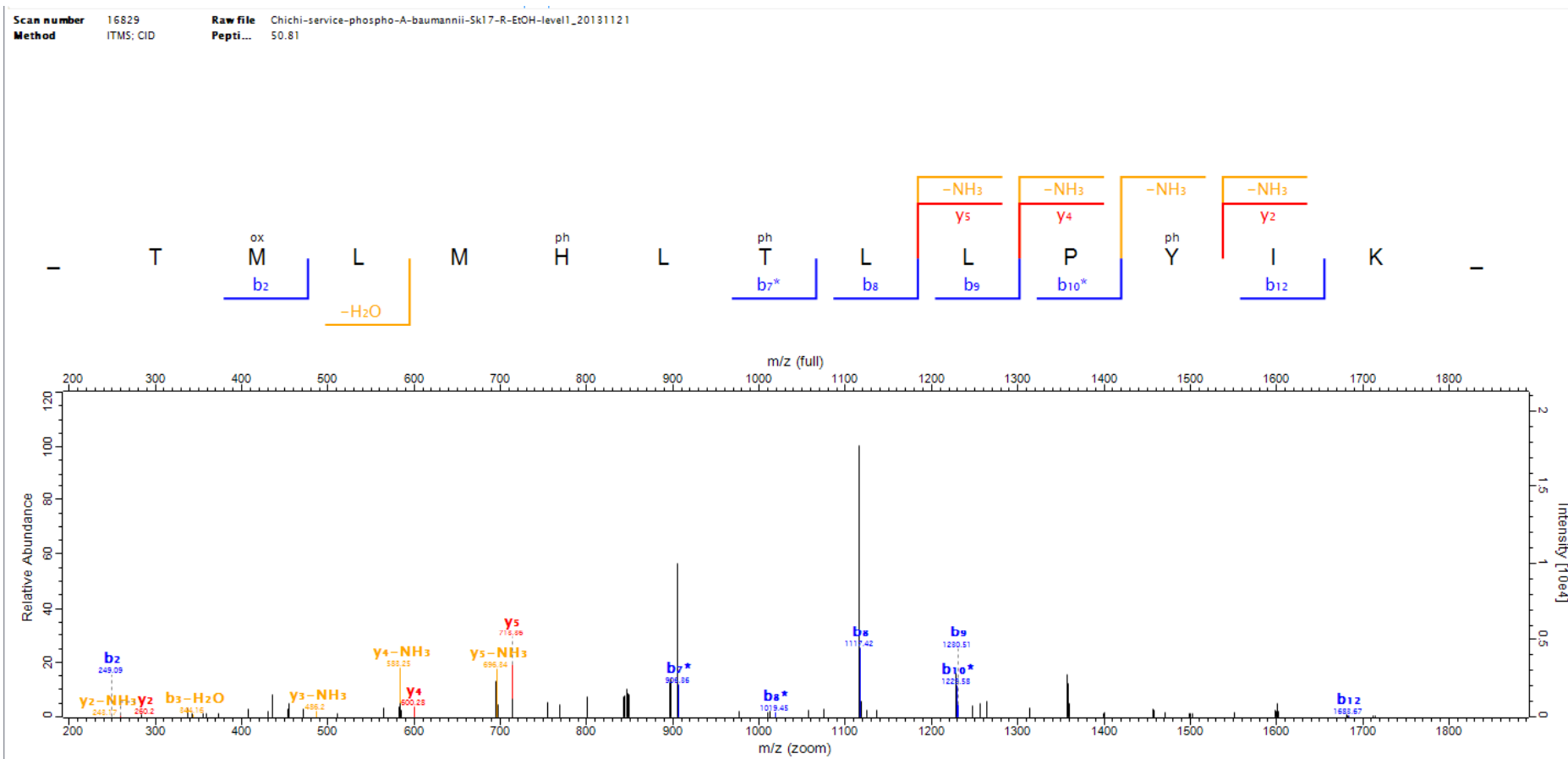


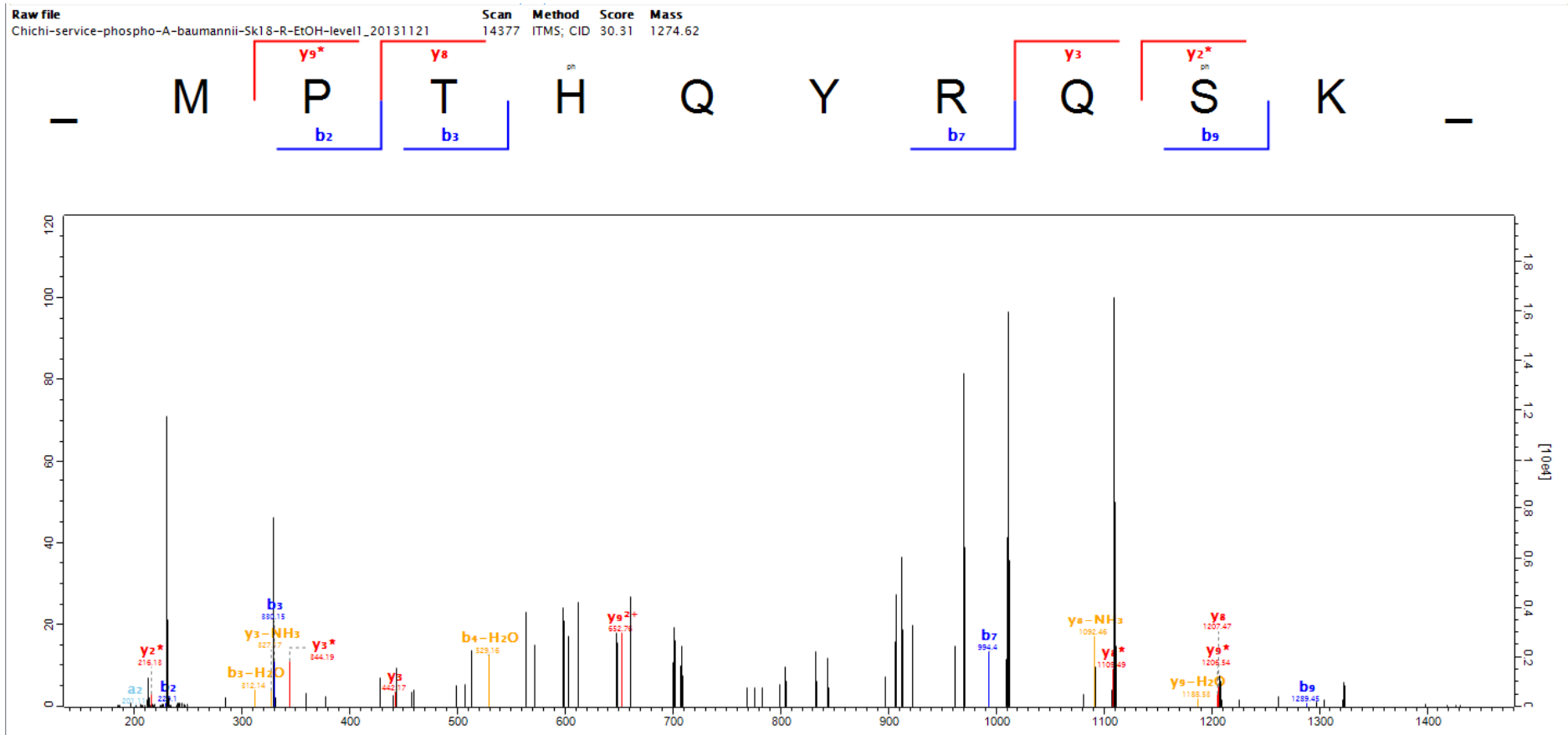


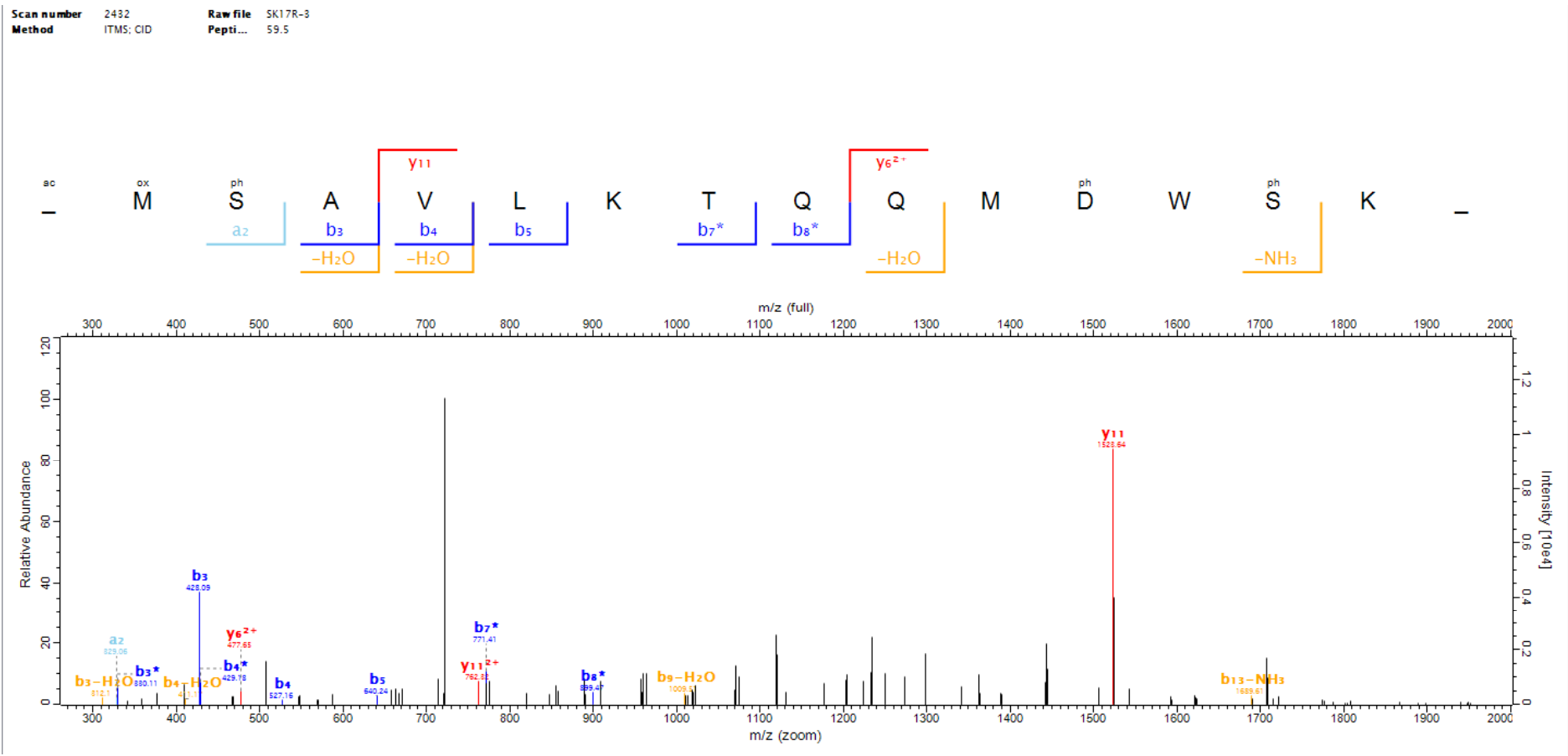


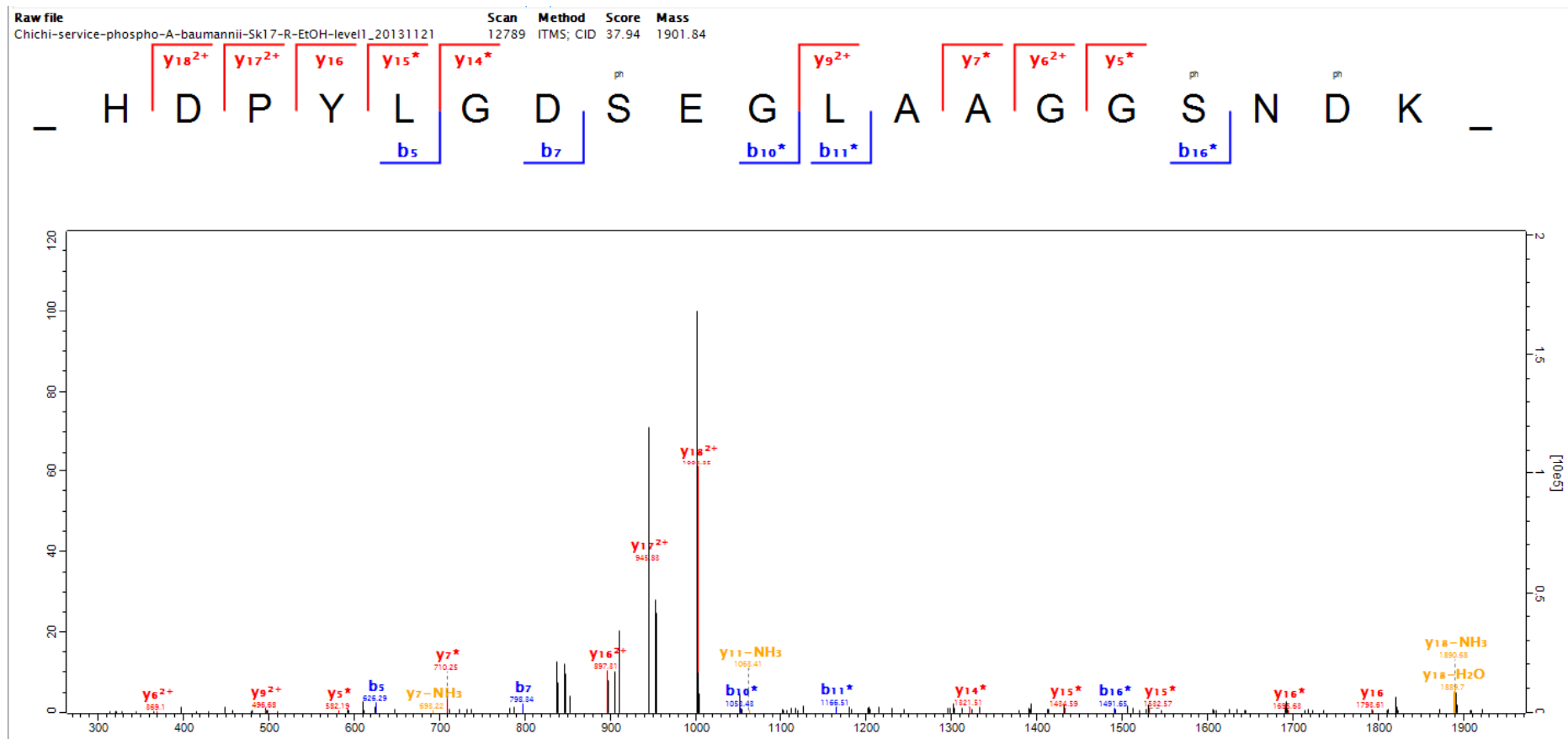


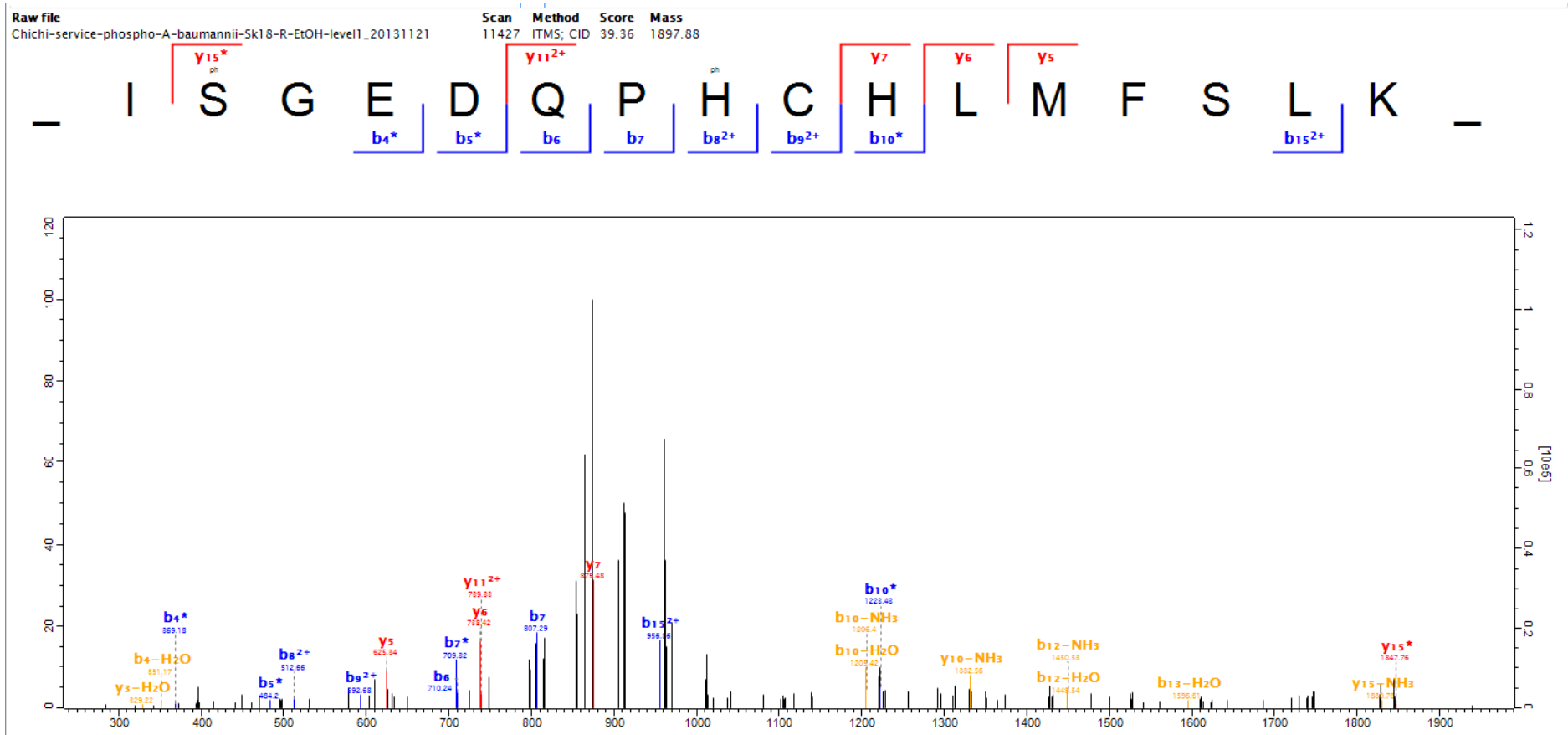
107

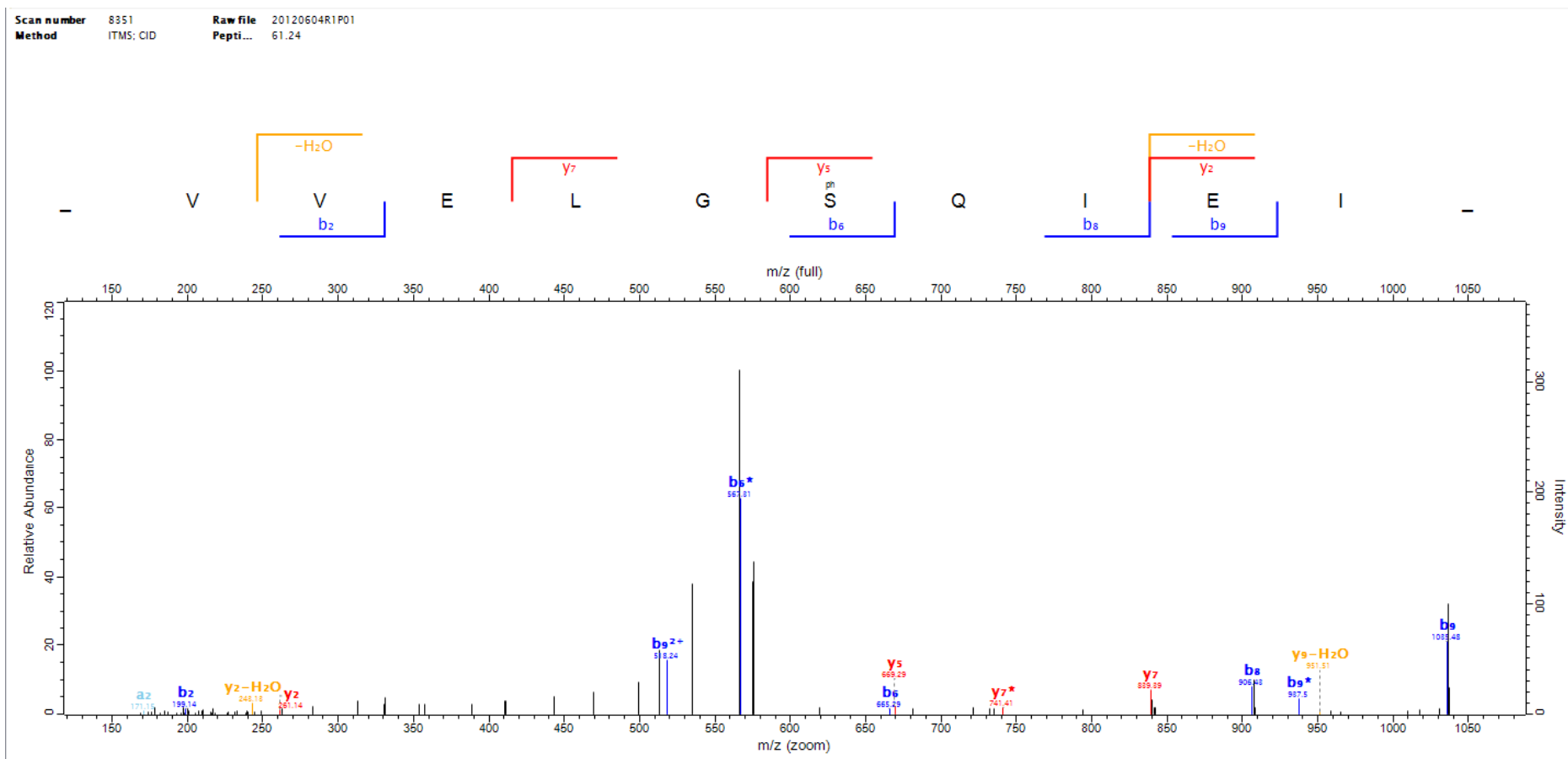




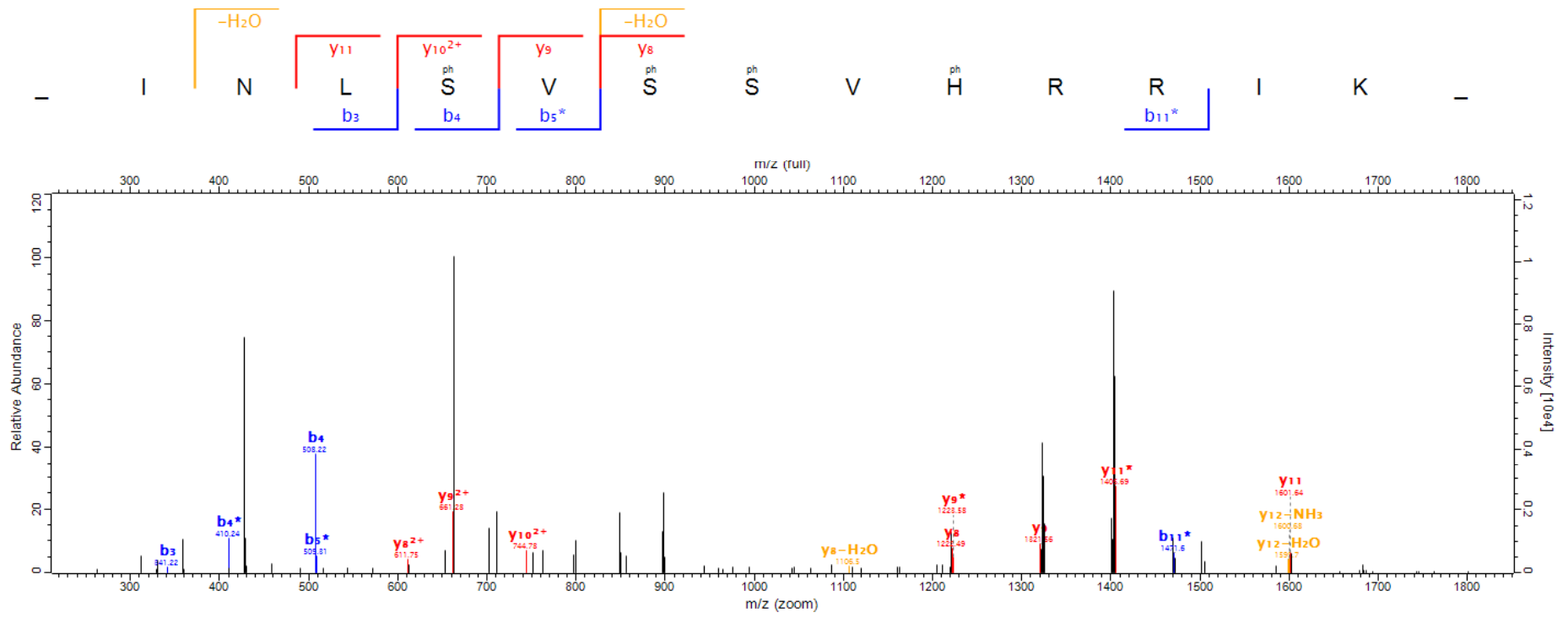


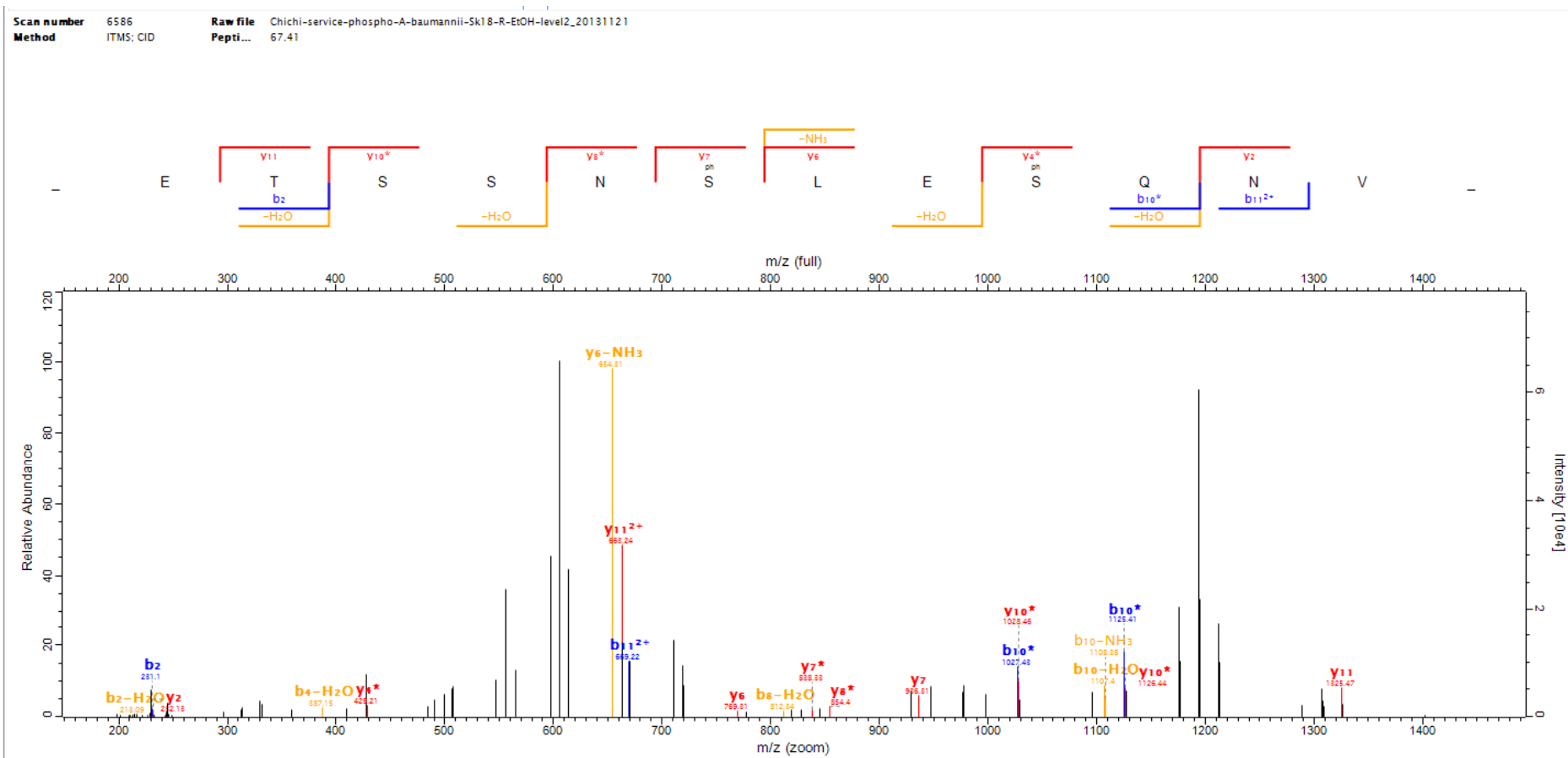


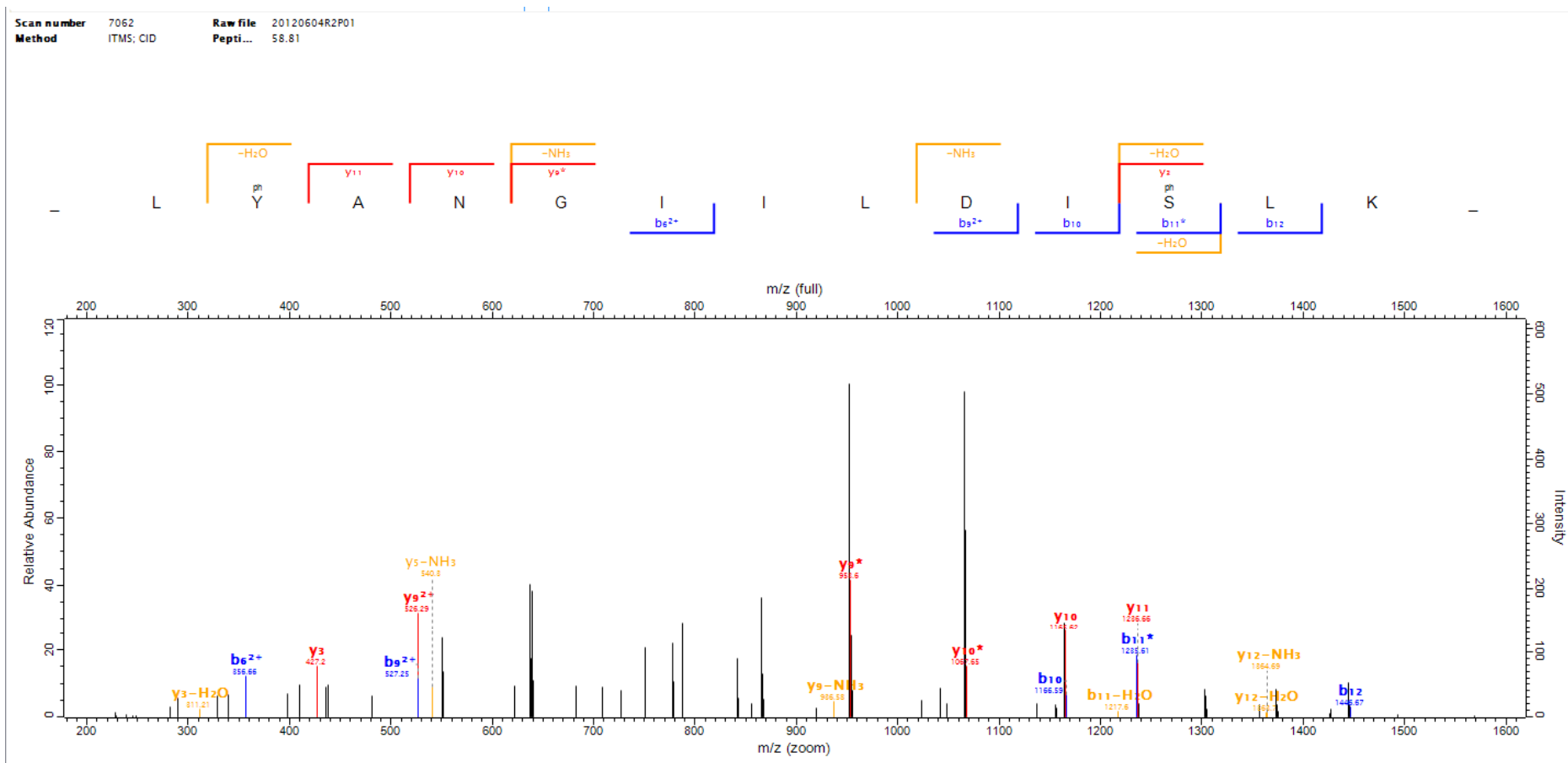


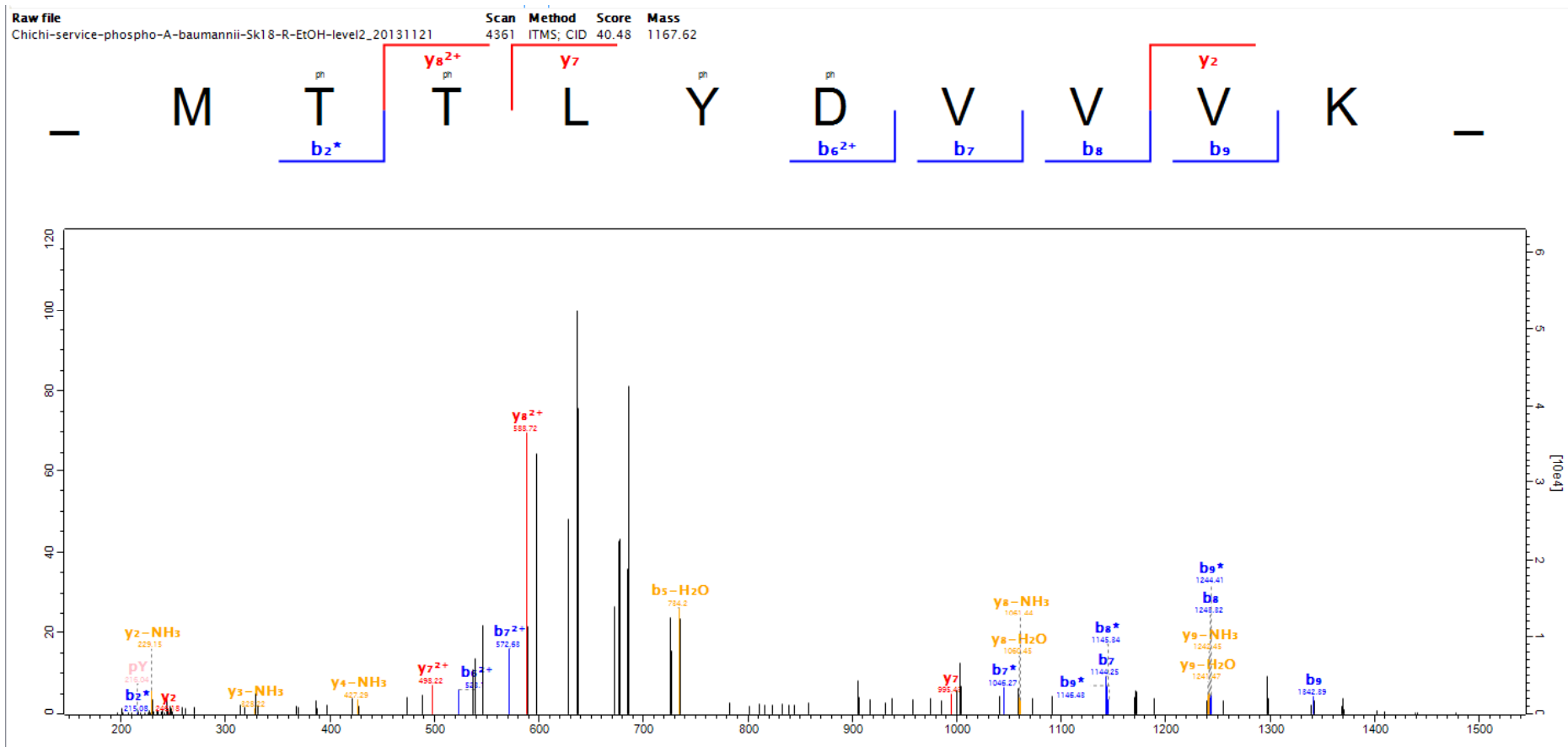


Scan number 7730 Raw file Chichi-service-phospho-A-baumannii-Skl 8-R-PBS-level2_20131121
 Method ITMS: CID Pepti... 54.28

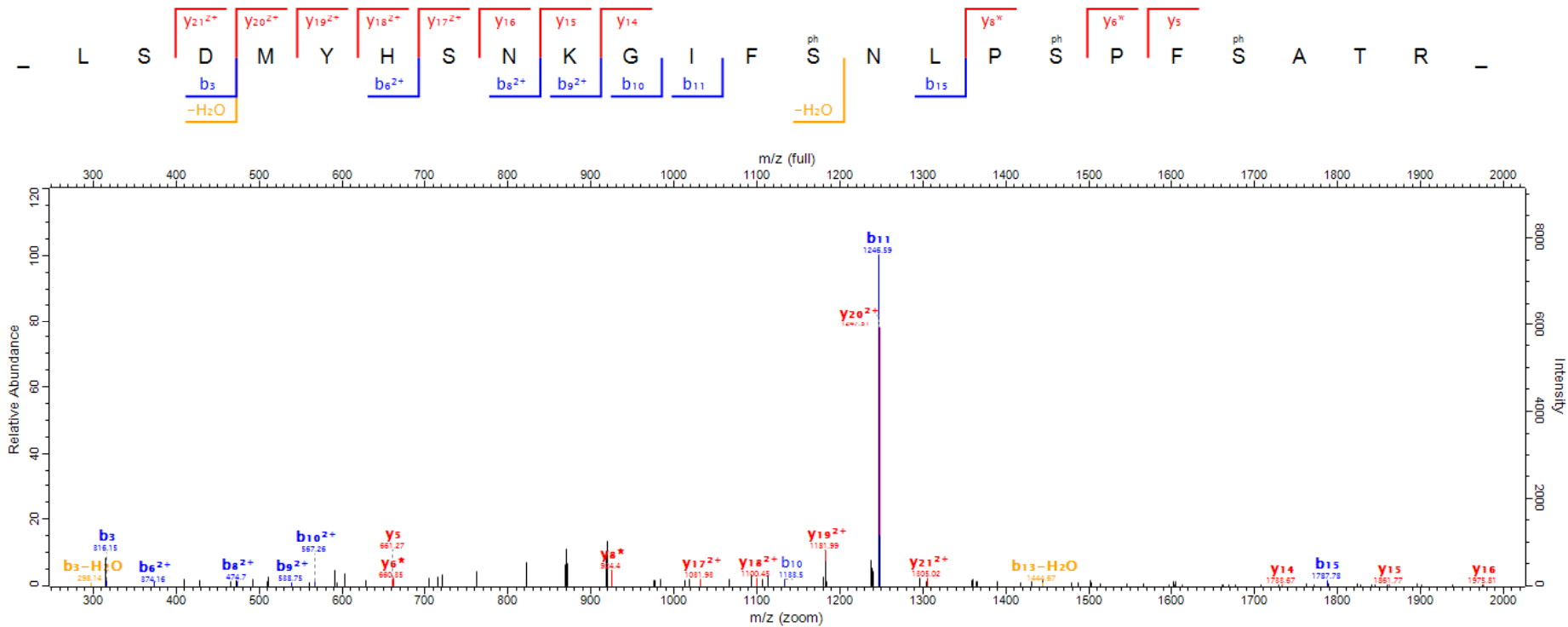


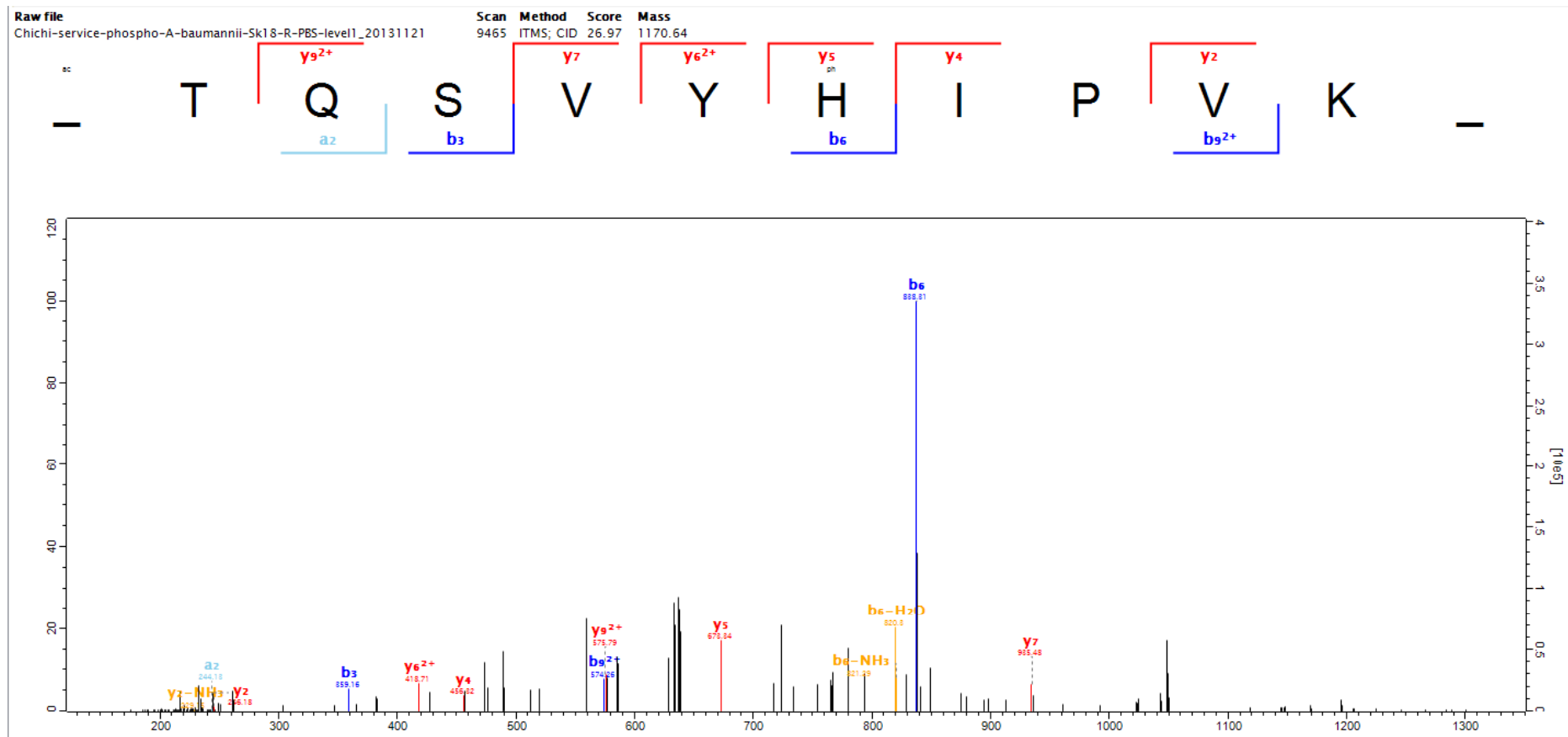


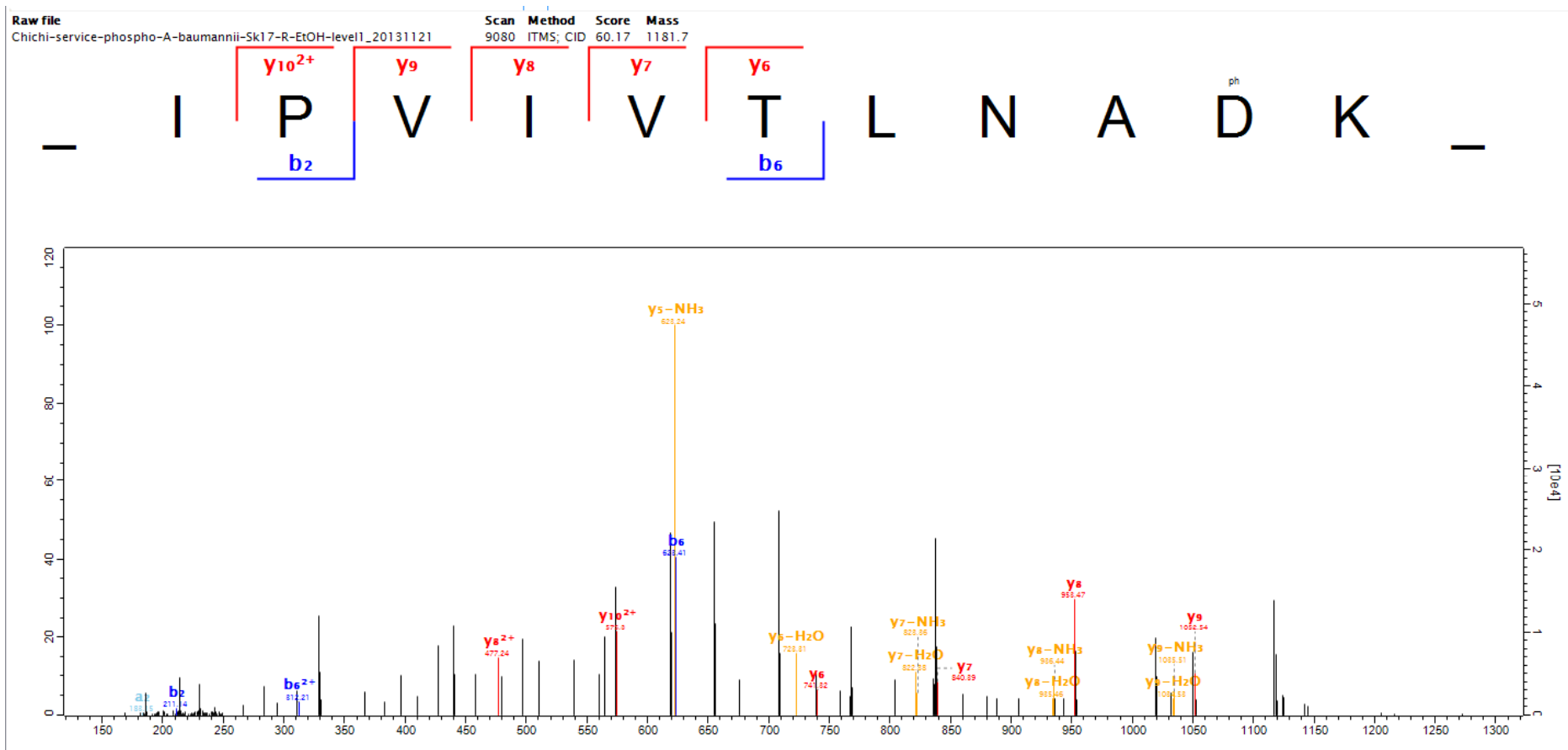




Scan number 3450 Raw file Chichi-service-phospho-A-baumannii-Sk1 8-R-PBS-level2_20131121
 Method ITMS: CID Pepti... 61.18

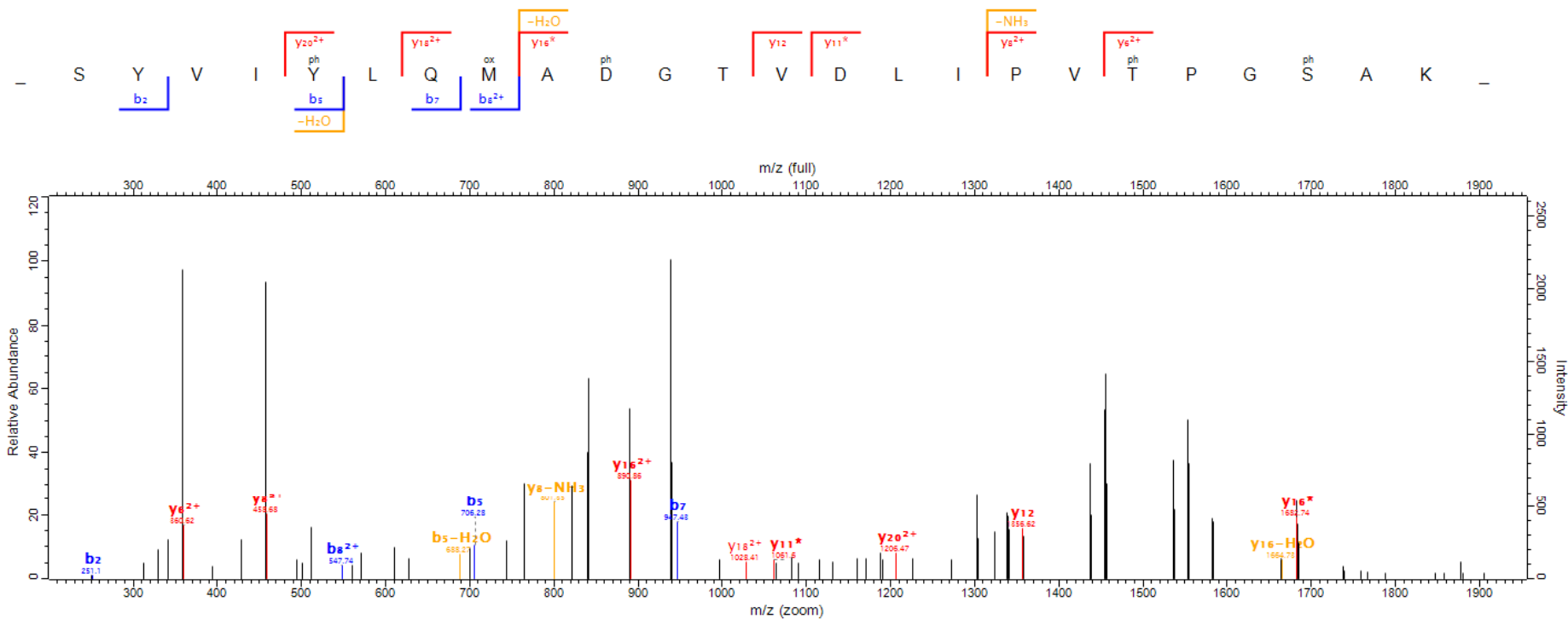




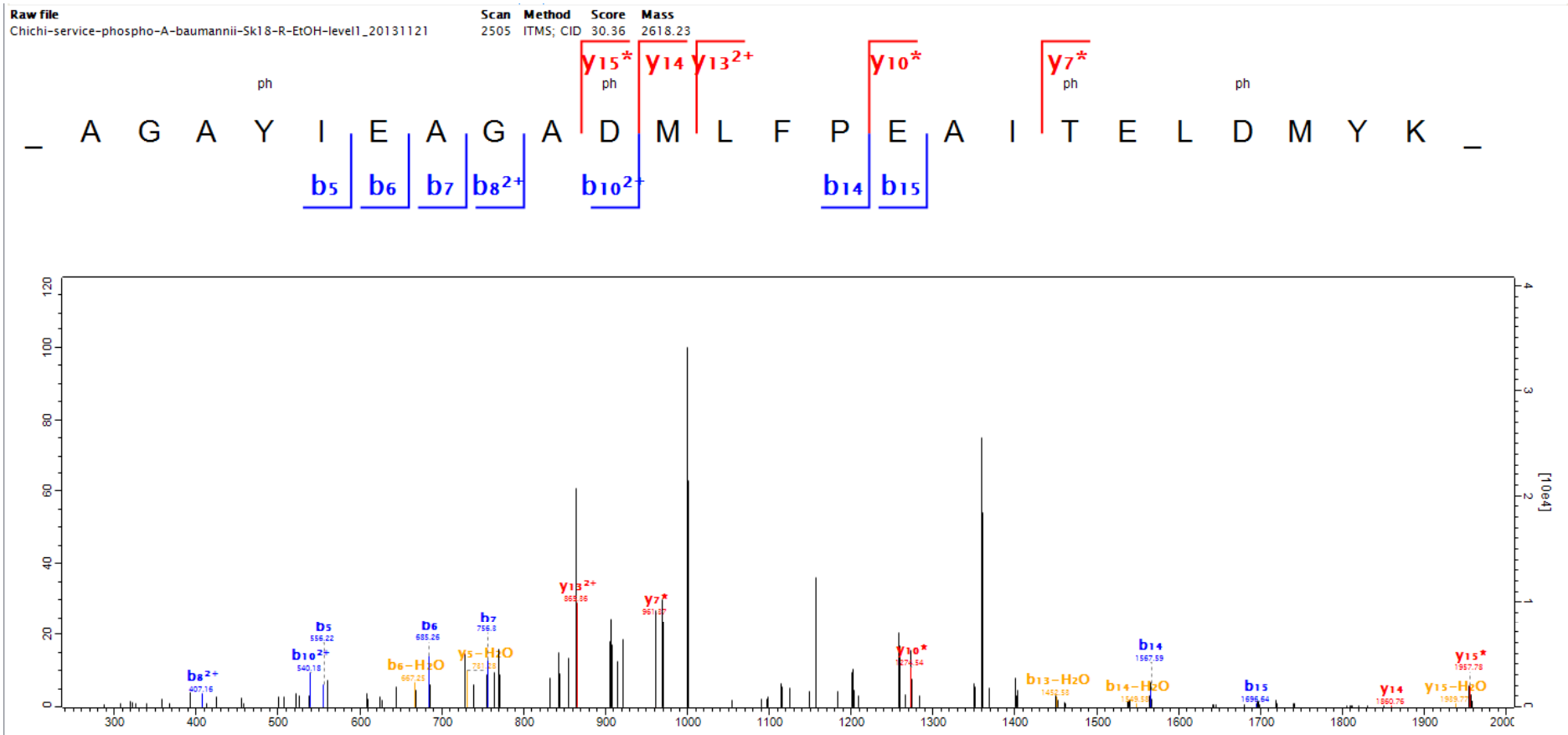


120

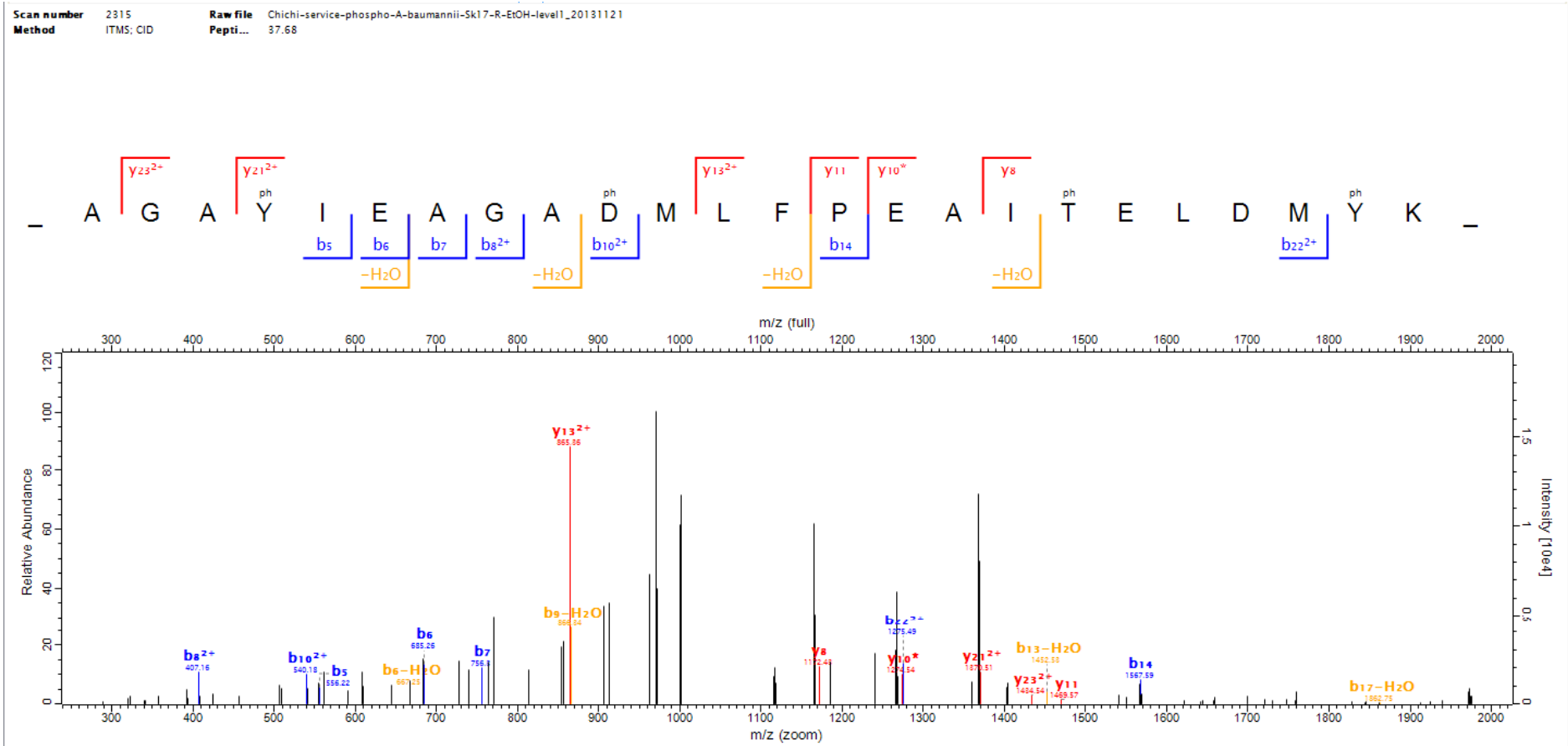
Scan number 6359 Raw file Chichi-service-phospho-A-baumannii-Sk18-R-PBS-level2_20131121
 Method ITMS; CID Pepti... 36.45



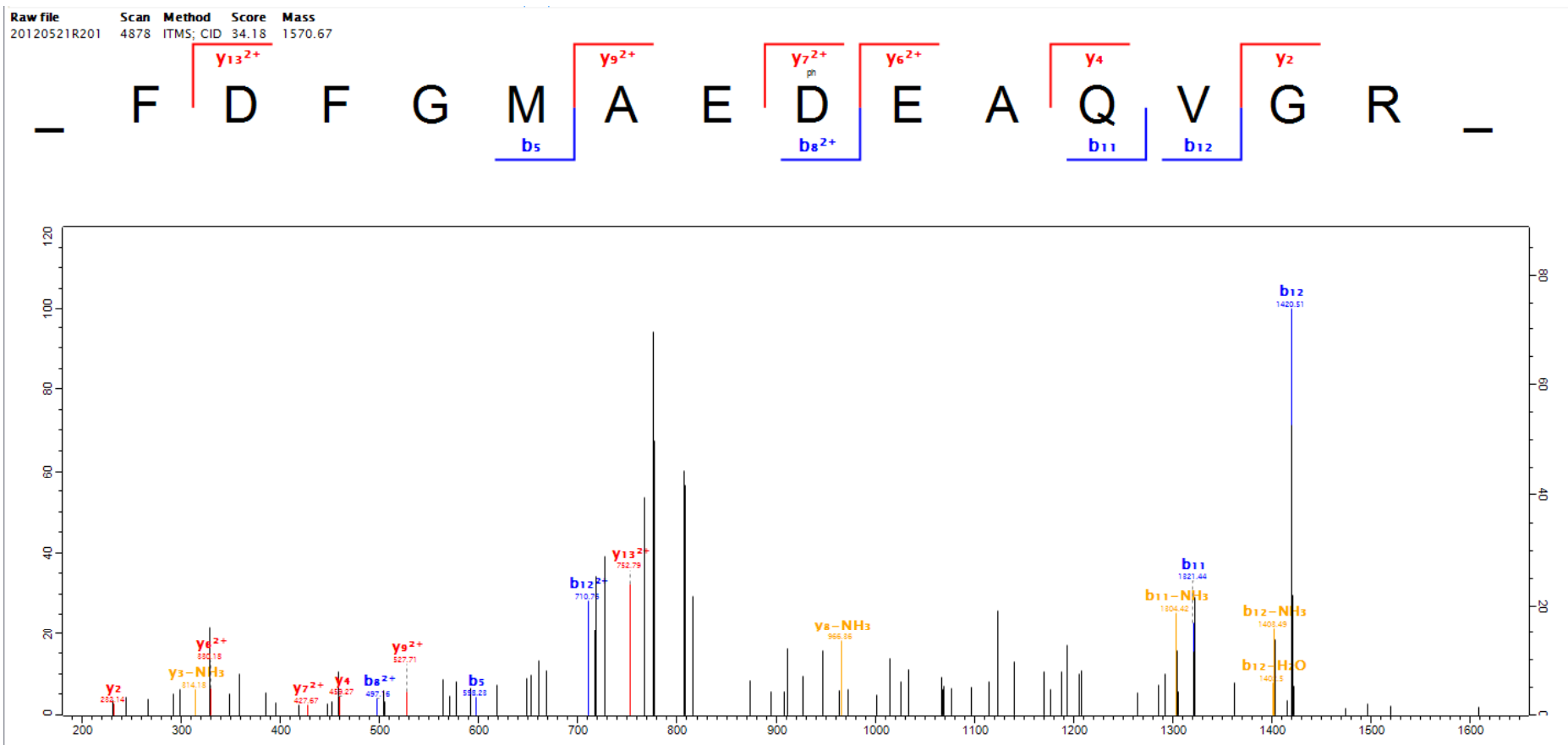
121-1



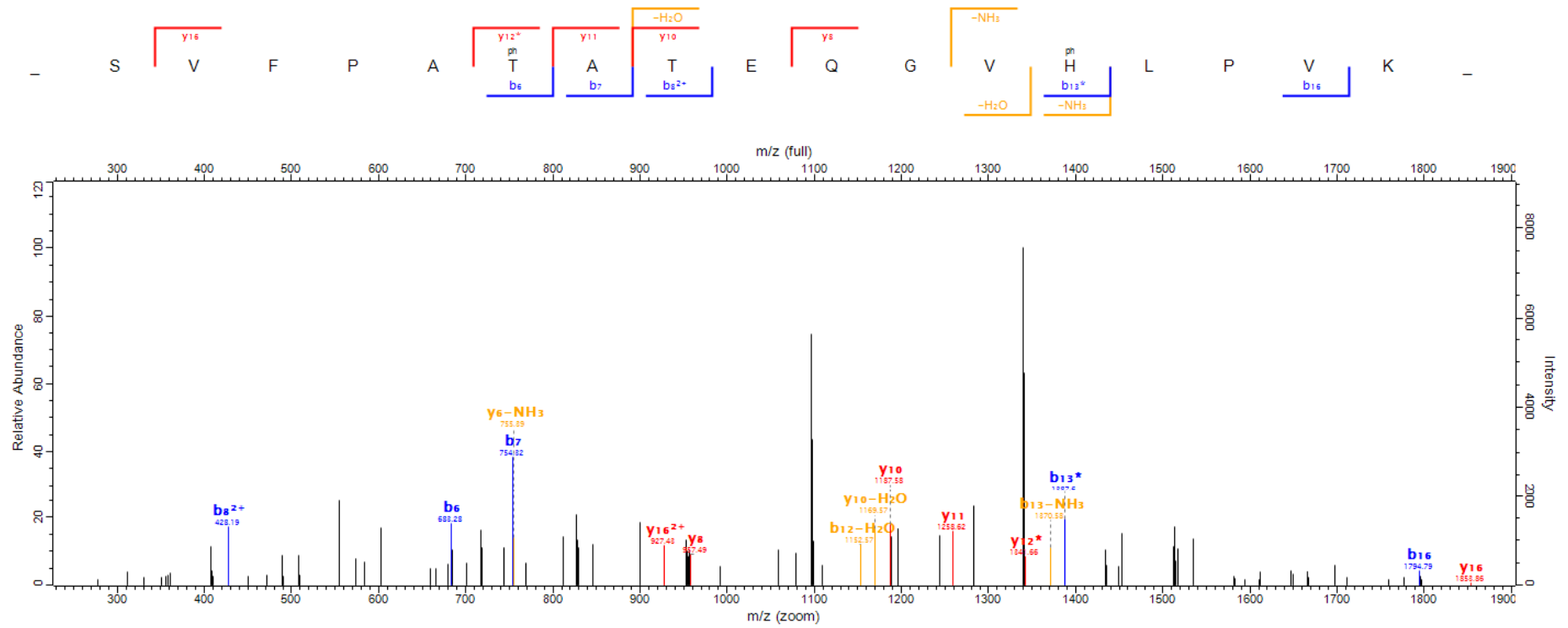
121-2



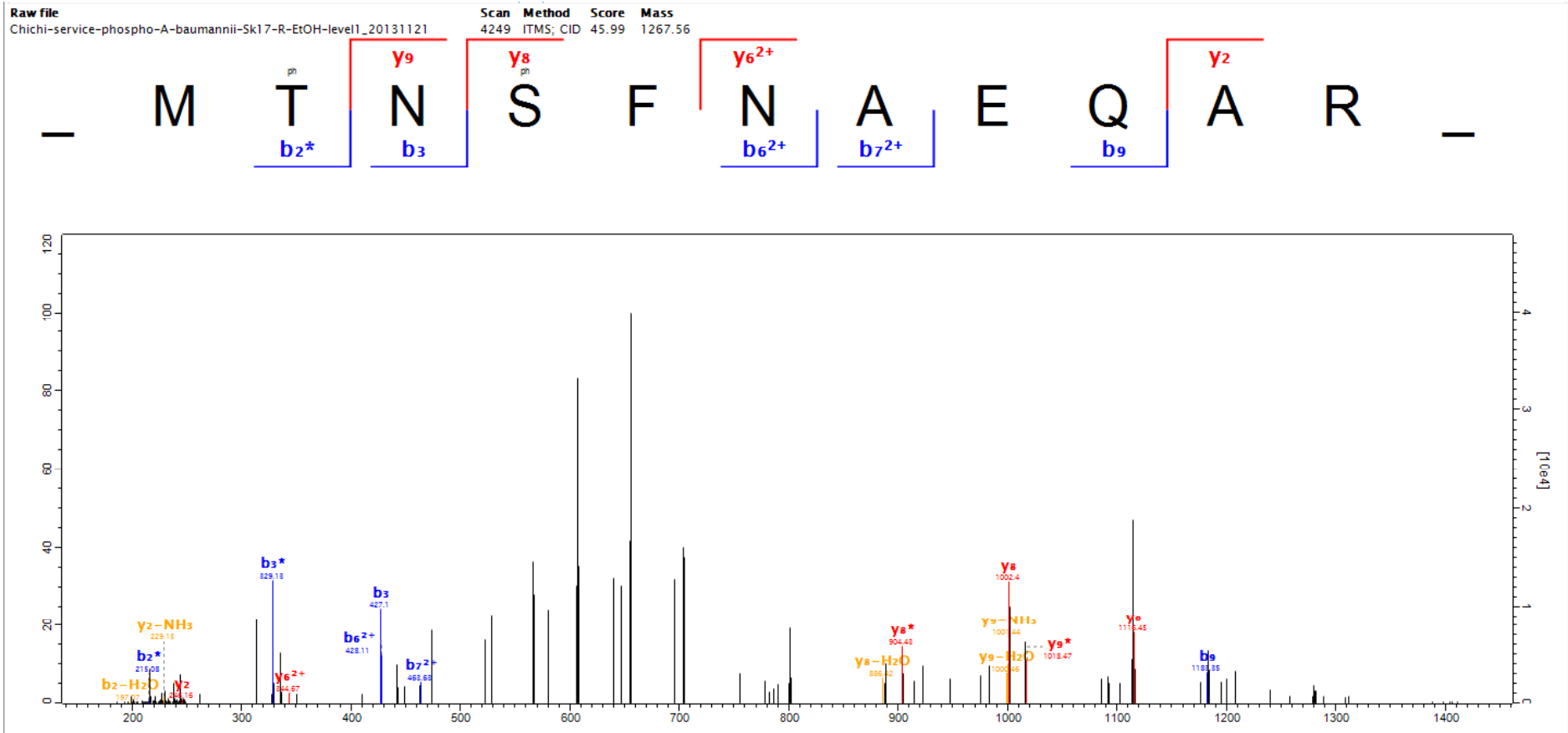
122



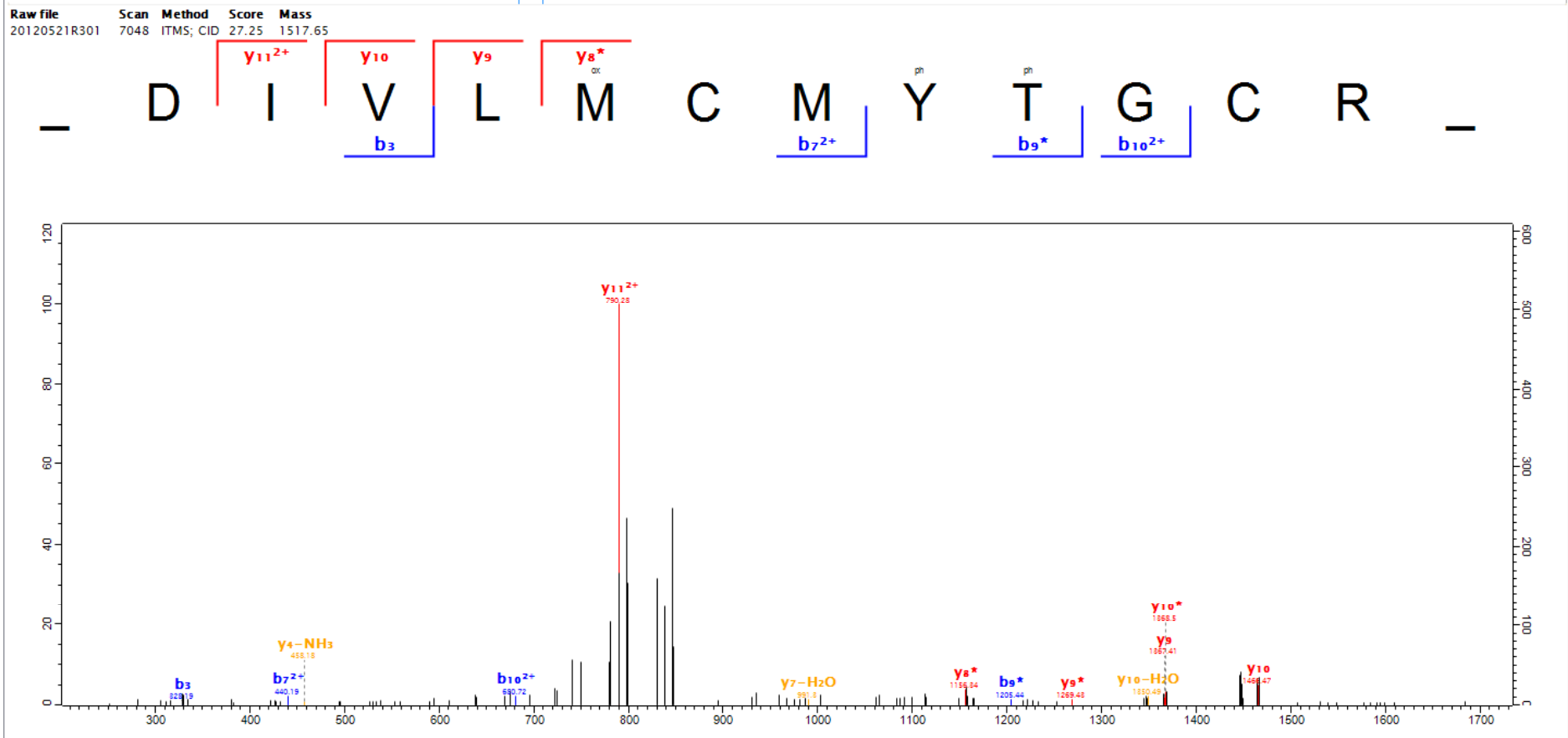
Scan number 2704 Raw file SK18R-2
 Method ITMS: CID Pepti... 53.17

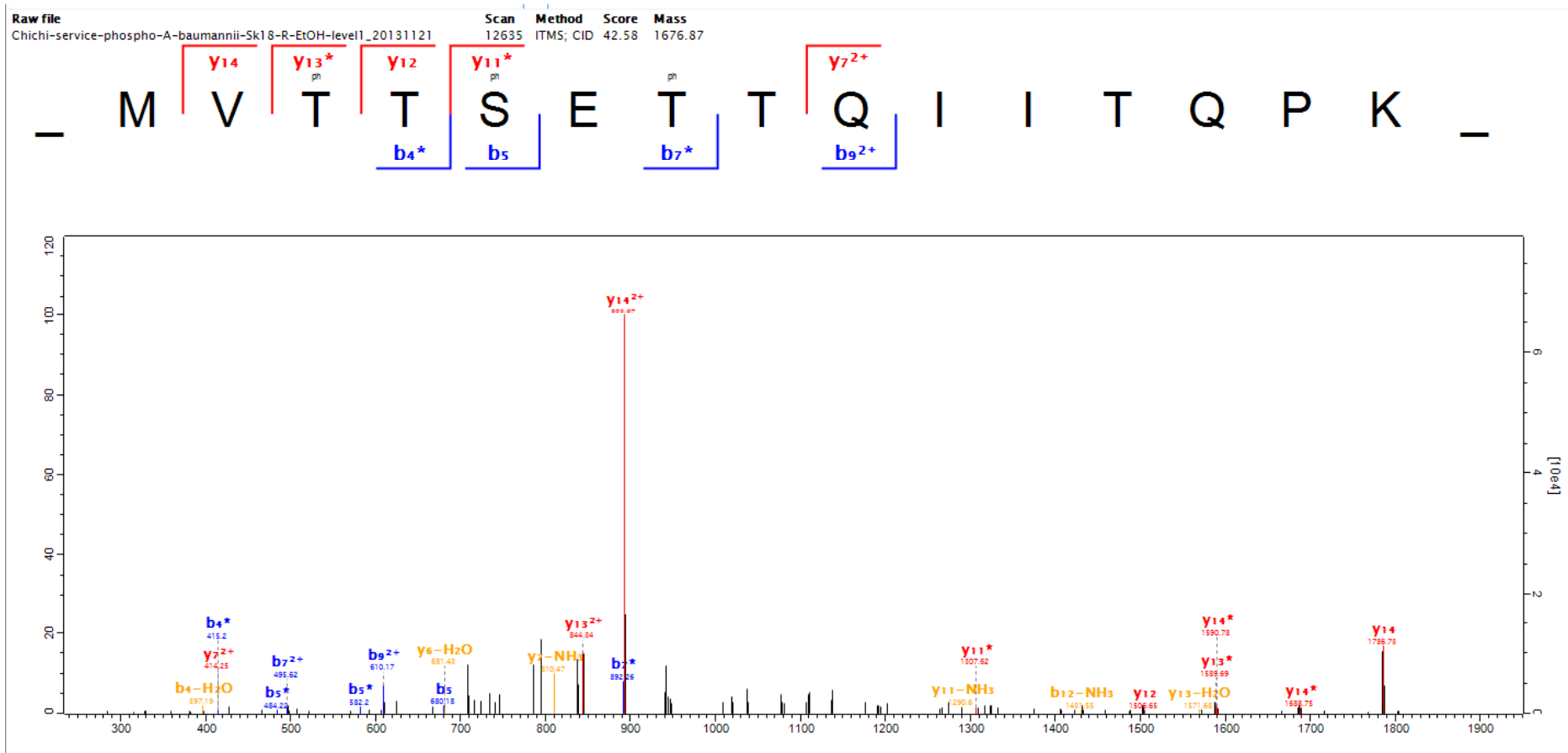


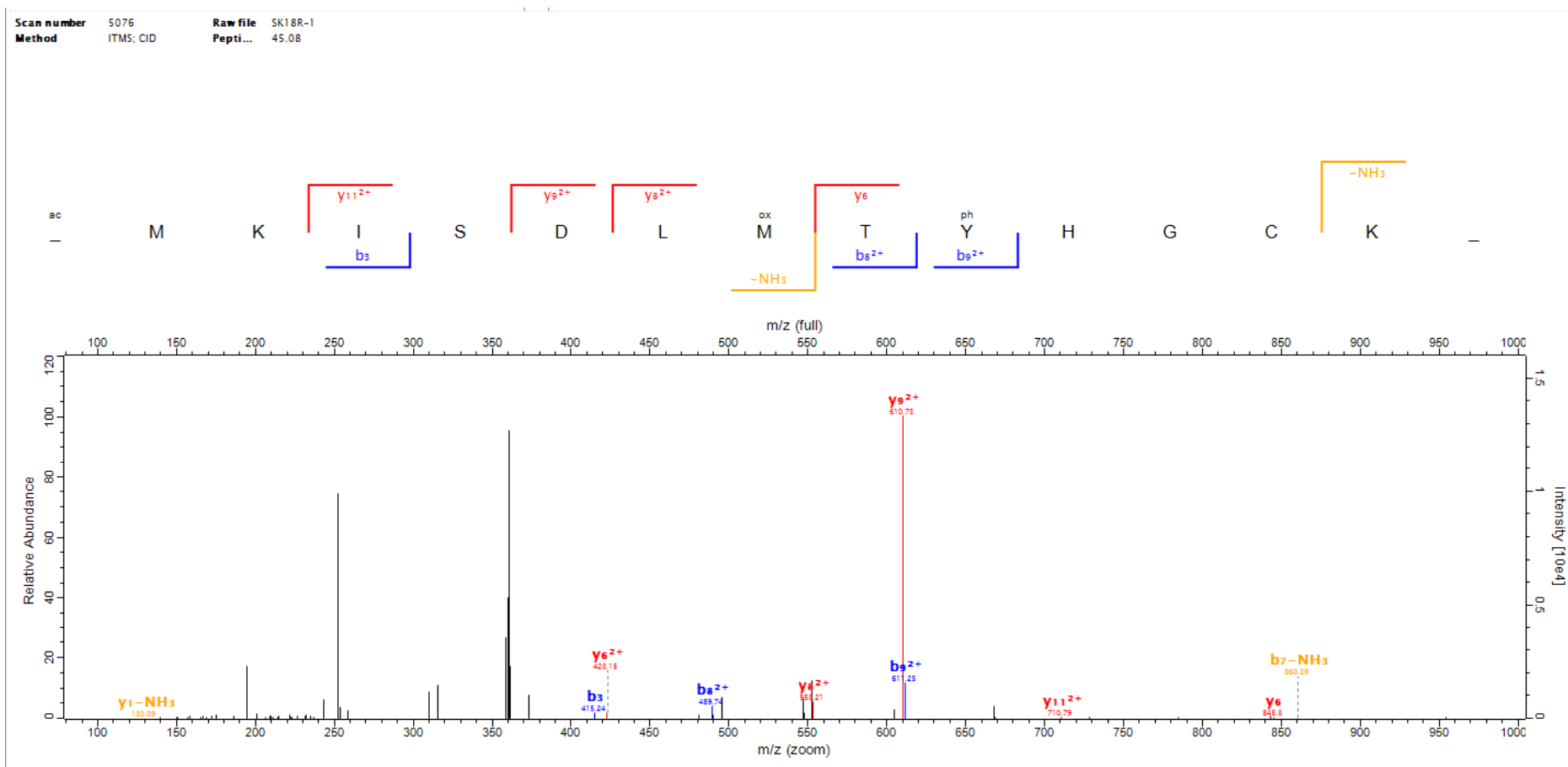
124-1

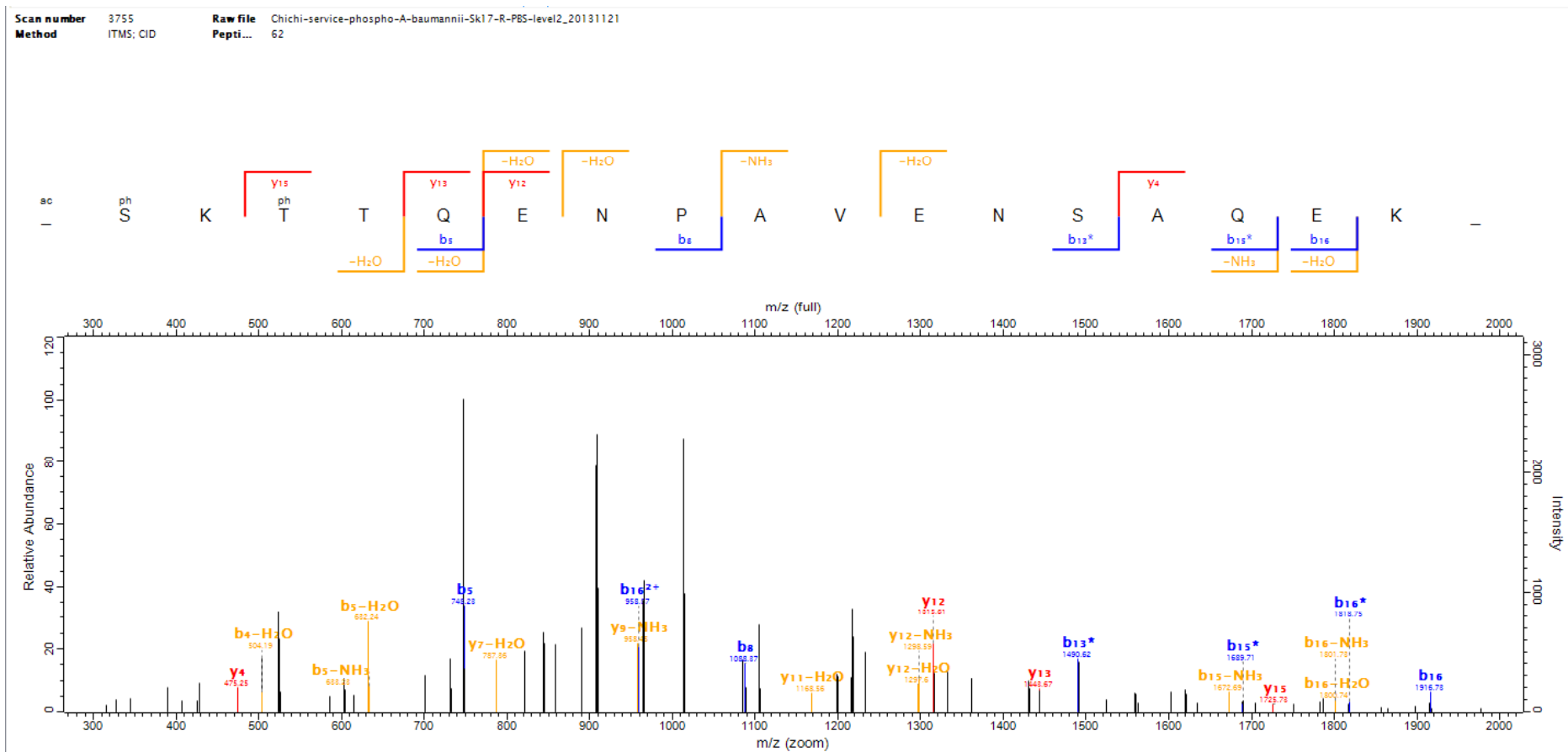


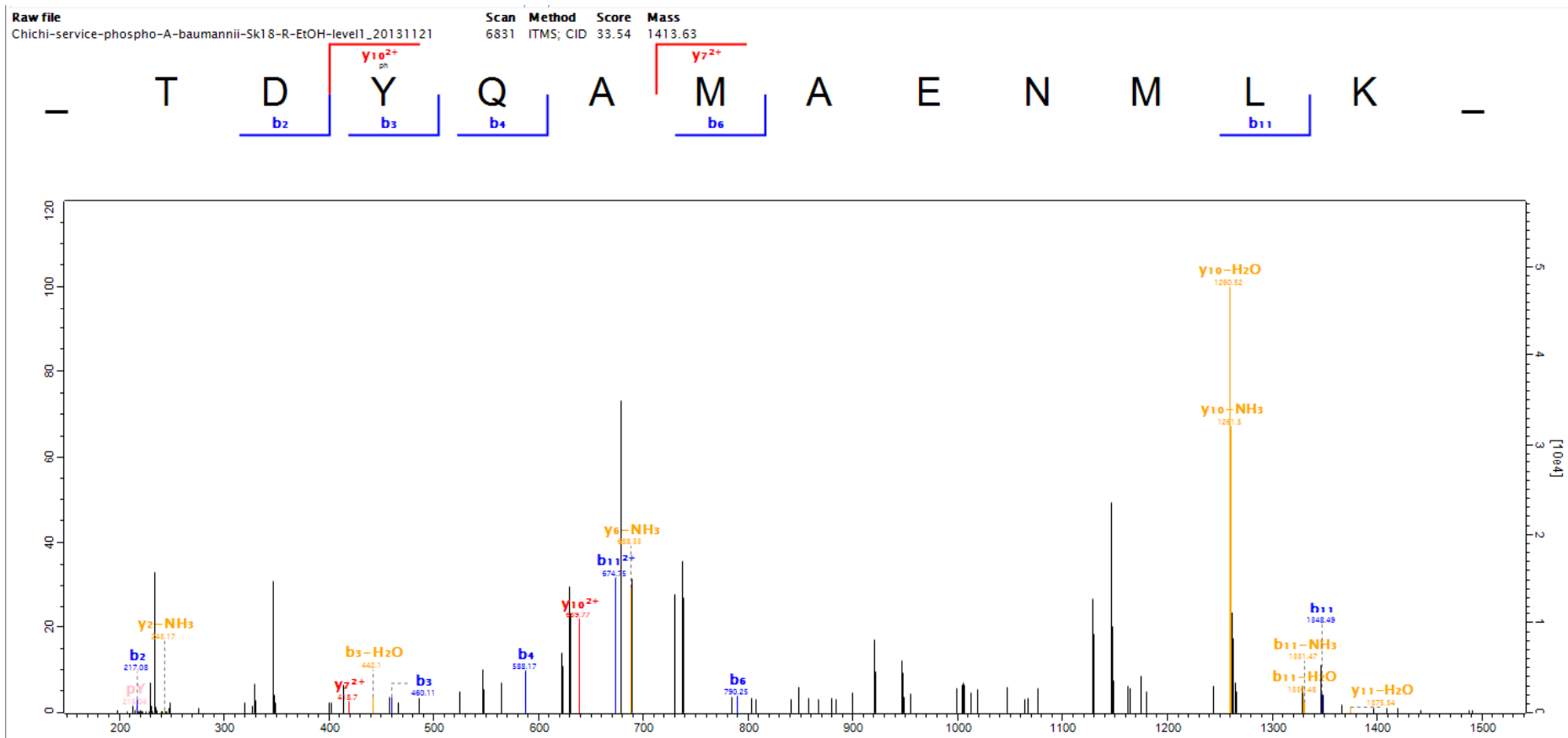
124-2



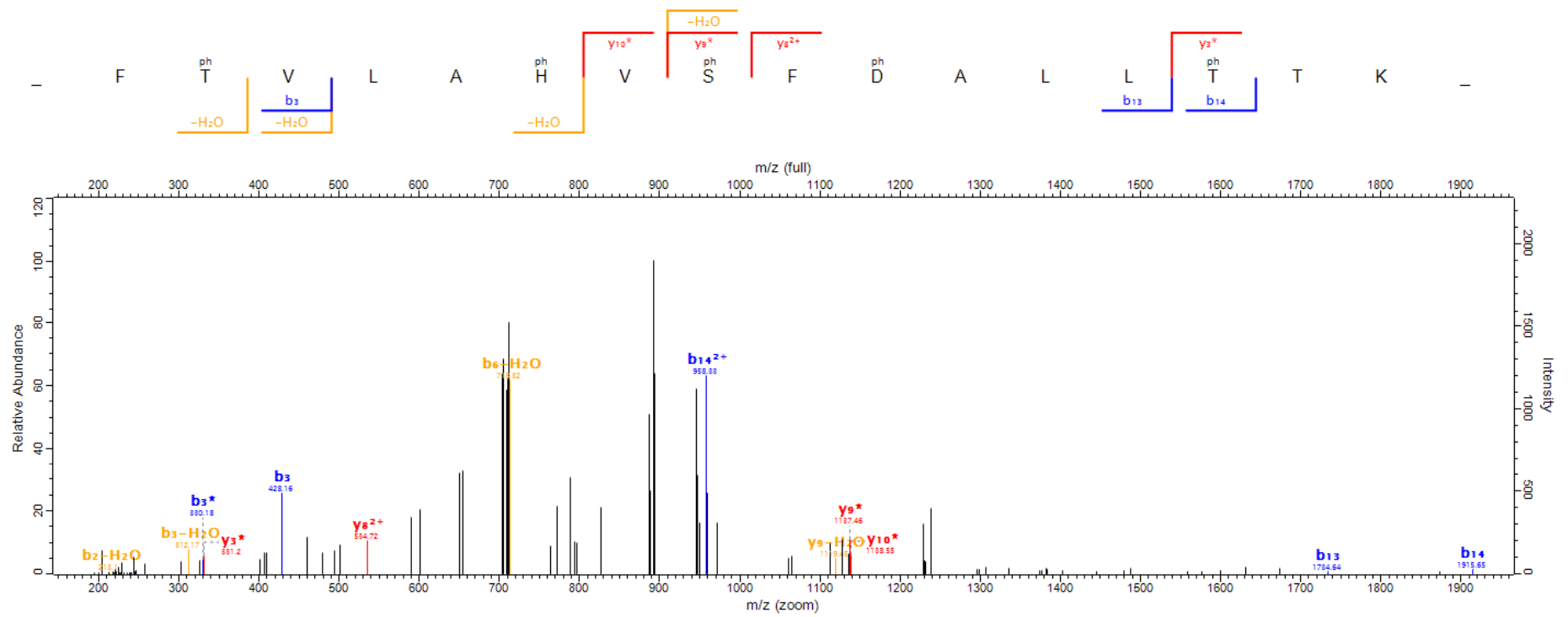




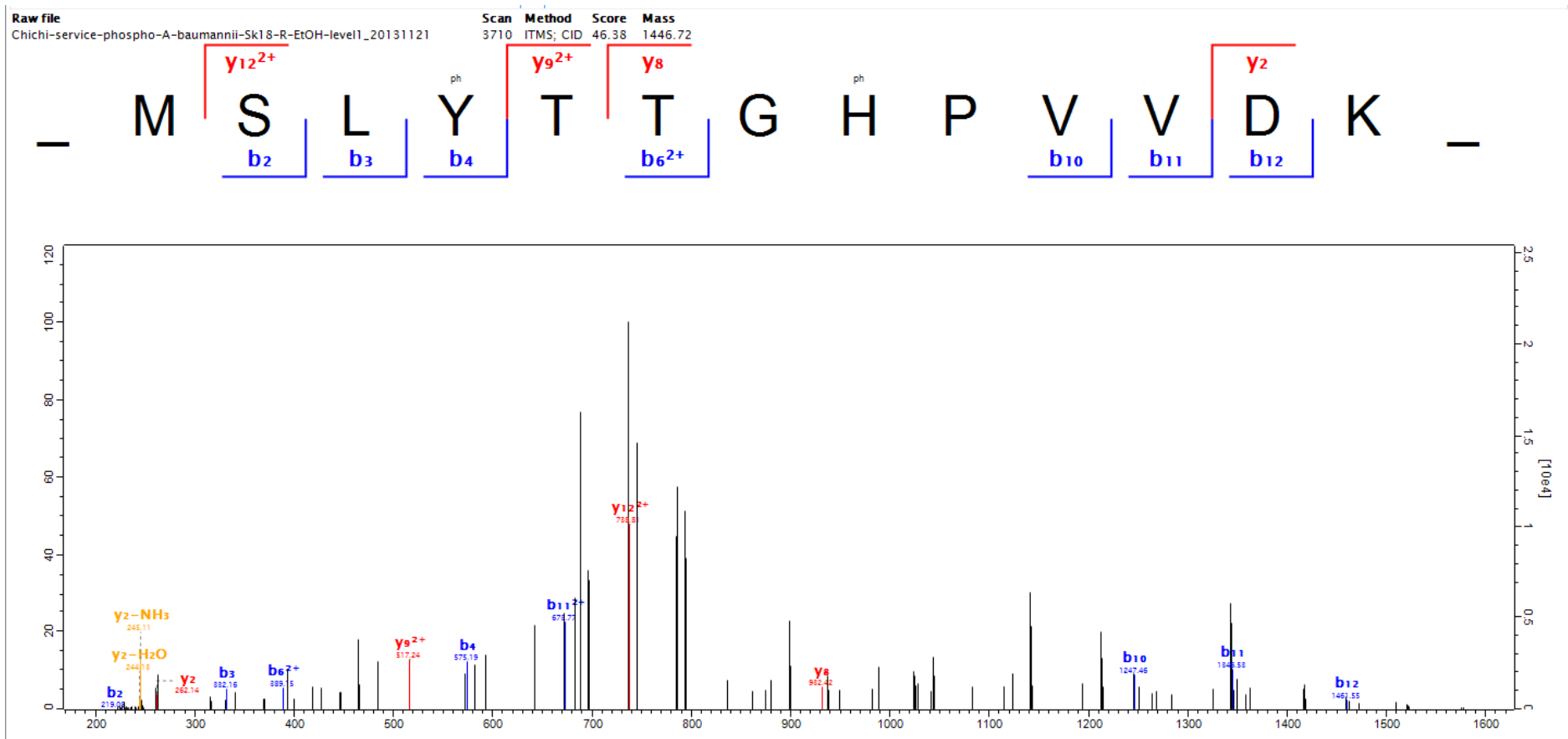


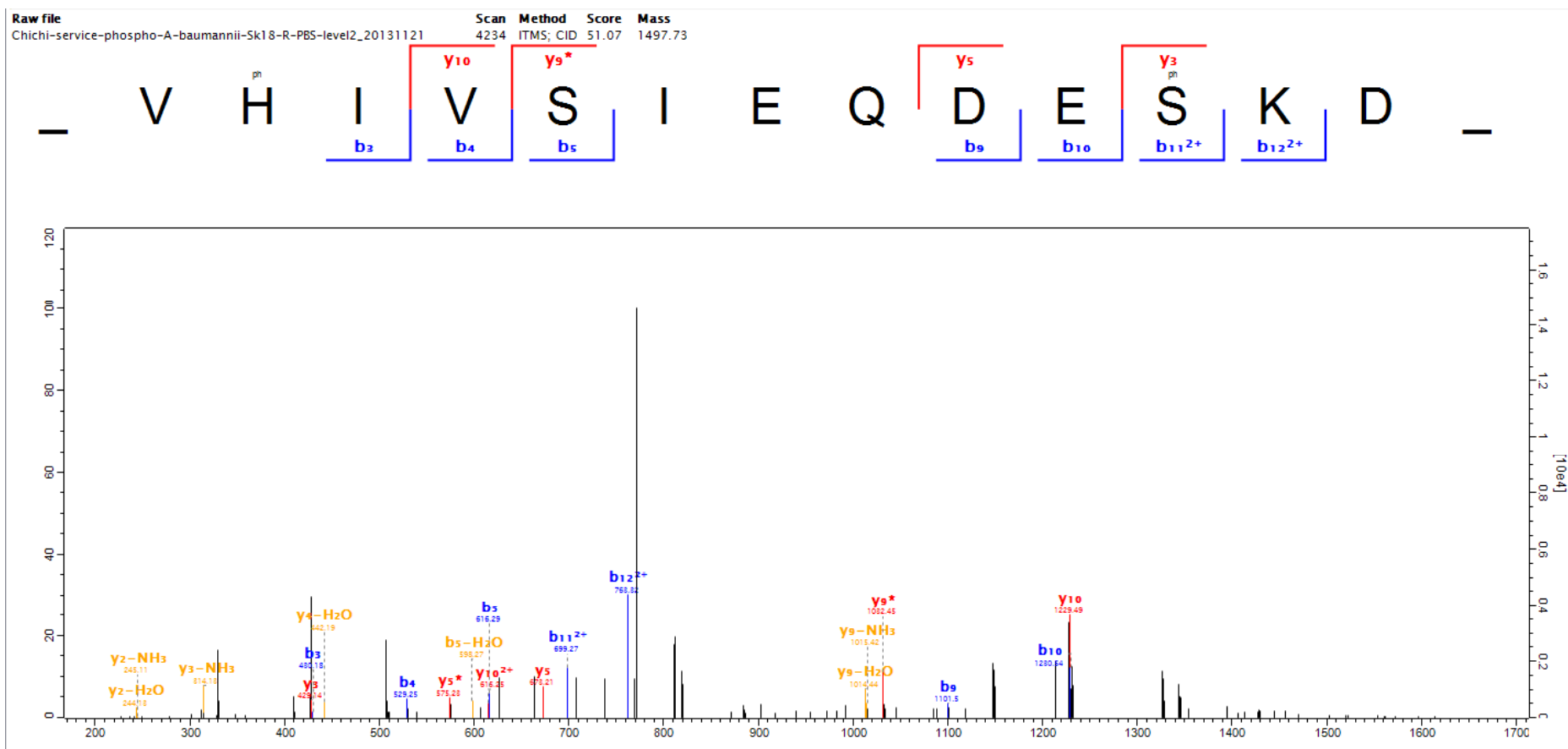


Scan number 2083 Raw file Chichi-service-phospho-A-baumannii-Sk17-R-PBS-level2_20131121
 Method ITMS: CID Pepti... 42.71

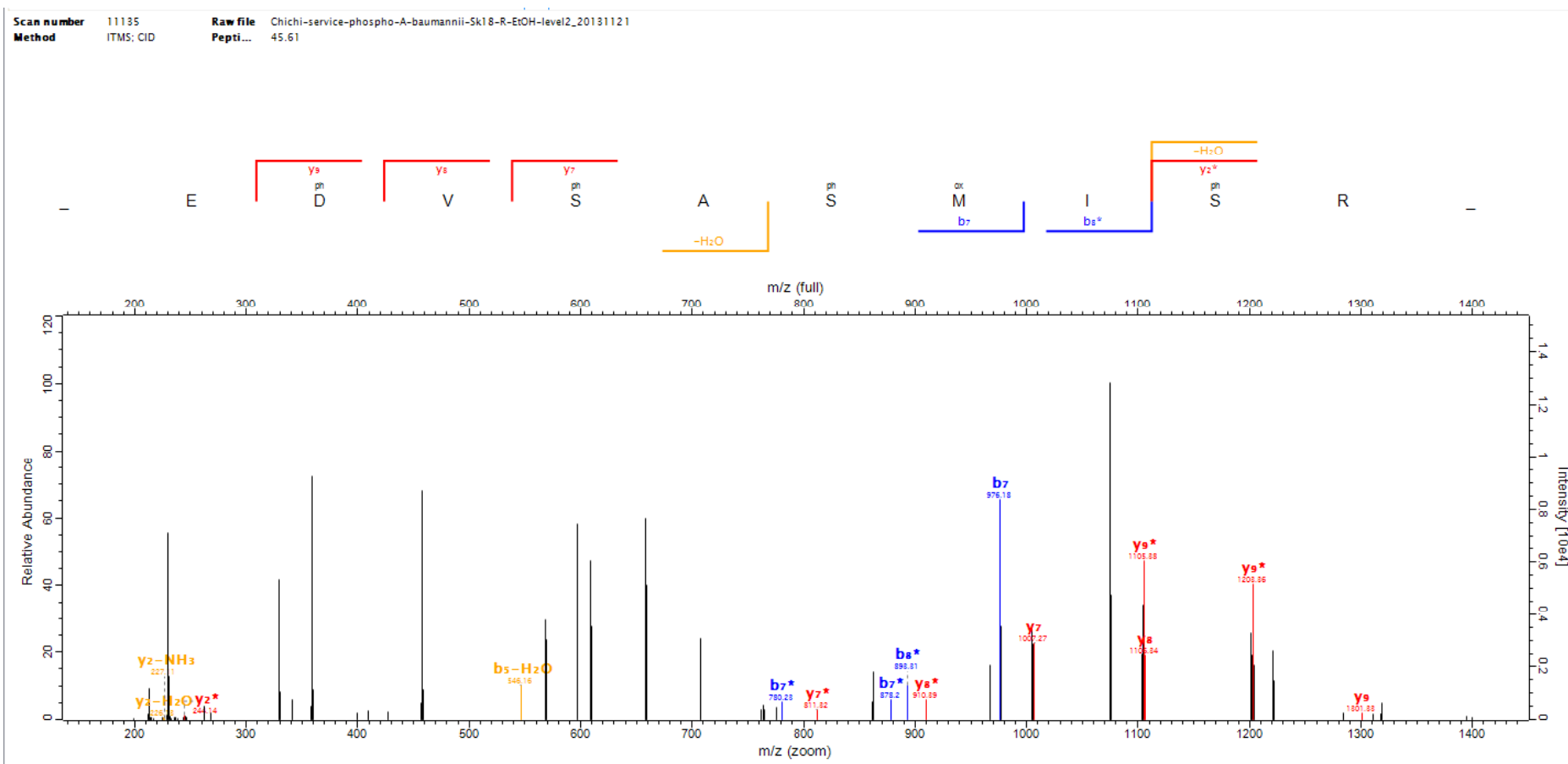


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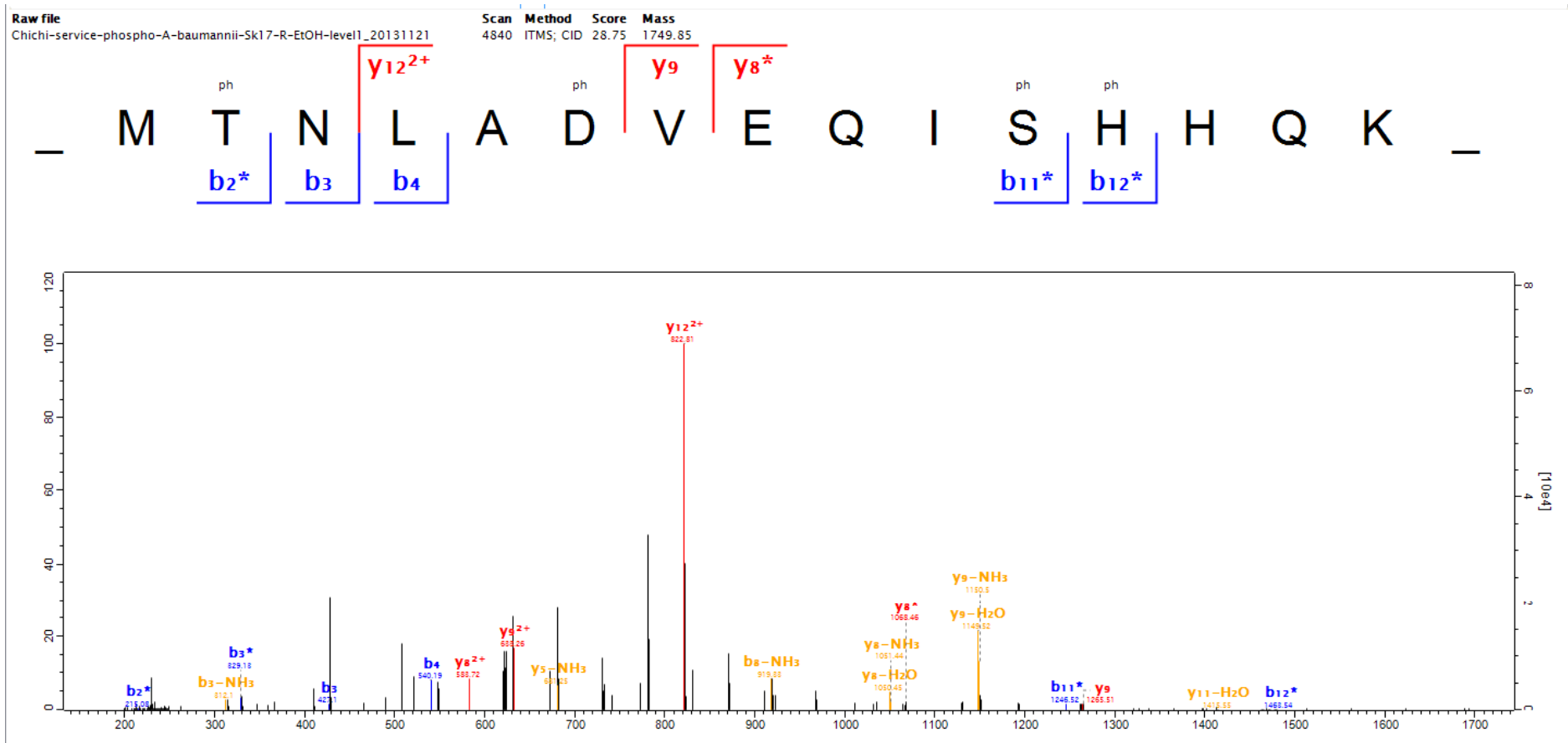




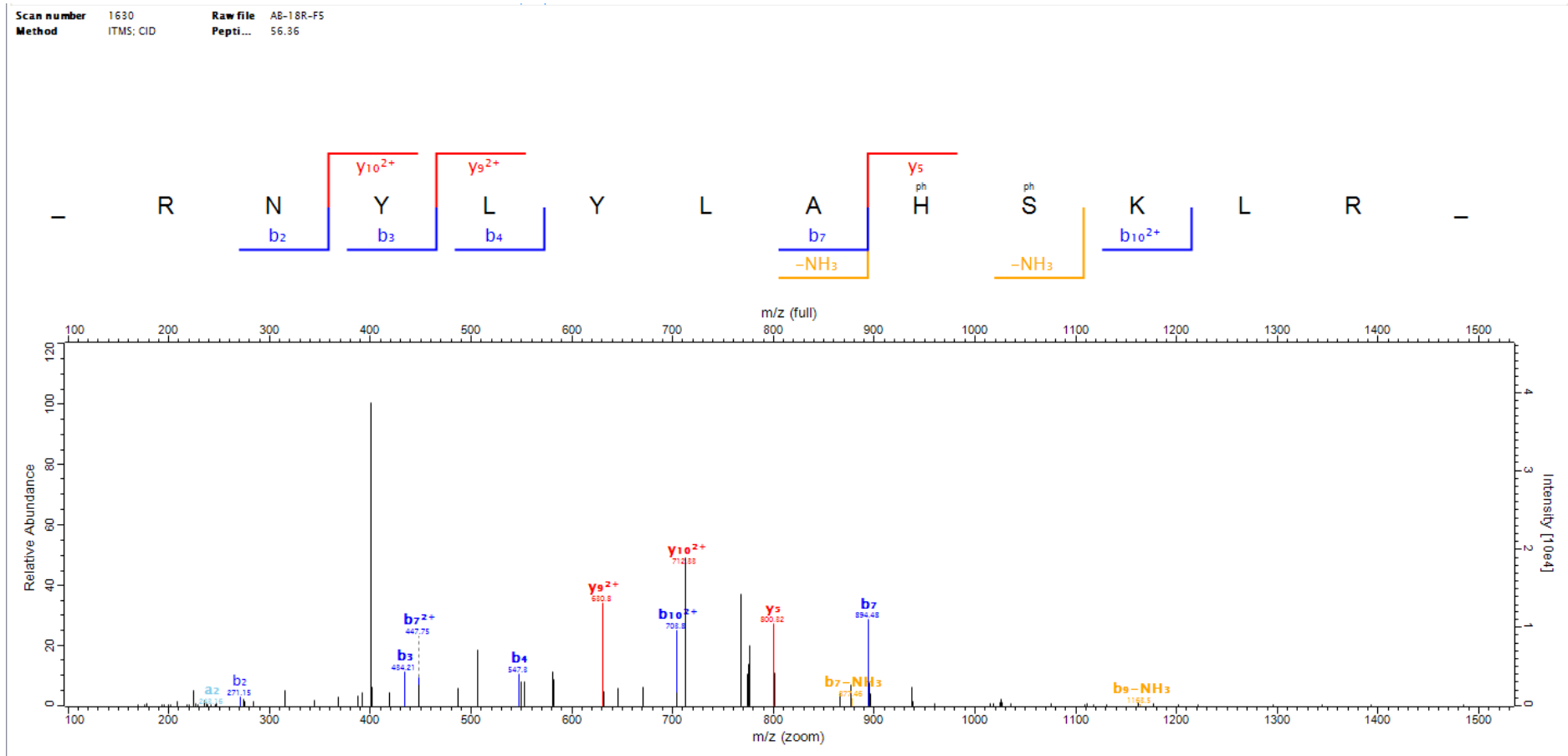
133

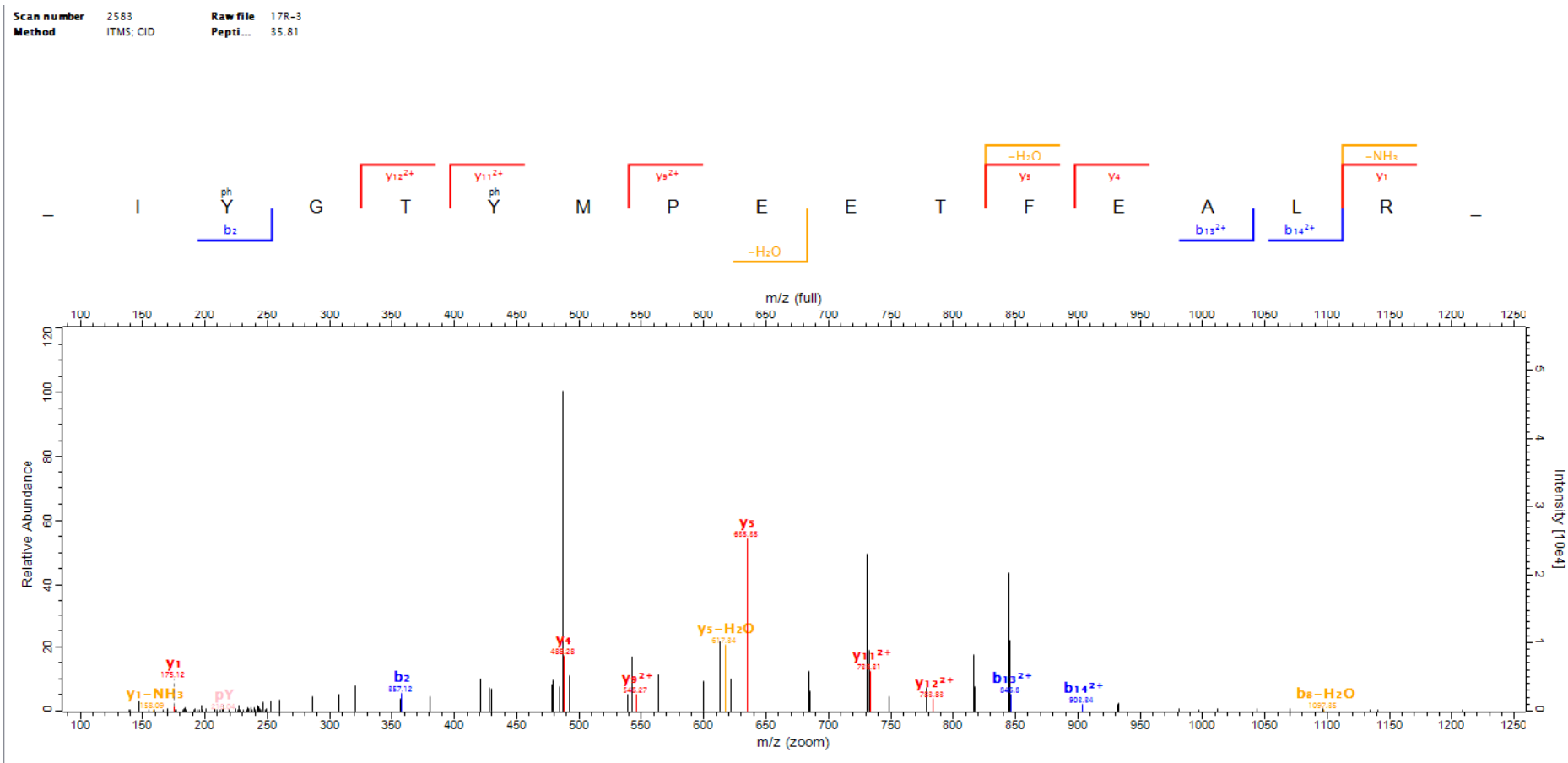


134

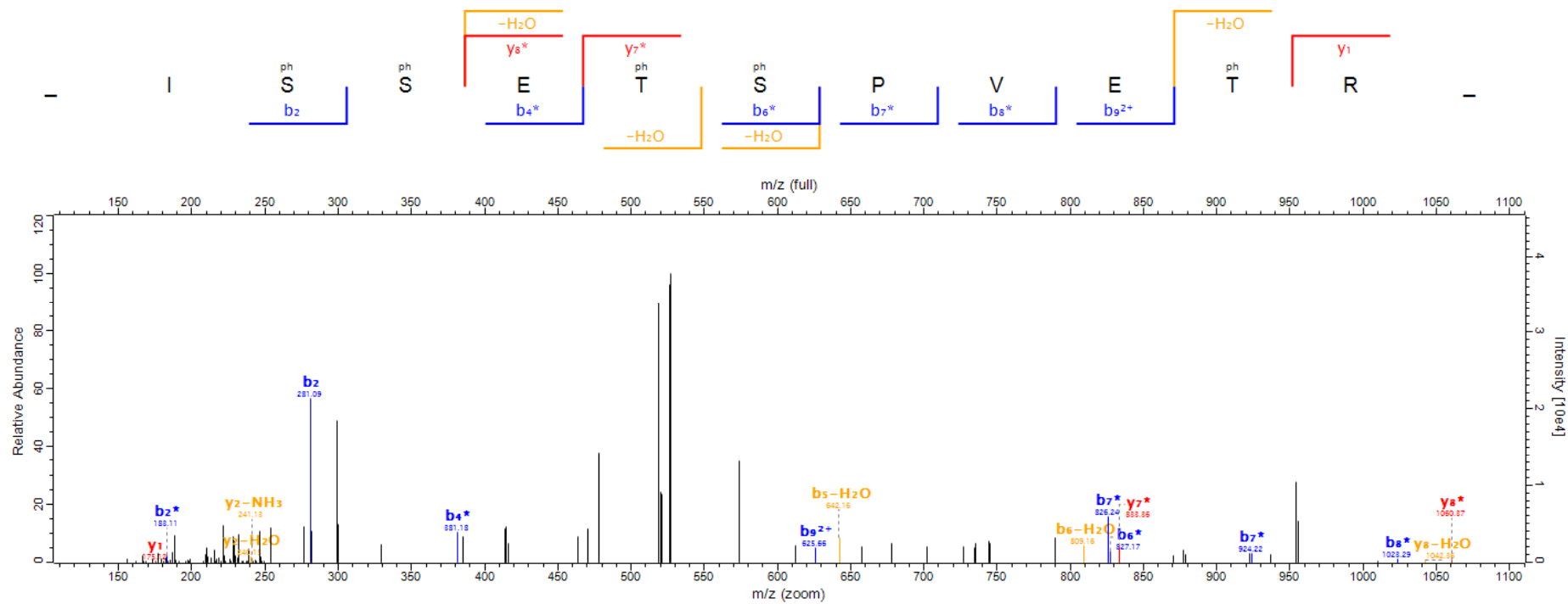


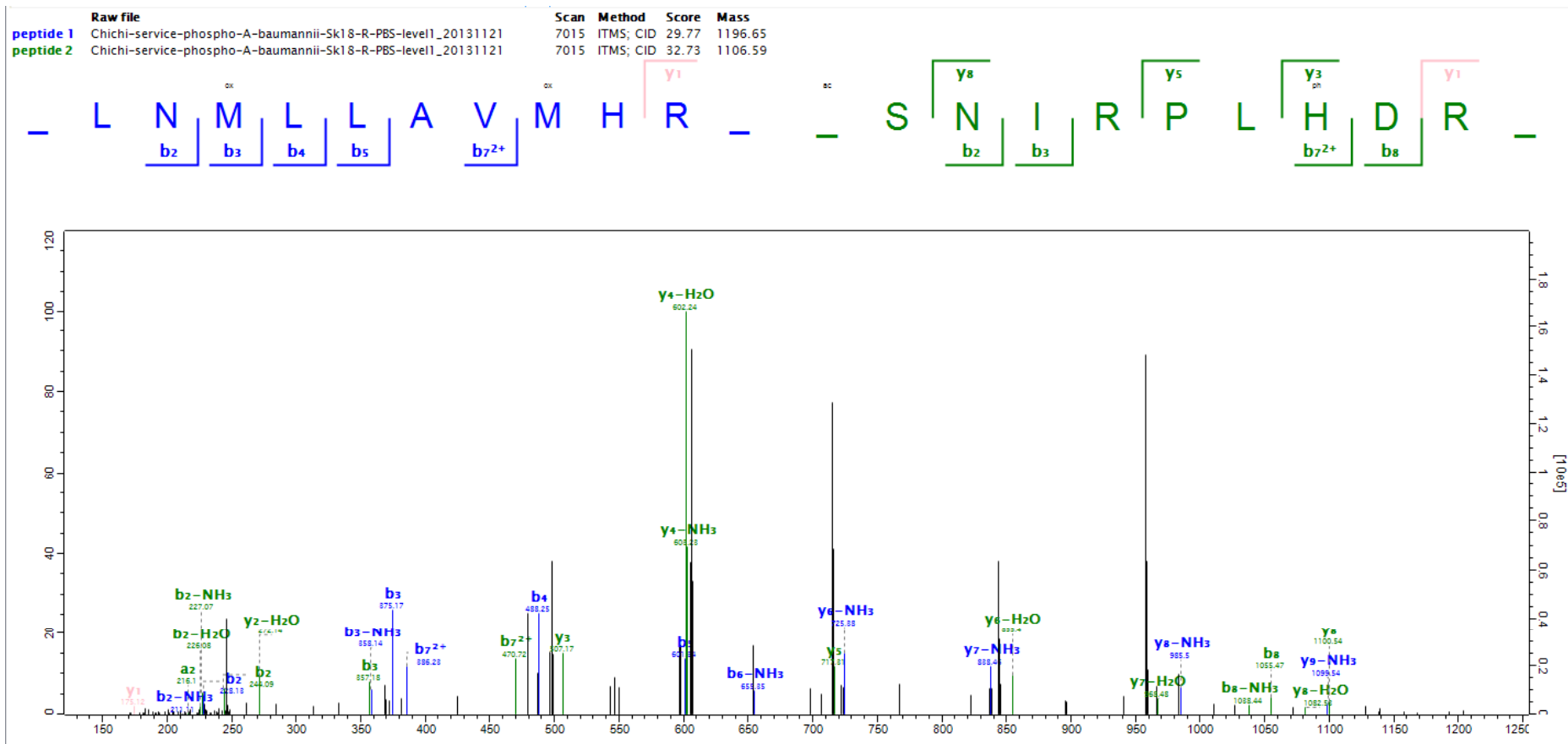
135

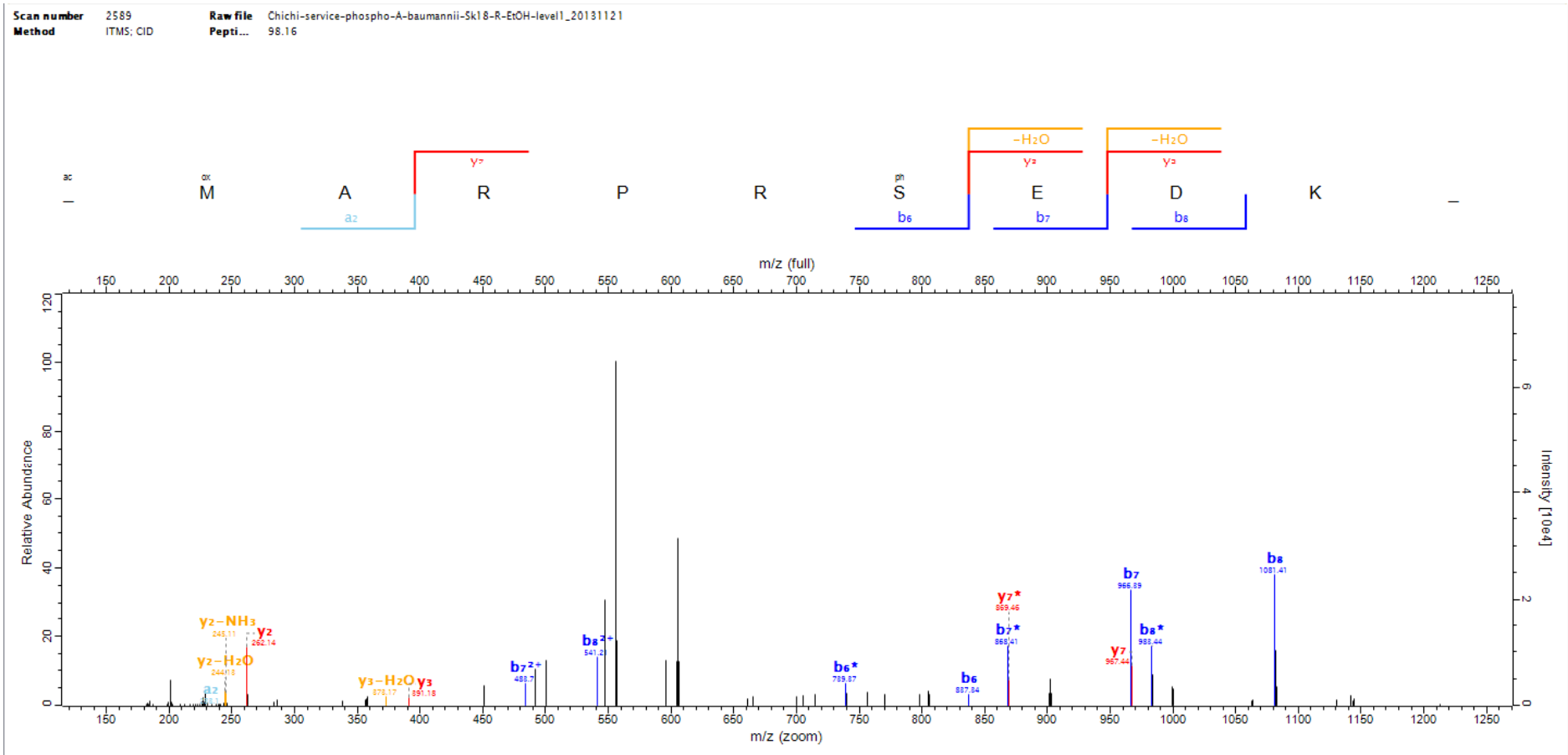




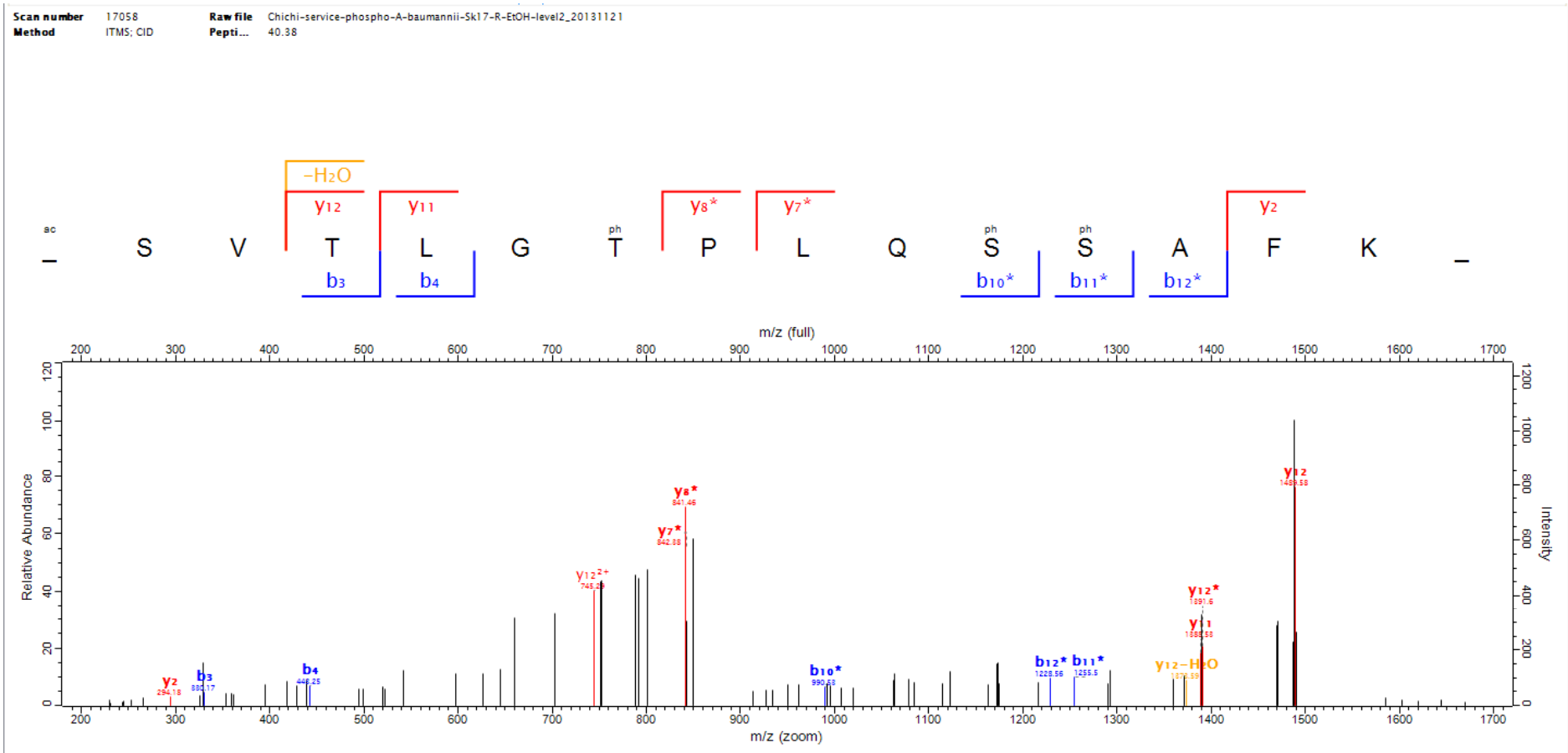
Scan number 13130 Raw file Chichi-service-phospho-A-baumannii-Sk17-R-EtOH-level1_20131121
 Method ITMS; CID Pepti... 32.19





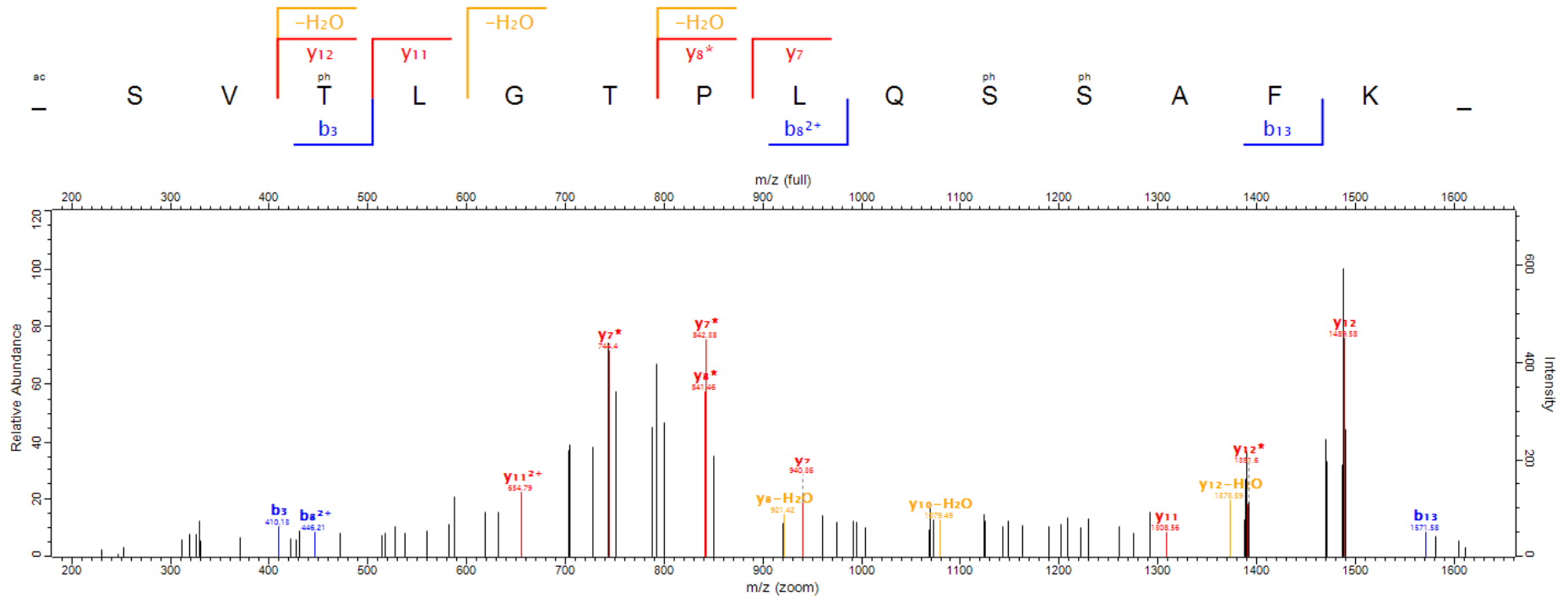


140-1

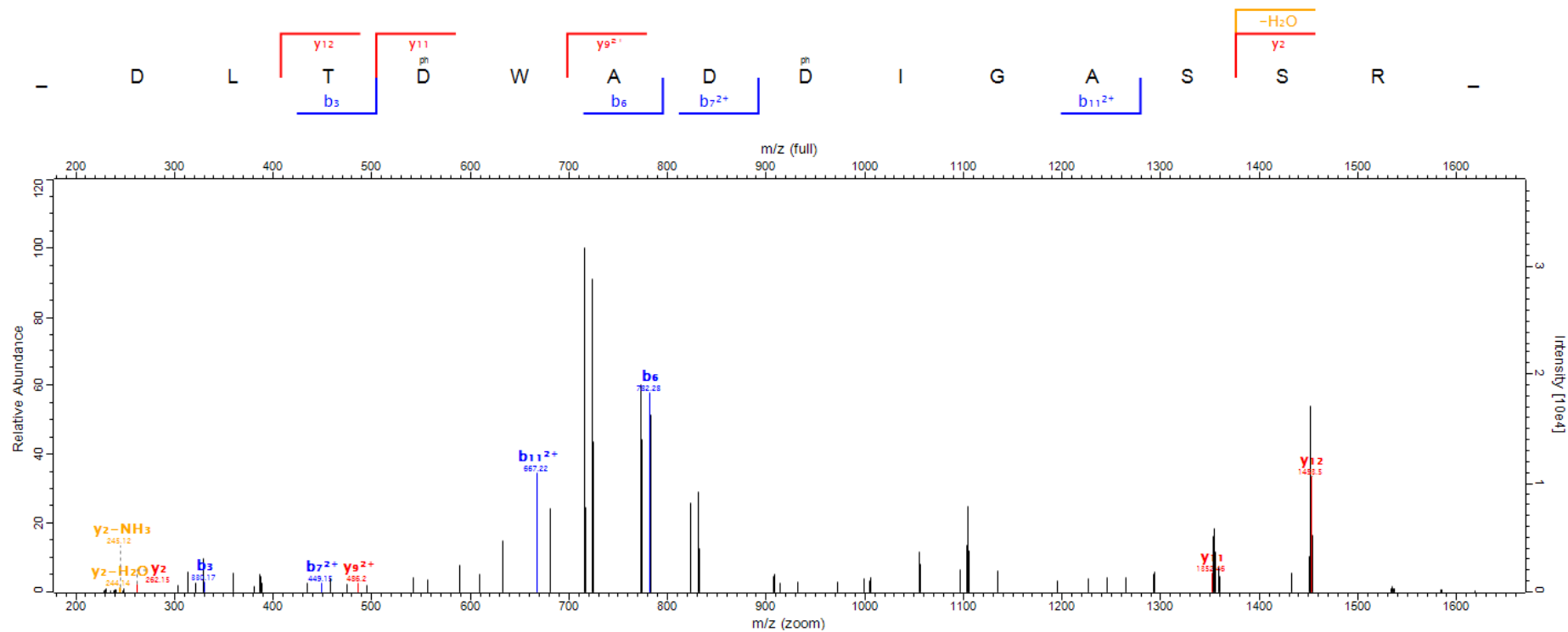


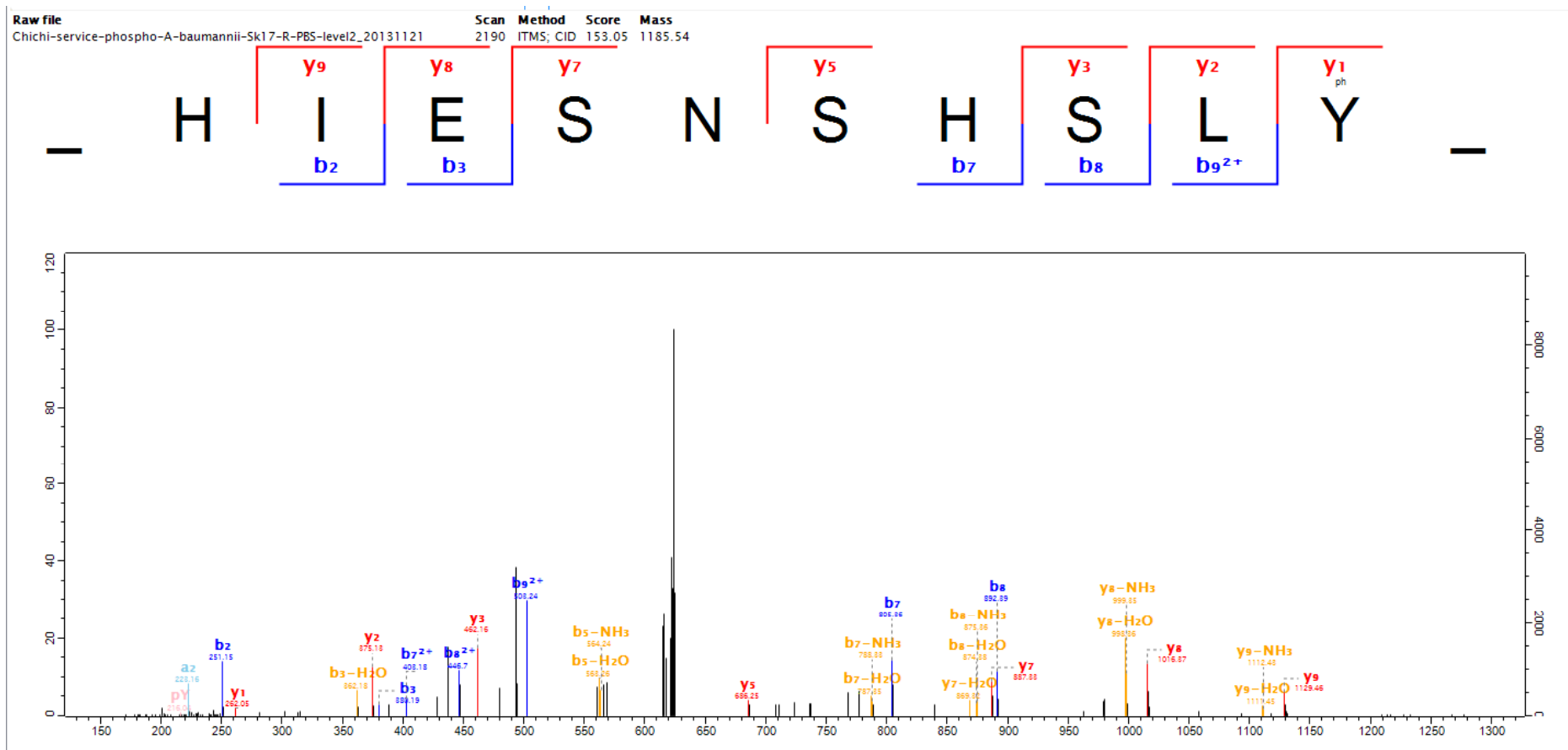
140-2

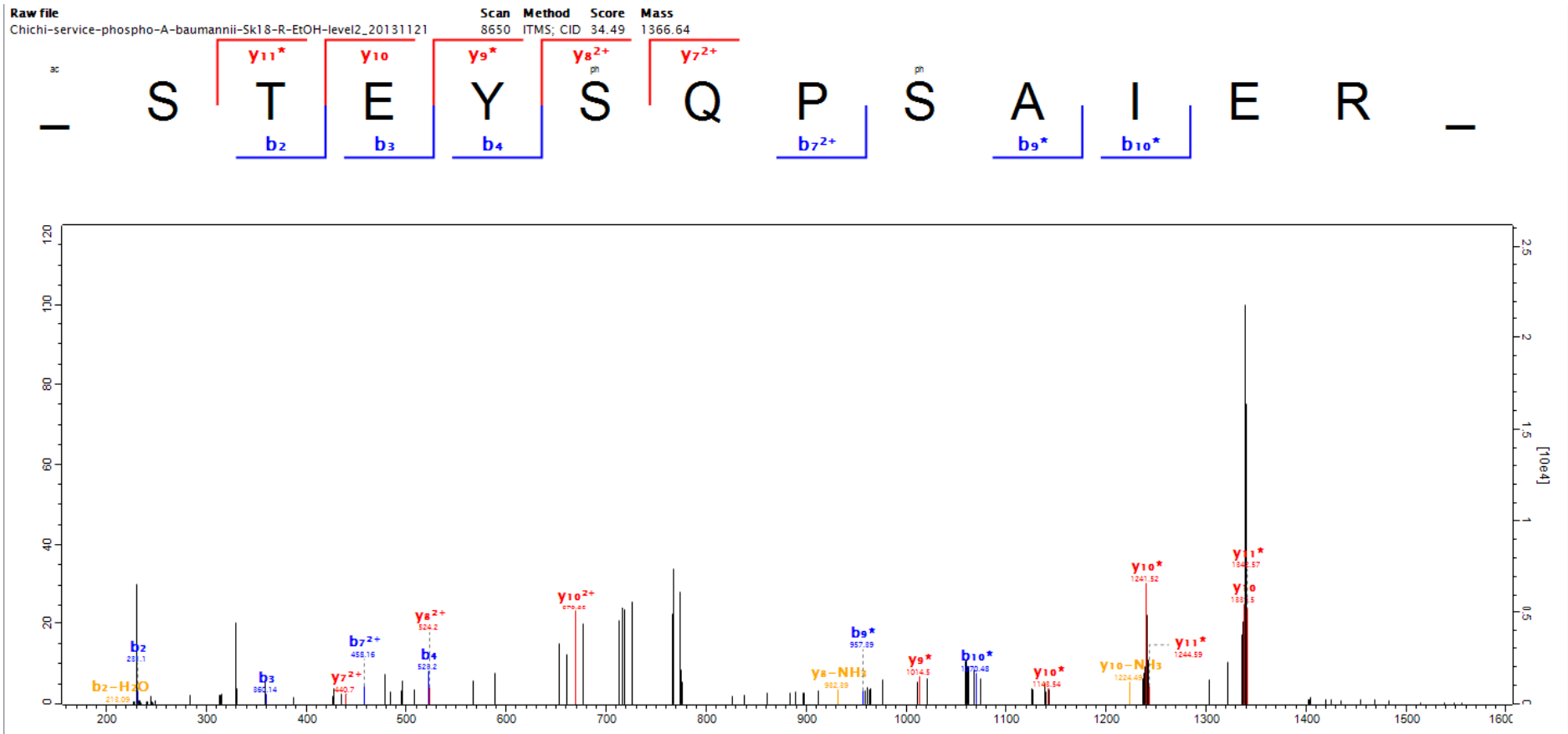
Scan number 17544 Raw file Chichi-service-phospho-A-baumannii-Sk17-R-EtOH-level2_20131121
Method ITMS: CID Pepti... 47.32



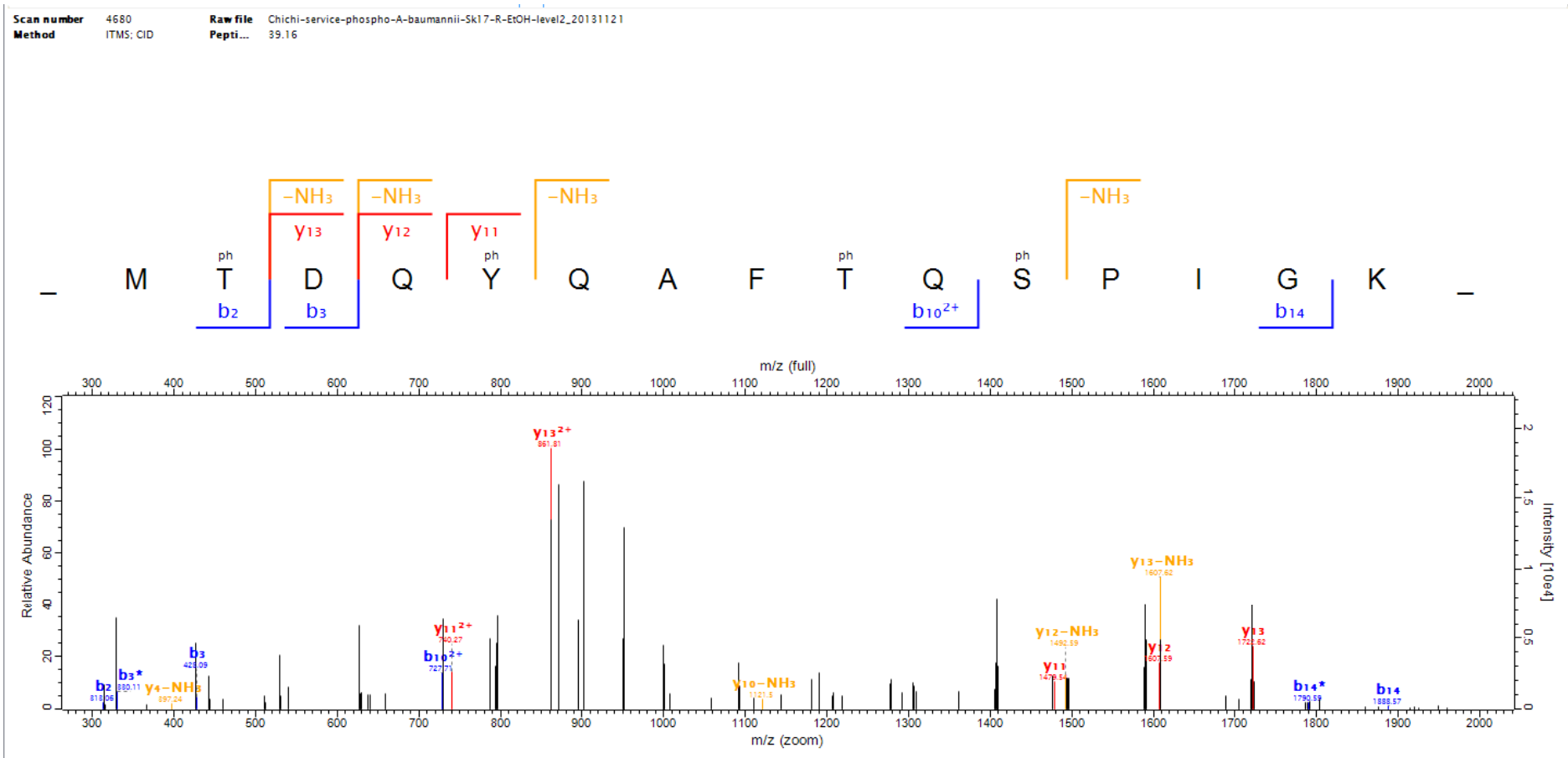
Scan number 5670 Raw file Chichi-service-phospho-A-baumannii-Sk18-R-EtOH-level2_20131121
 Method ITMS; CID Pepti... 38.3



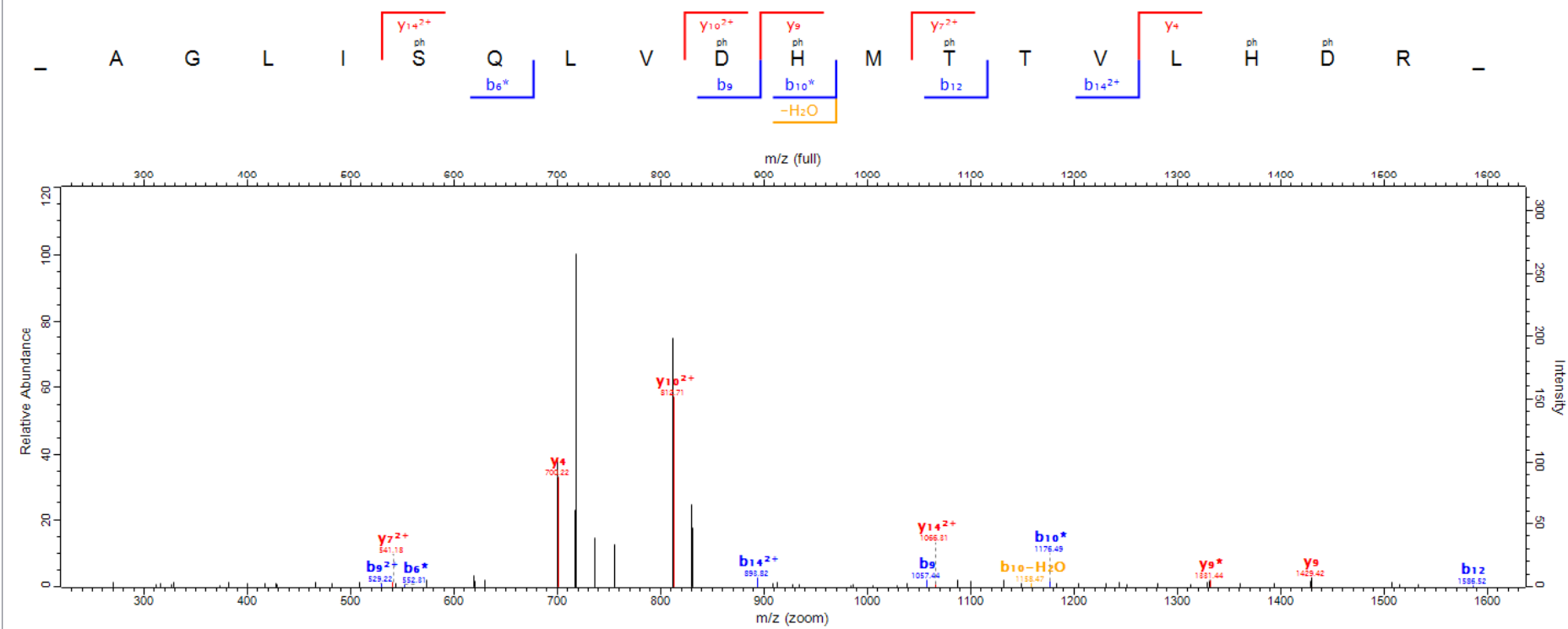


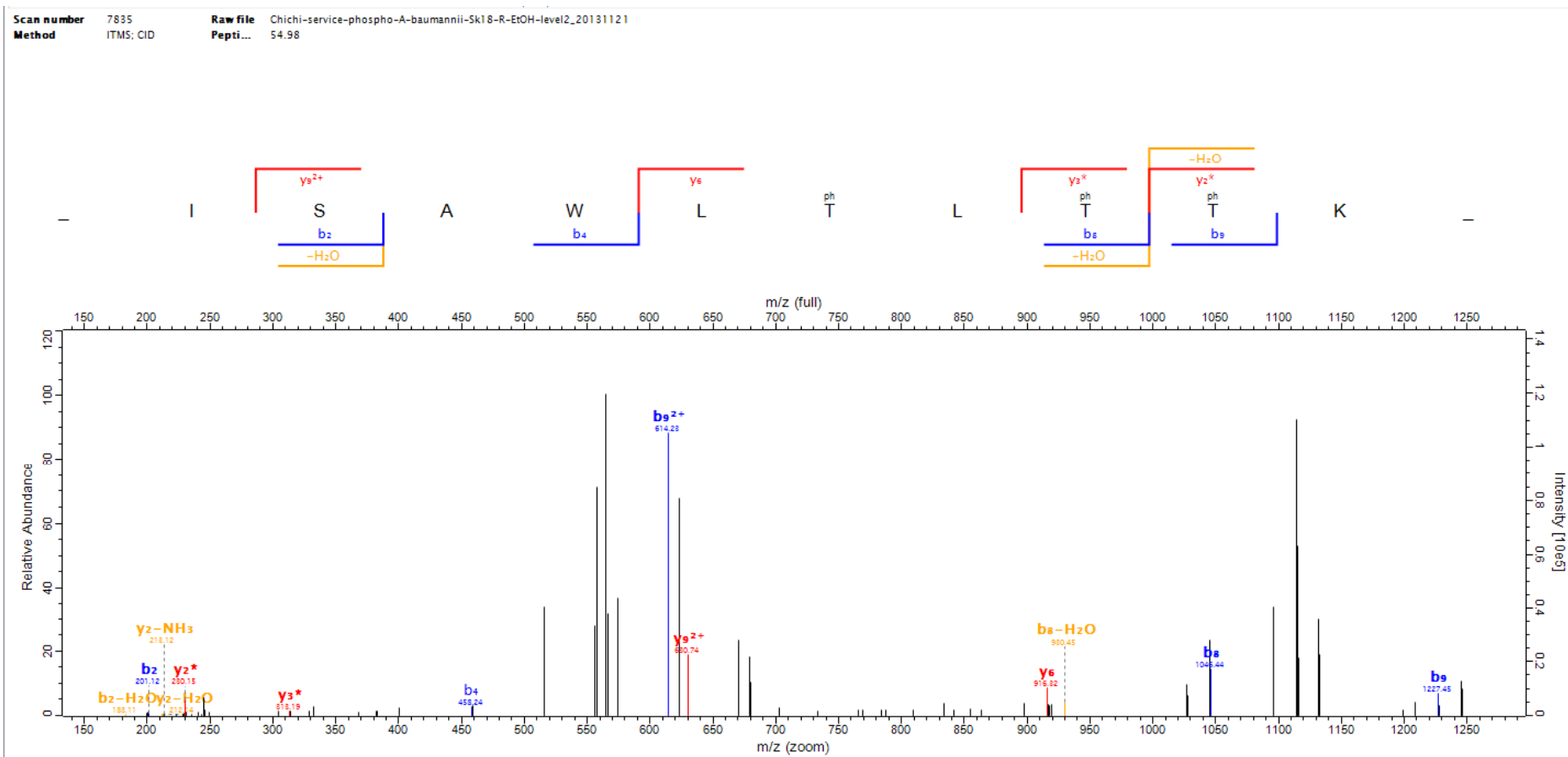


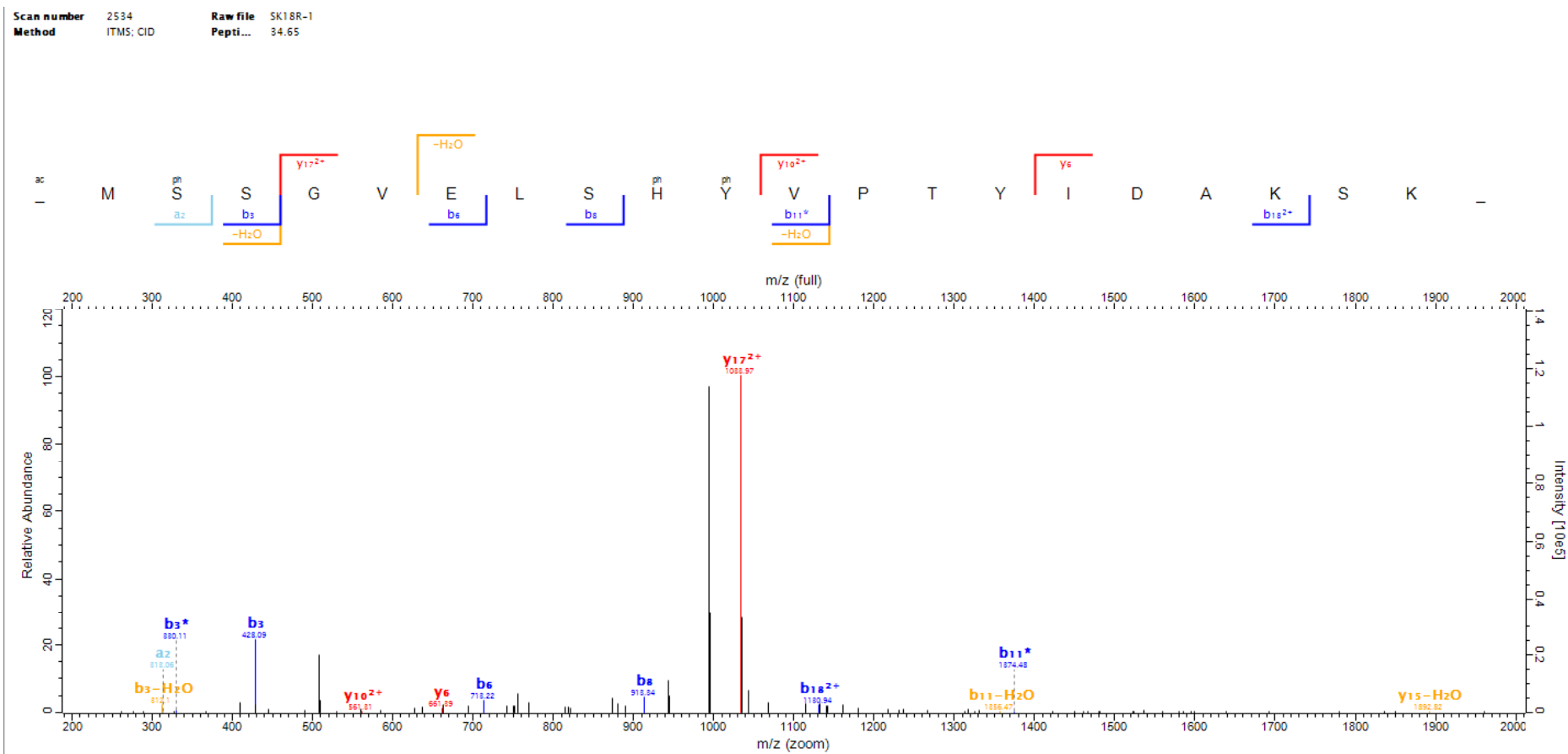
144

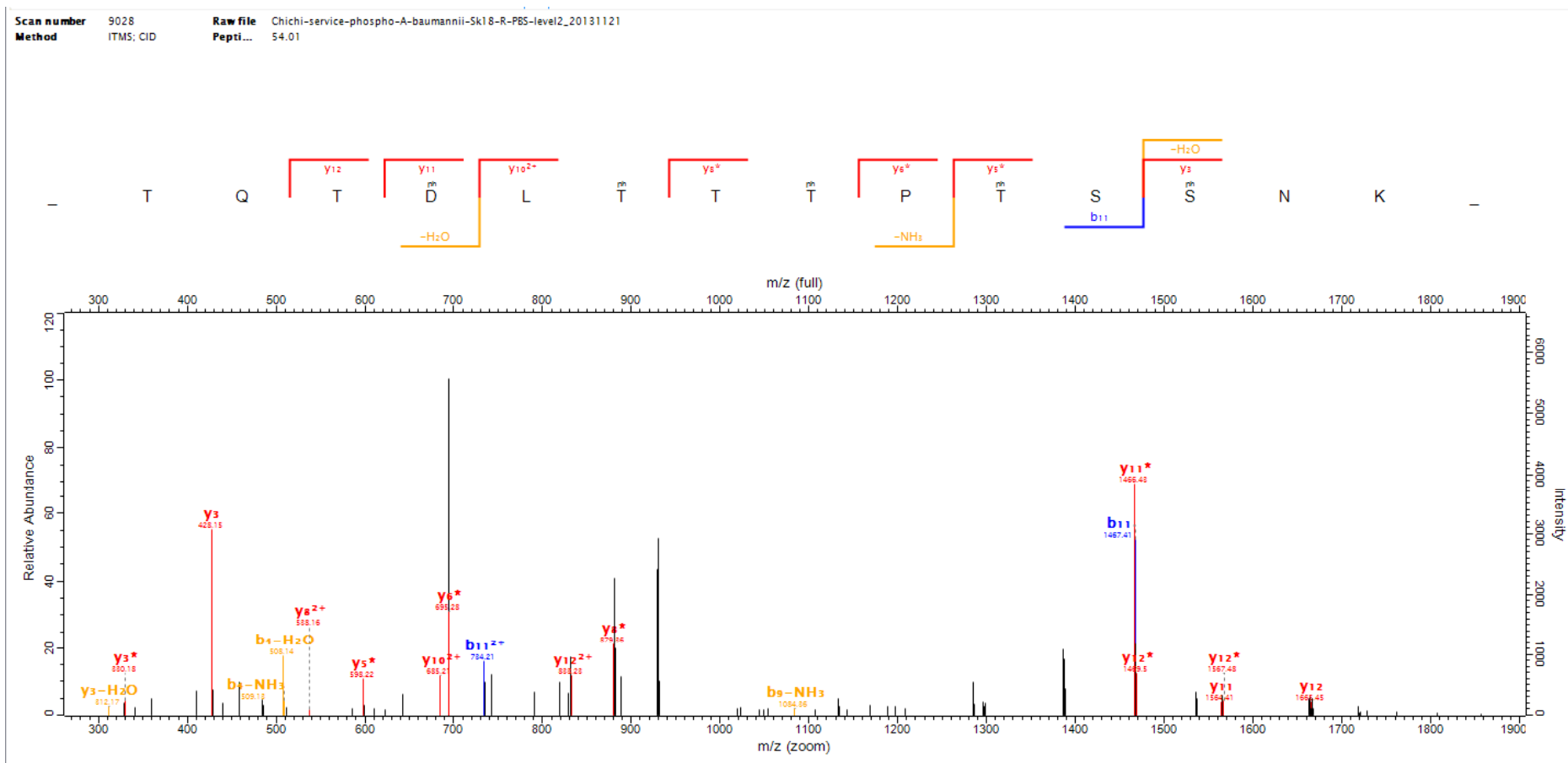


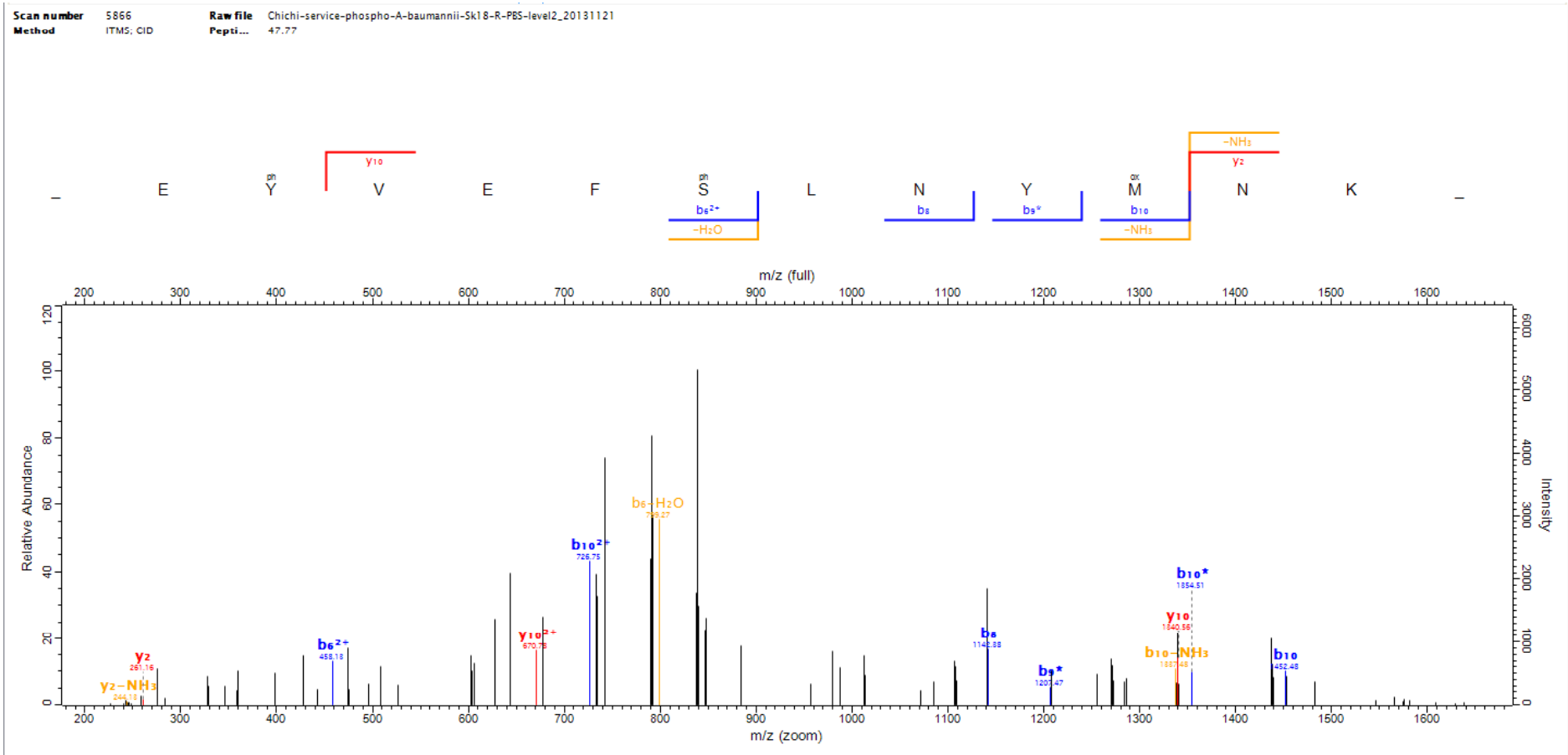
Scan number 11198 Raw file 20120521R101
 Method ITMS; CID Pepti... 31.47



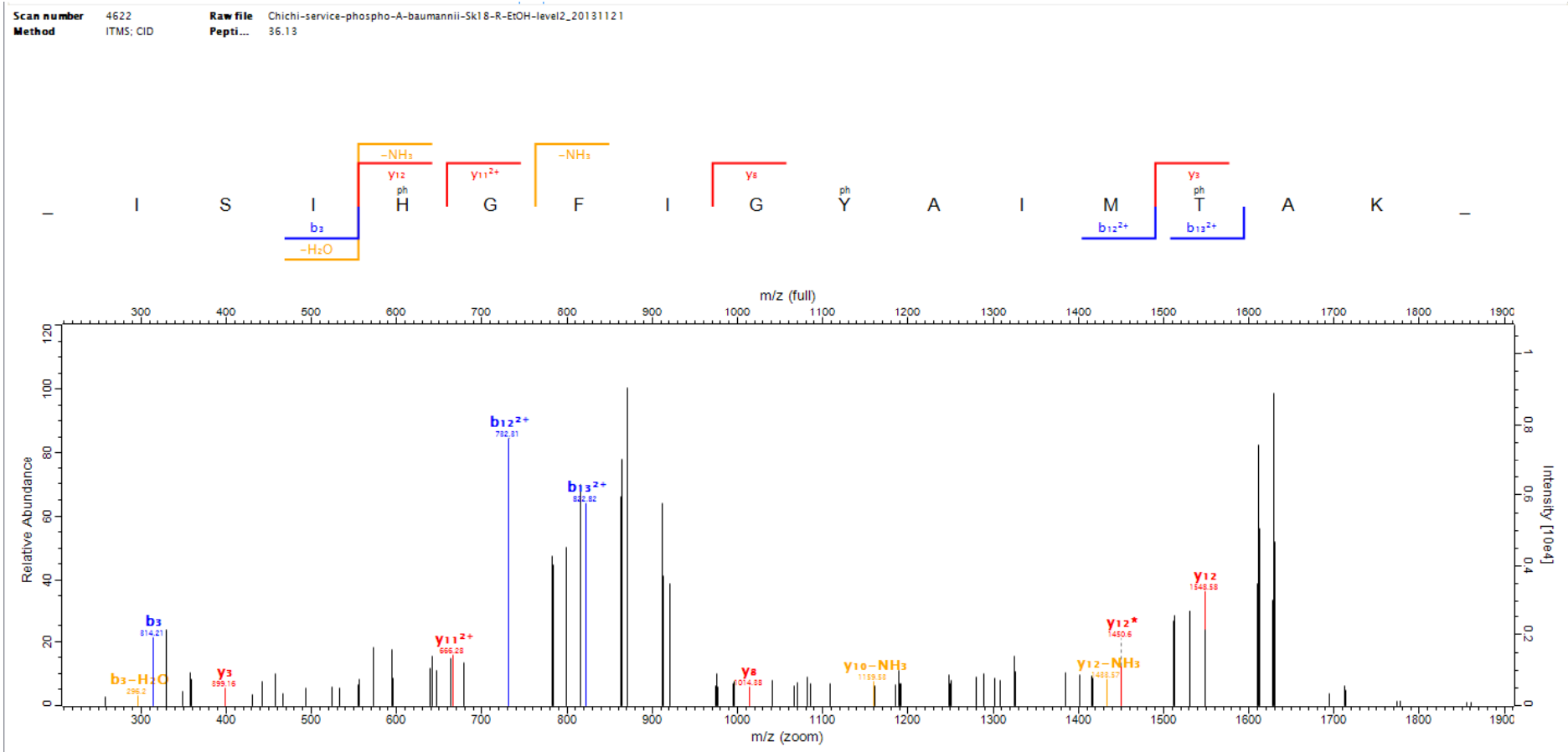


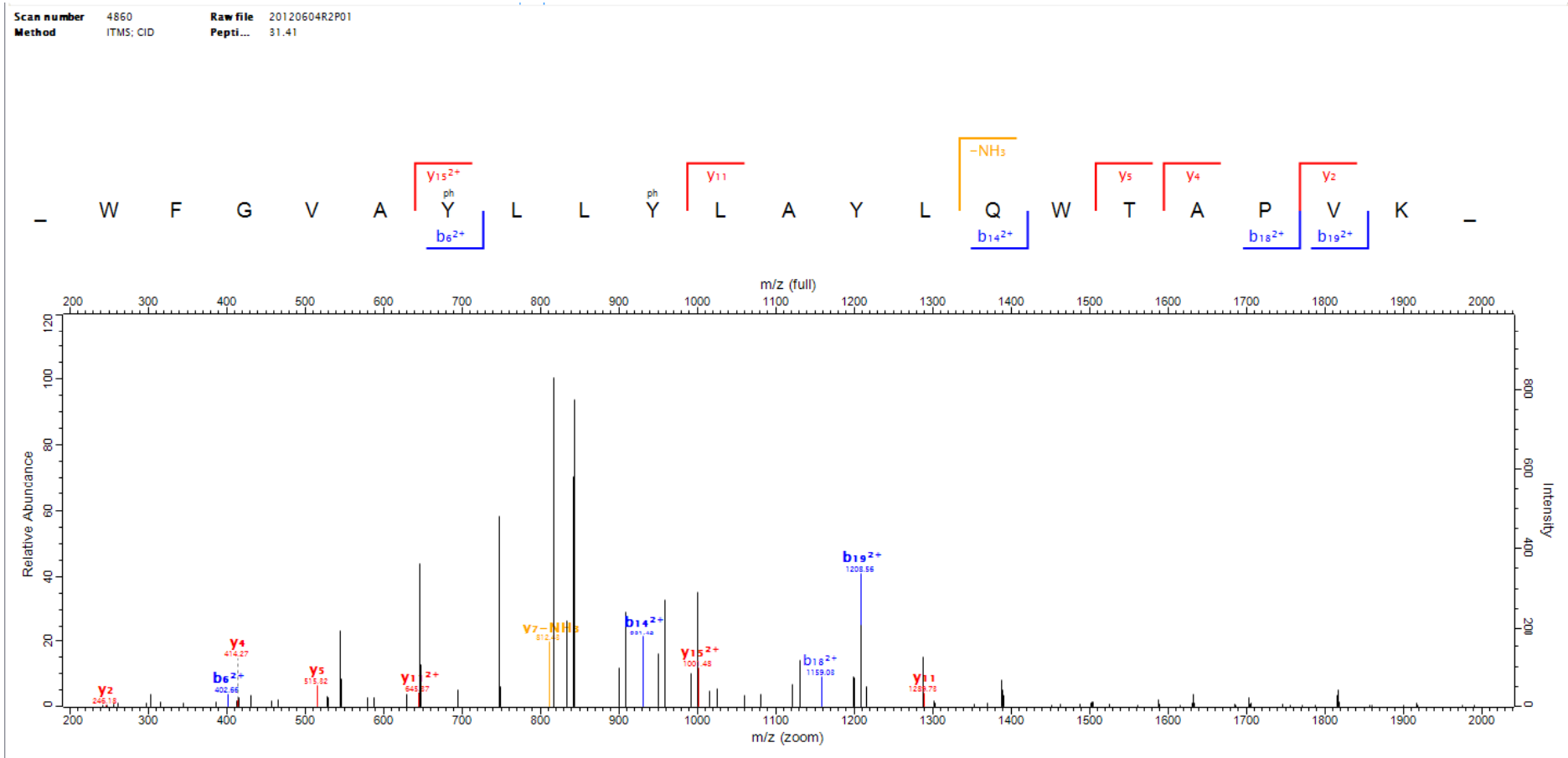


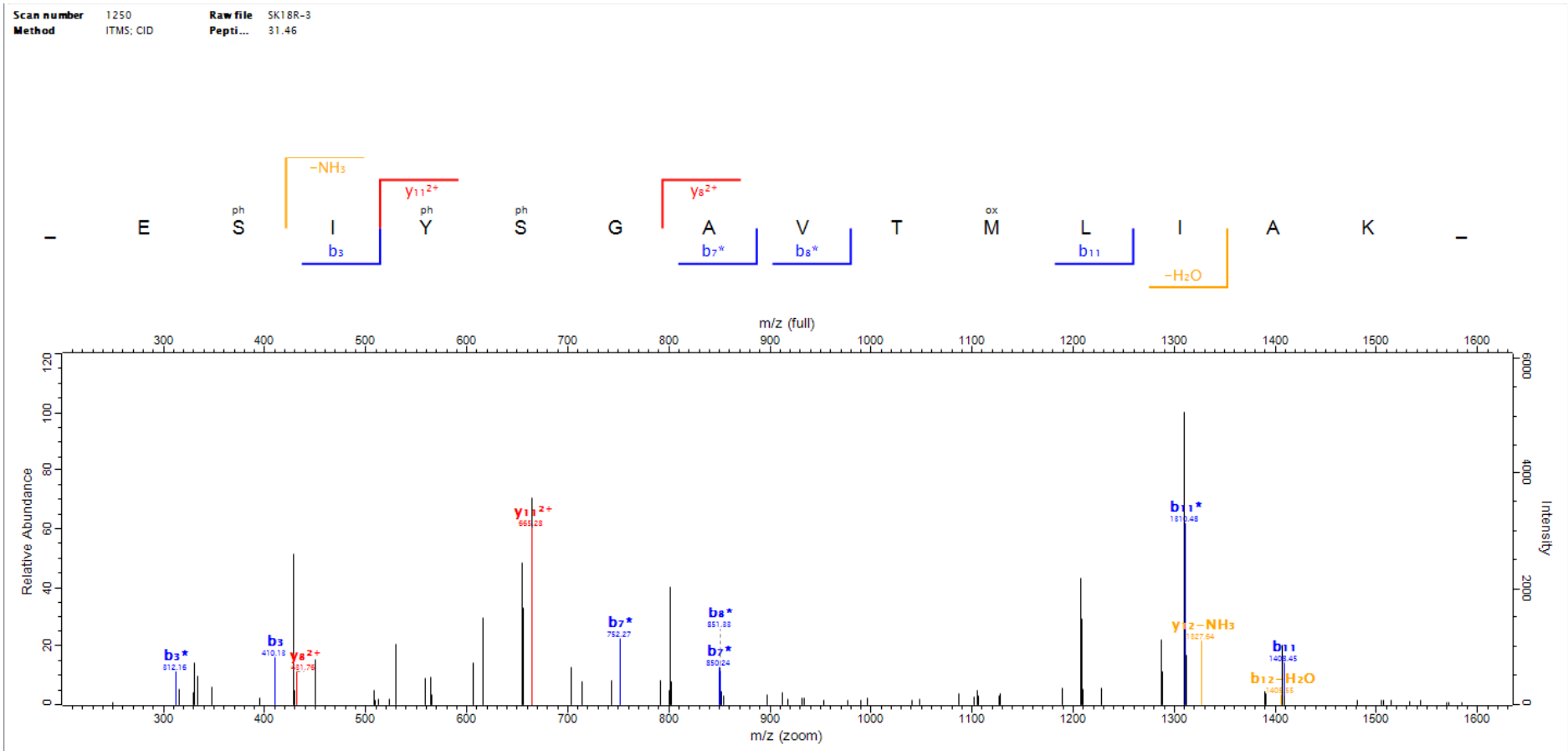


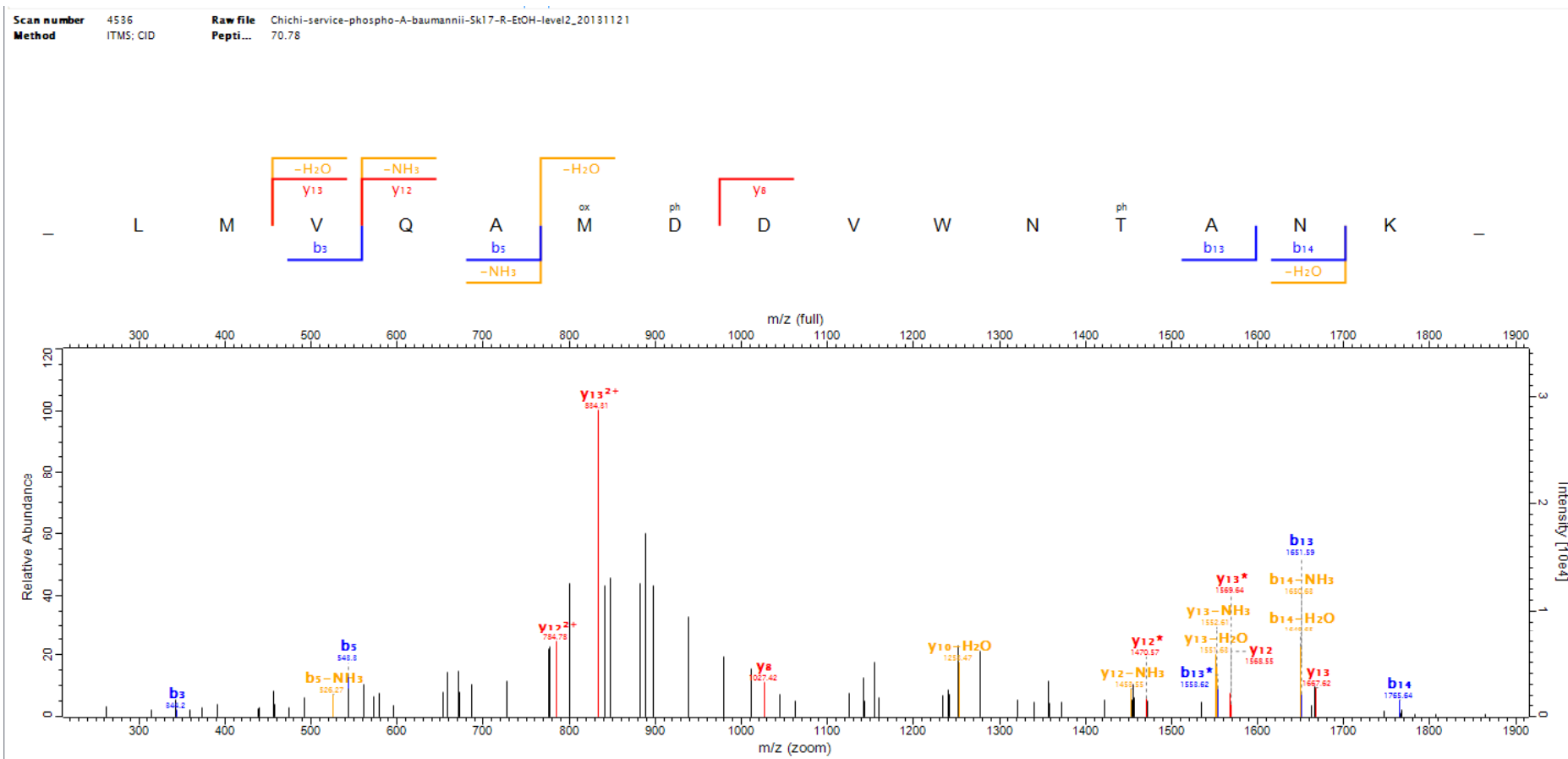


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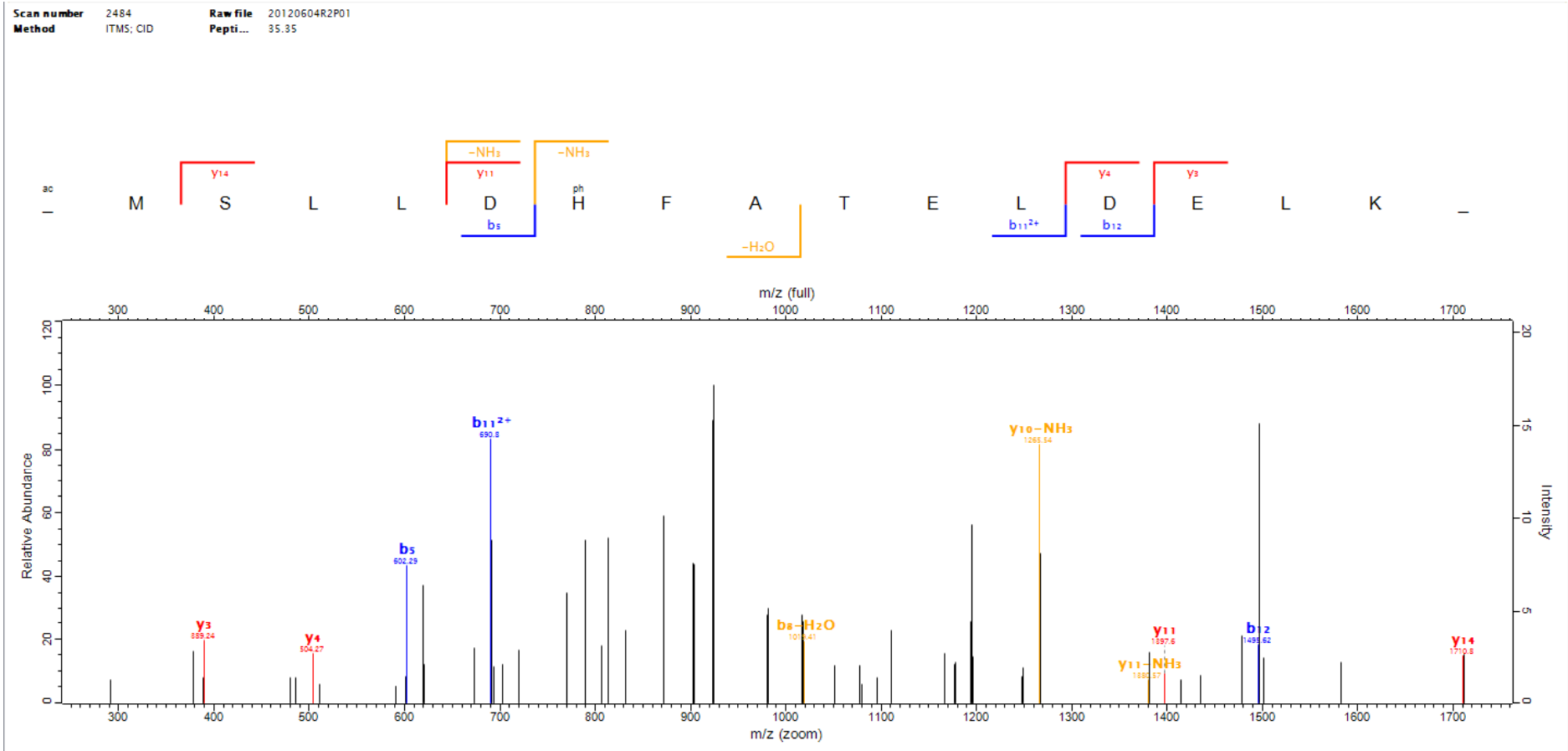


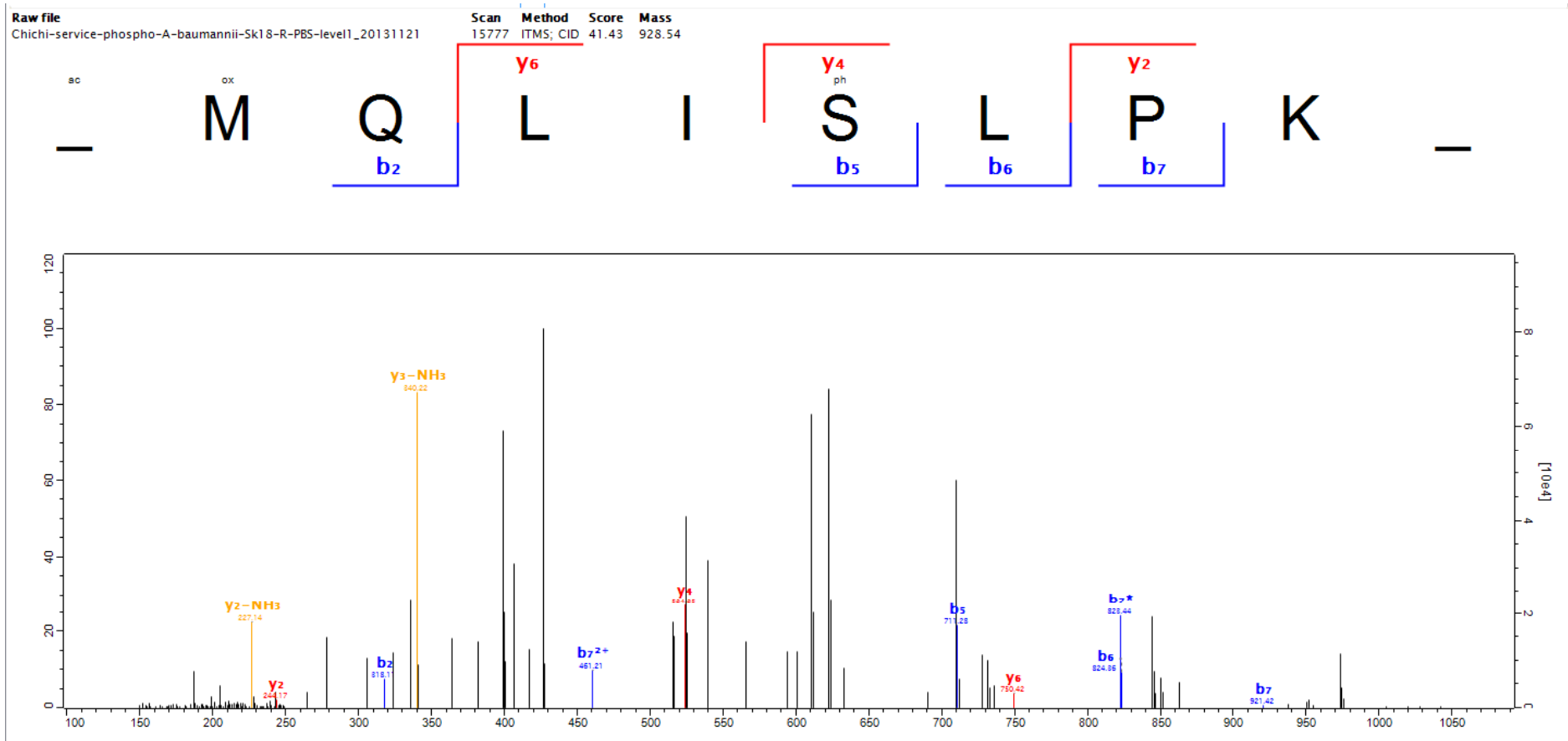


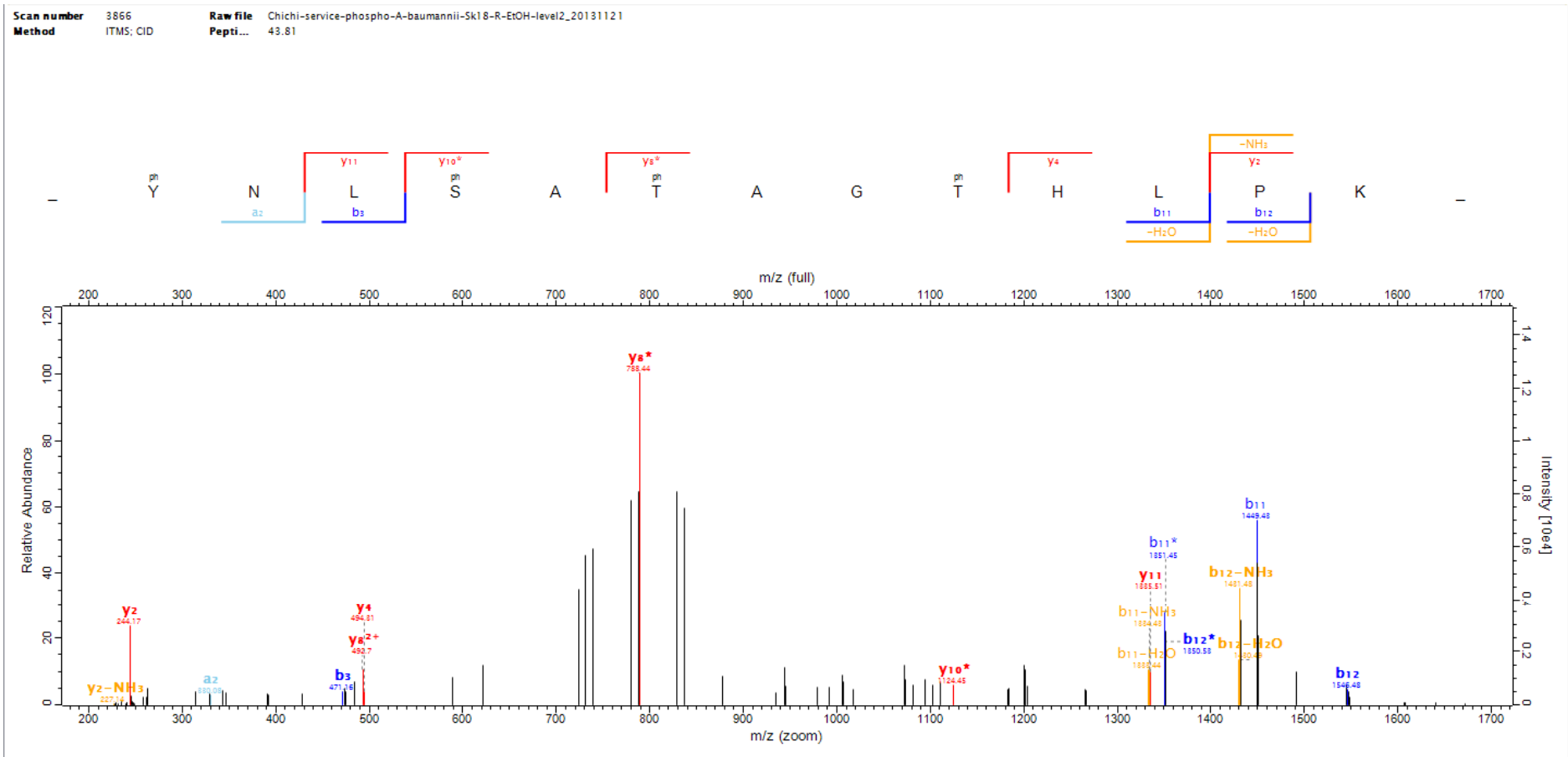




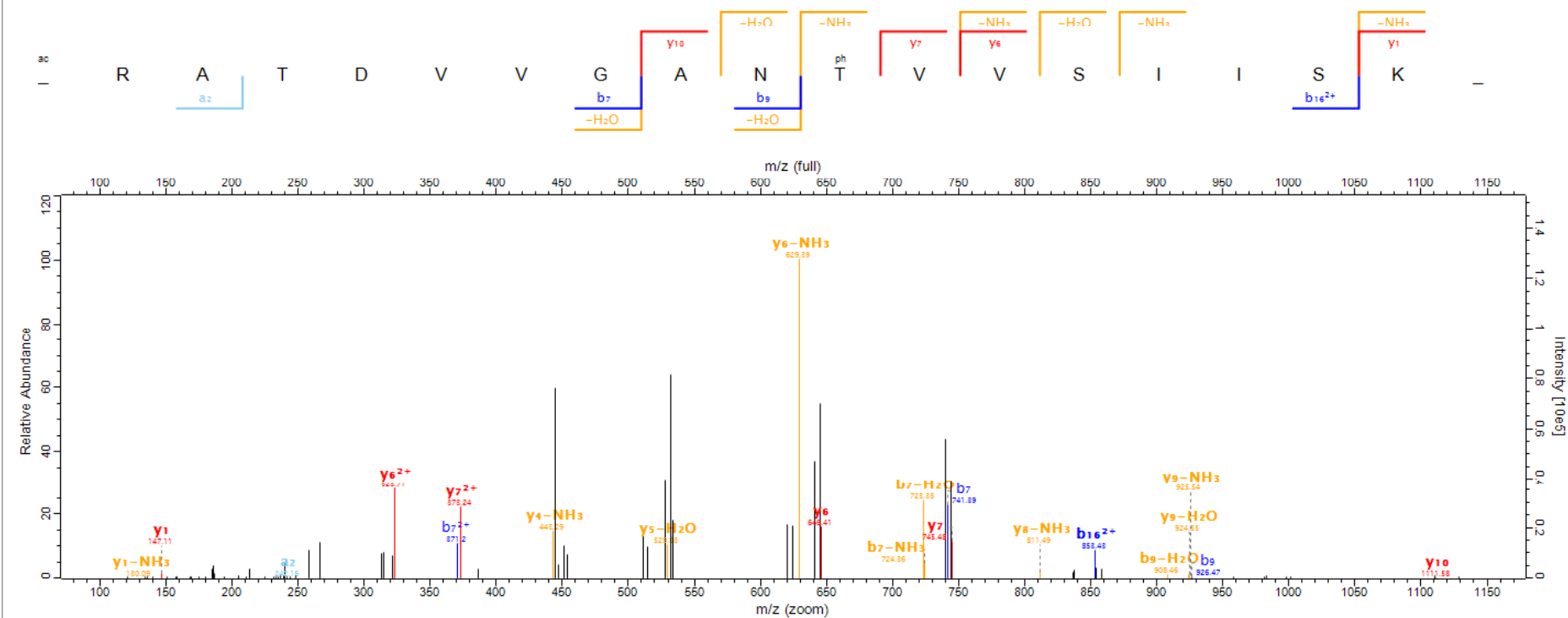
154



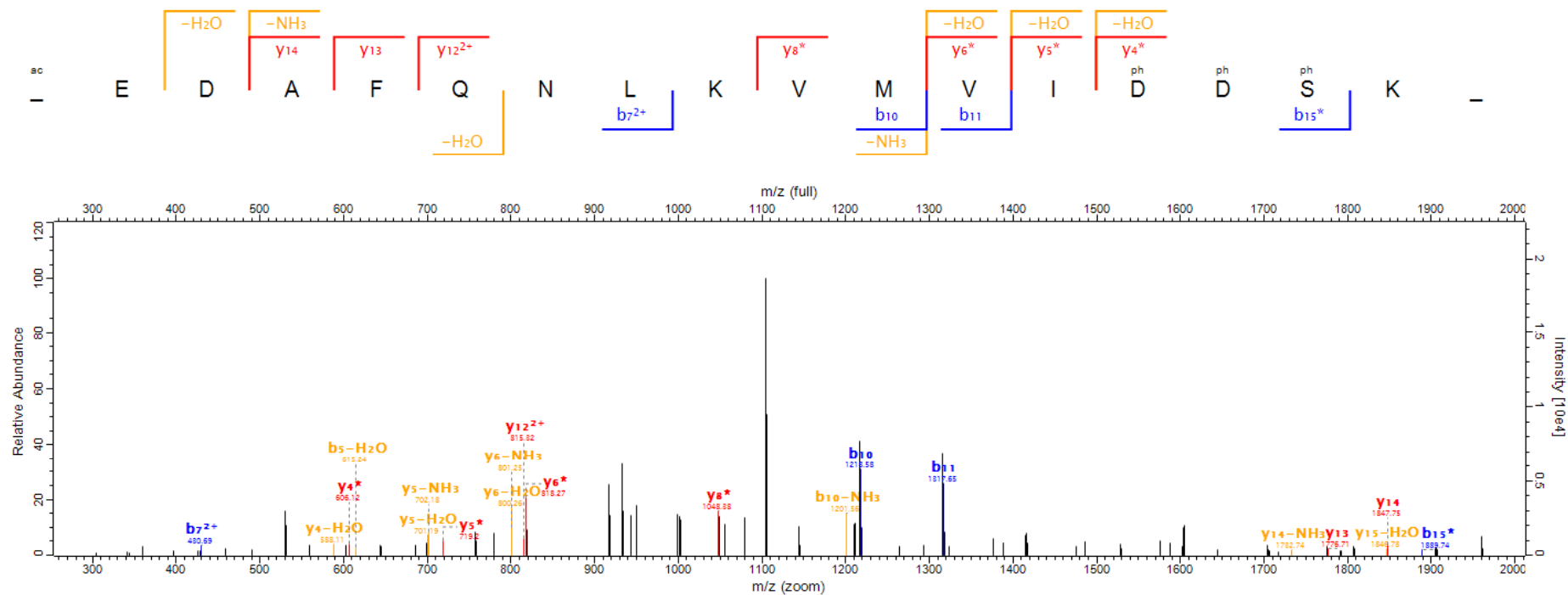




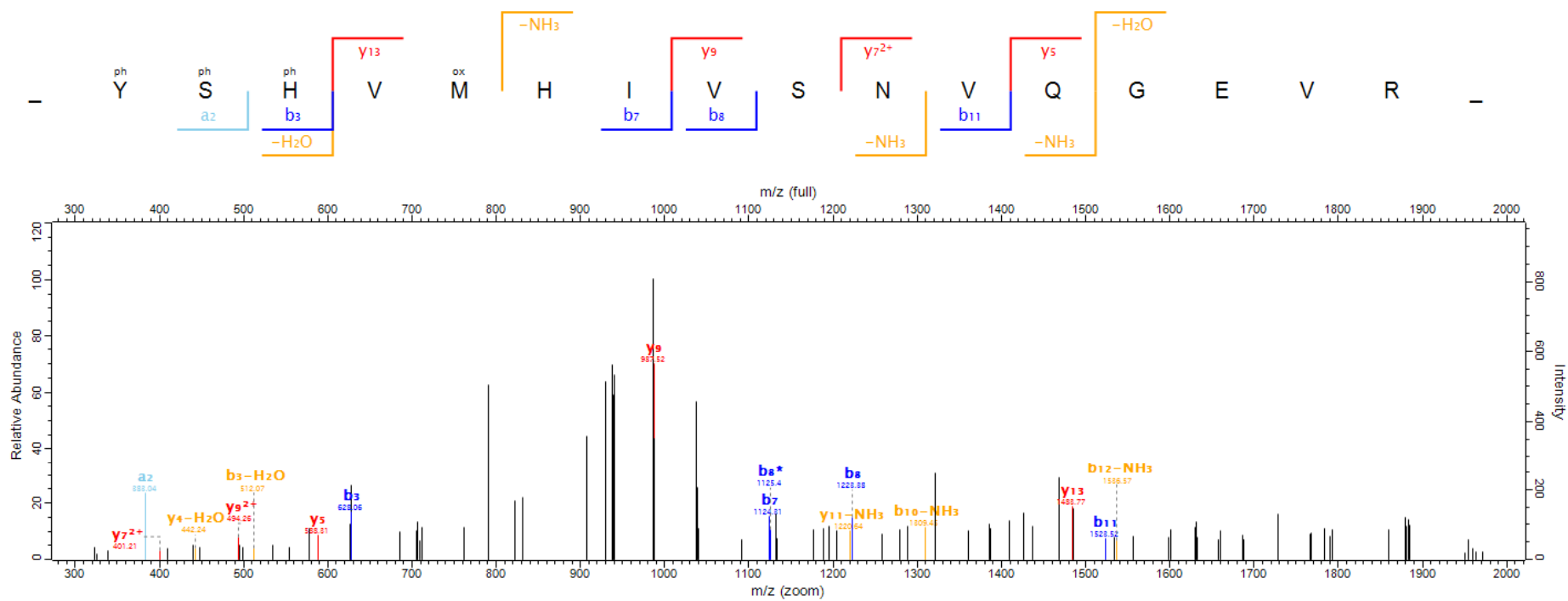
Scan number 2383 Raw file 18R-1
 Method ITMS: CID Pepti... 42.82



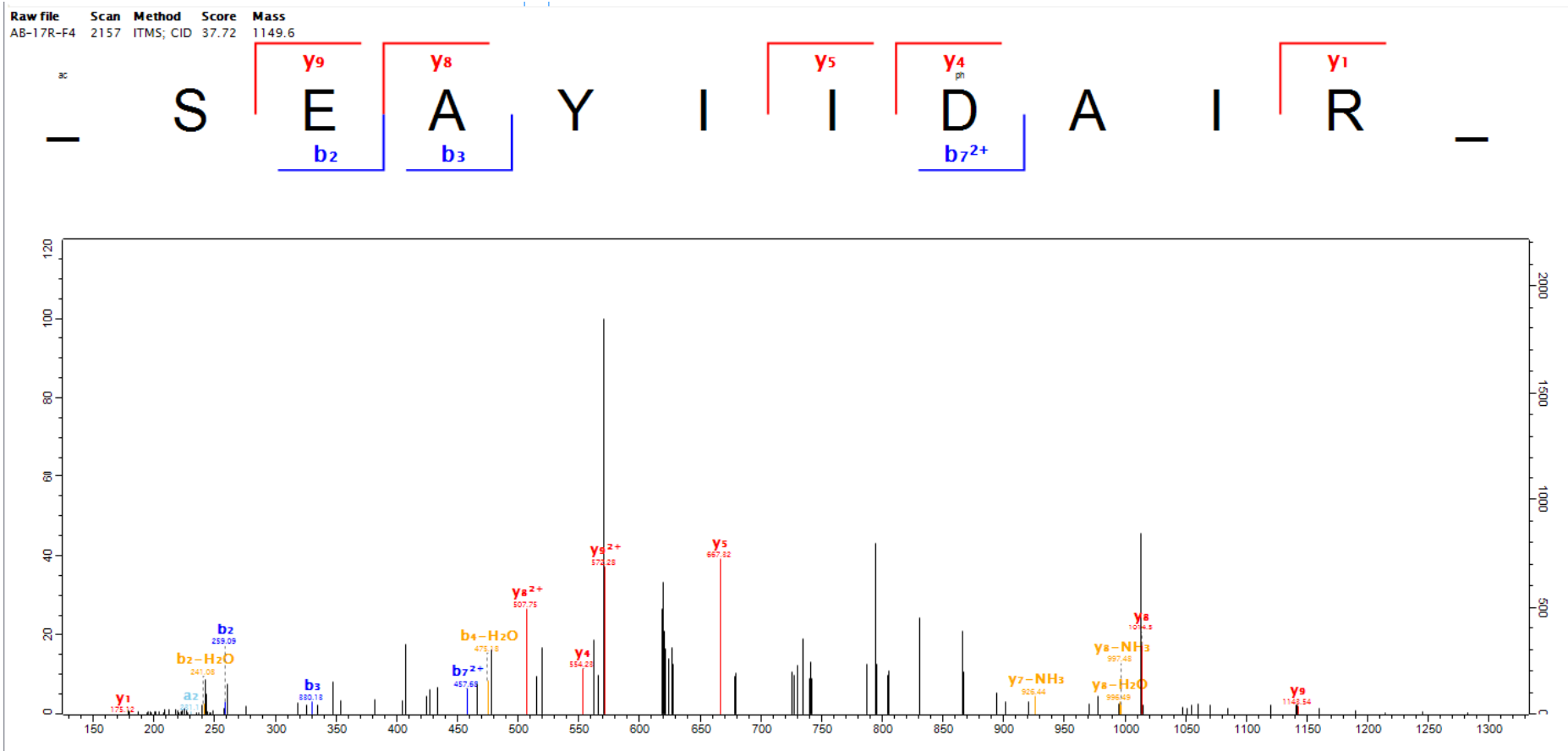
Scan number 14434 Raw file Chichi-service-phospho-A-baumannii-Sk17-R-EtOH-level1_20131121
 Method ITMS; CID Peptide 67.45

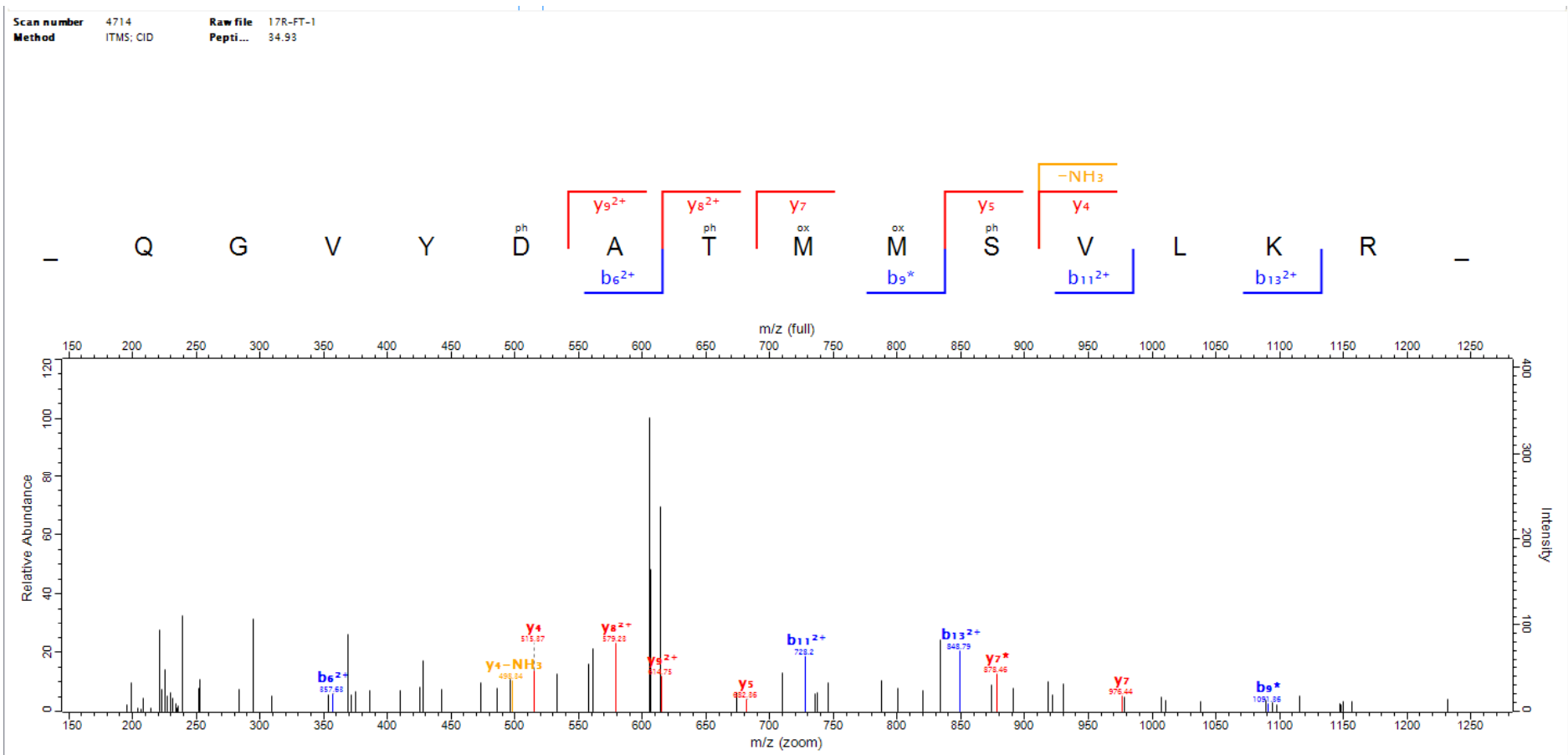


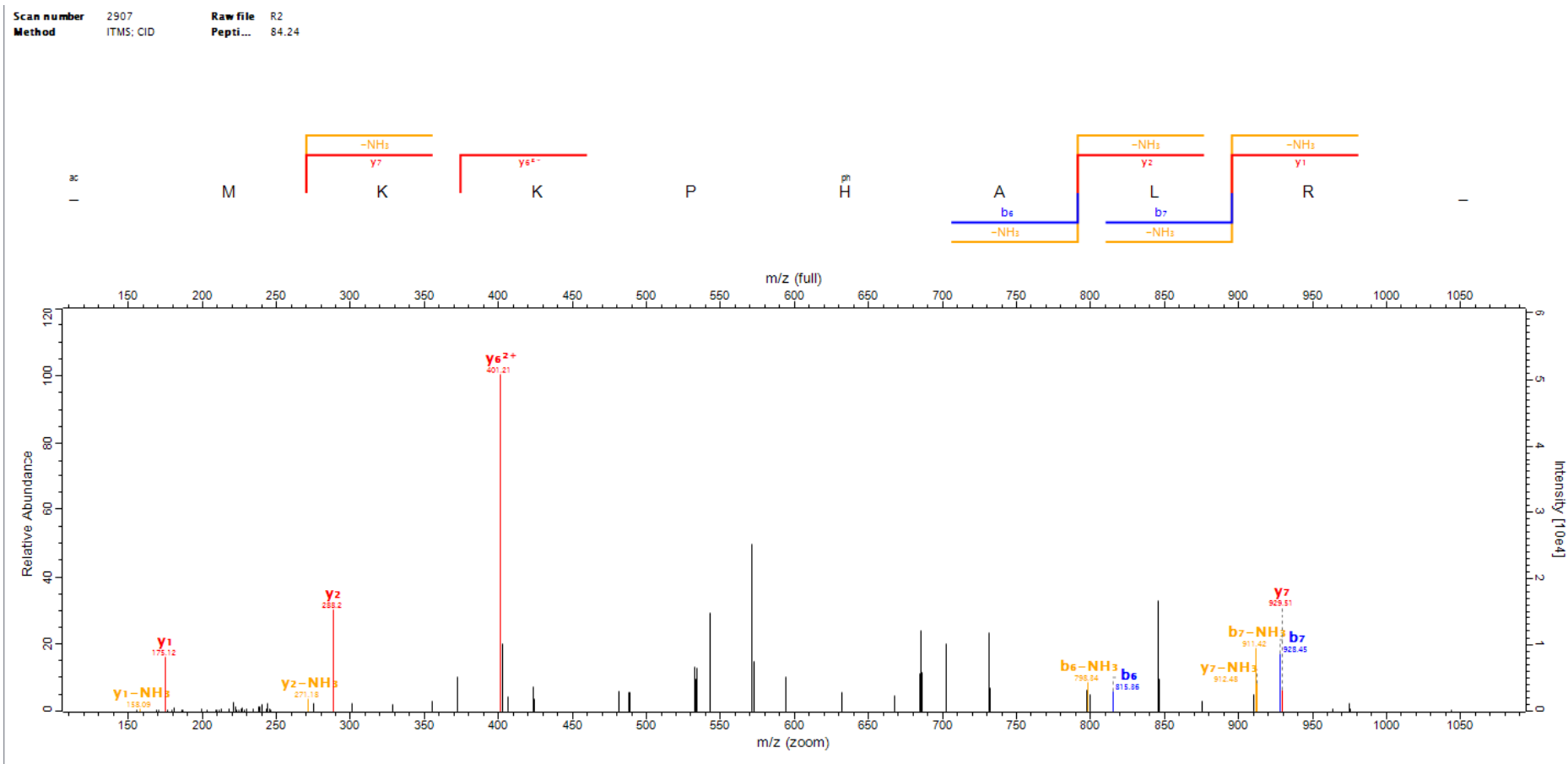
Scan number 16479 Raw file Chichi-service-phospho-A-baumannii-Sk17-R-EtOH-level2_20131121
 Method ITMS; CID Pepti... 36.19

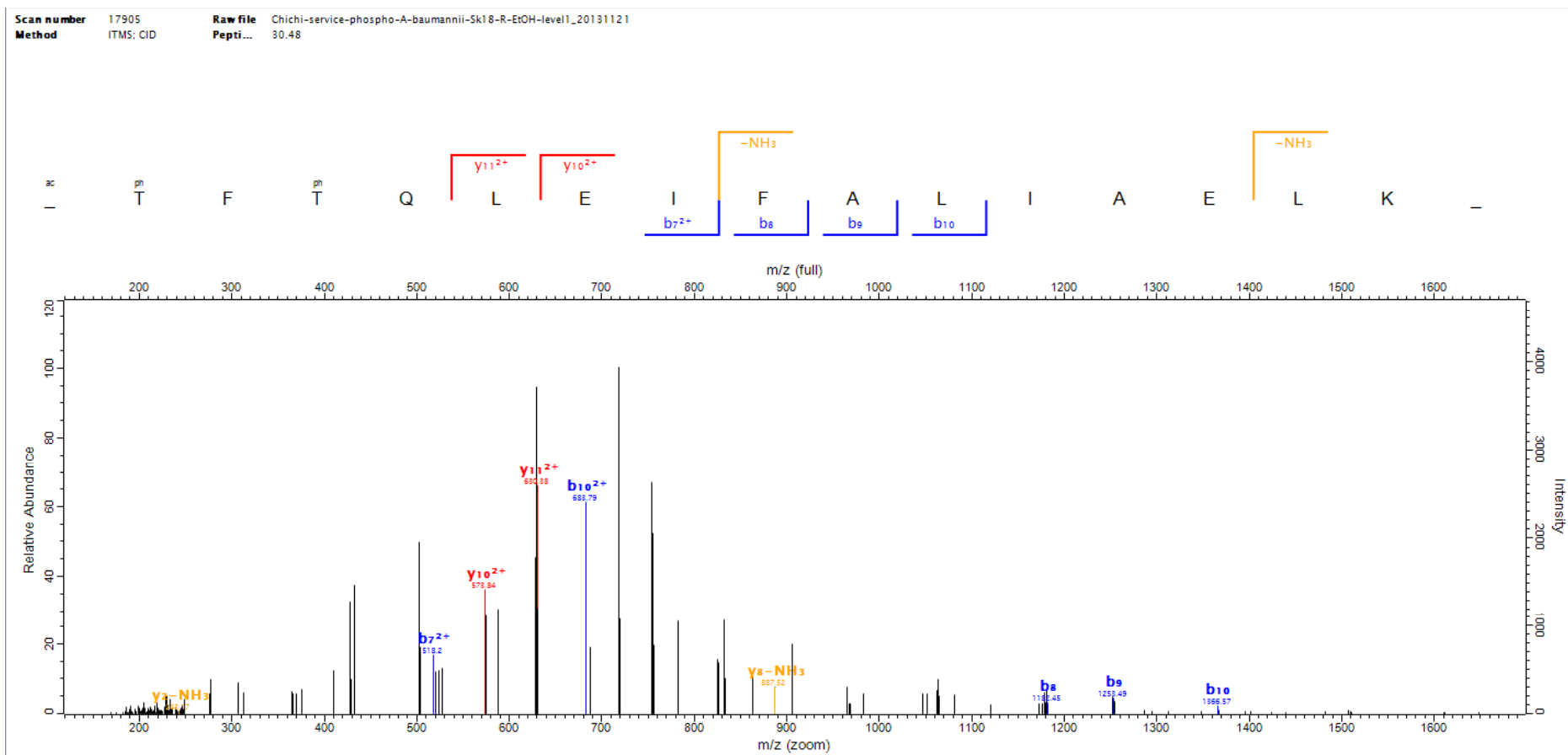


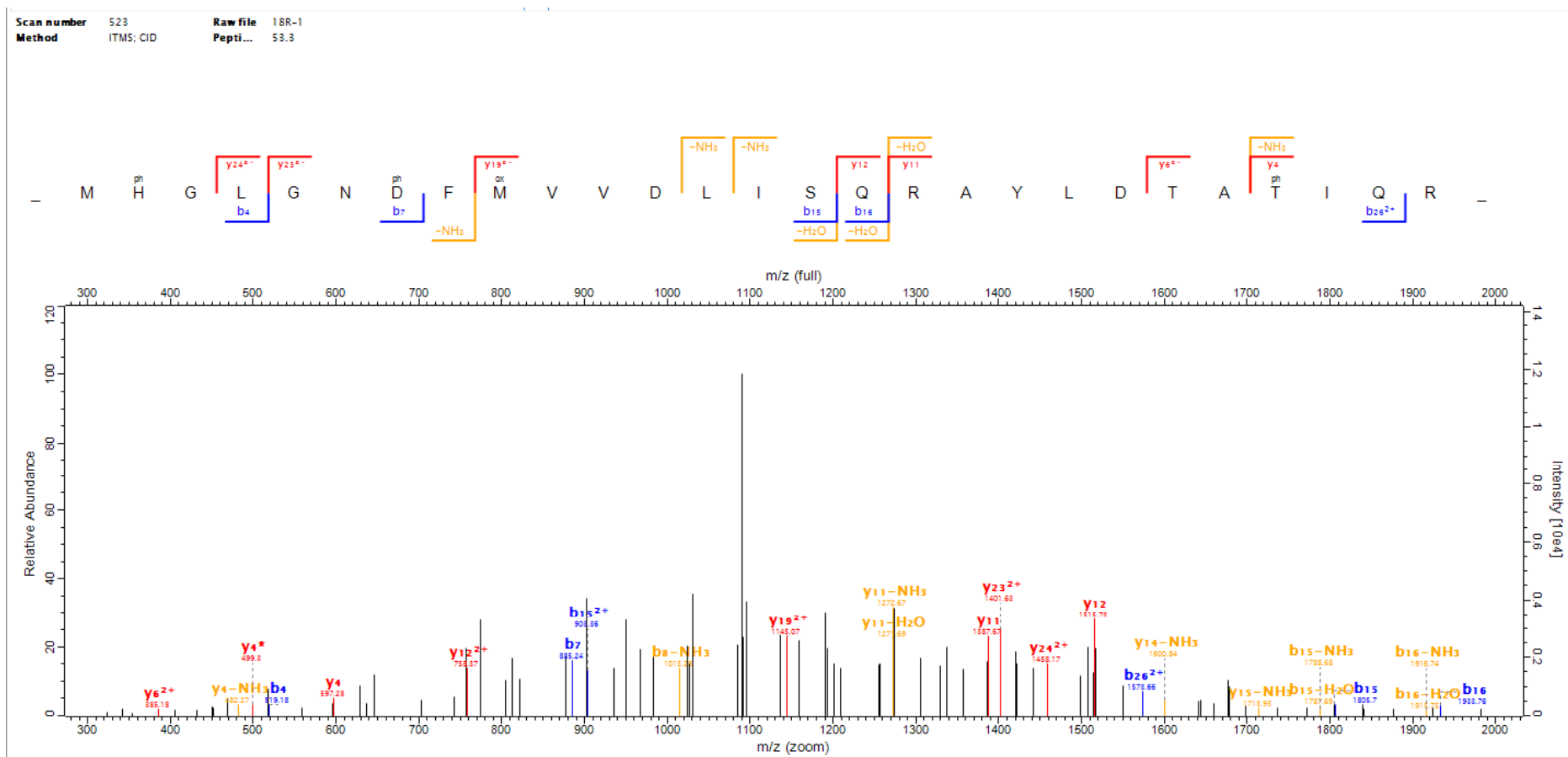
160



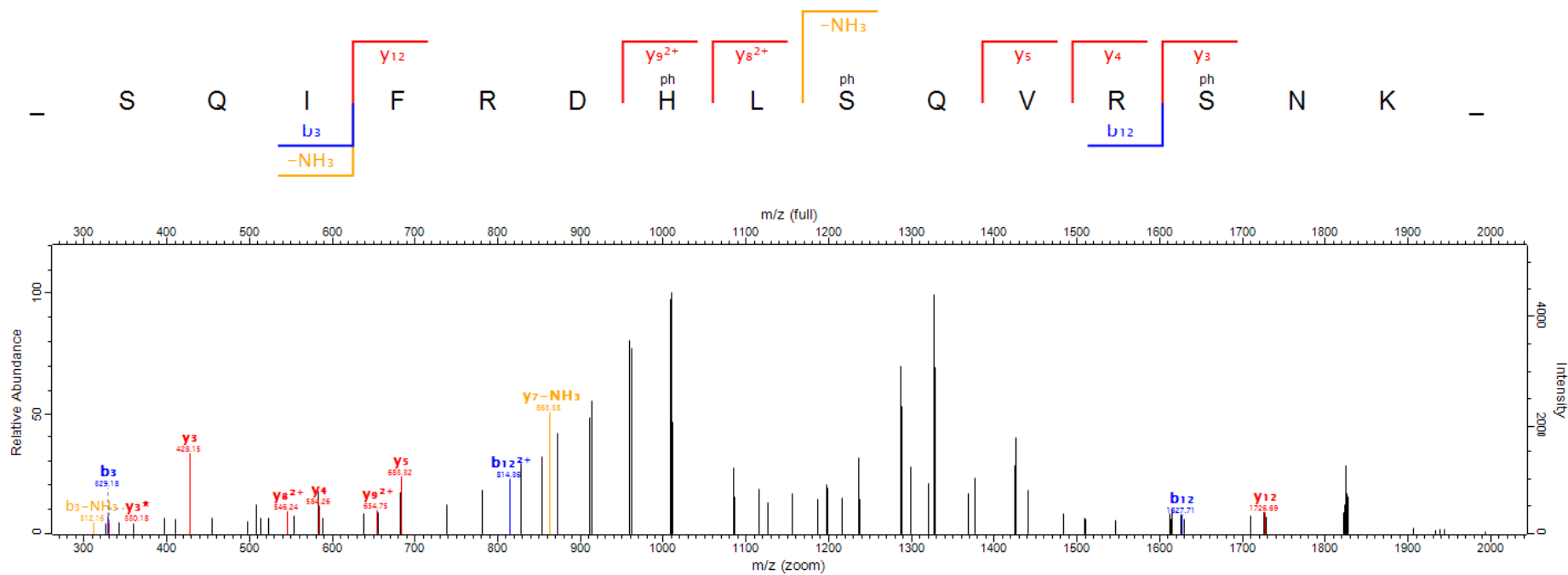


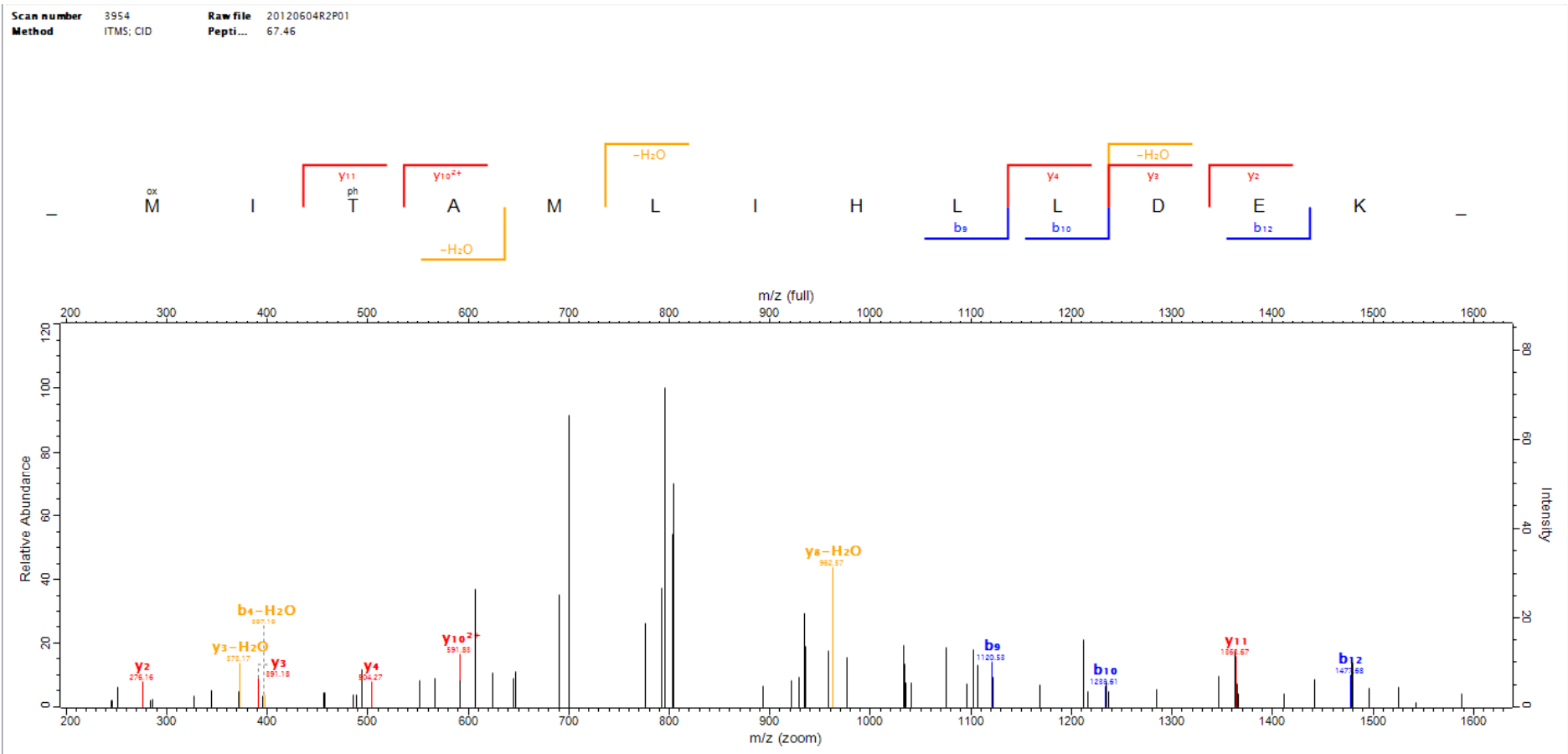




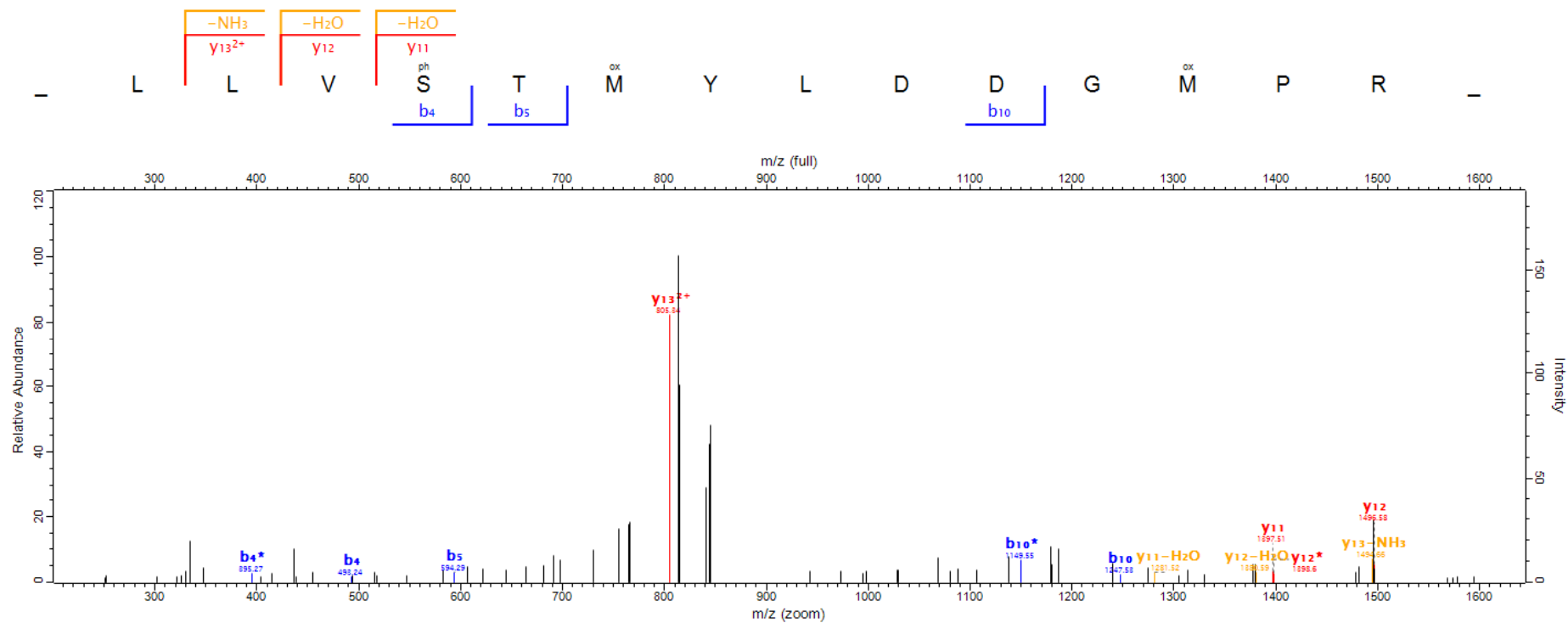


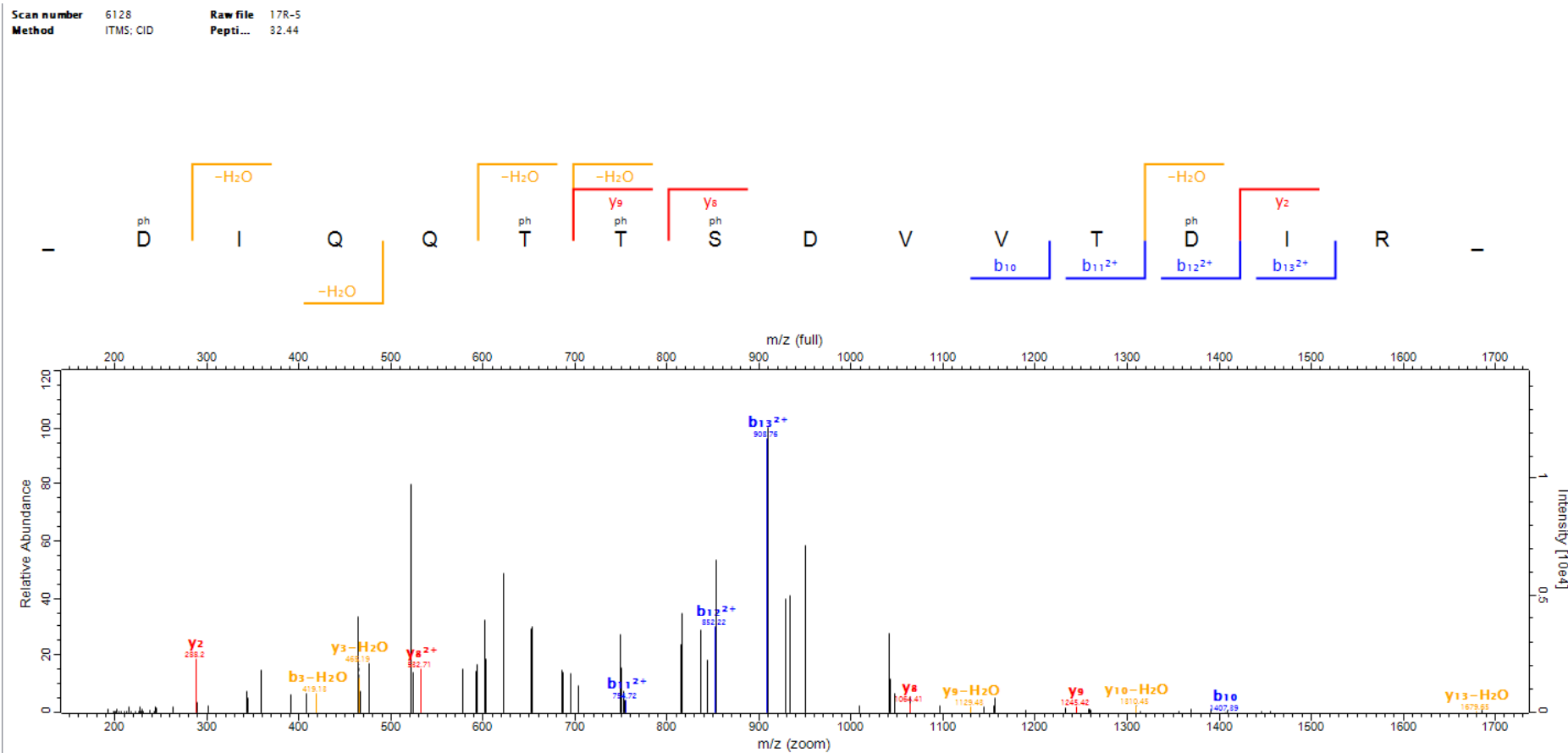
Scan number 18891 Raw file Chichi-service-phospho-A-baumannii-Sk17-R-EtOH-level1_20131121
Method ITMS; CID Pepti... 64.1



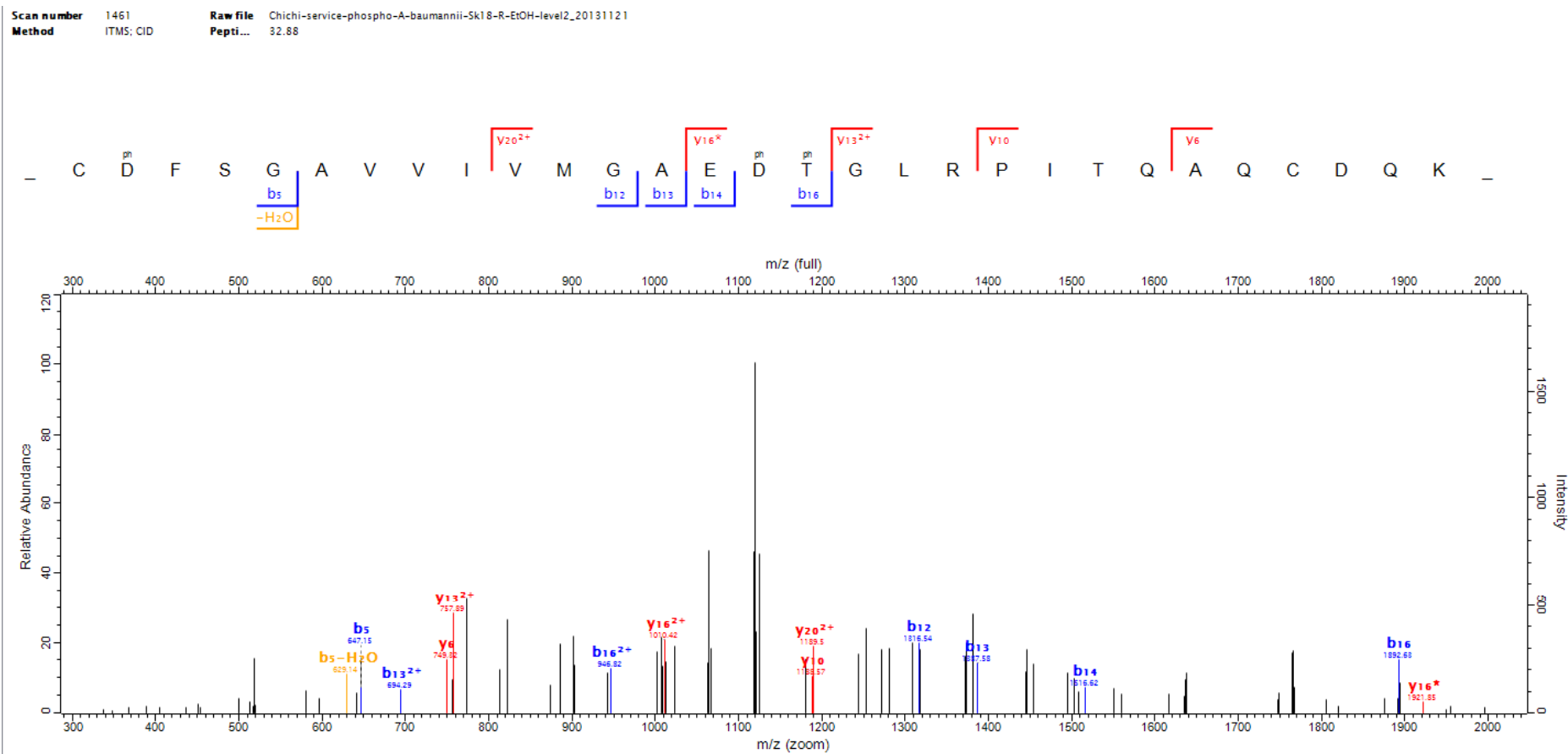


Scan number 7618 Raw file 20120521R301
 Method ITMS; CID Pepti... 32.92

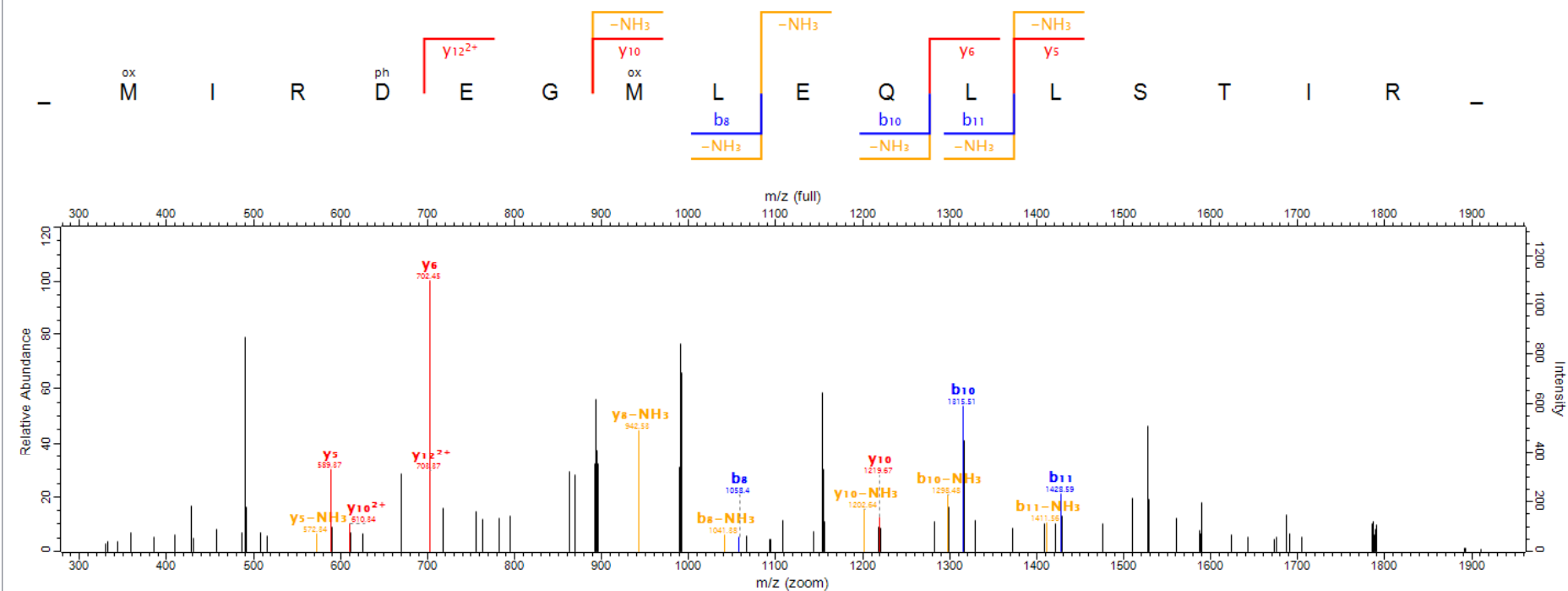




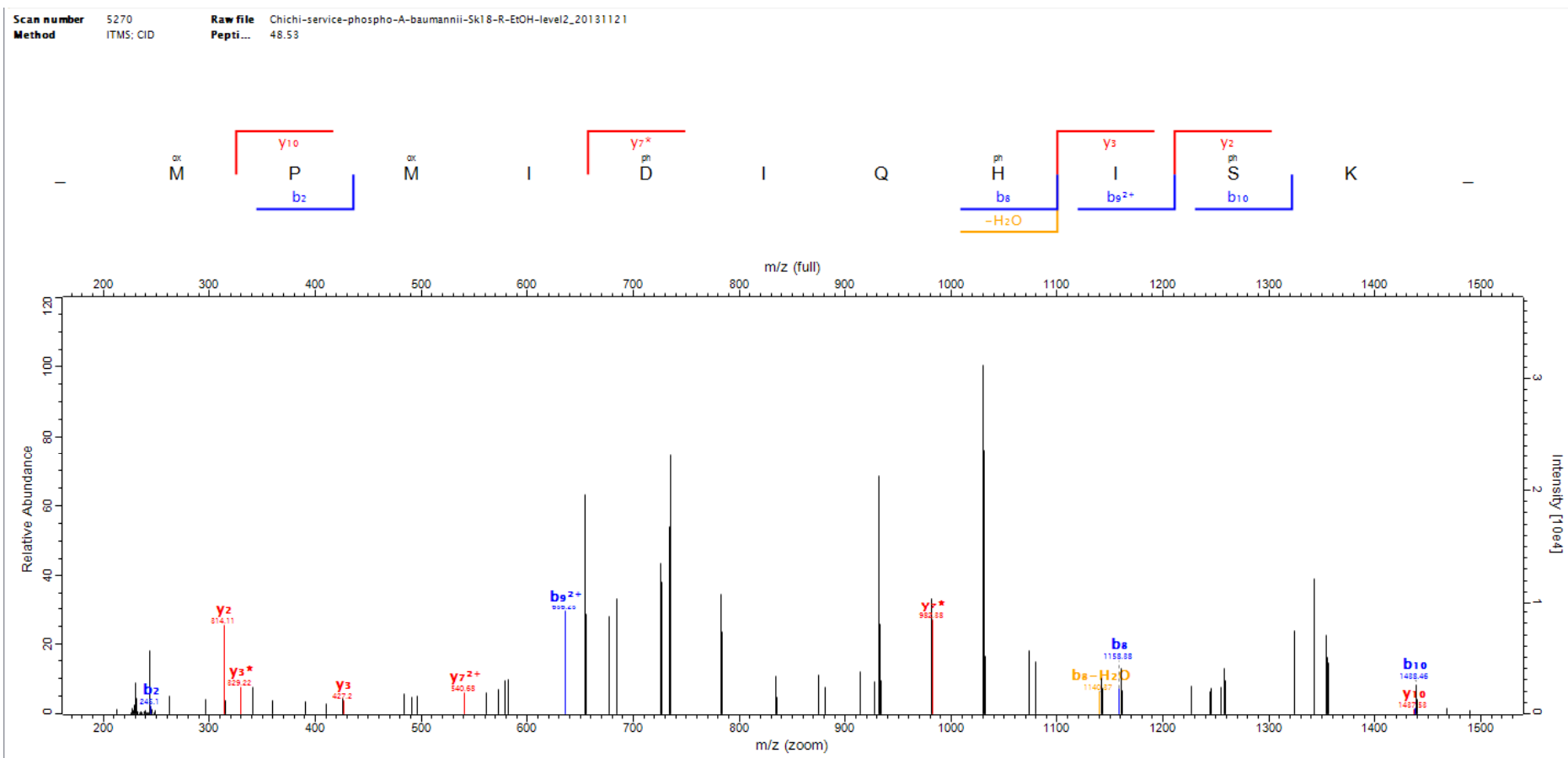
170



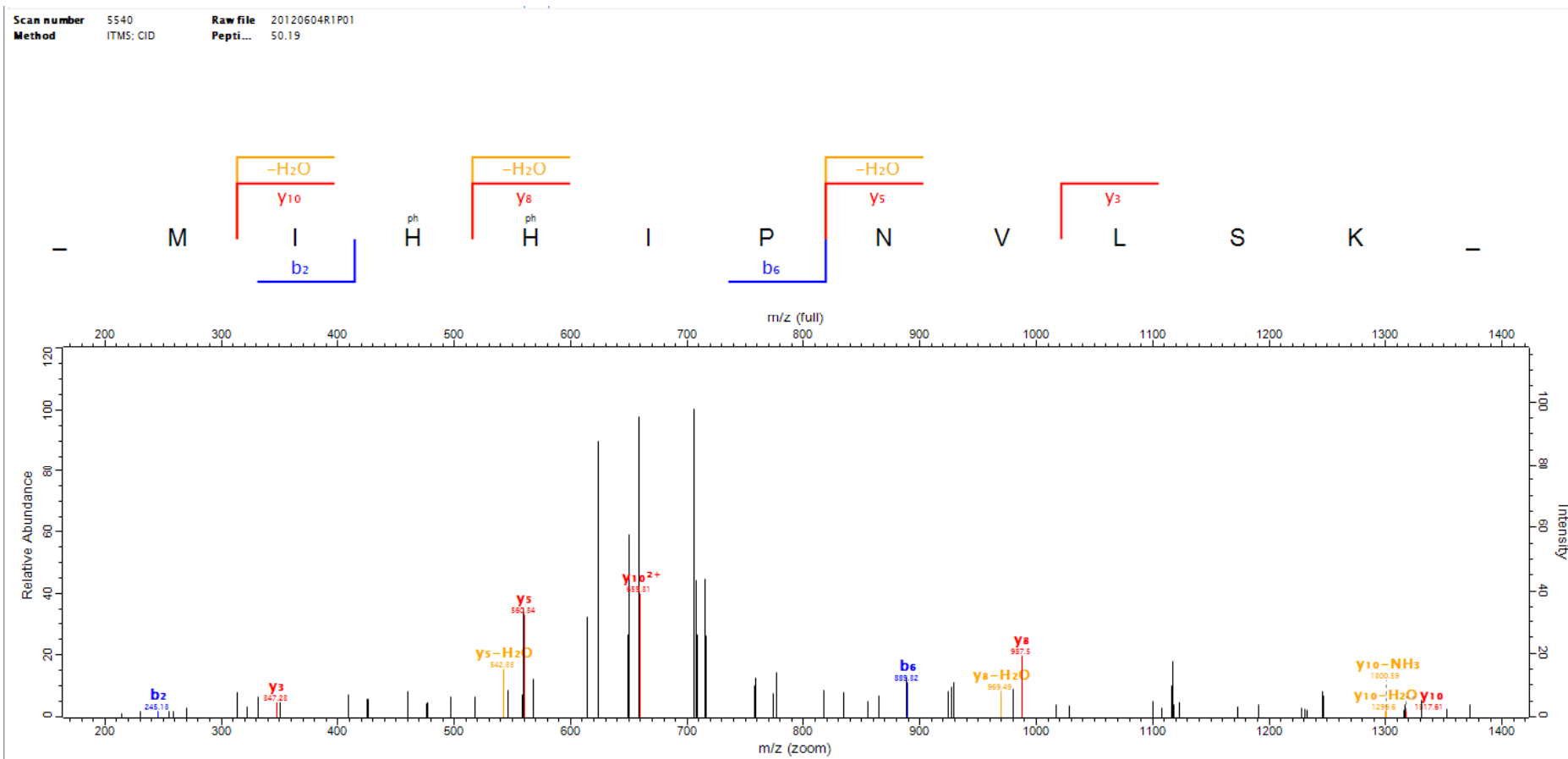
Scan number 8358 Raw file Chichi-service-phospho-A-baumannii-Sk17-R-PBS-level2_20131121
 Method ITMS; CID Peptide 65.47



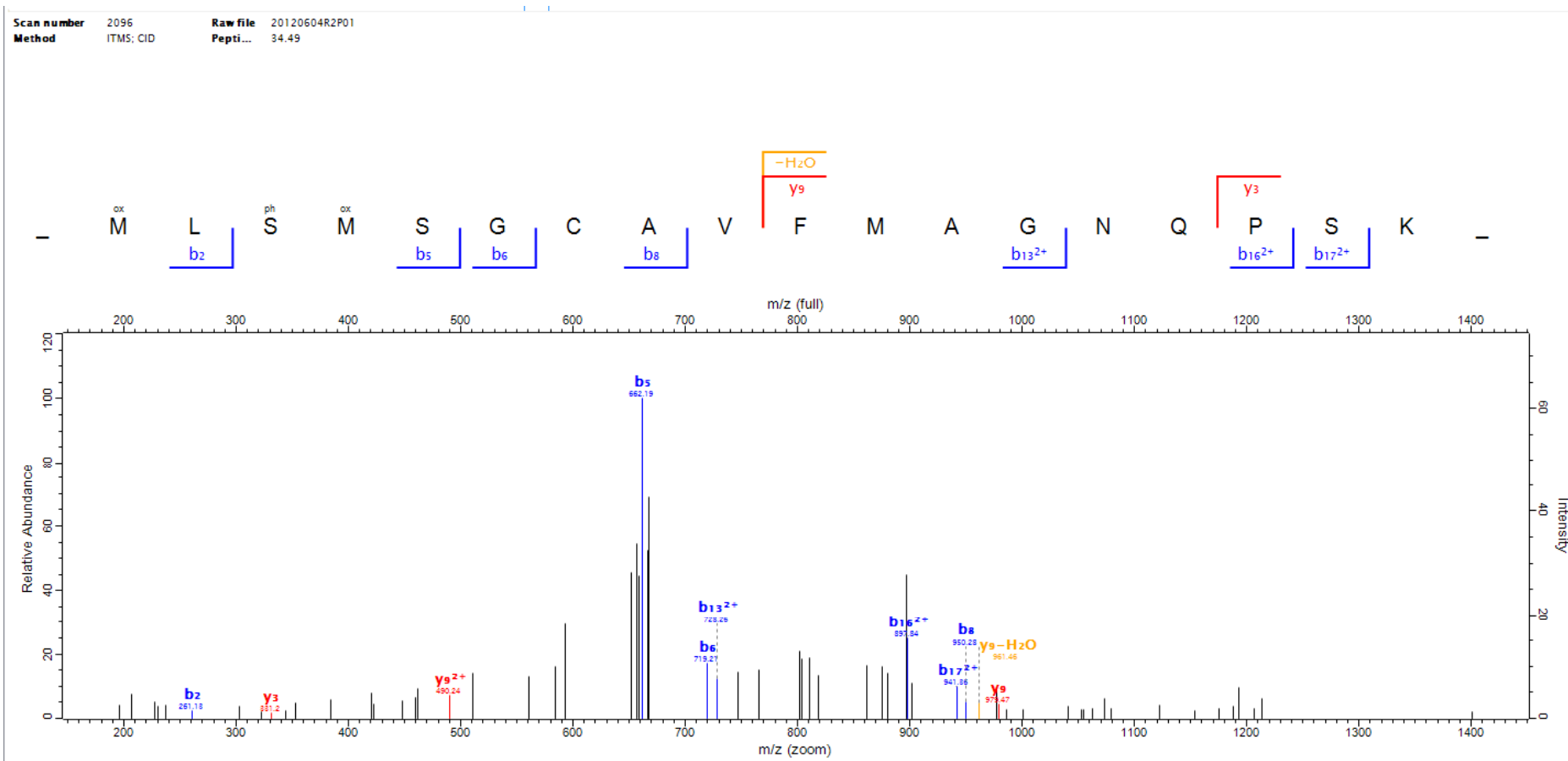
172



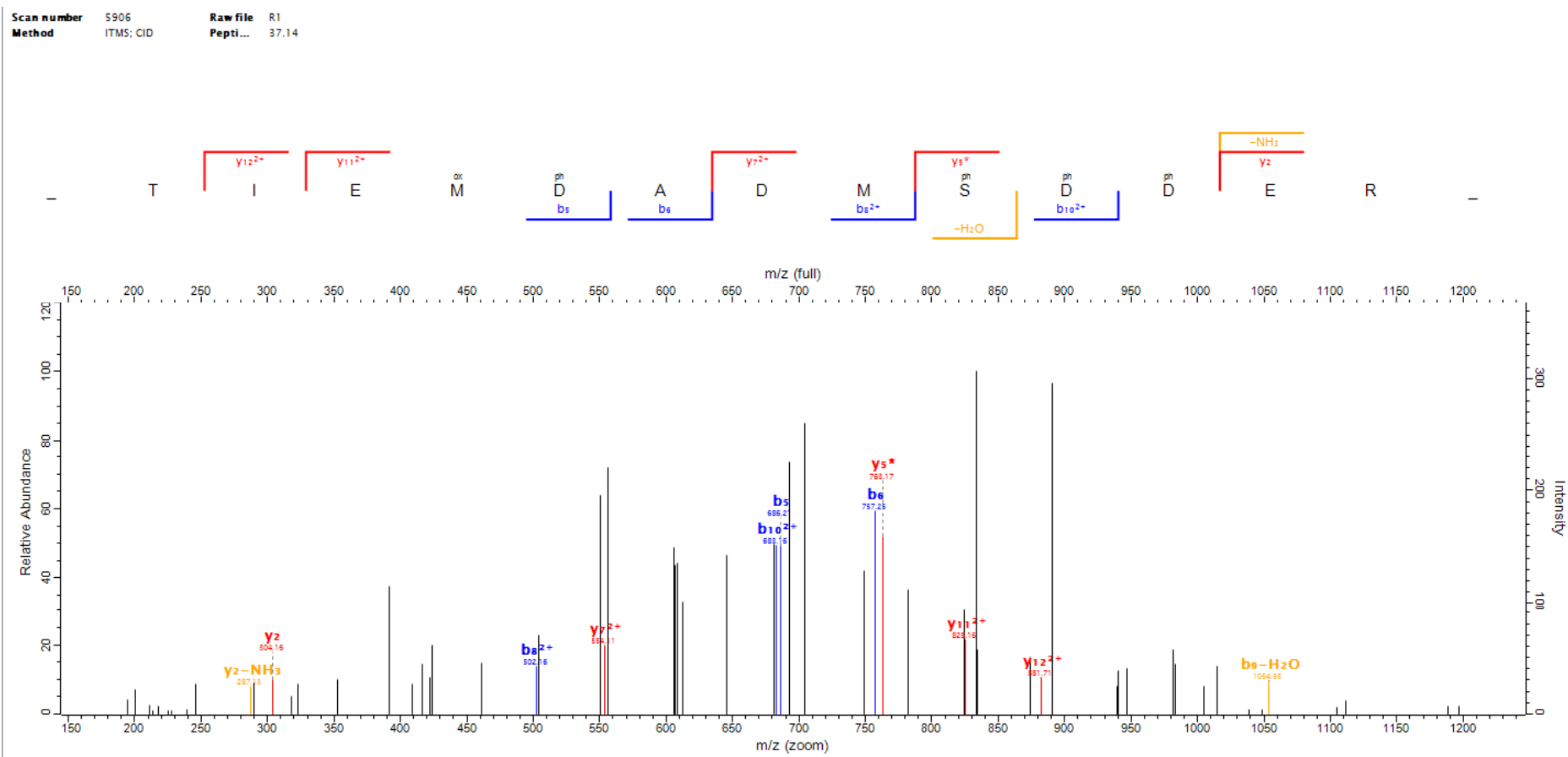
173



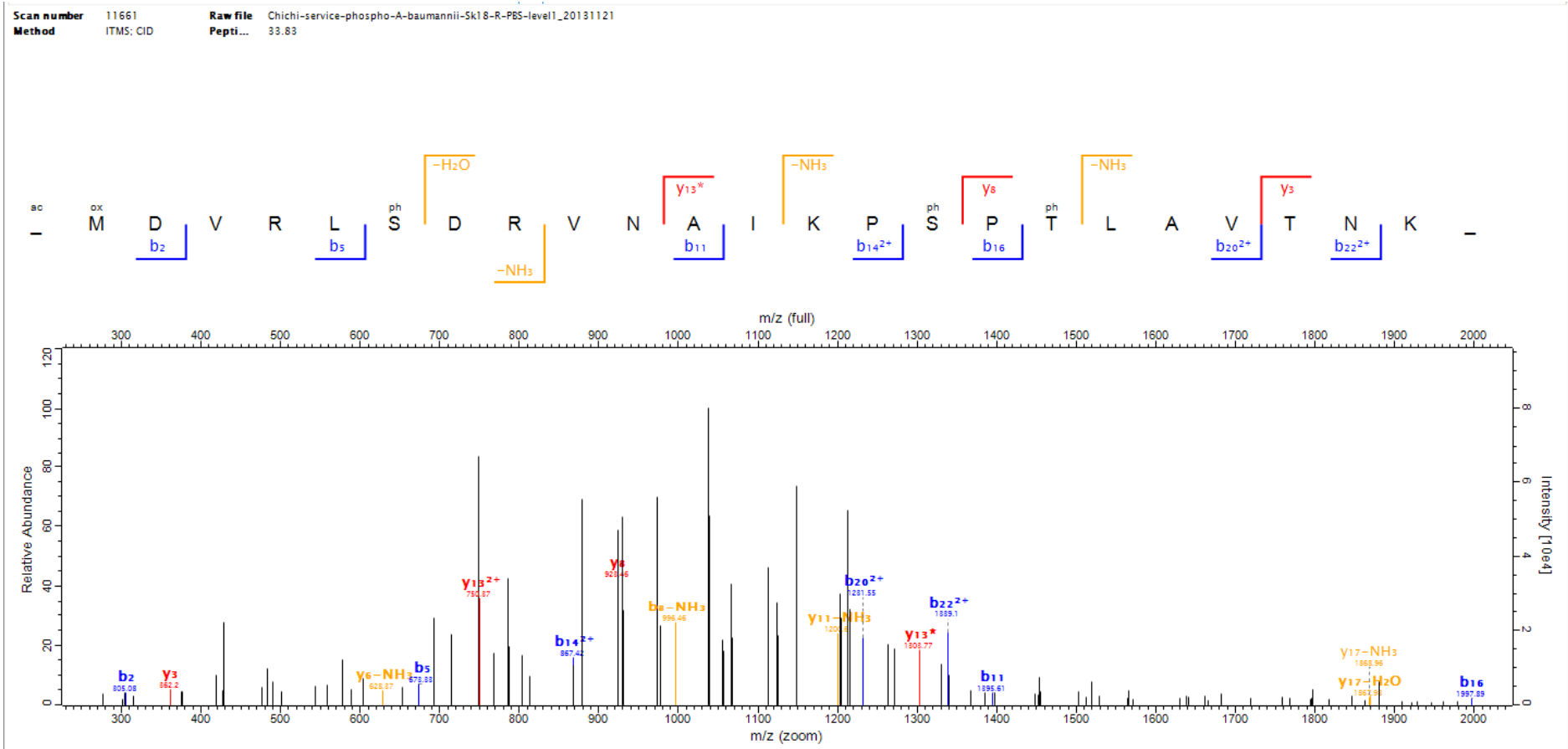
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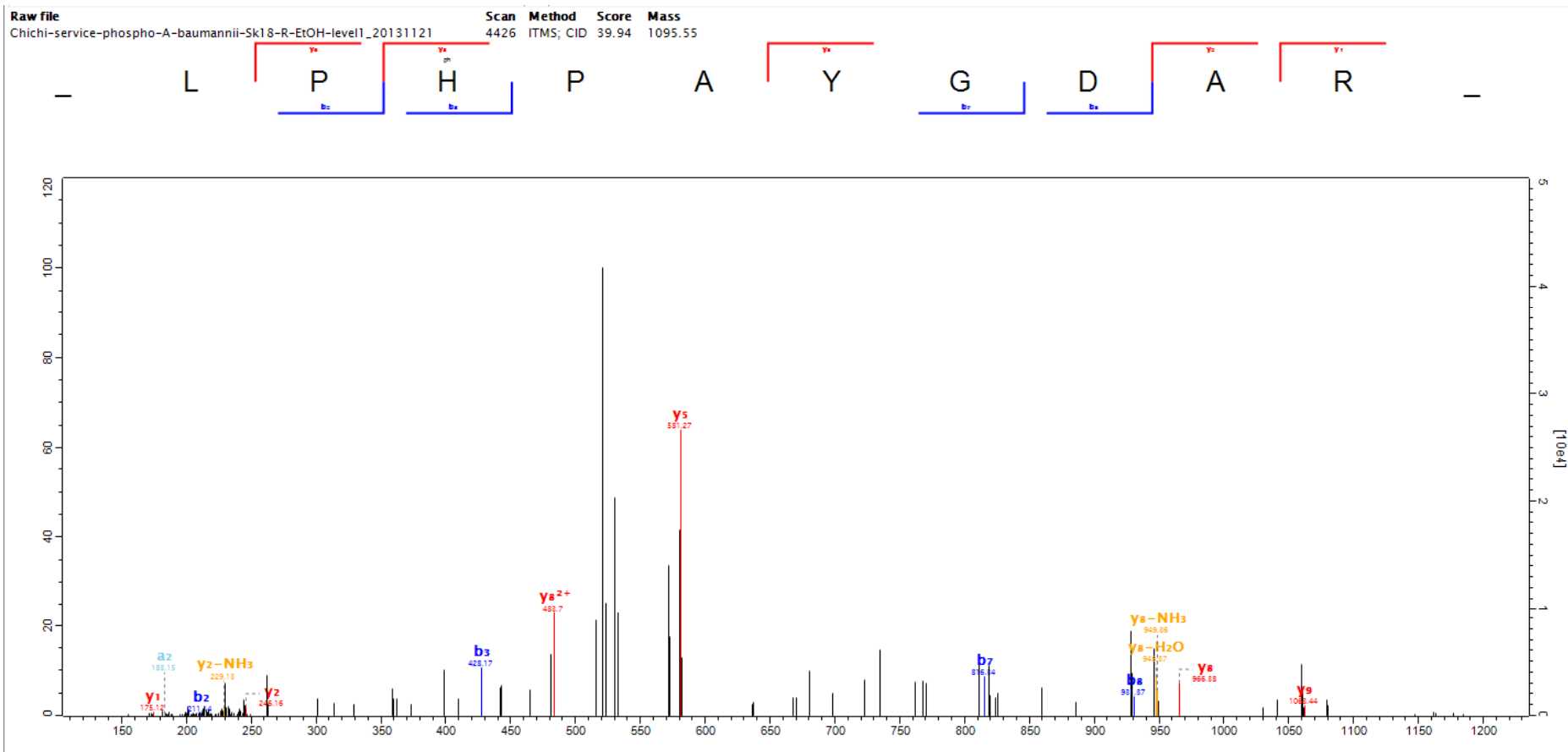
175

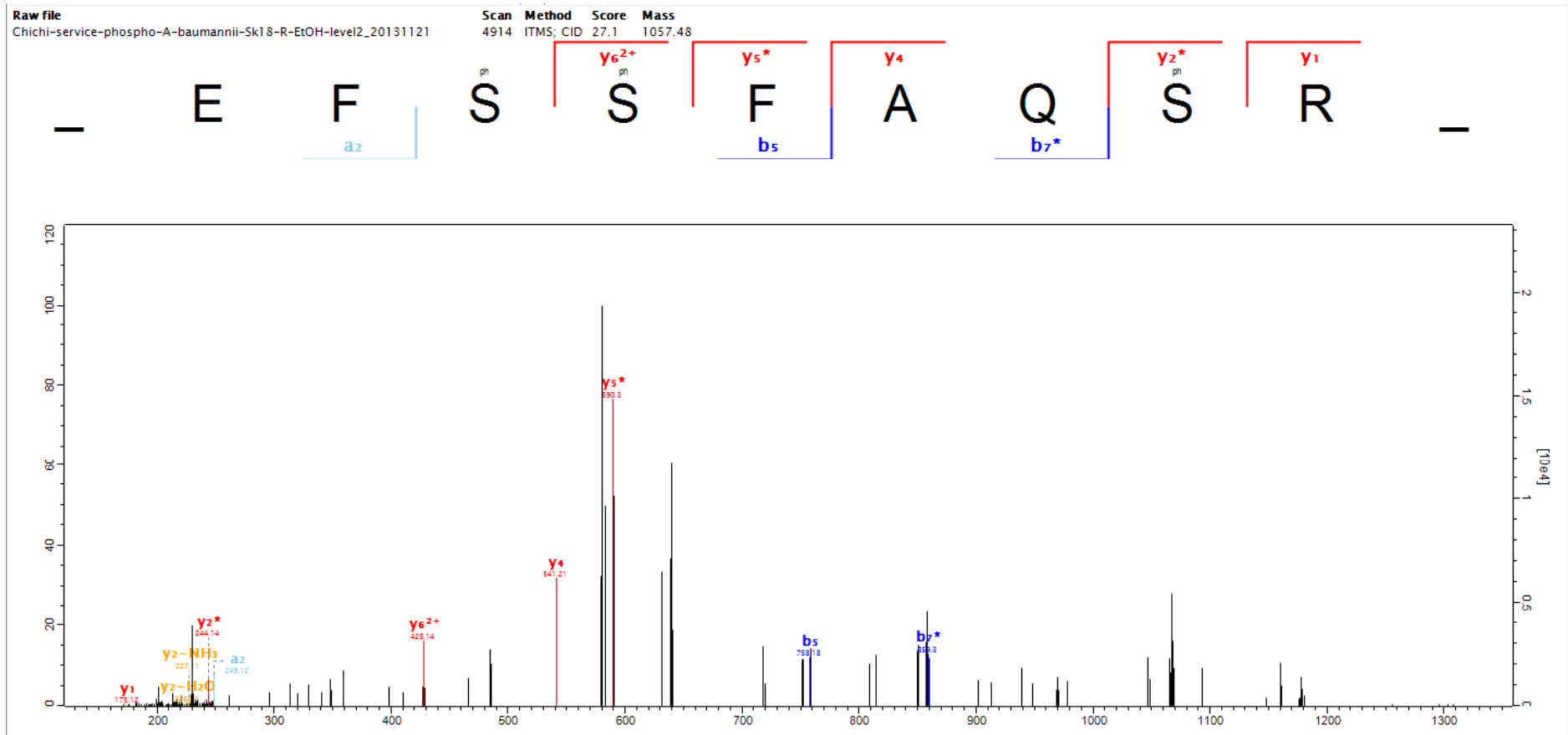


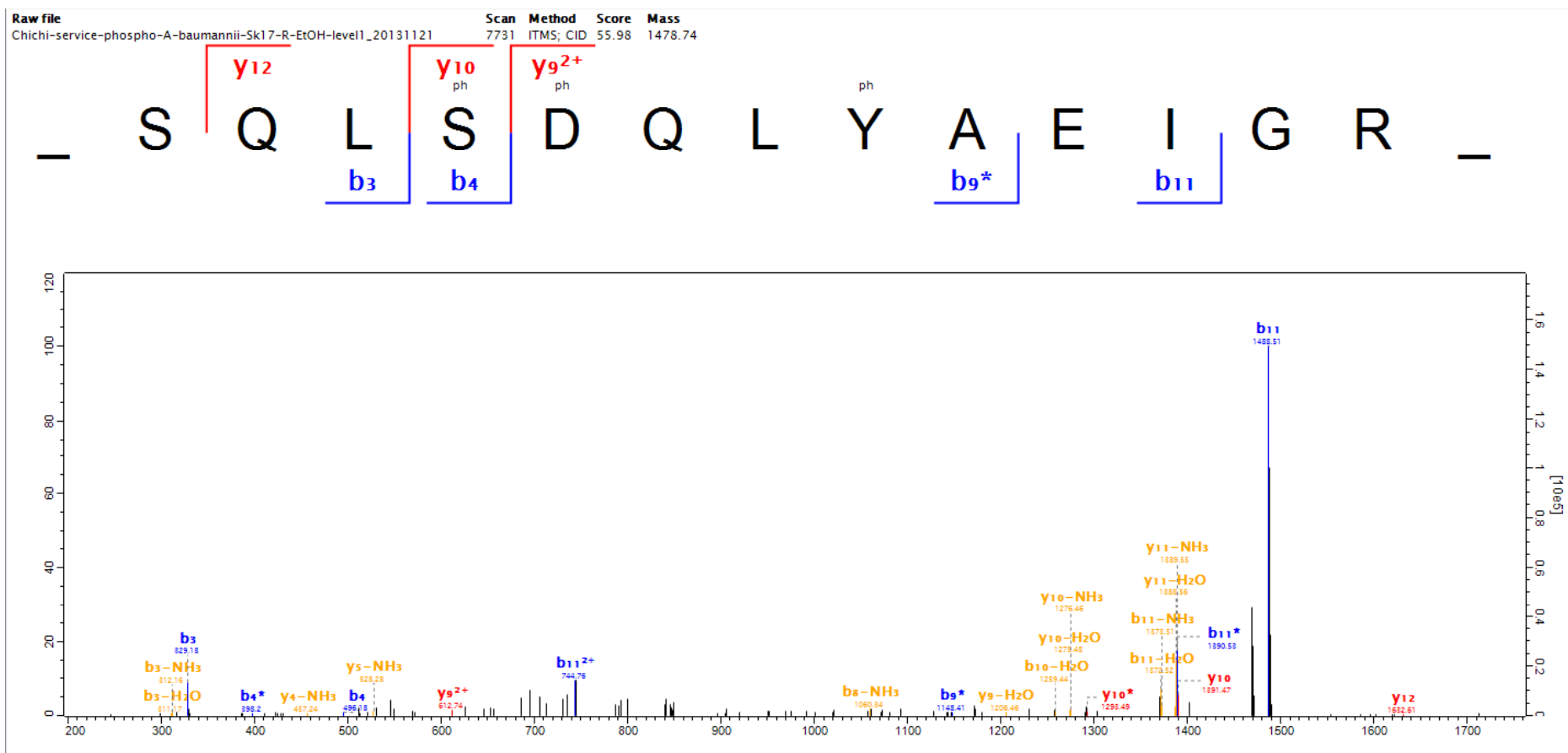
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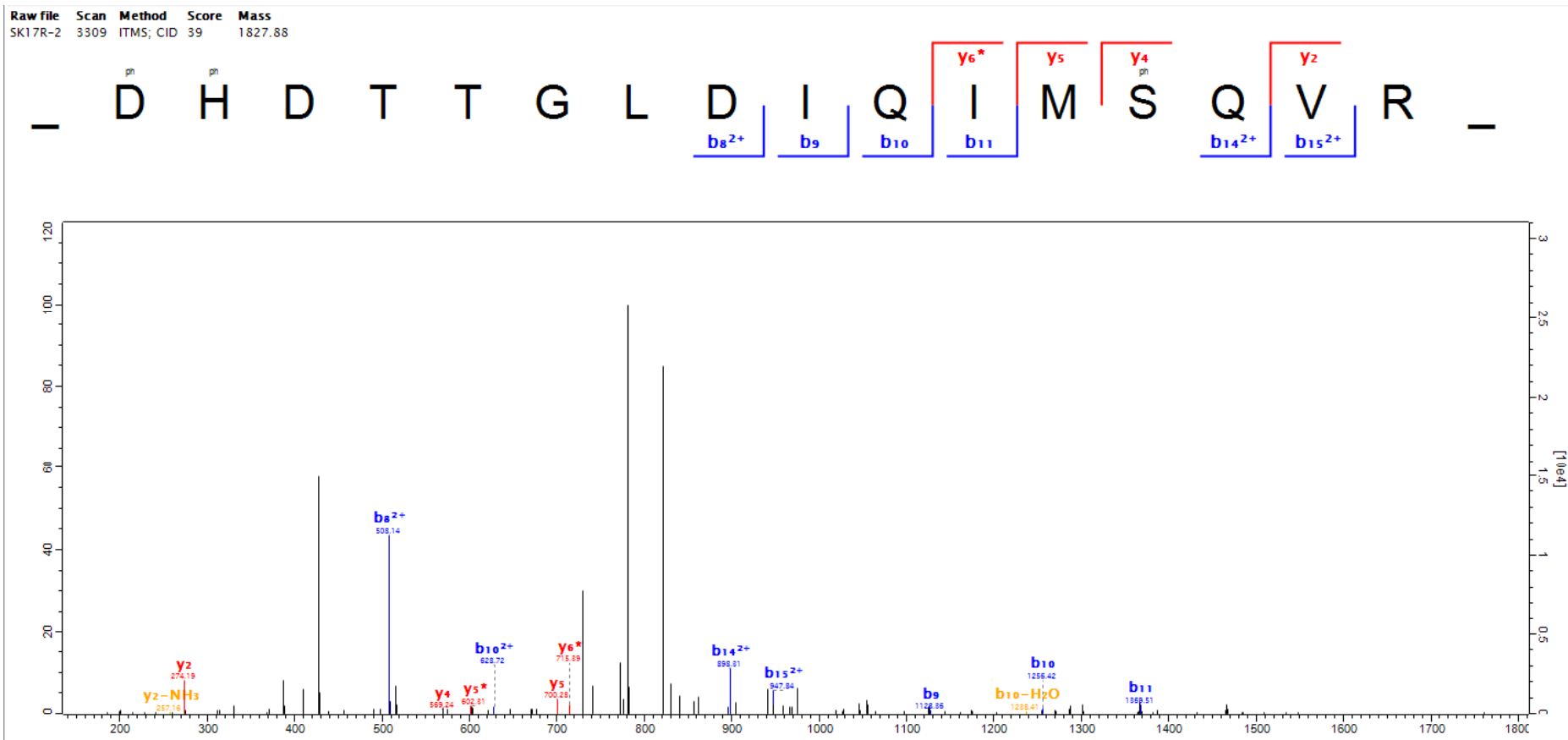
177

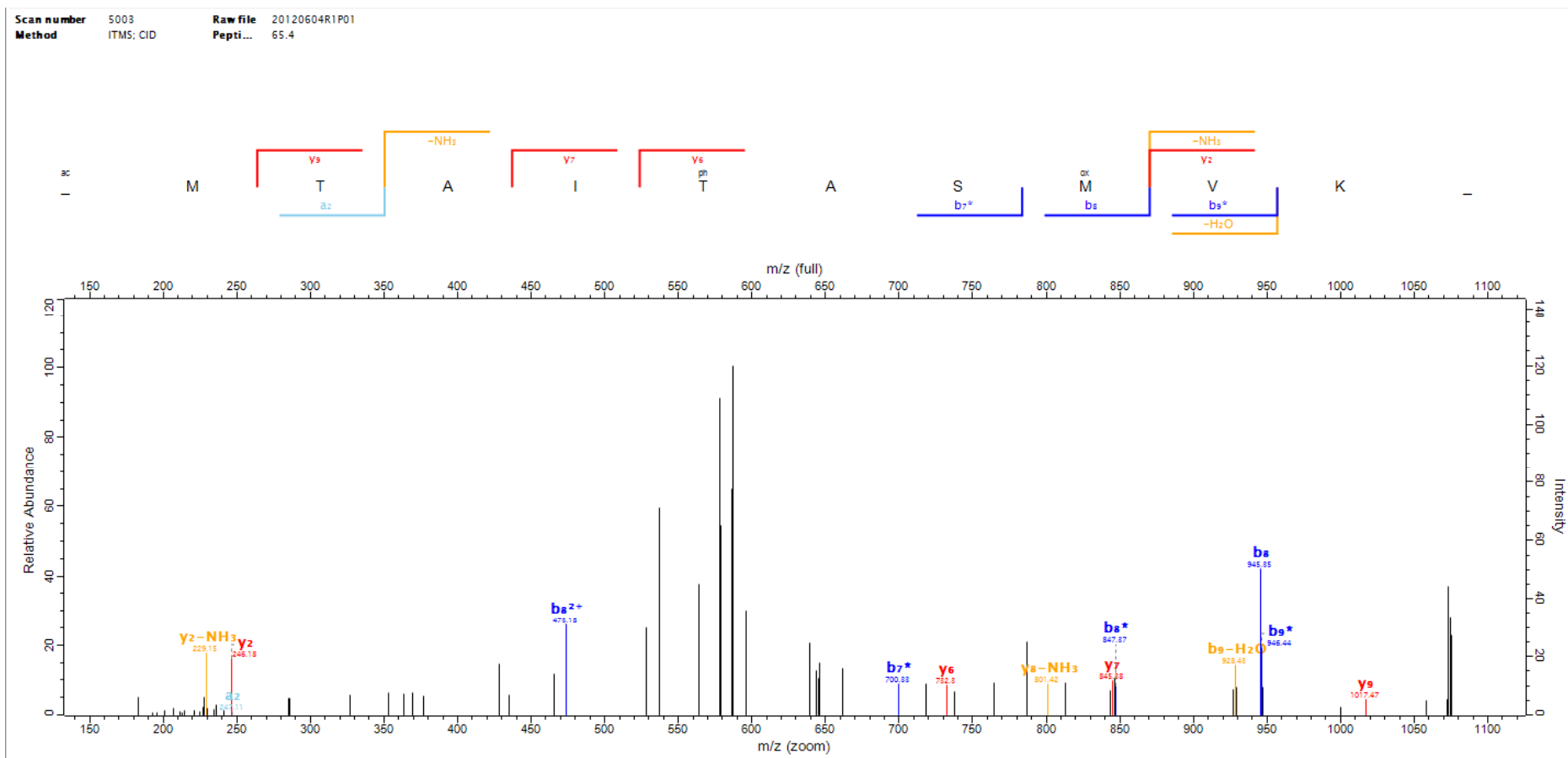


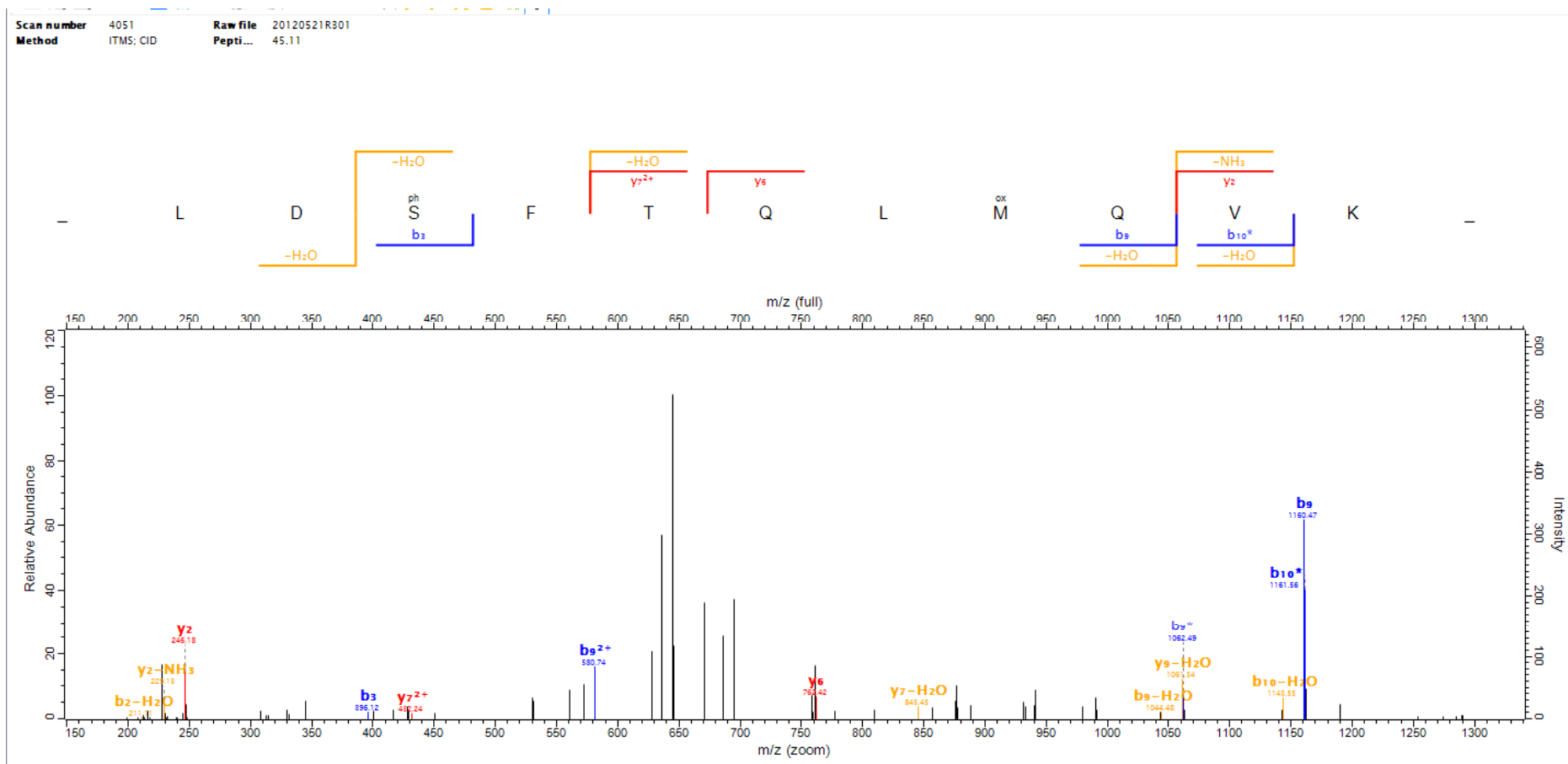


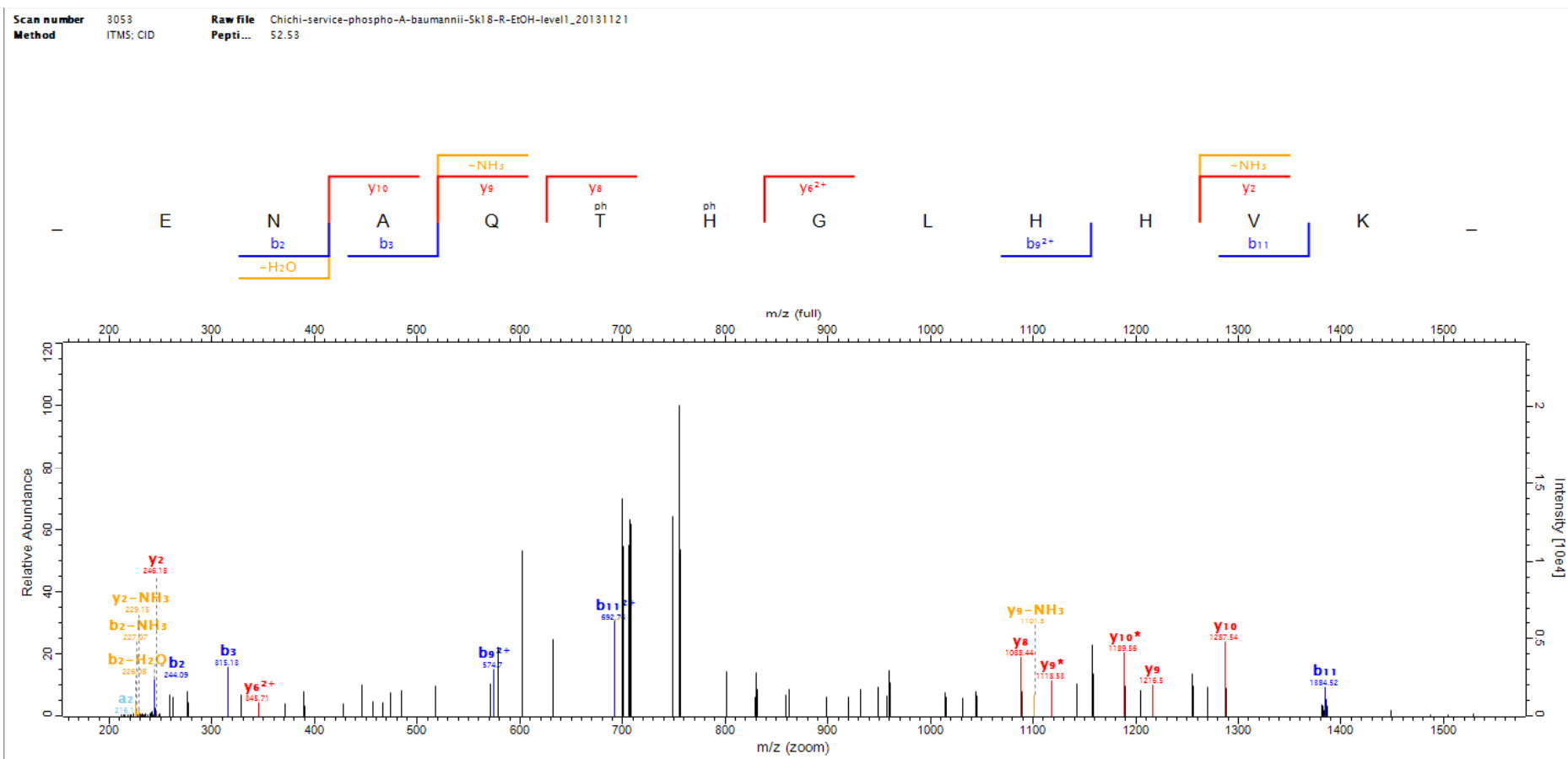


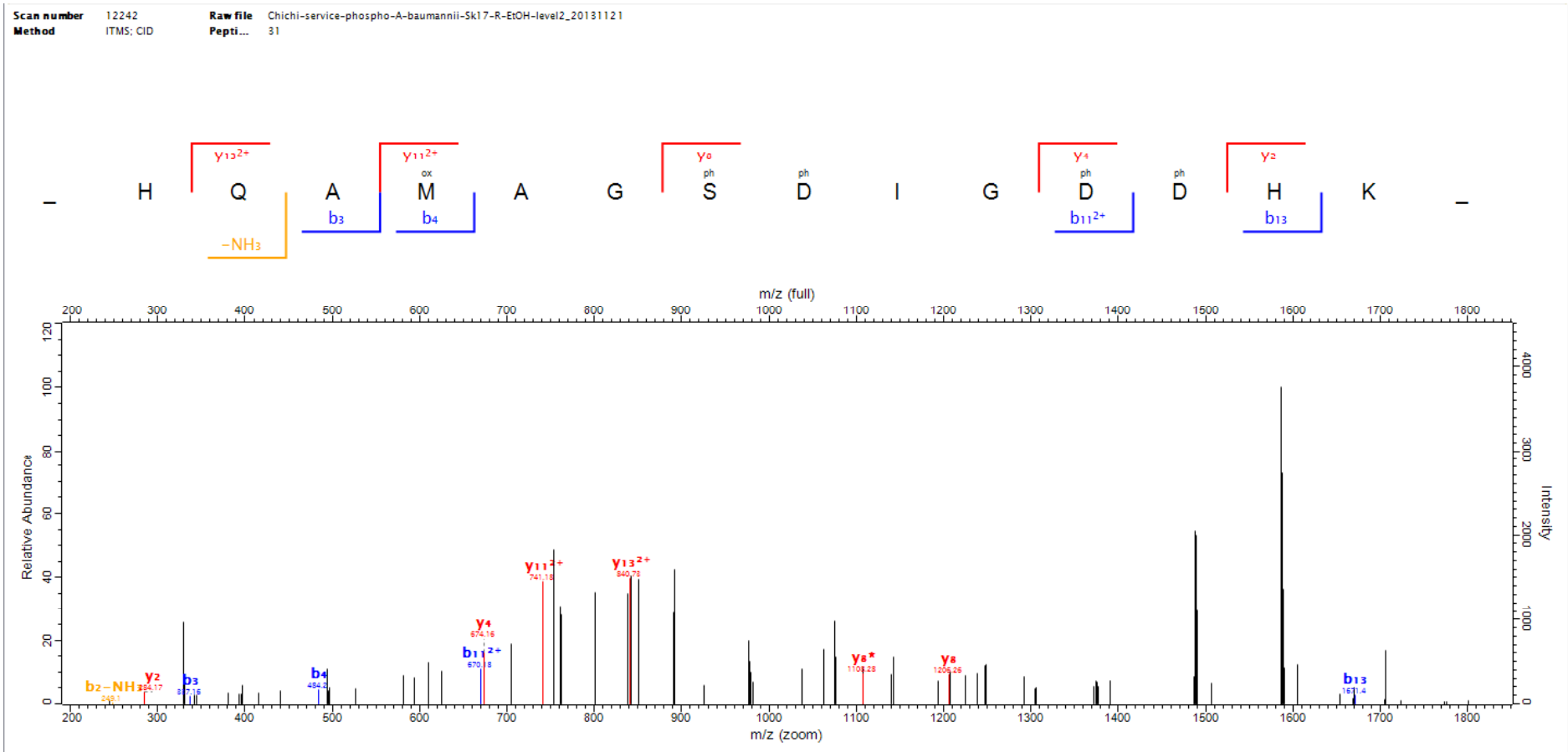
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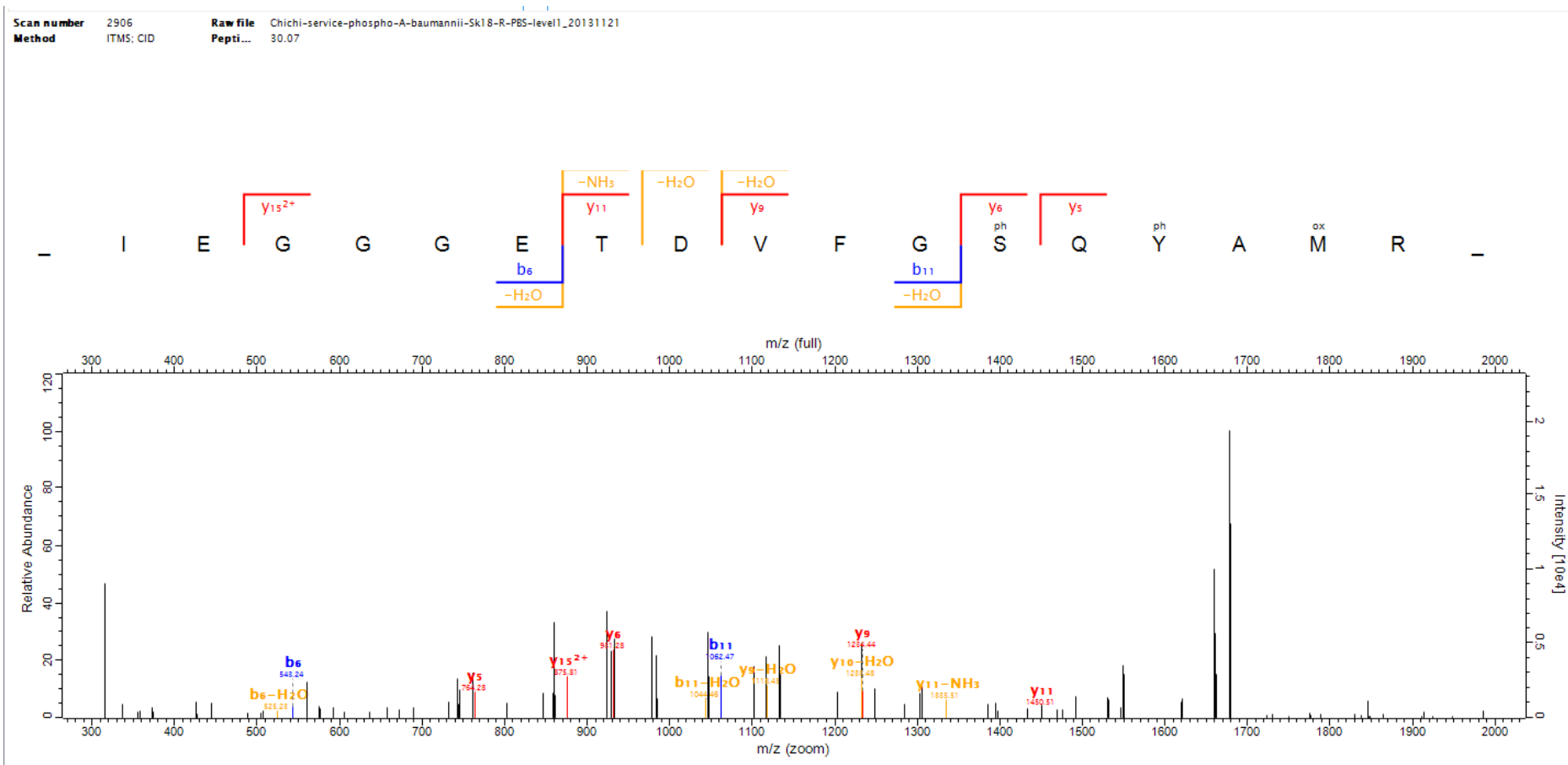


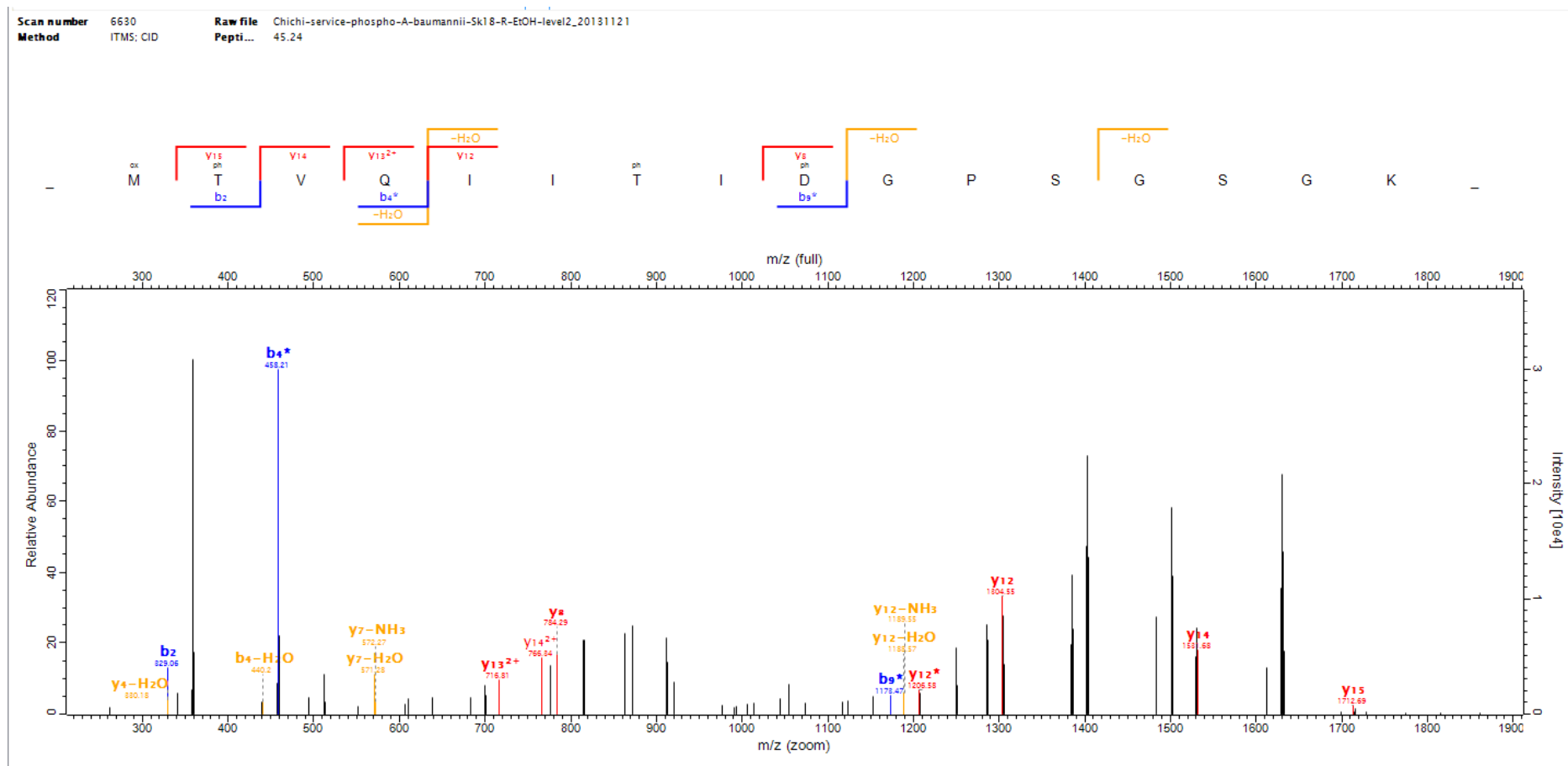




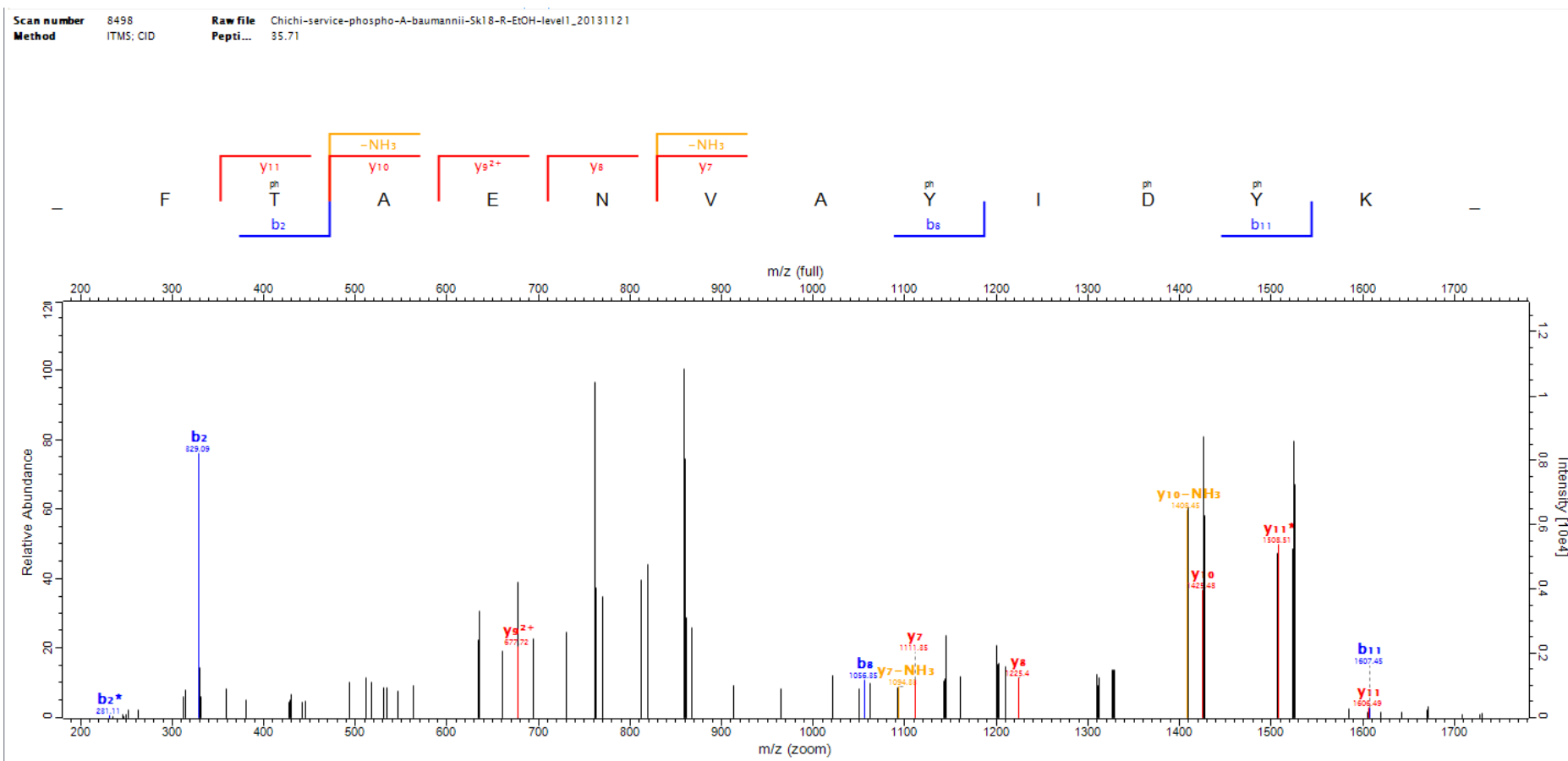


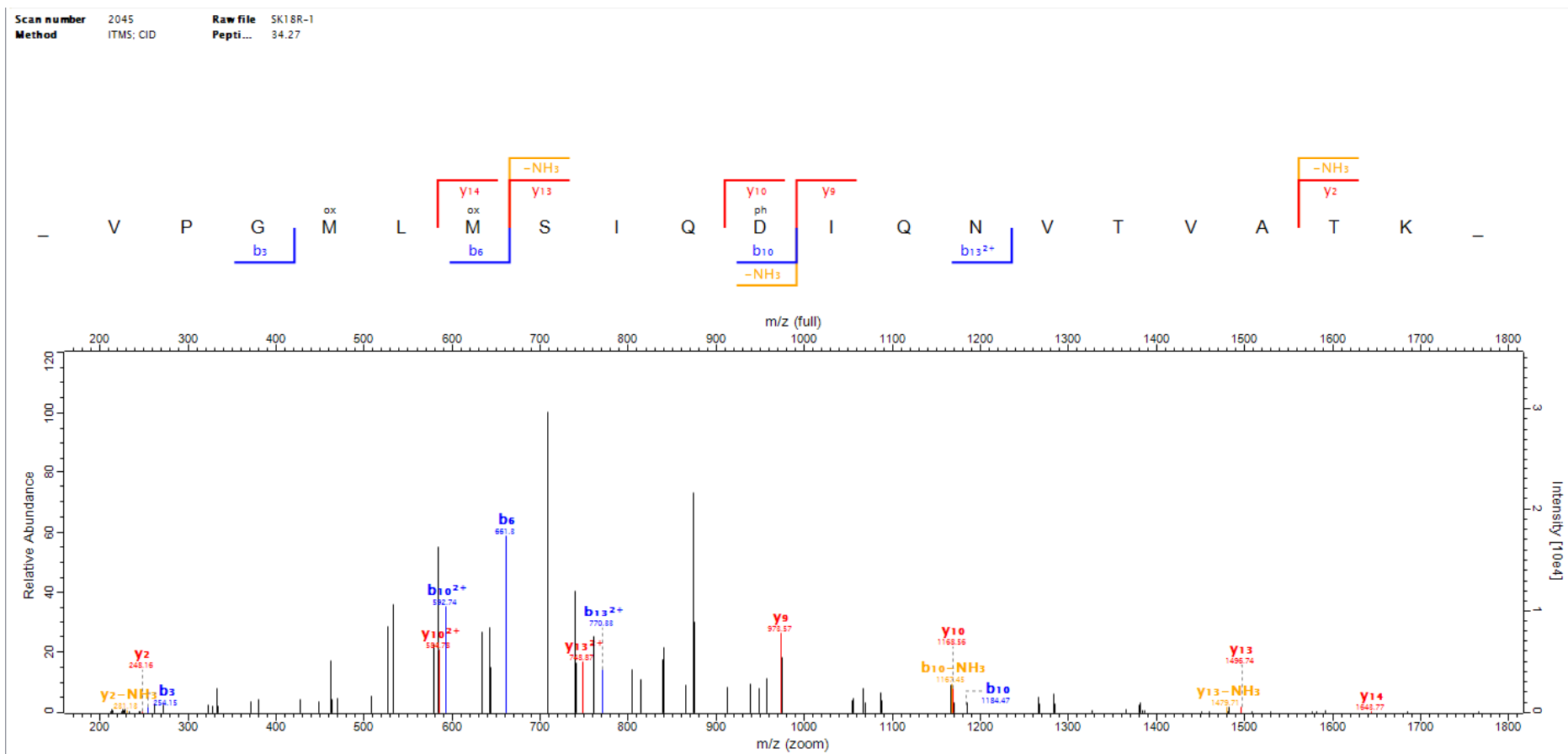




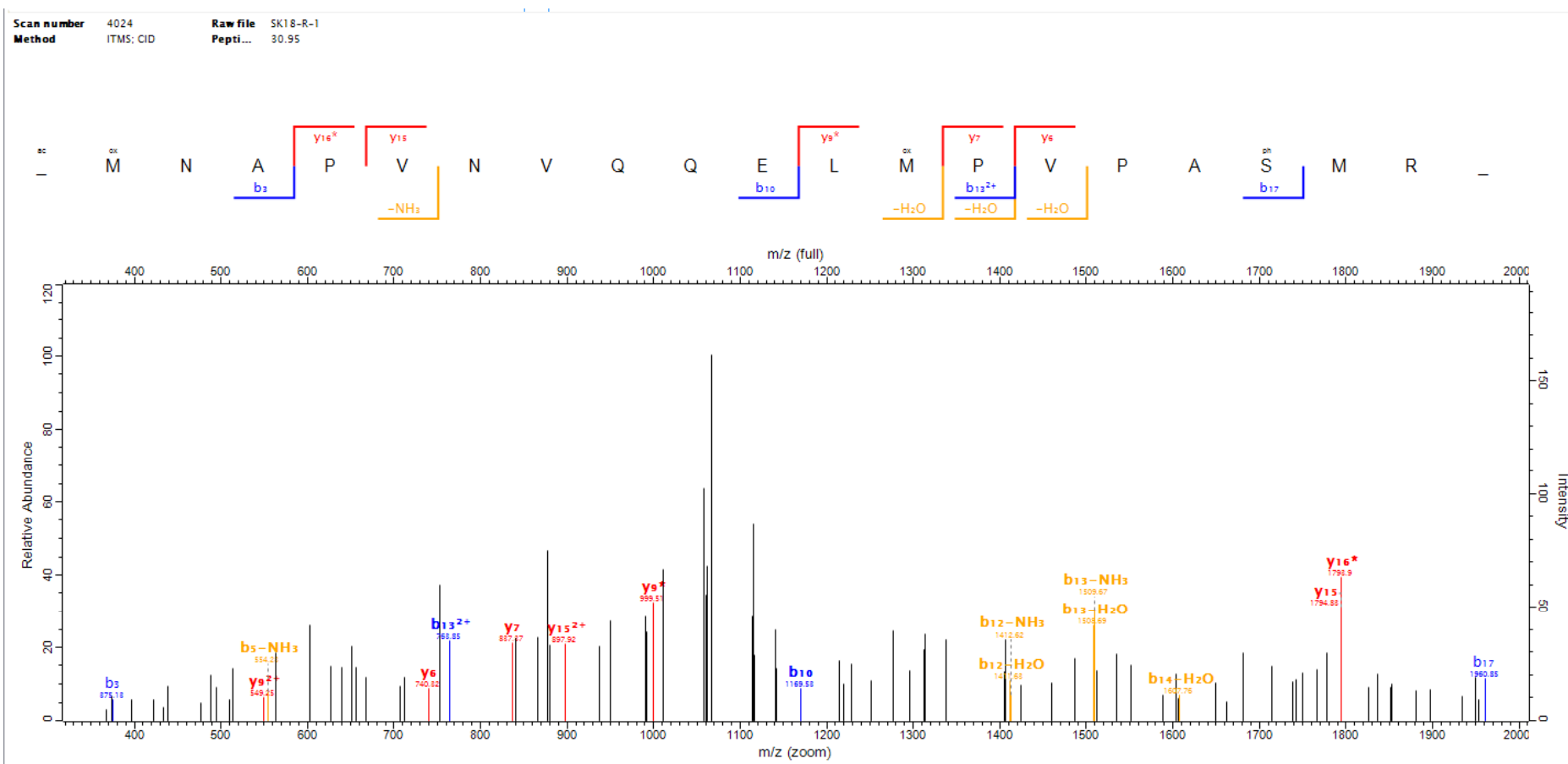


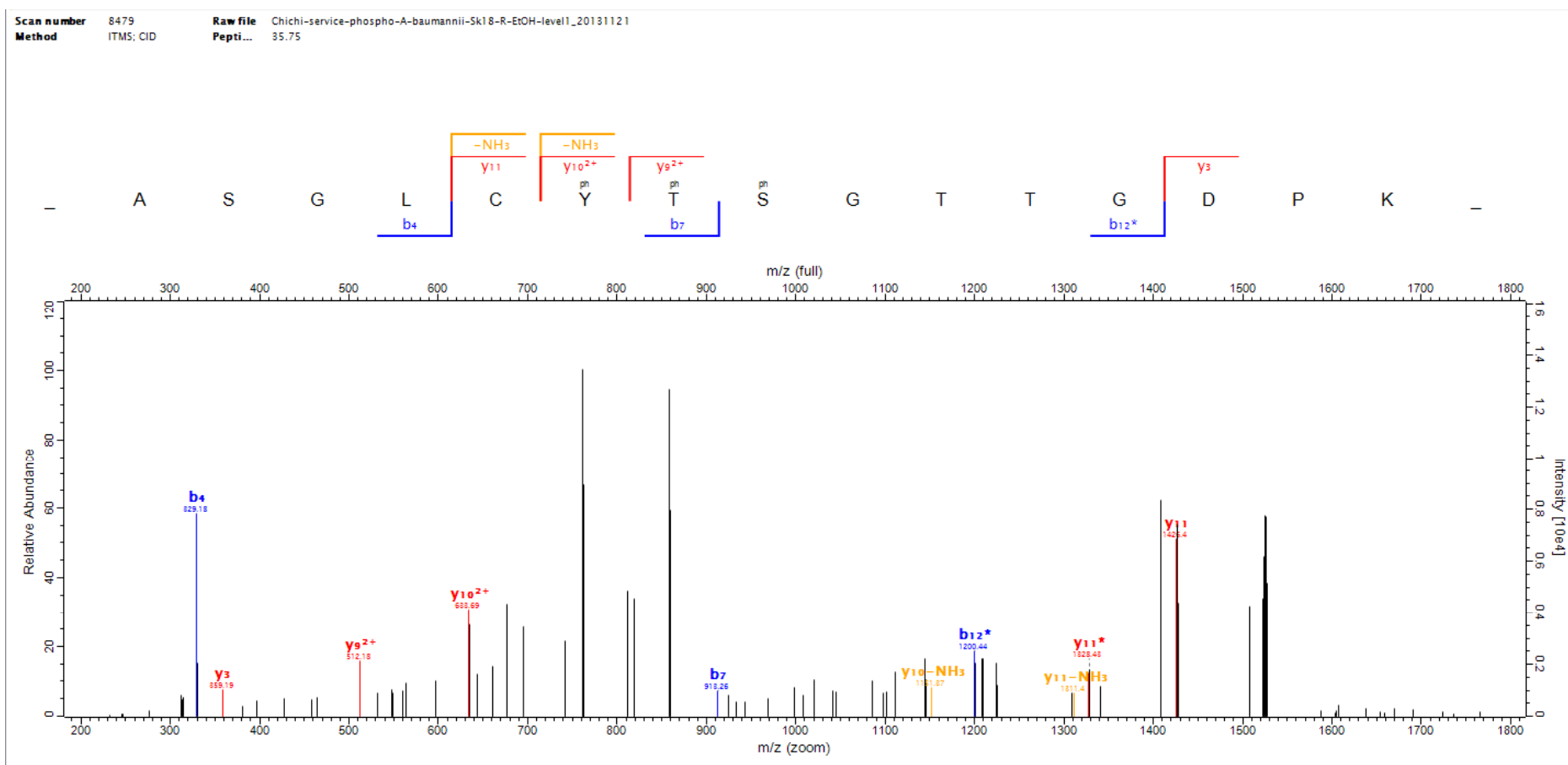
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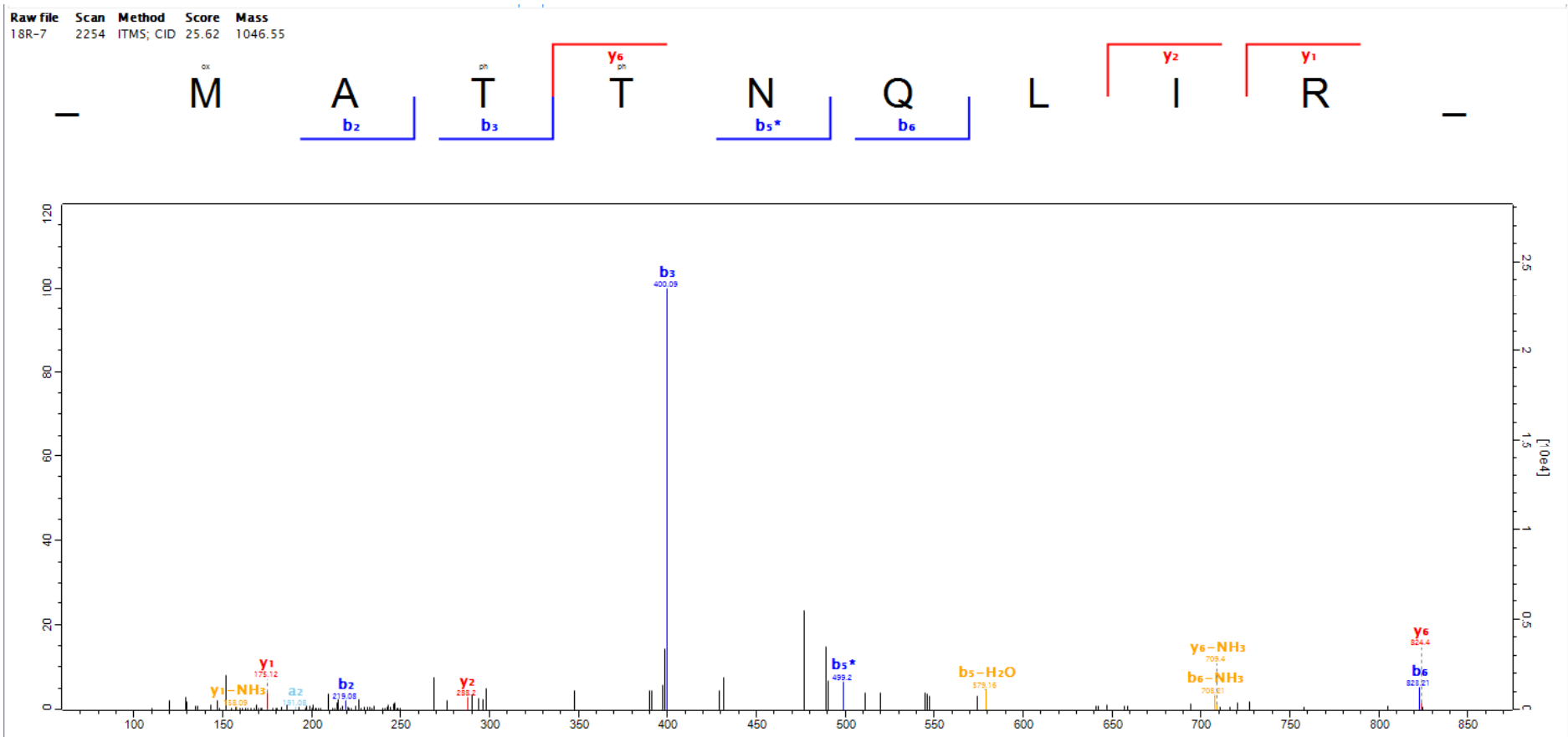


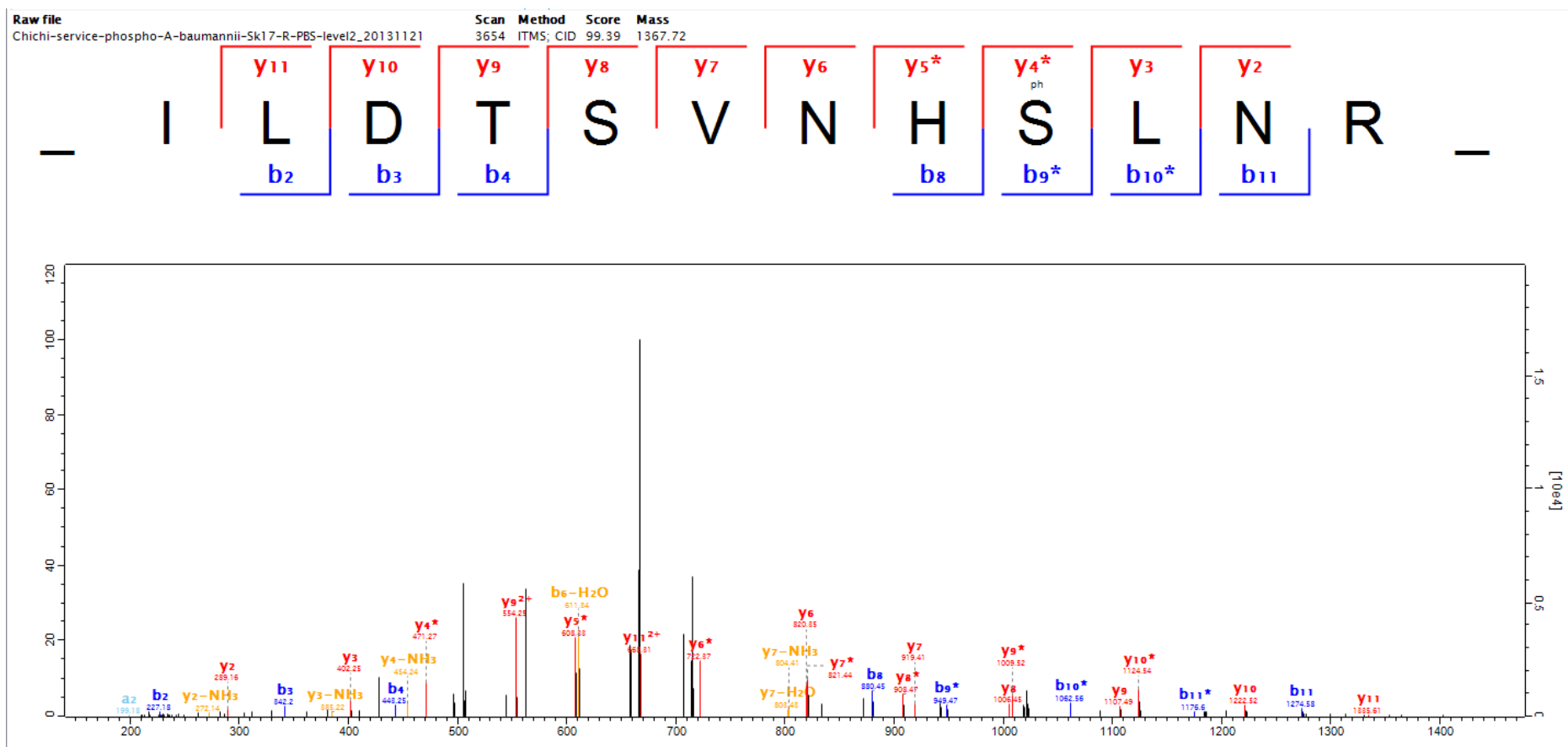
189



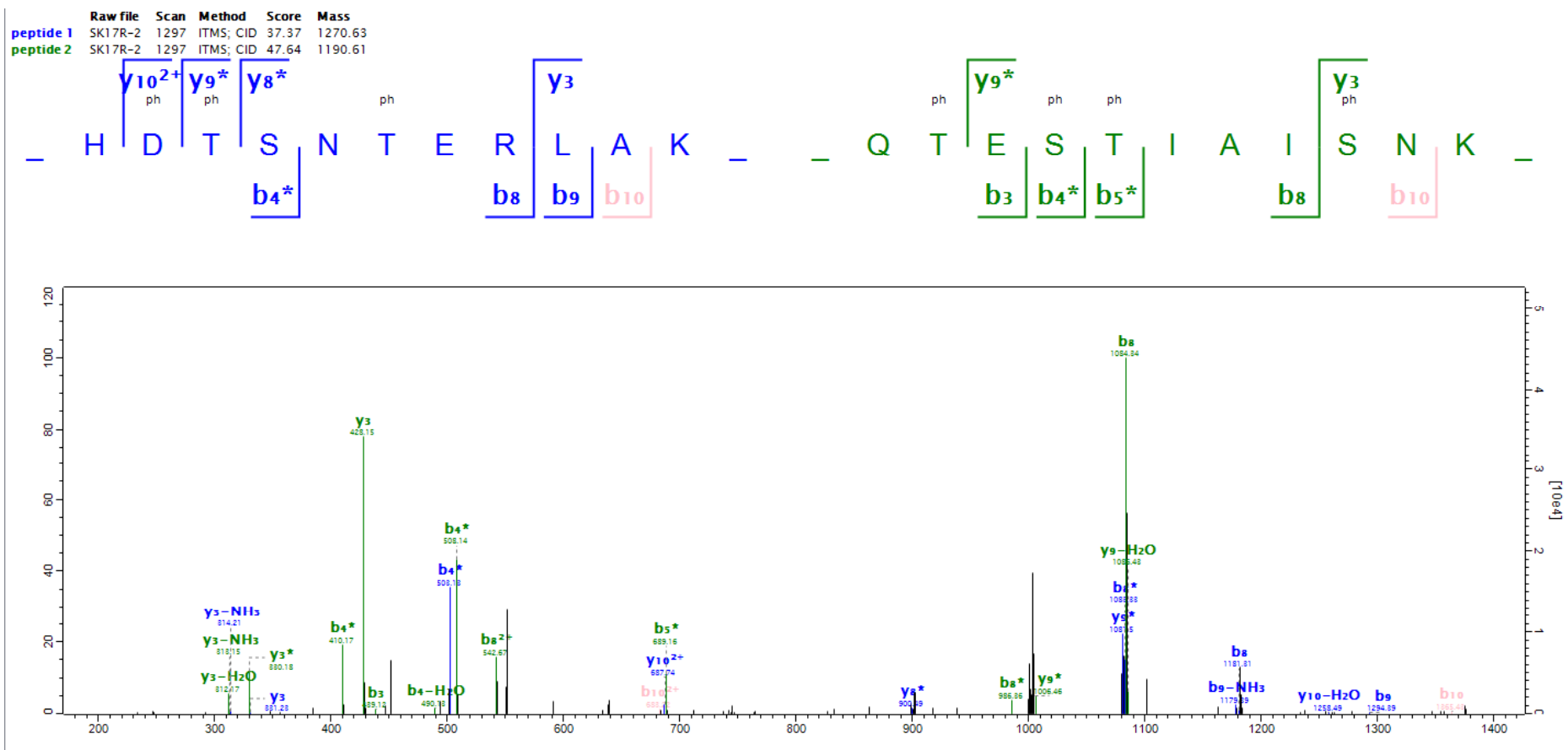


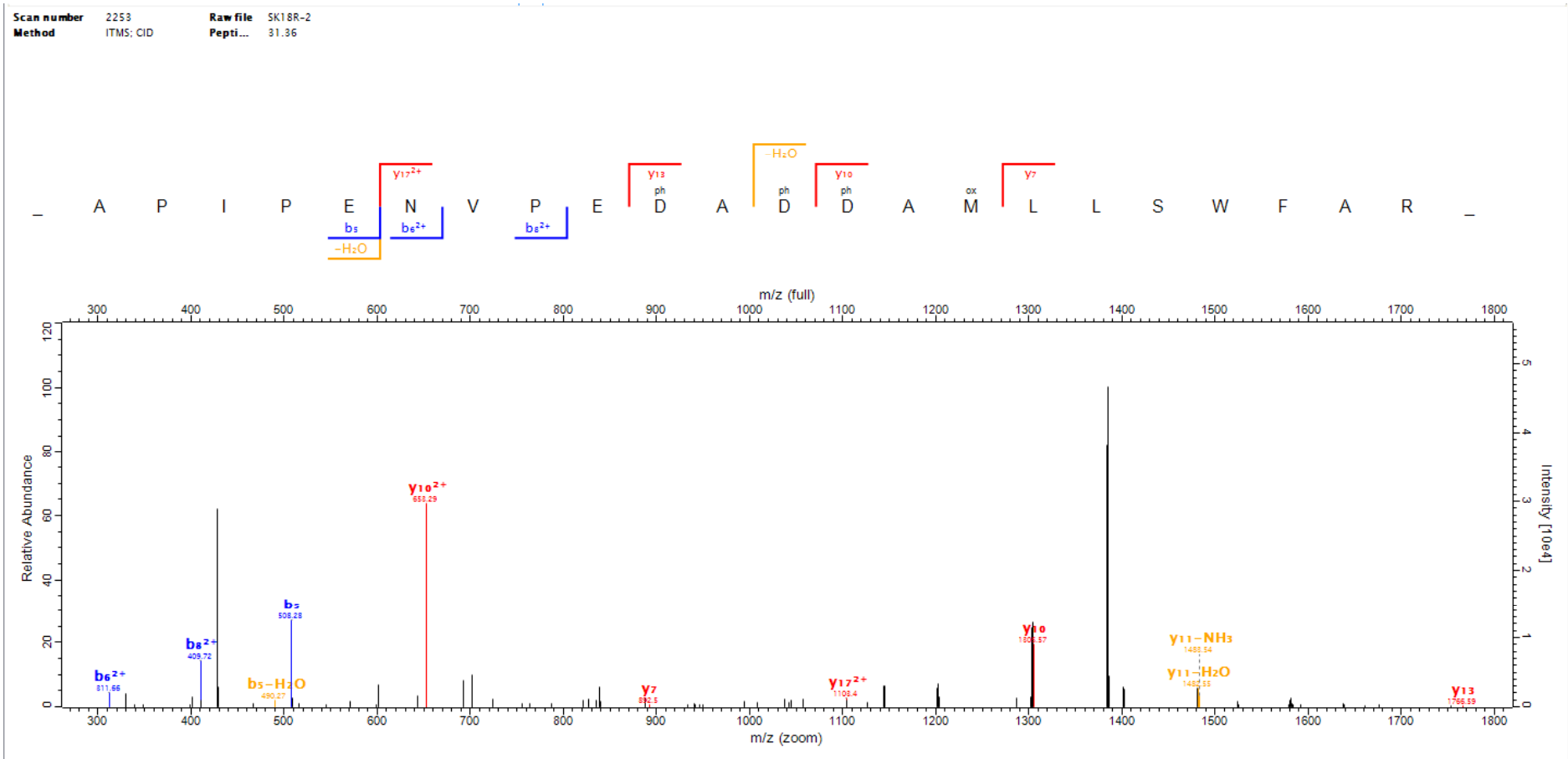
191



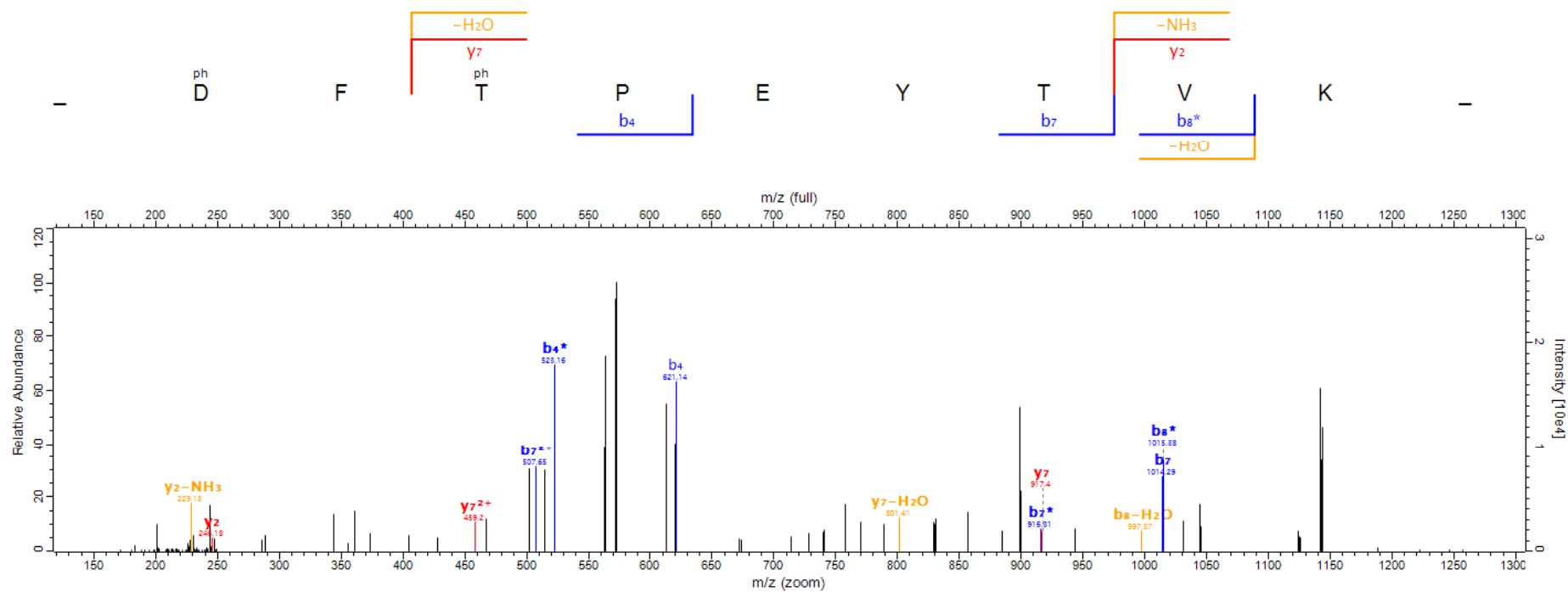


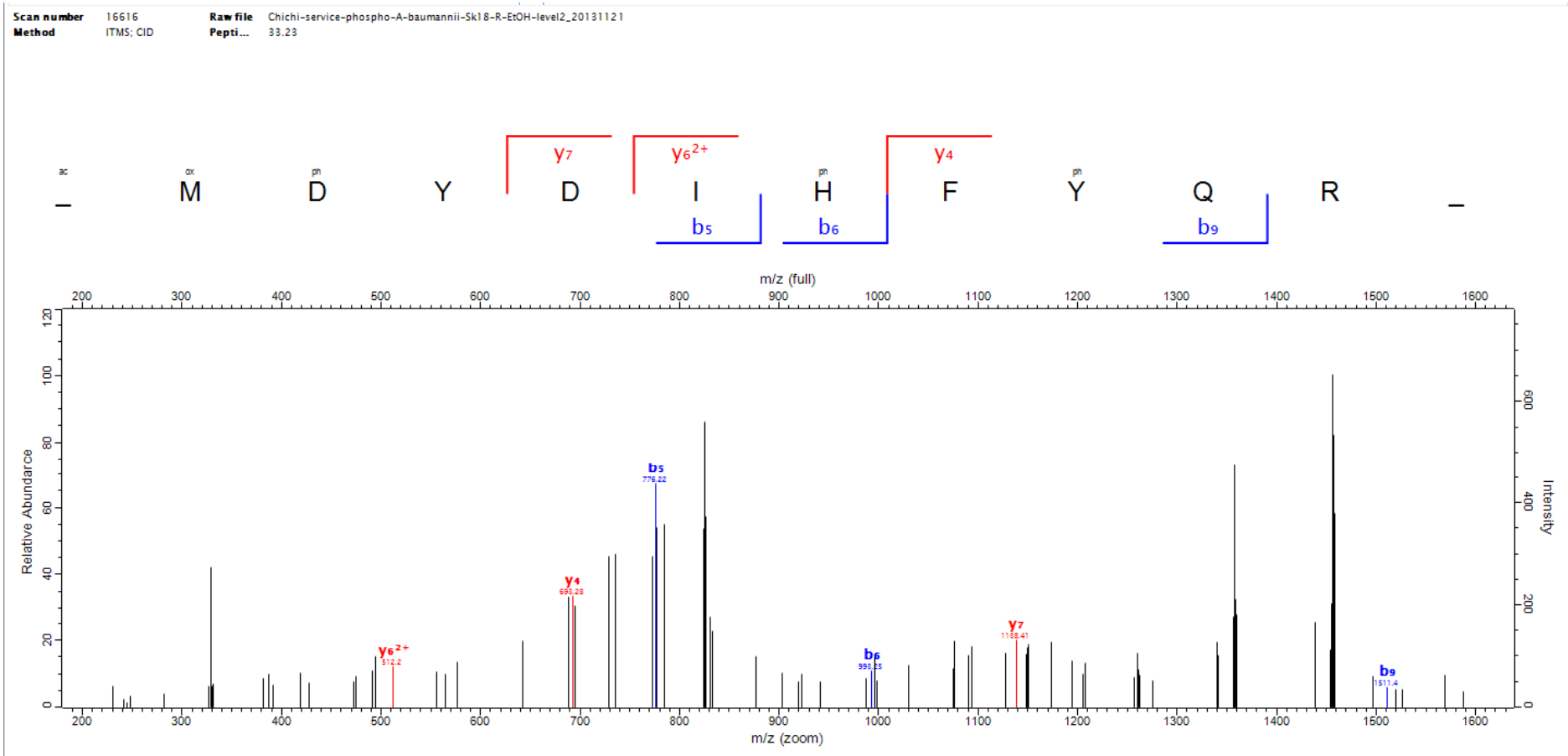
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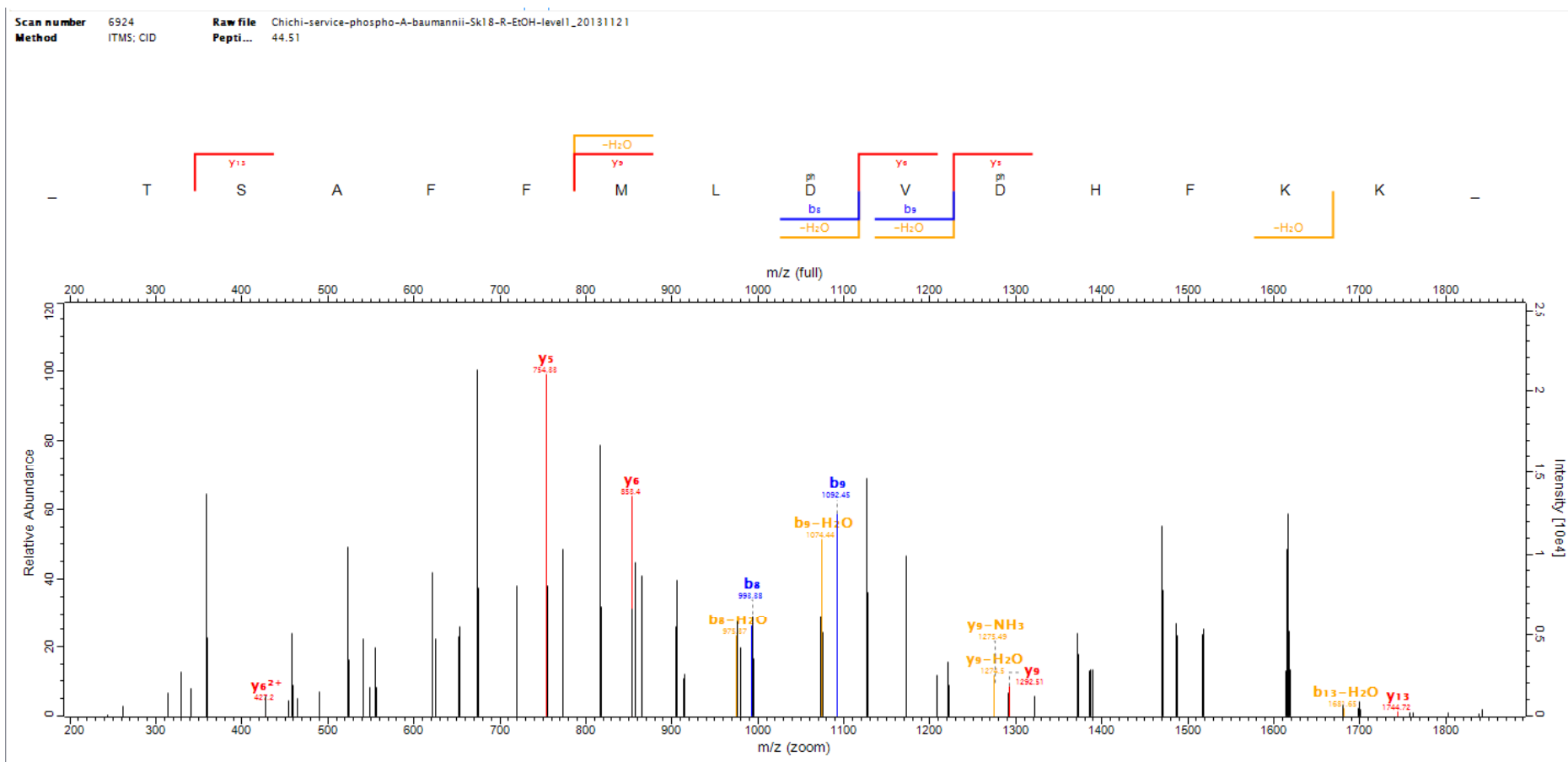




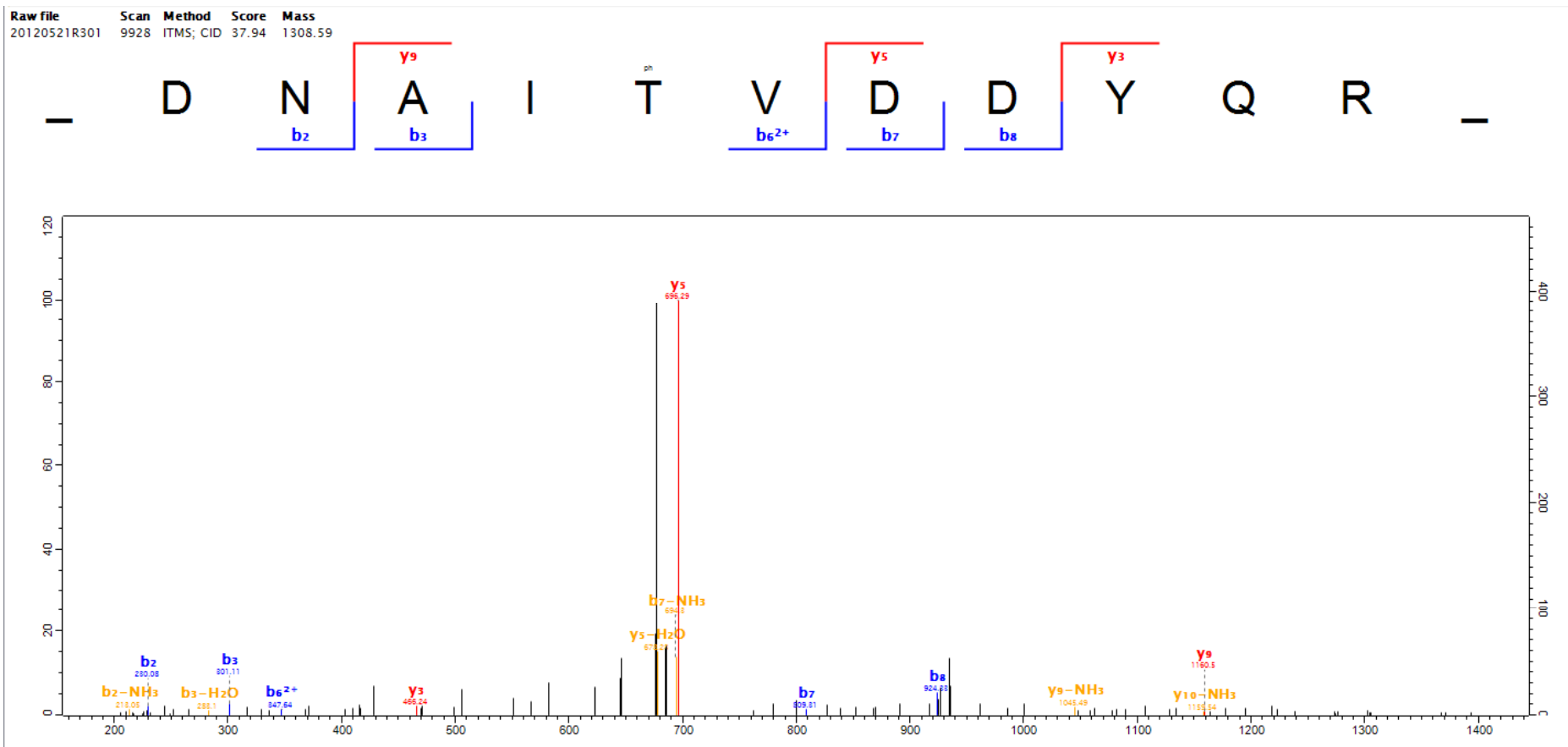
Scan number 4135 Raw file Chichi-service-phospho-A-baumannii-Sk17-R-EtOH-level2_20131121
 Method ITMS; CID Pepti... 67.7

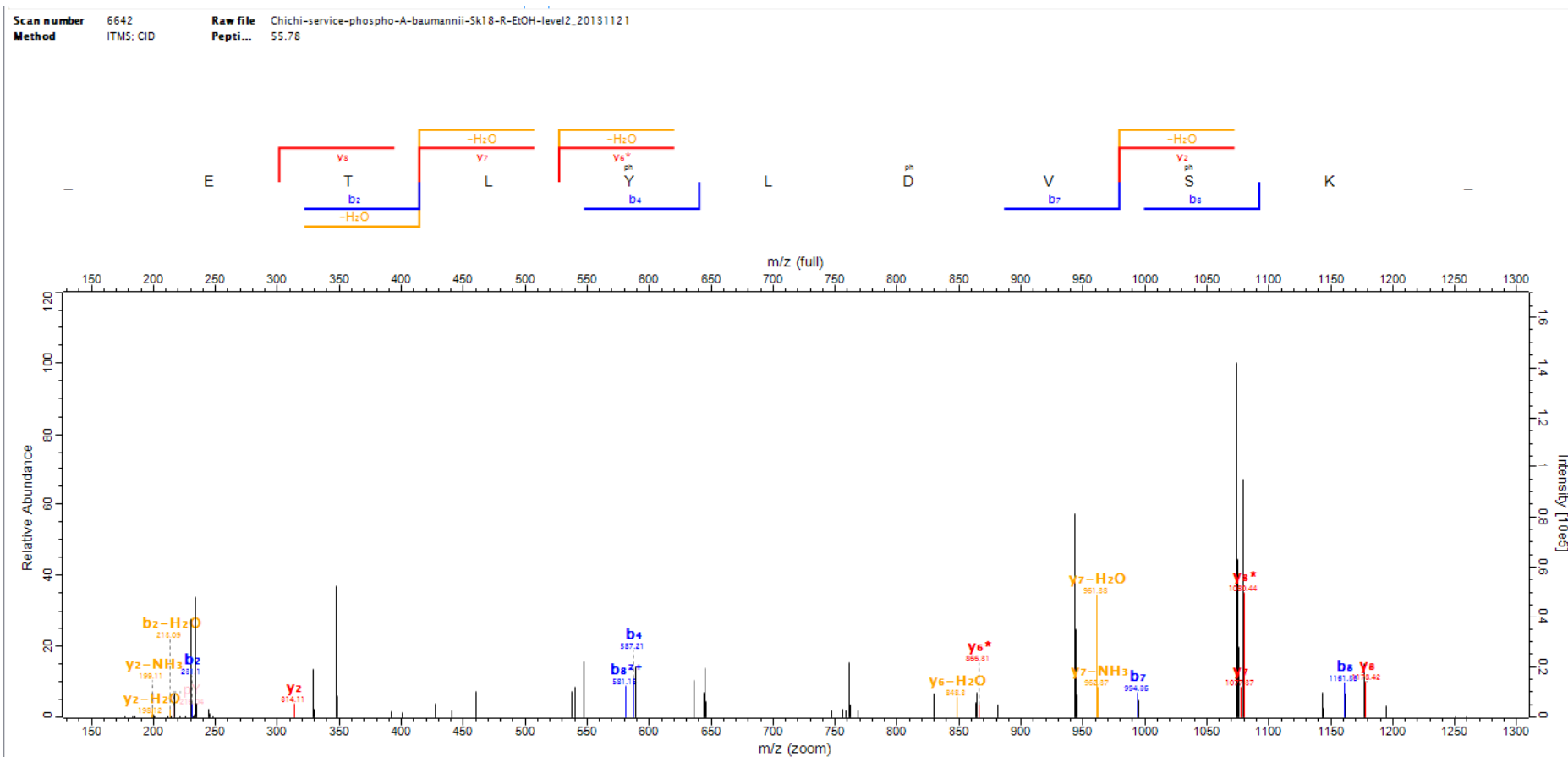






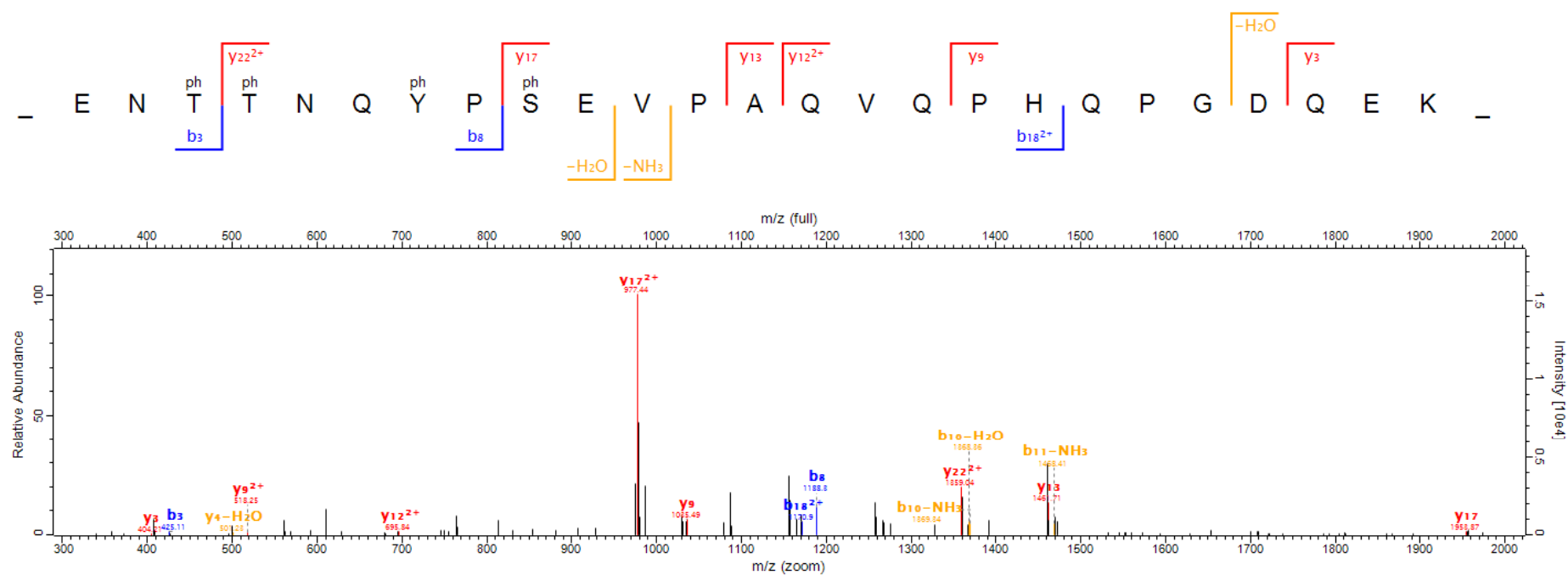
198



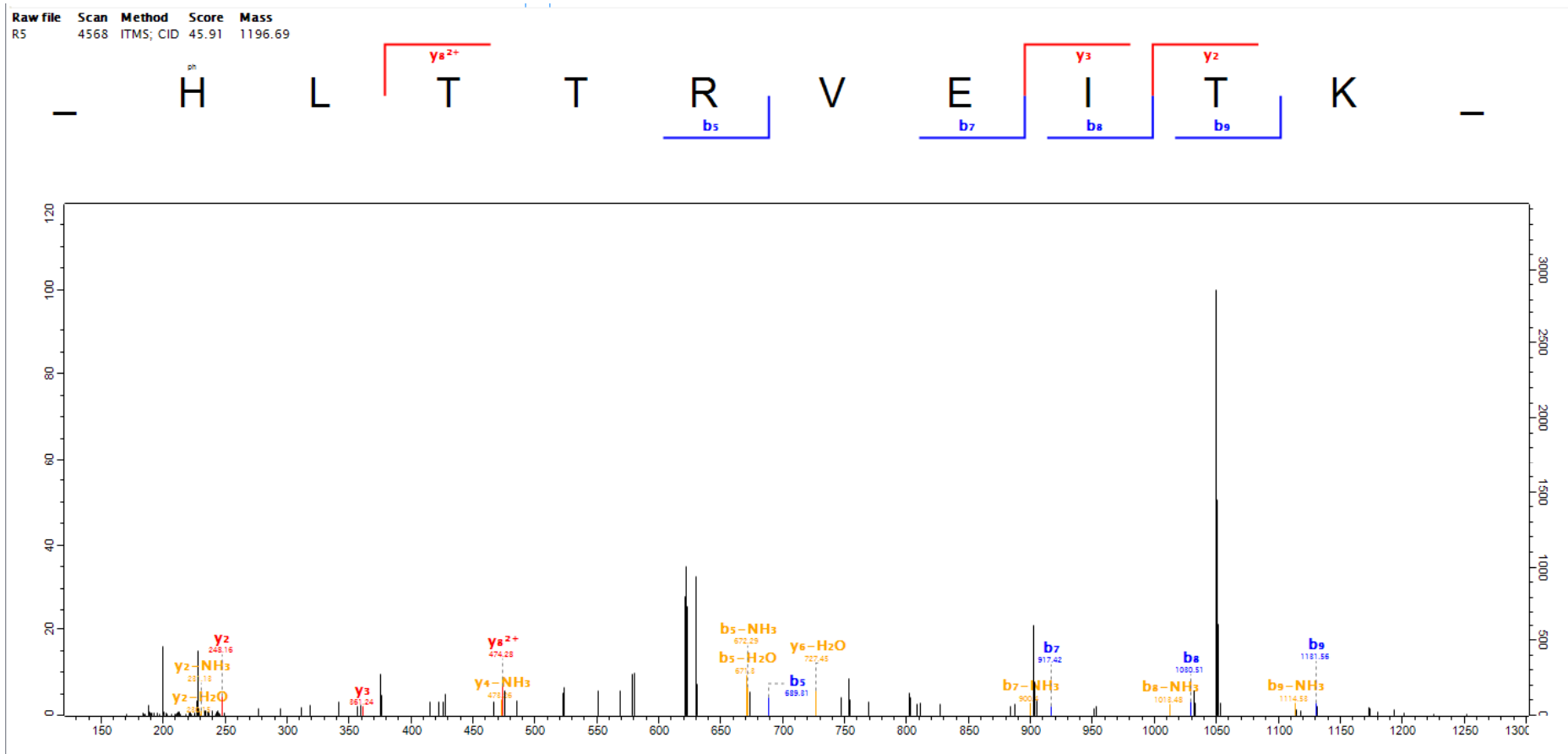


200

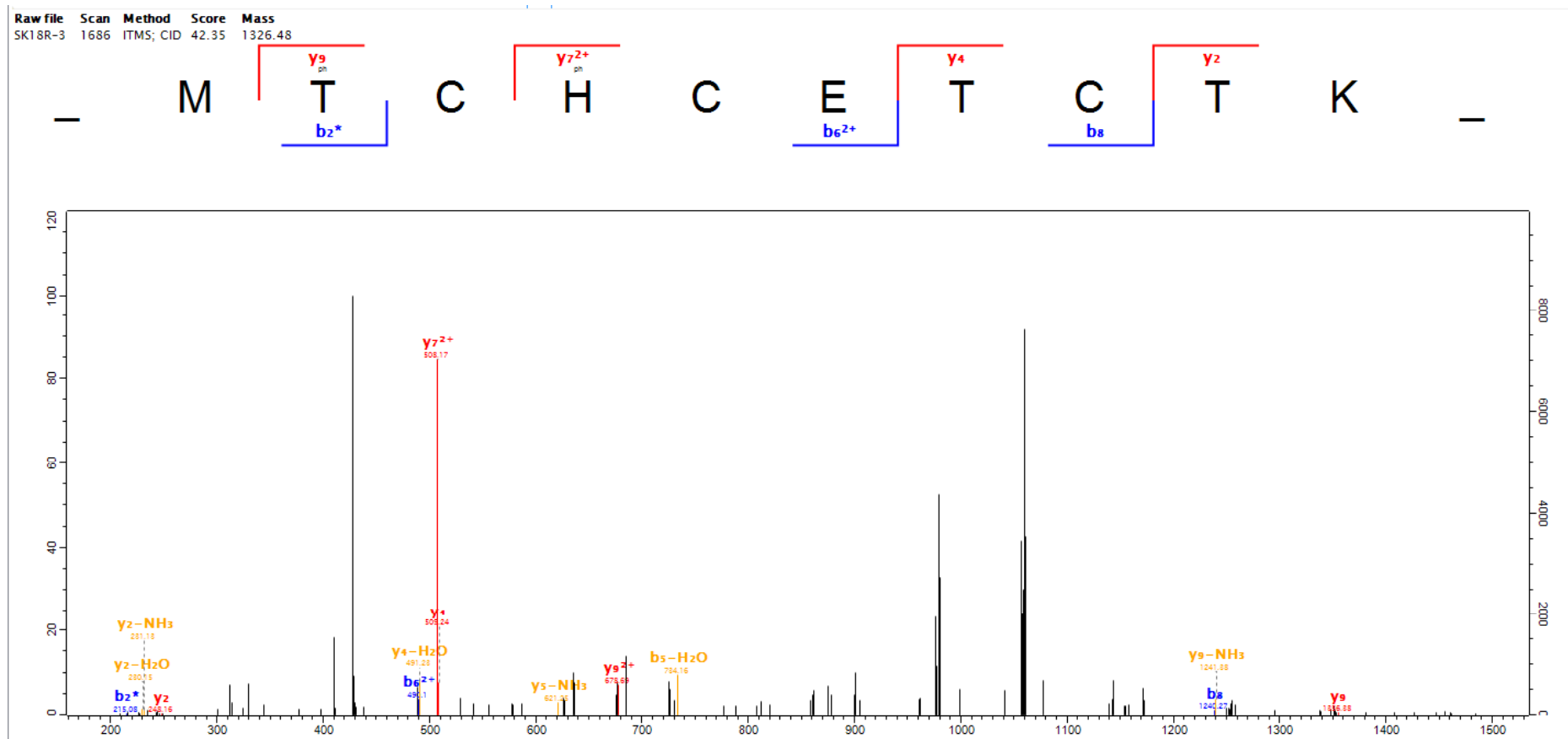
Scan number 1287 Raw file Chichi-service-phospho-A-baumannii-Sk17-R-PBS-level2_20131121
Method ITMS: CID Pepti... 33.79



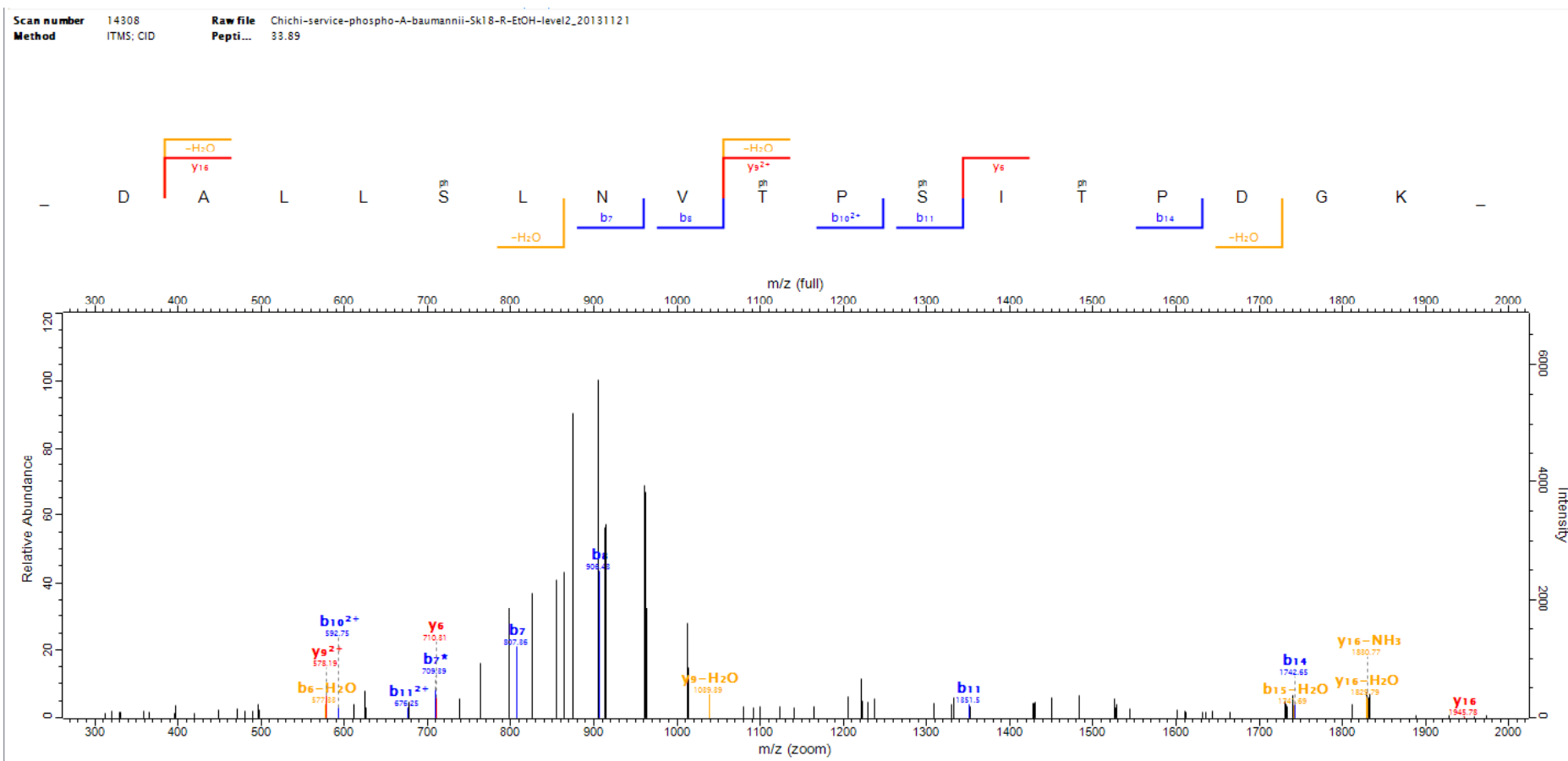
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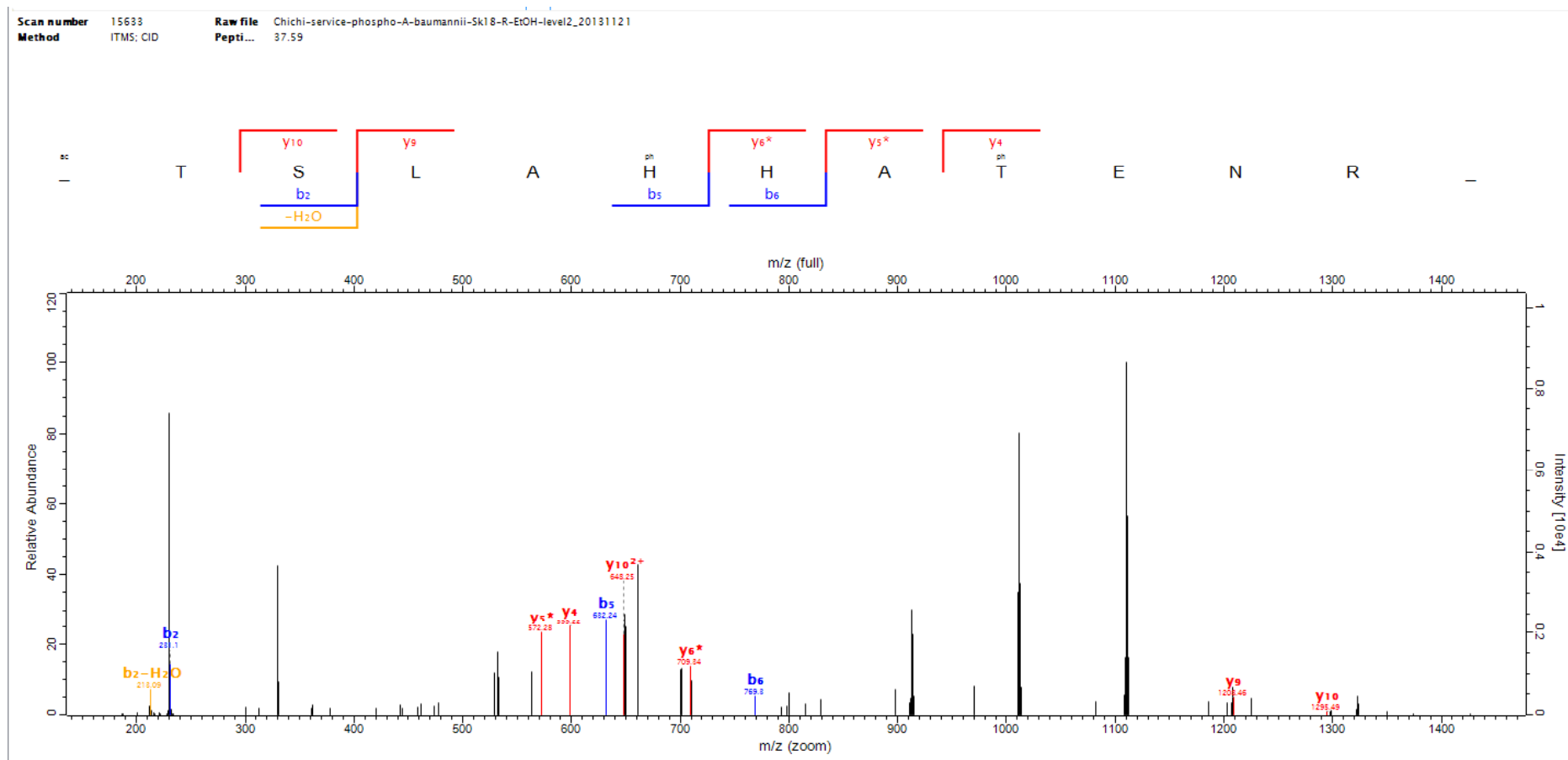


202



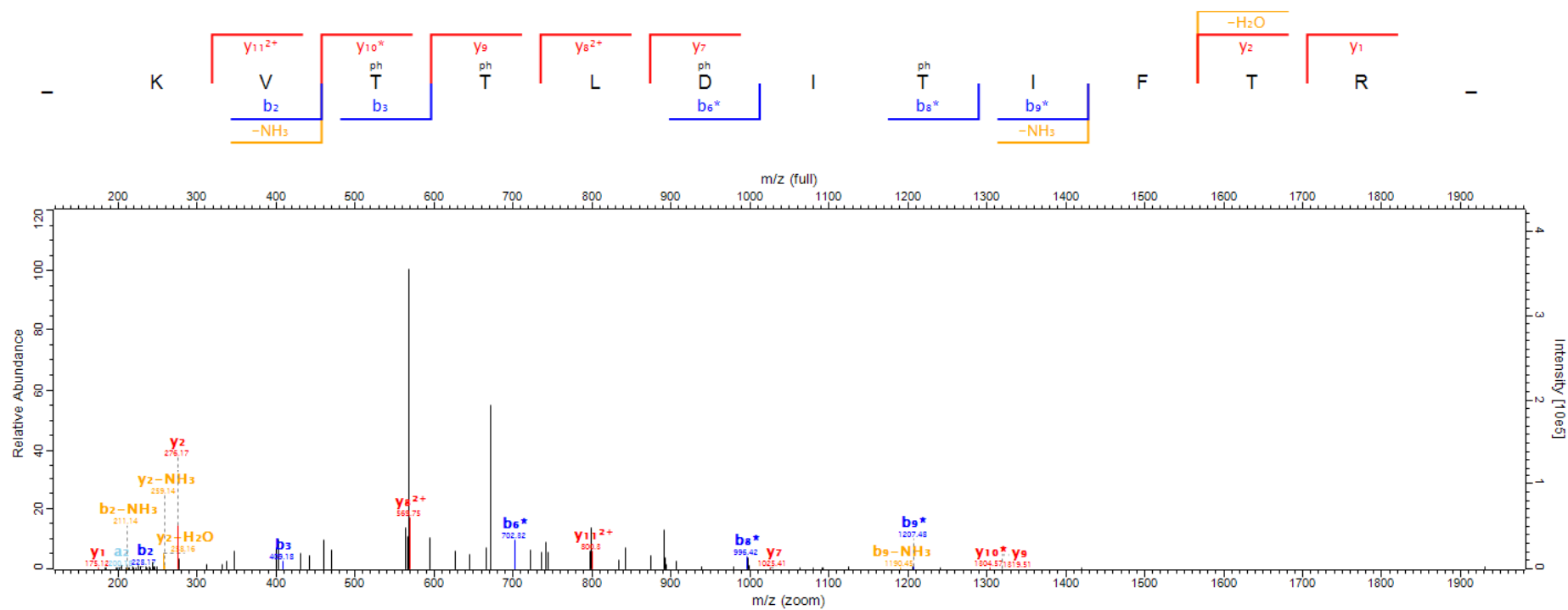
203



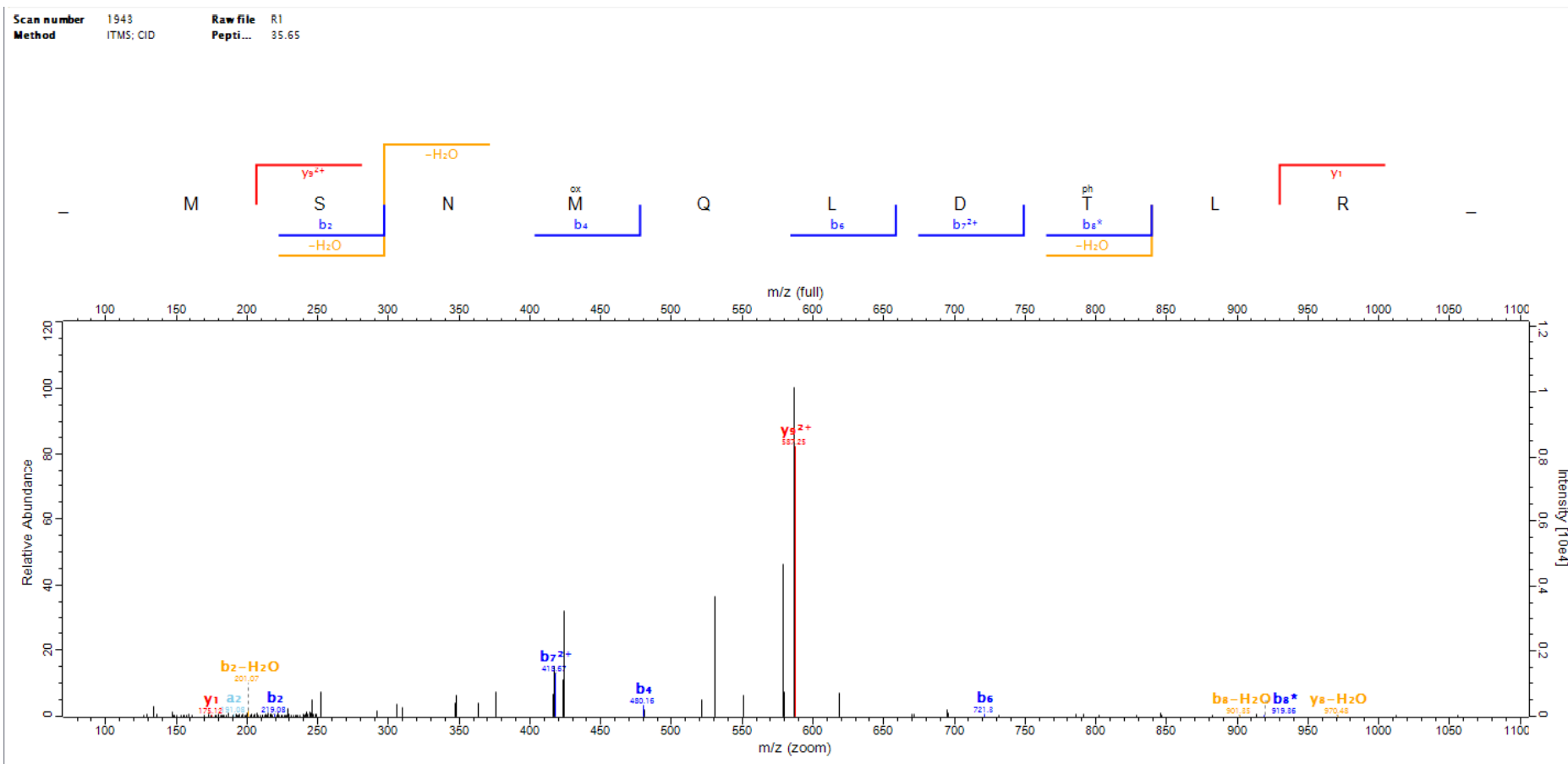


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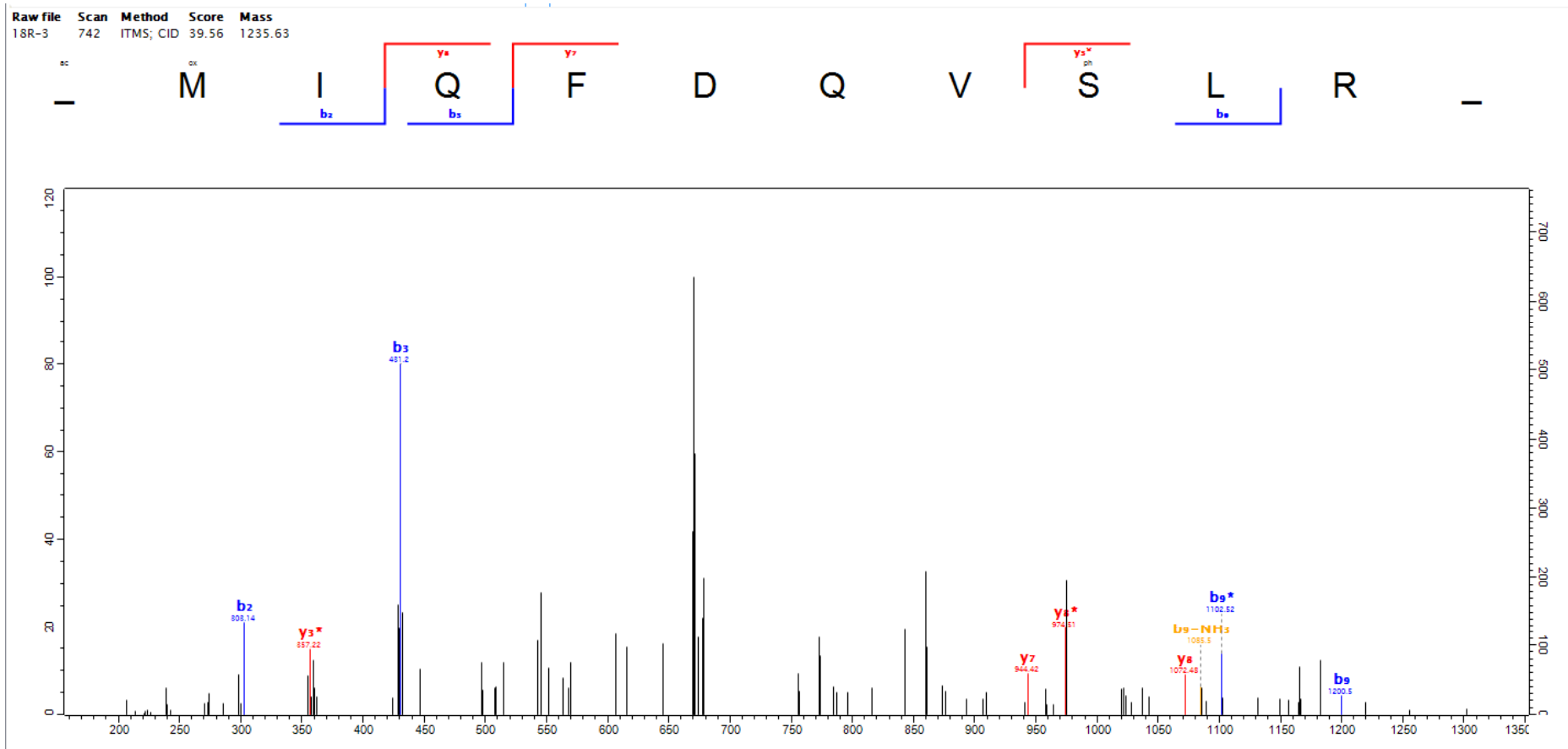
Scan number 3969 Raw file Chichi-service-phospho-A-baumannii-Sk18-R-PBS-level1_20131121
 Method ITMS: CID Peptide 47.22



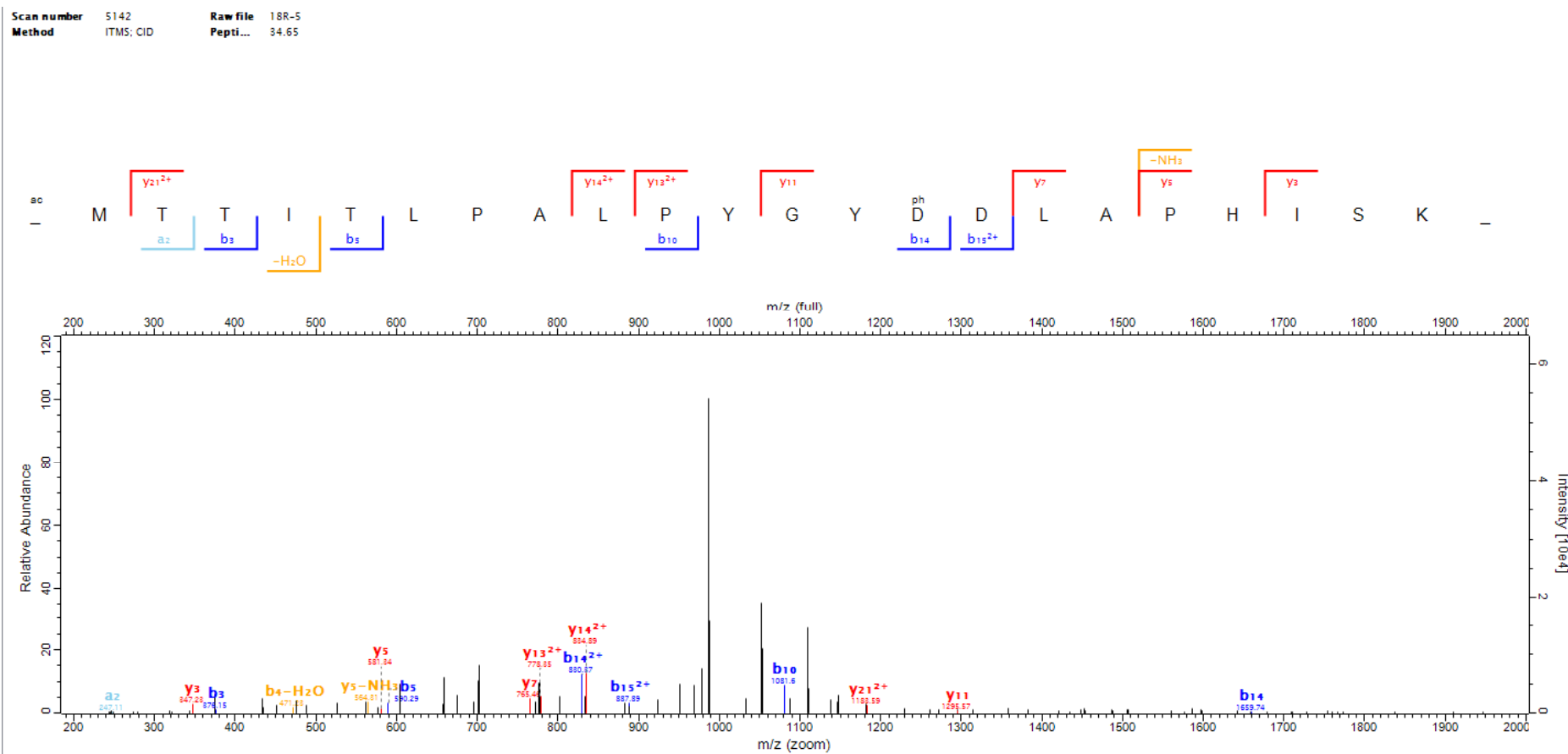
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207

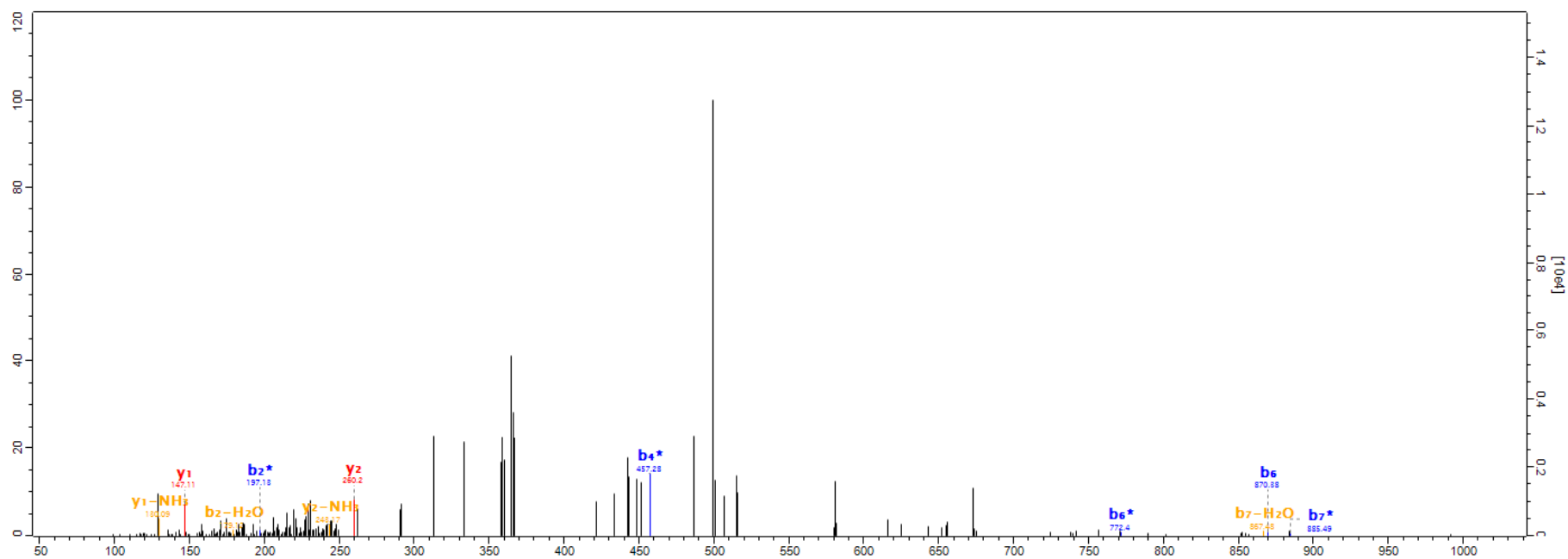


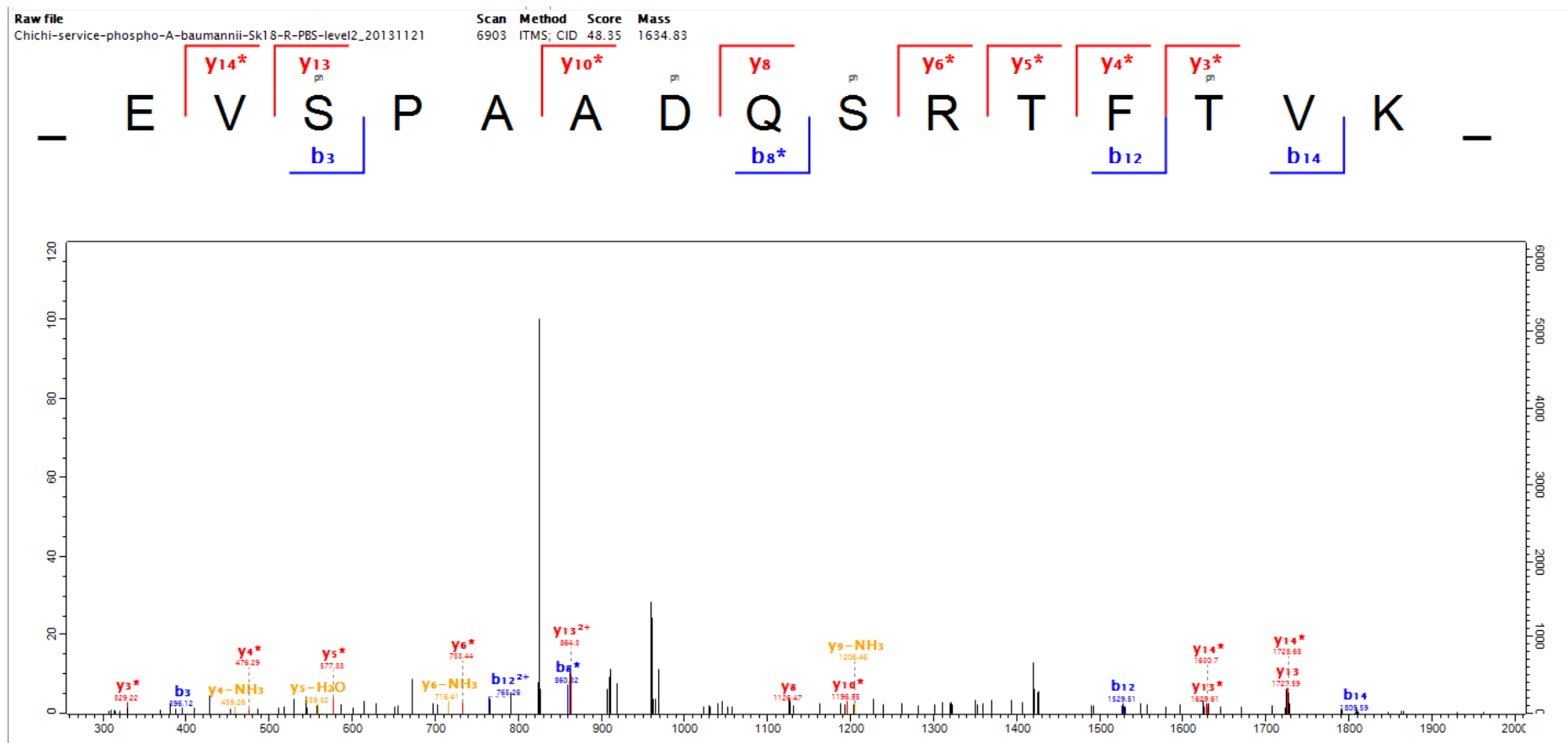
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Raw file Scan Method Score Mass
R4 2013 ITMS; CID 38.57 1048.6





211

Raw file 20120521R301 Scan 7280 Method ITMS; CID Score 32.72 Mass 1208.6

