

## ***Supplementary Data 6***

### **Analysis of protein-DNA interactions in chromatin by UV induced cross-linking and mass spectrometry**

Stützer *et al.*

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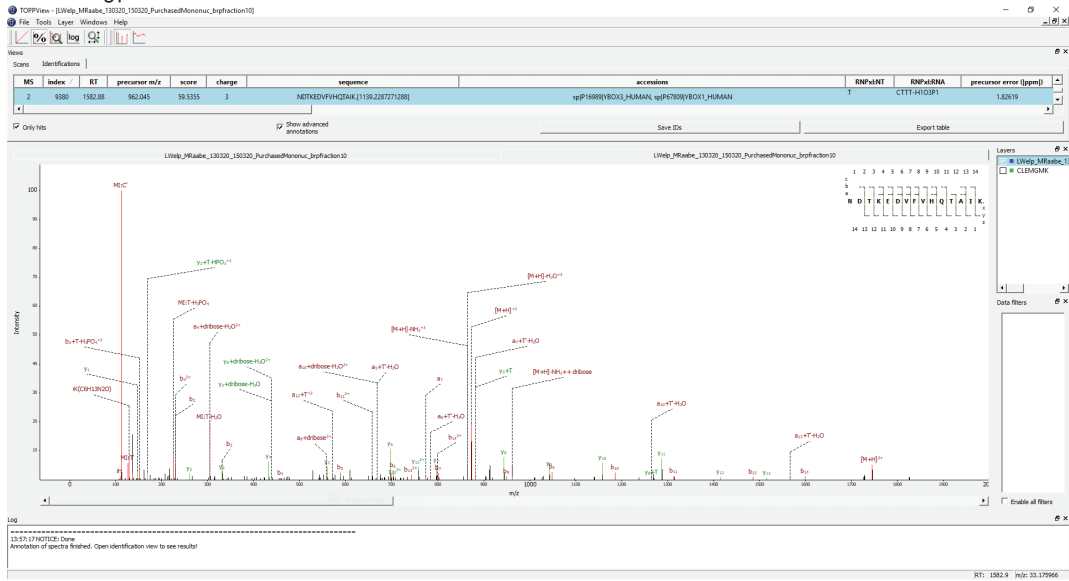
TOPPView MS/MS spectra of cross-linked proteins

in HeLa mononucleosomes

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# TOPPView spectra of cross-linked proteins in HeLa mononucleosomes

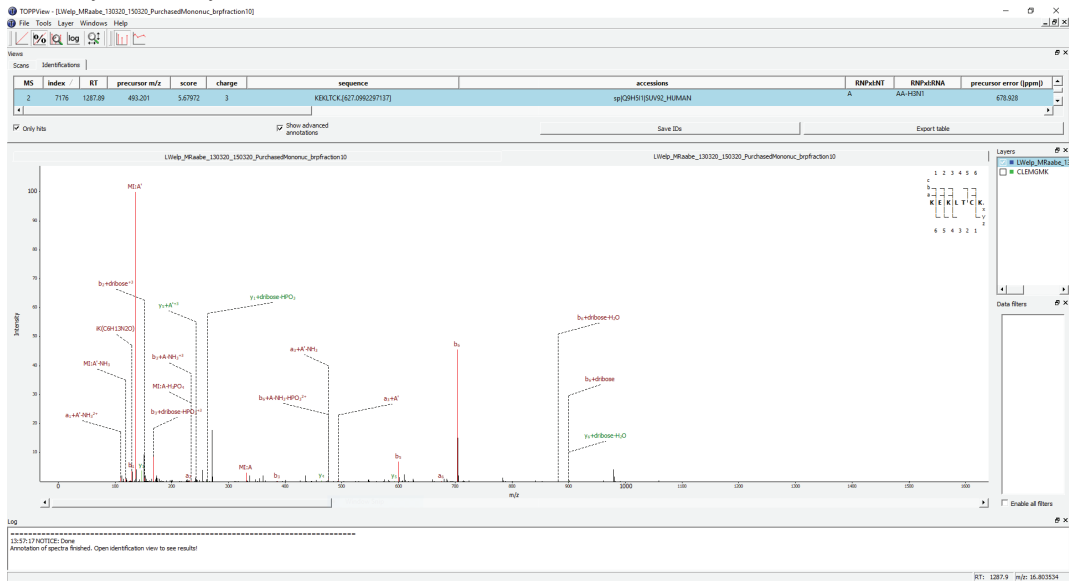
## 1) Y-box-binding protein 3



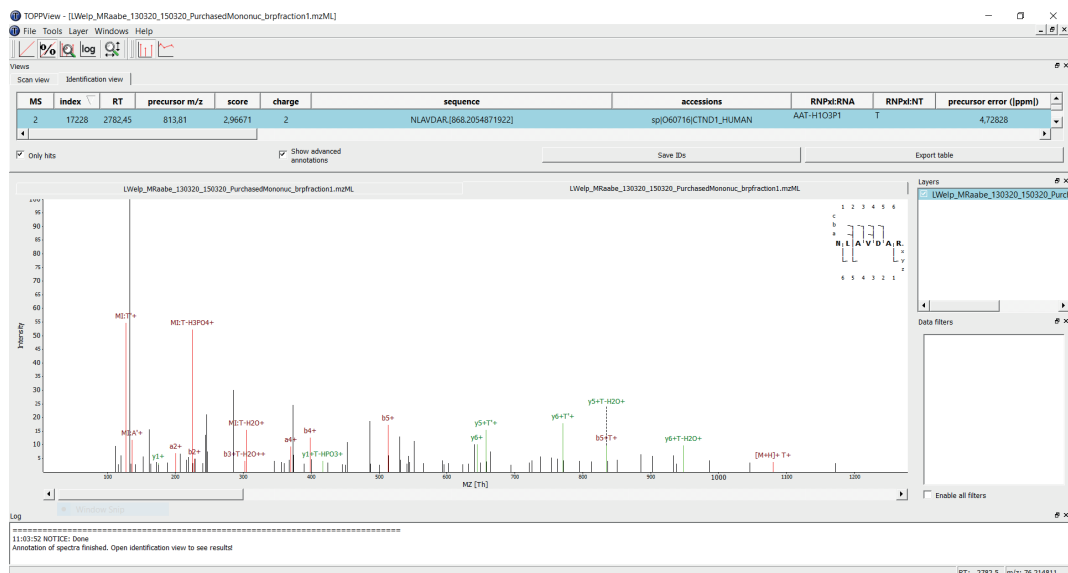
## 2) WD repeat-containing protein 46



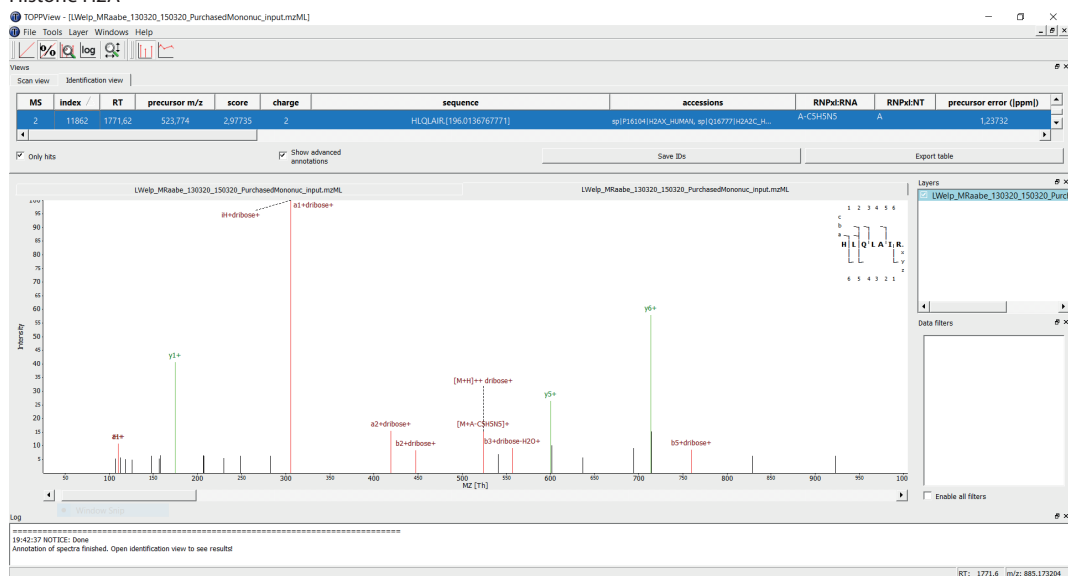
## 3) Histone-lysine N-methyltransferase SUV39H2



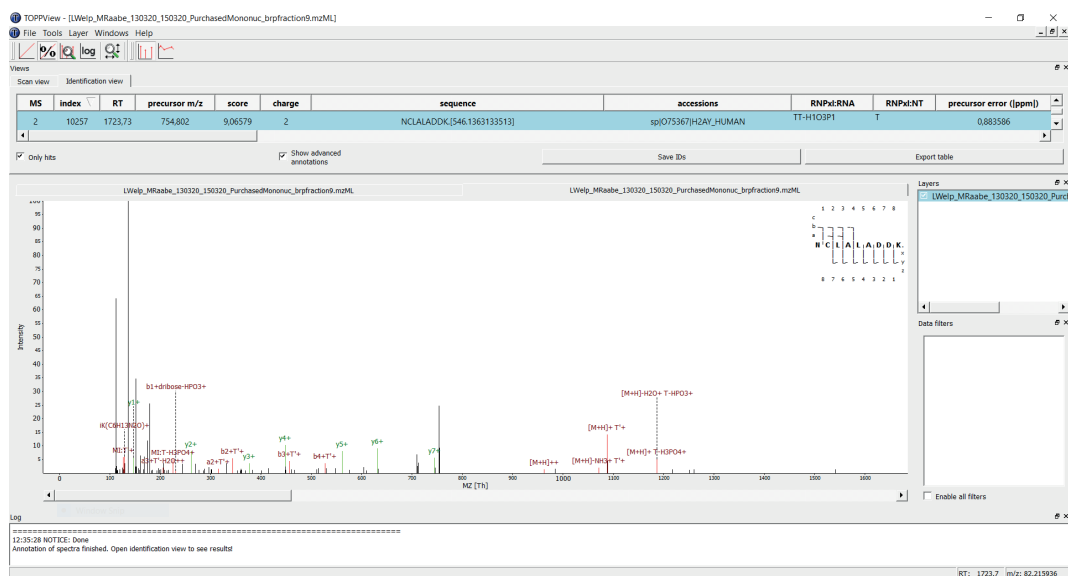
4)



5)



**6)**



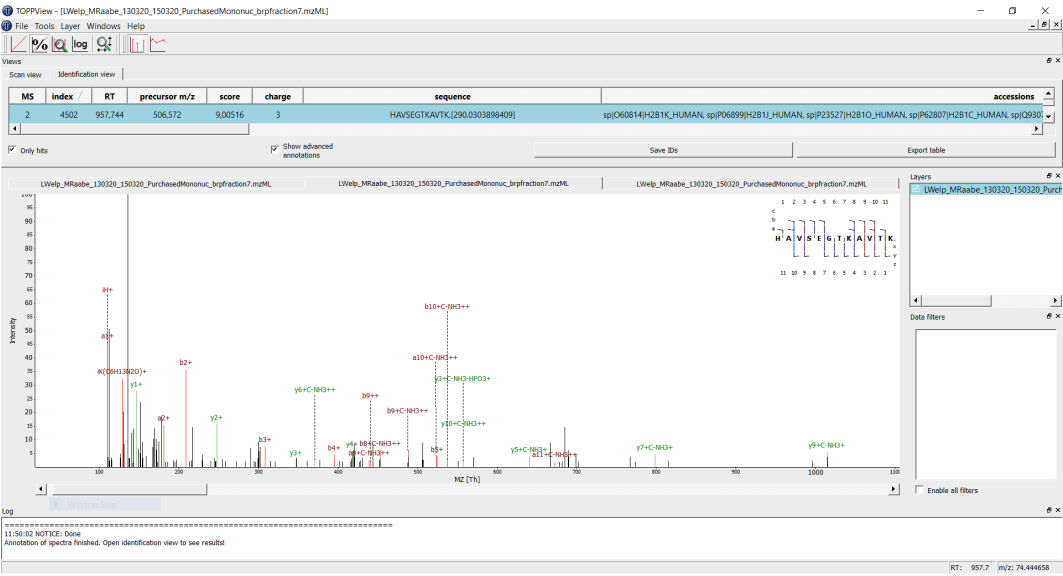
Histone H2A



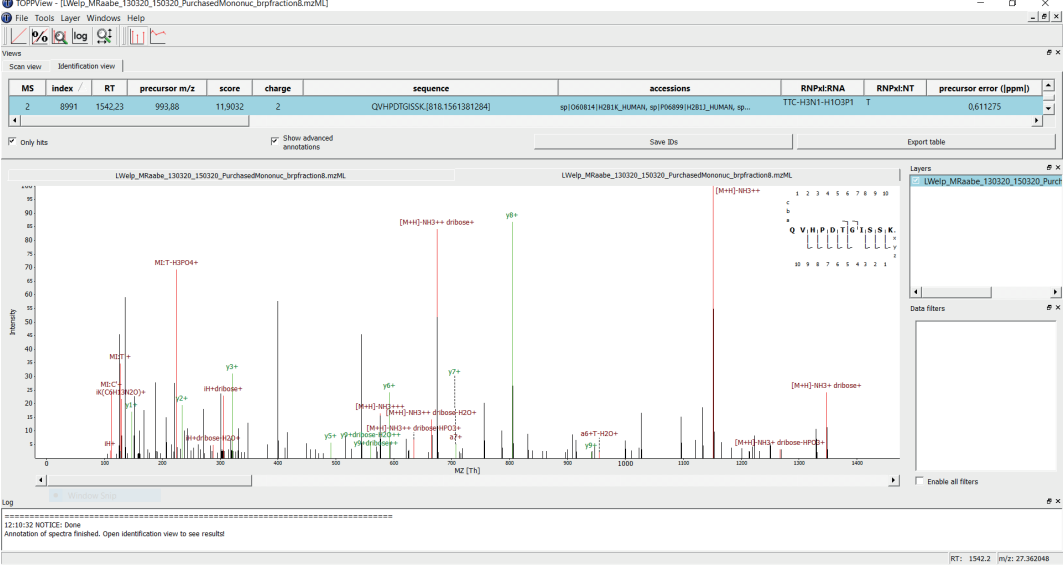
Histone H2B



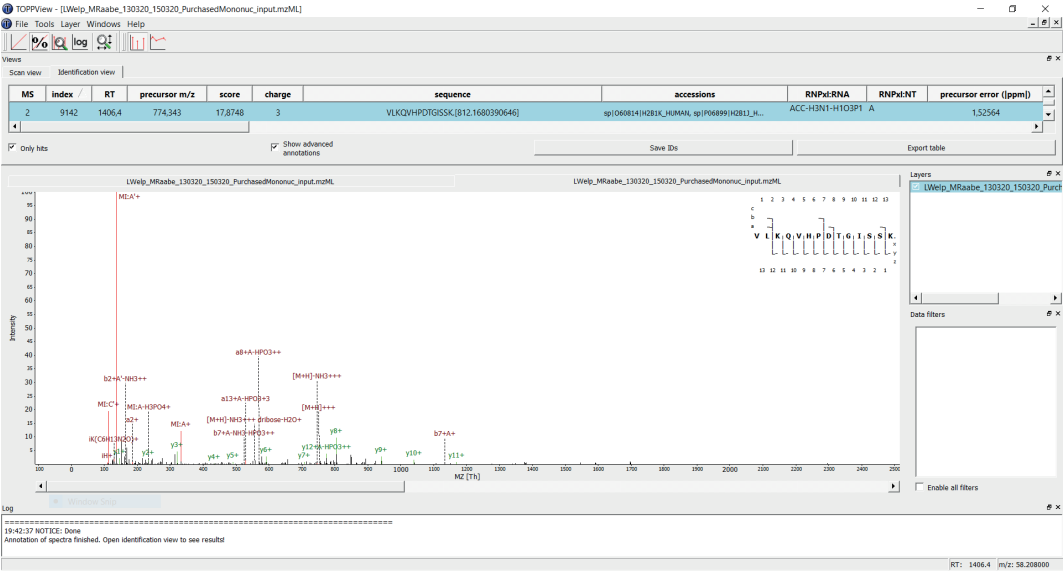
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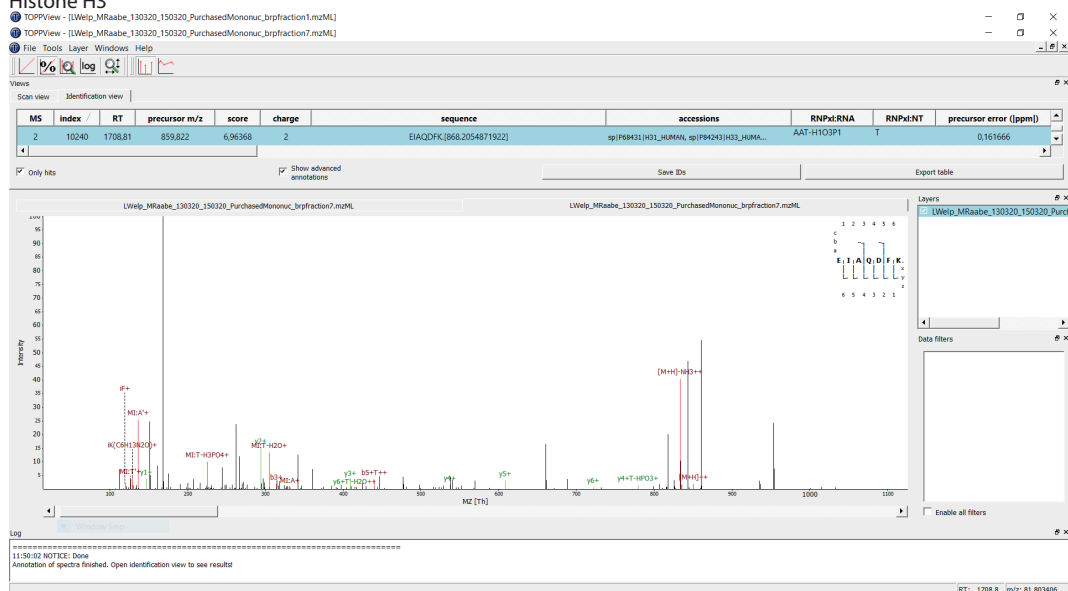
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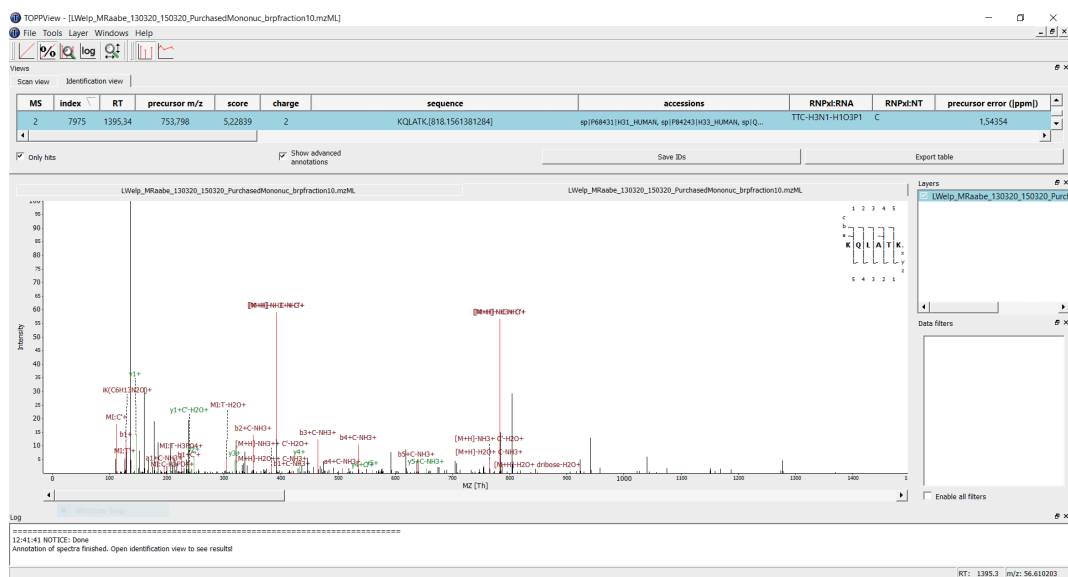
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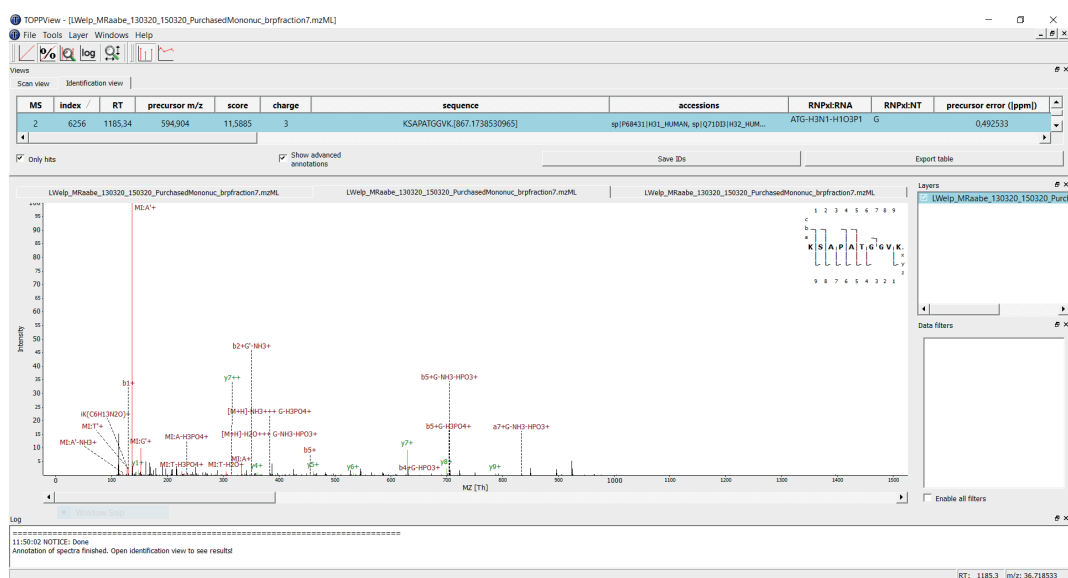
**13)** Histone H3



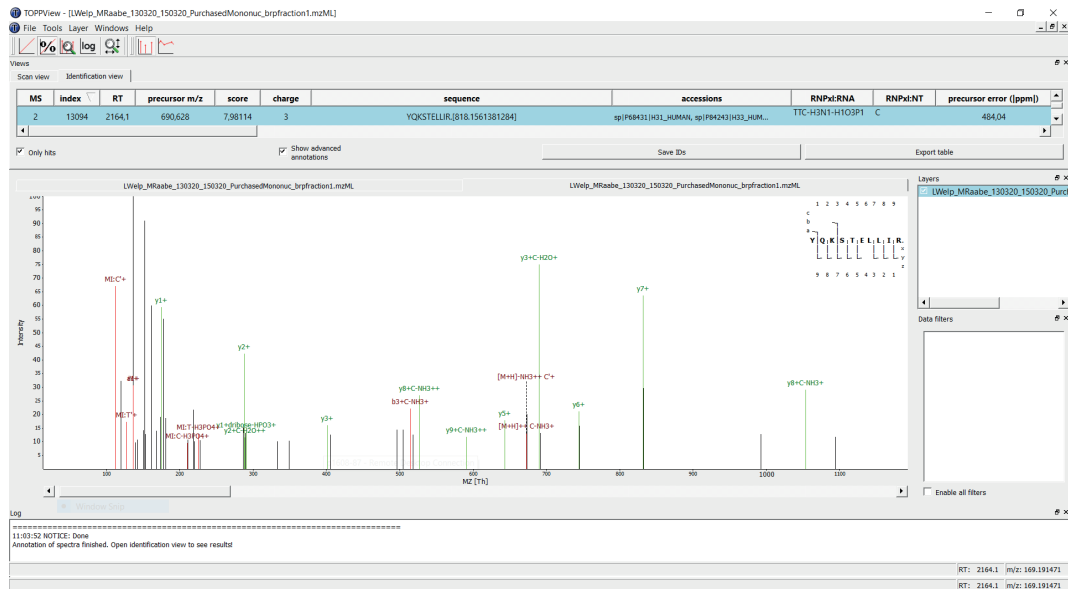
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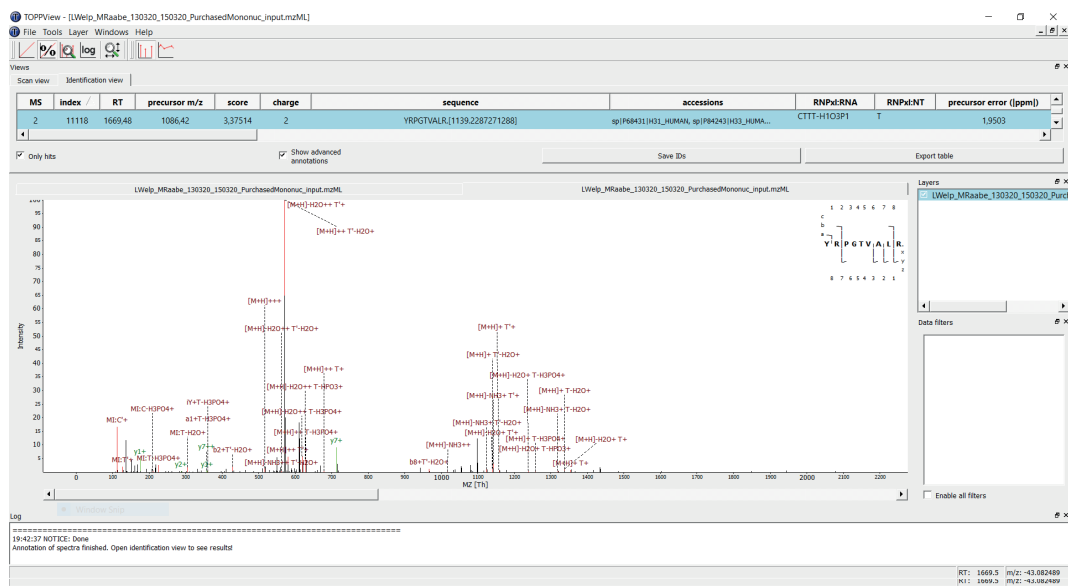
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16)

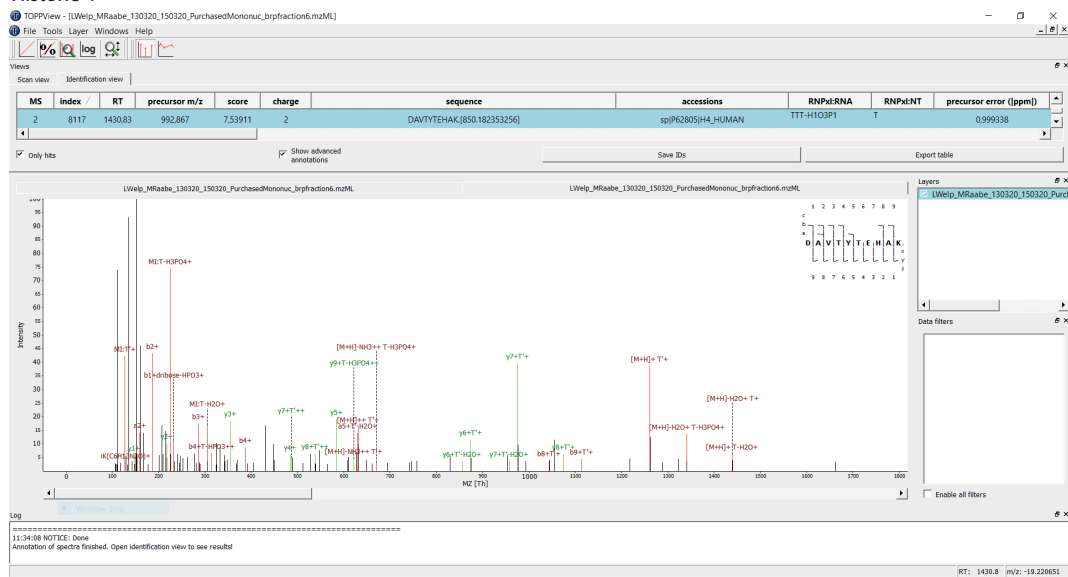


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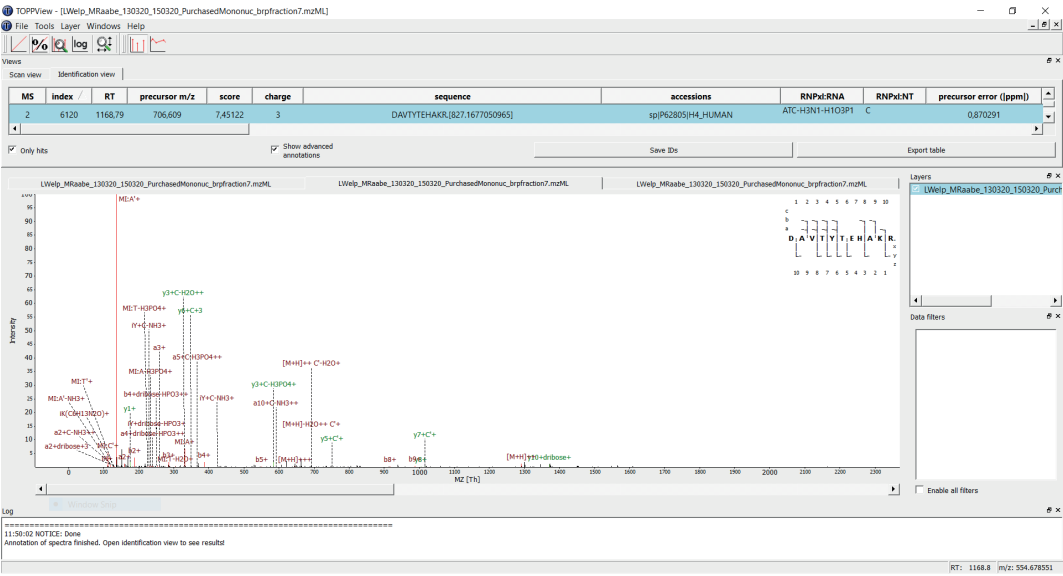


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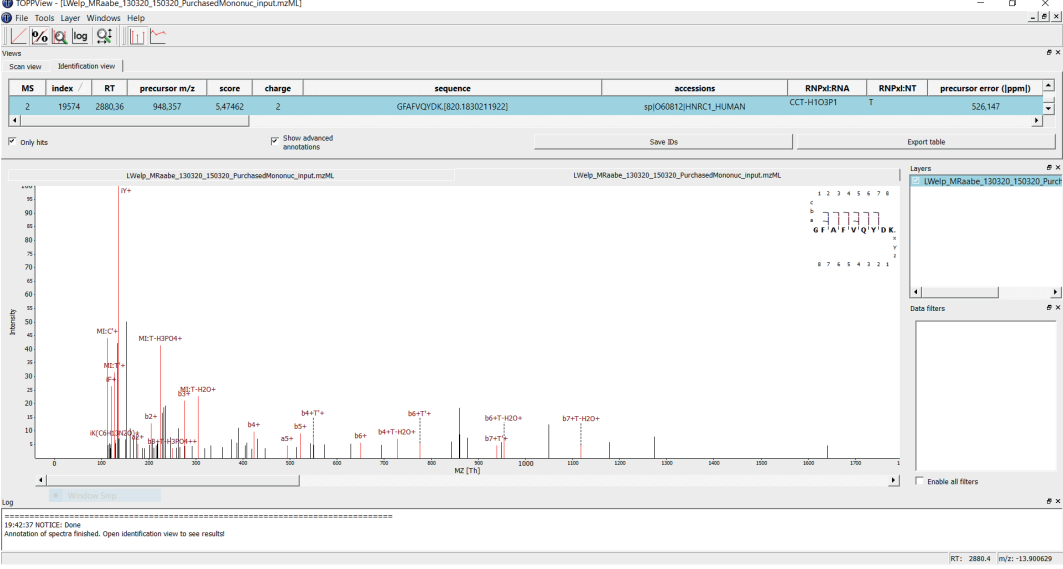
Histone 4



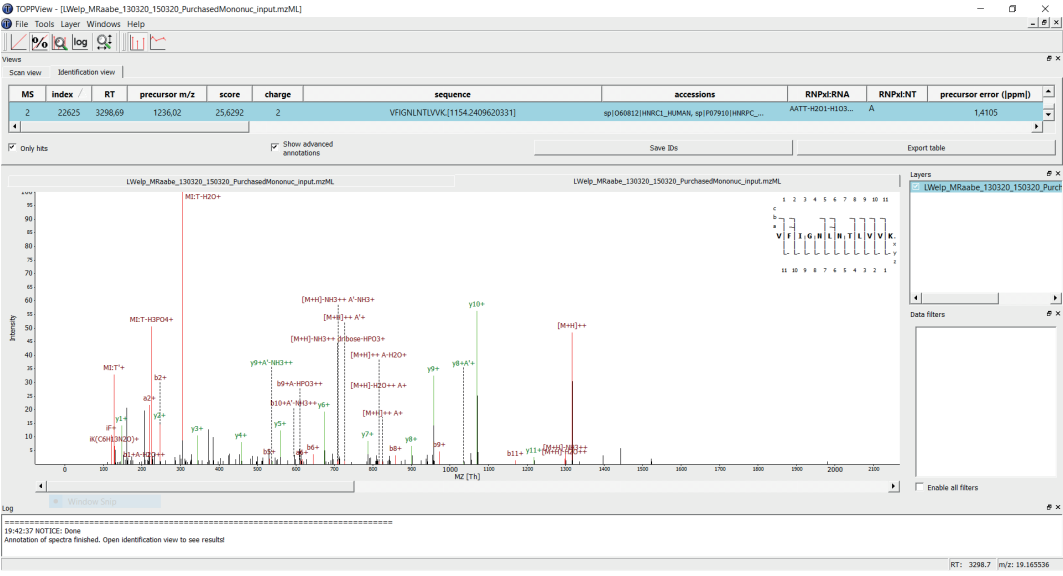
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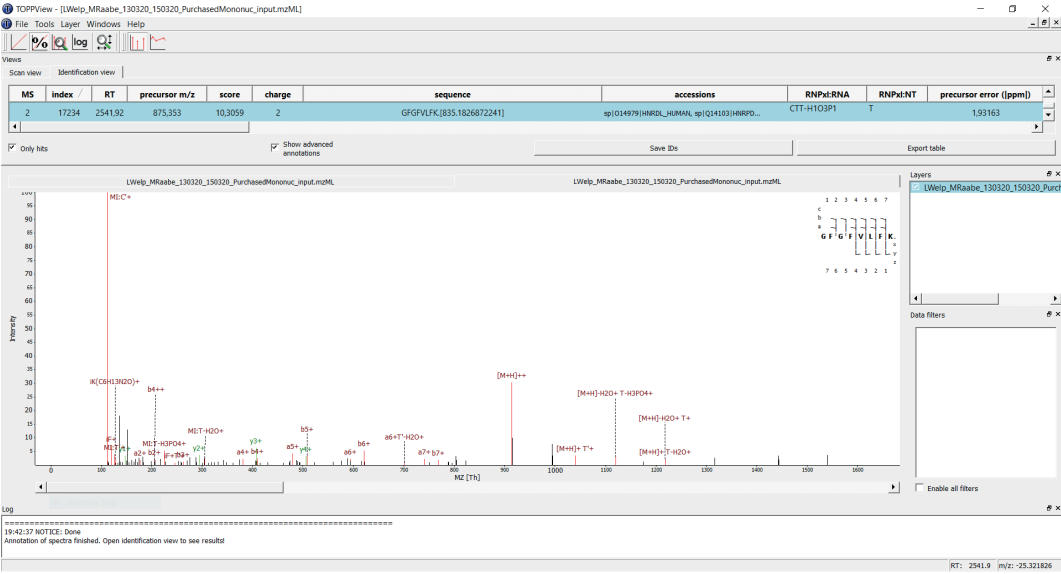
20) Heterogeneous nuclear ribonucleoprotein C-like 1



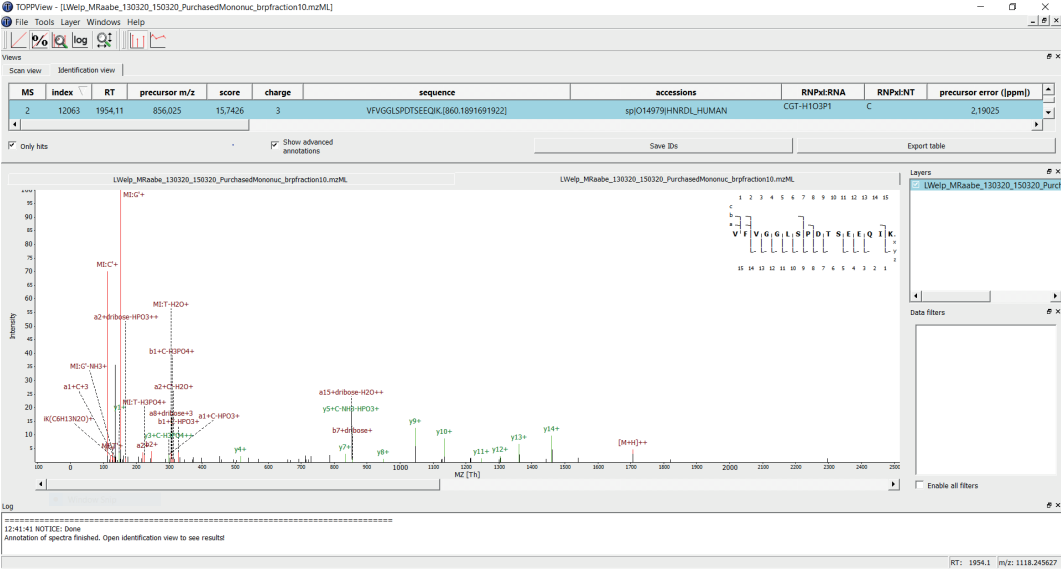
21)



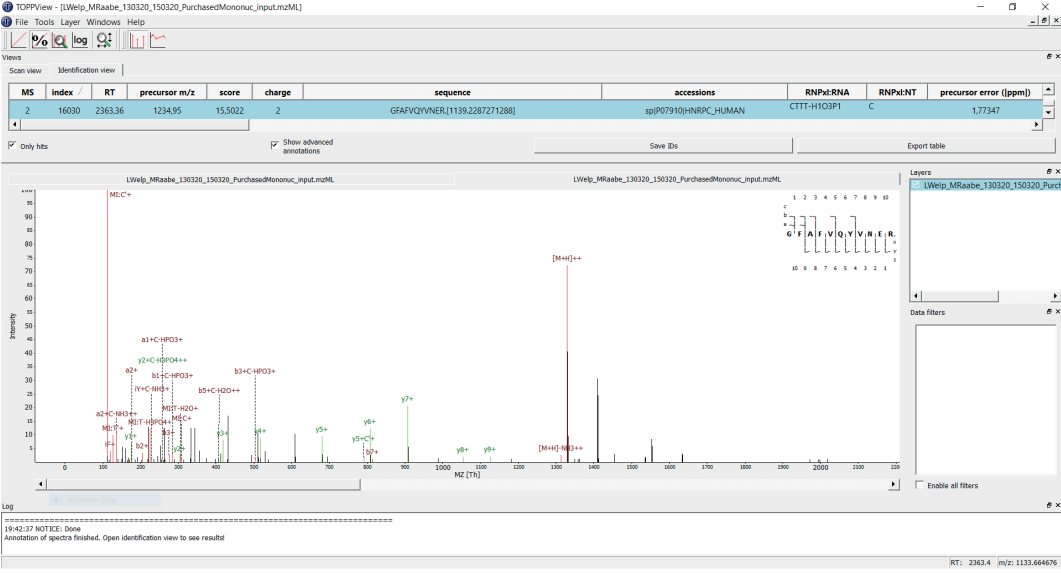
22) Heterogeneous nuclear ribonucleoprotein D-like



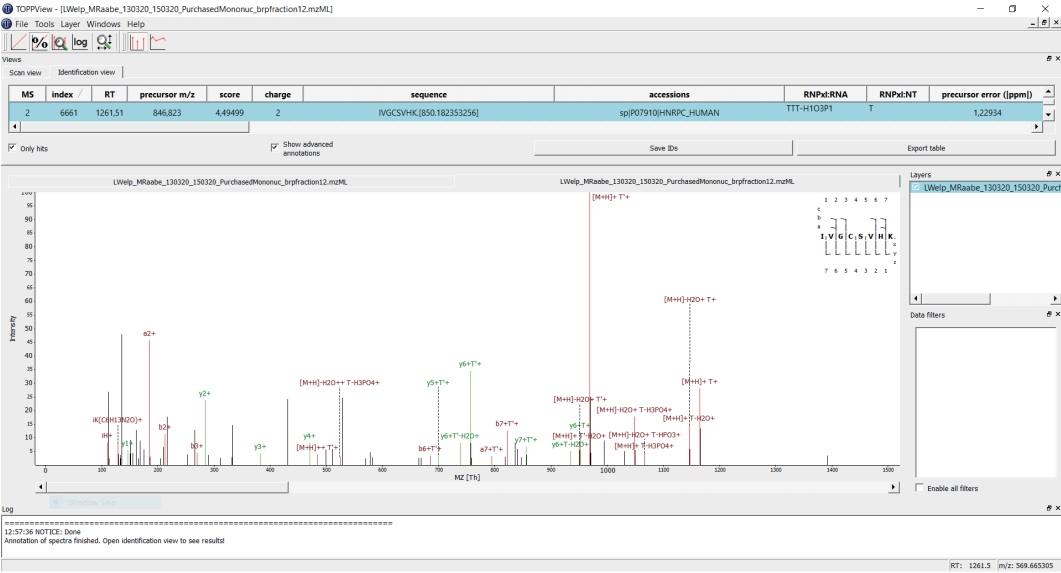
23)



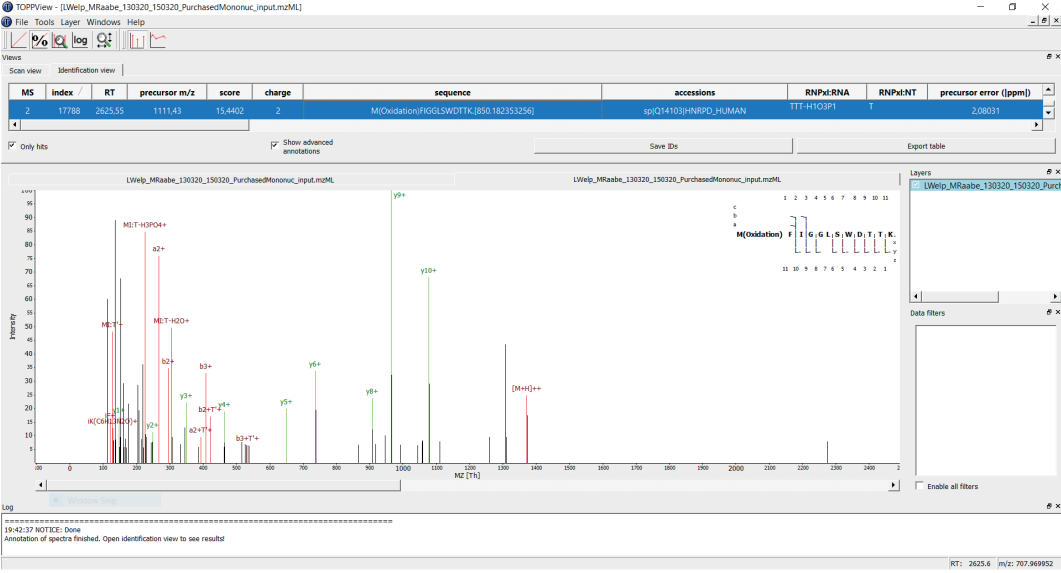
24) Heterogeneous nuclear ribonucleoproteins C1/C2



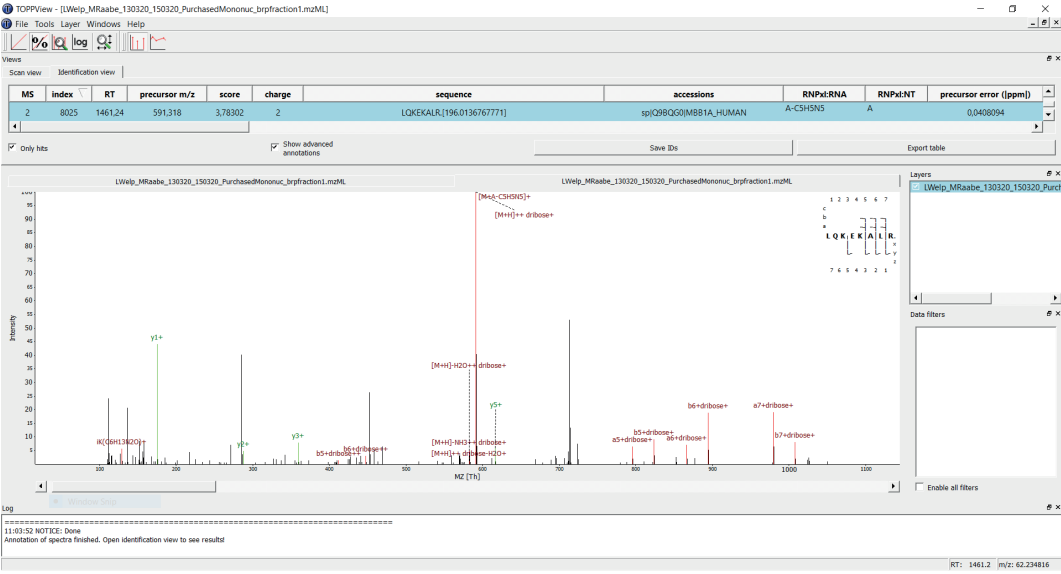
25)



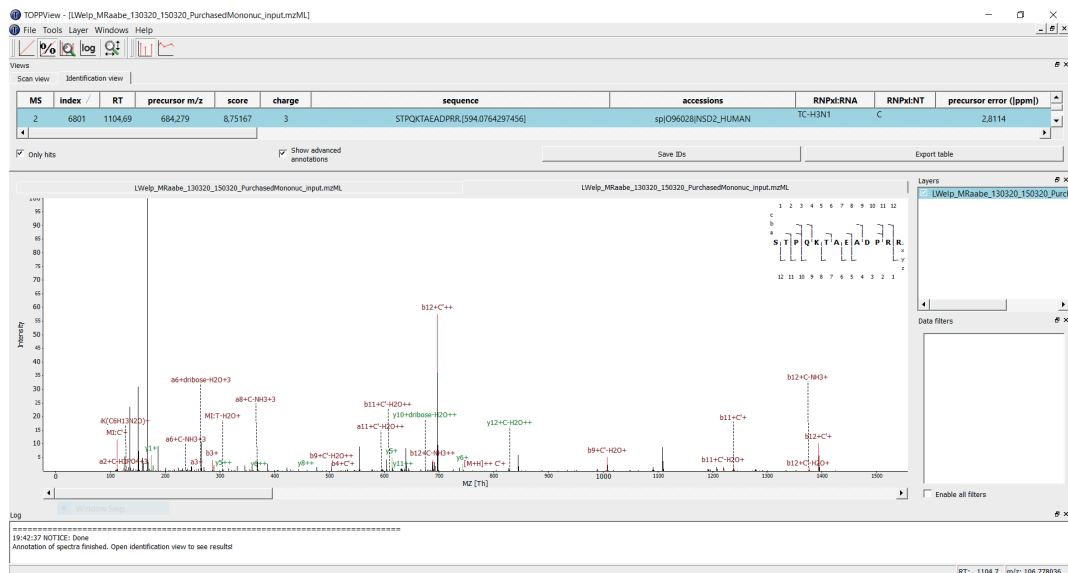
26) Heterogeneous nuclear ribonucleoprotein D0



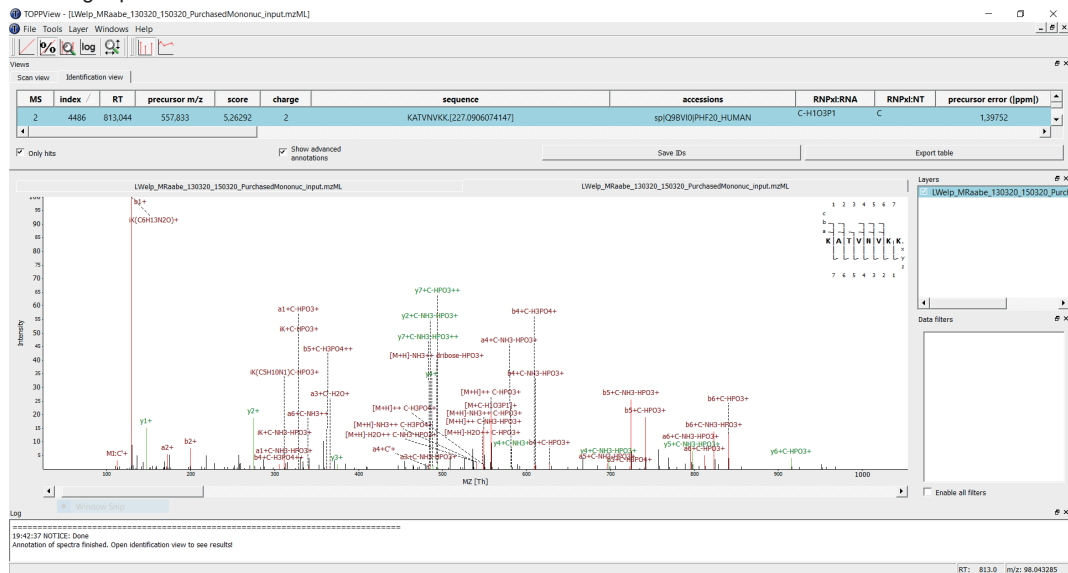
27) Myb-binding protein 1A



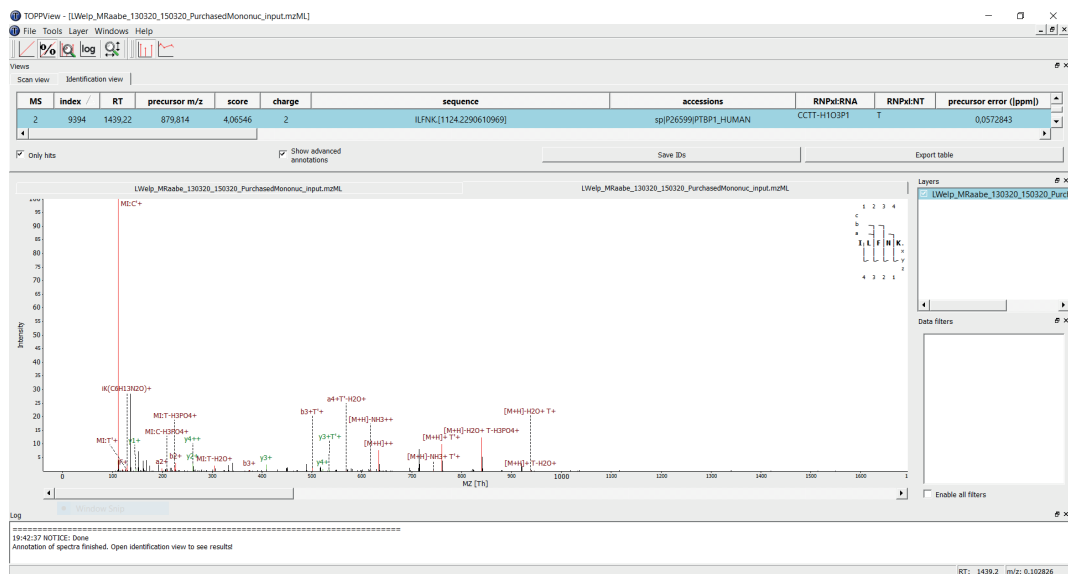
**28)** Histone-lysine N-methyltransferase NSD2



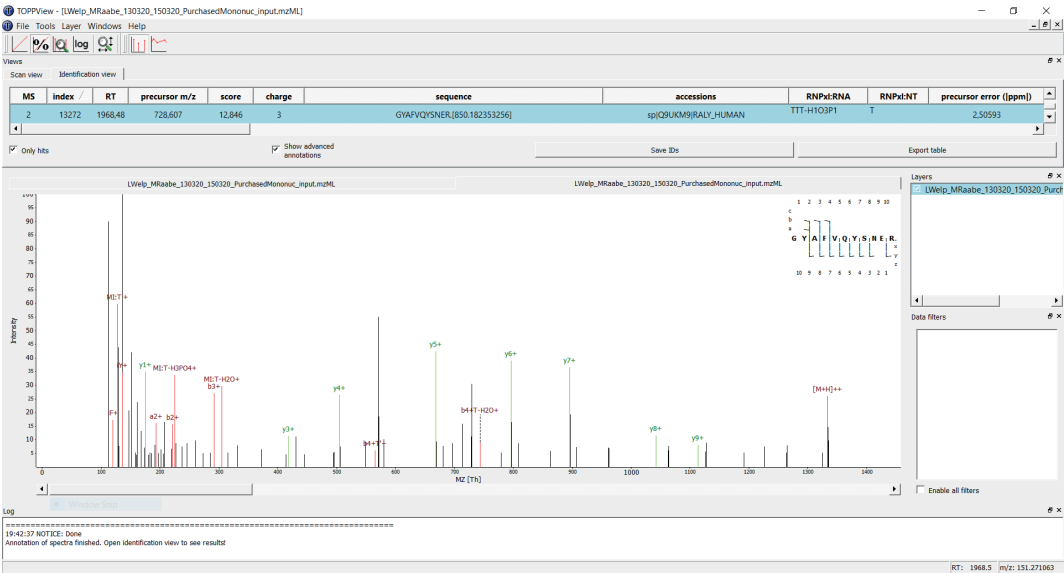
**29)** PHD finger protein 20



**30)** Polypyrimidine tract-binding protein 1



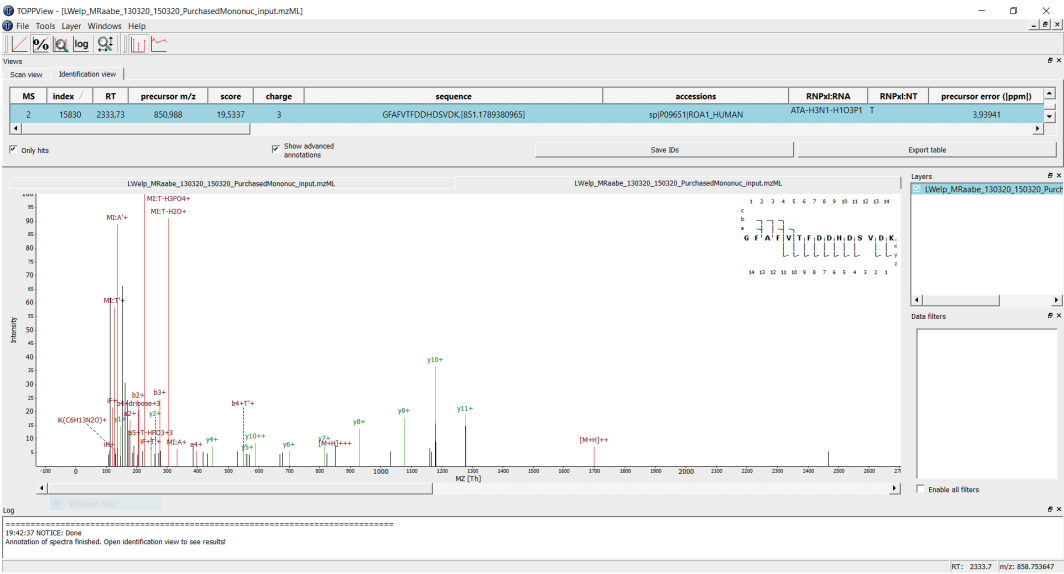
31) RNA-binding protein Raly



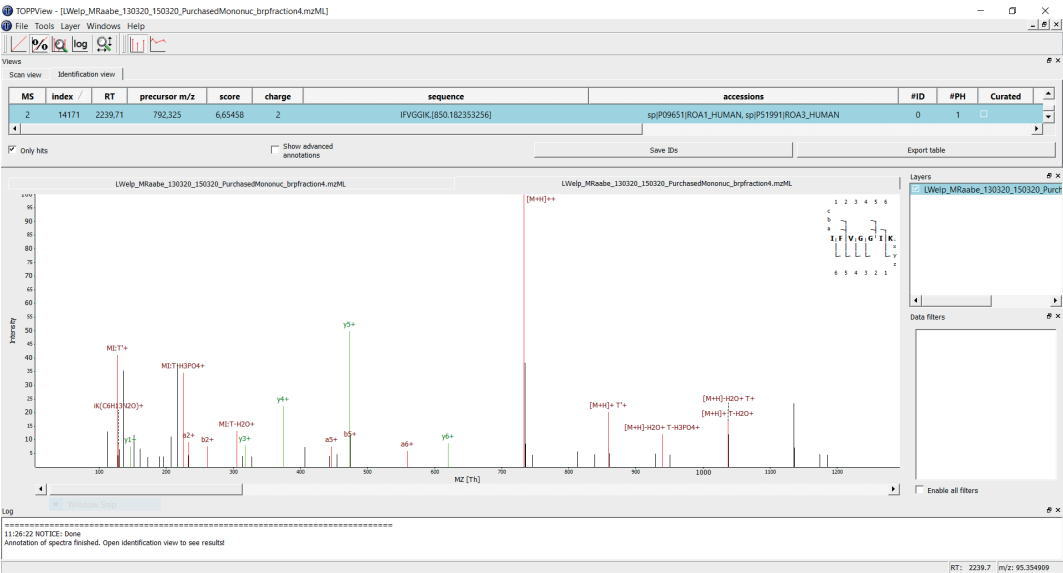
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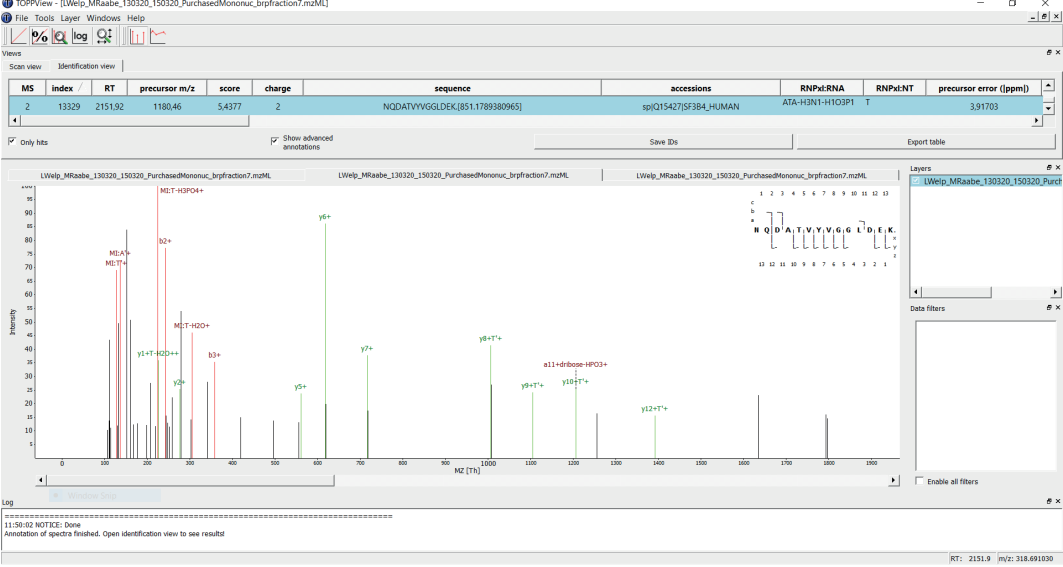
33) Heterogeneous nuclear ribonucleoprotein A1



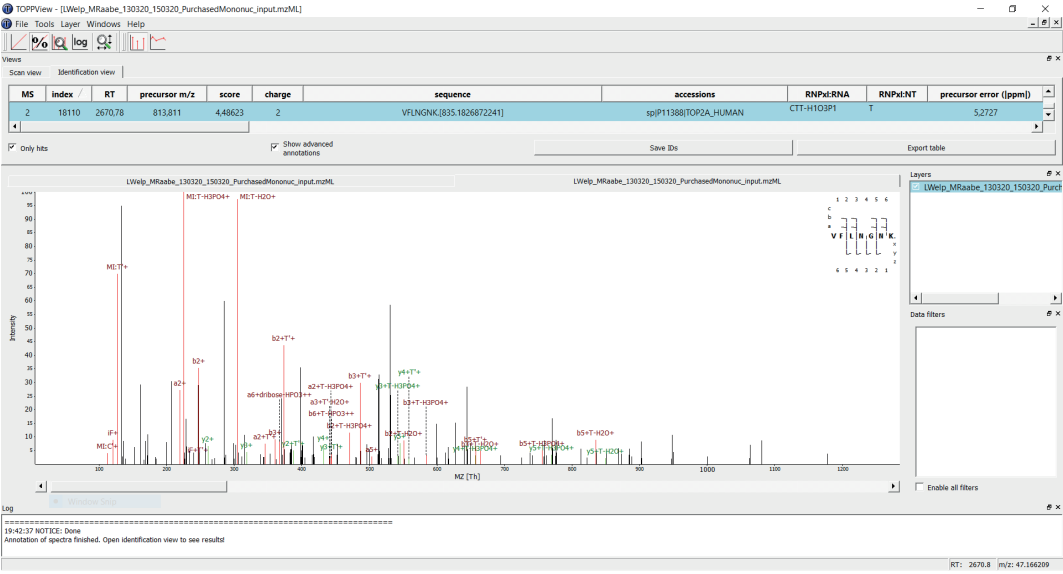
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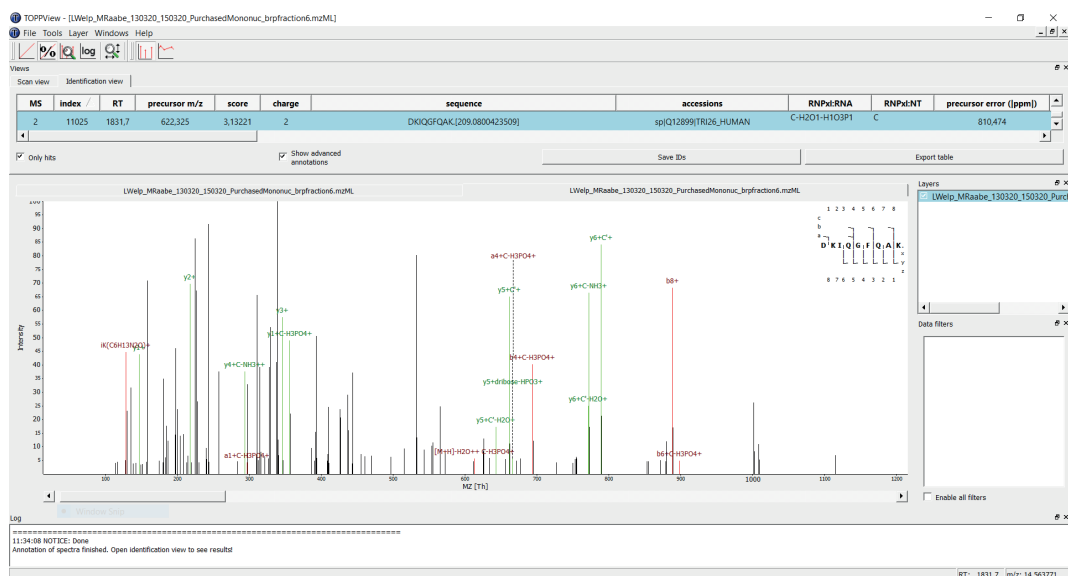
35) Splicing factor 3B subunit 4



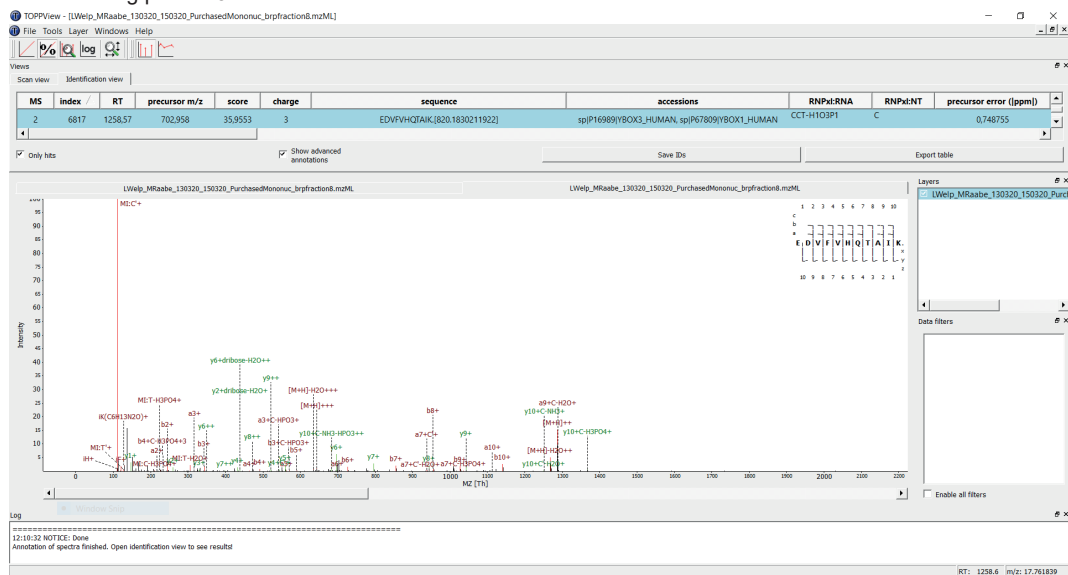
36) DNA topoisomerase 2-alpha



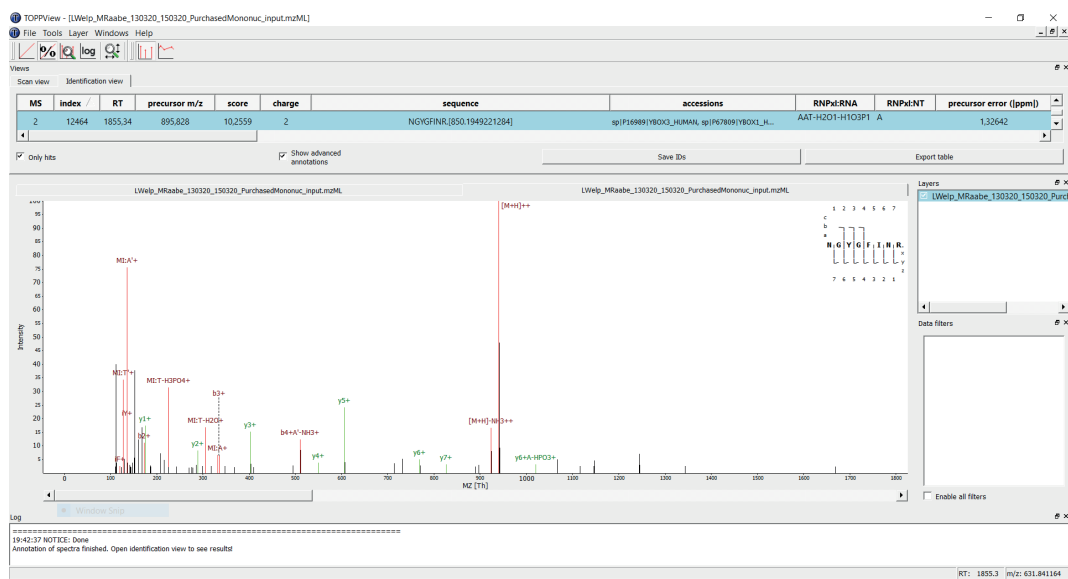
**37)** Tripartite motif-containing protein 26



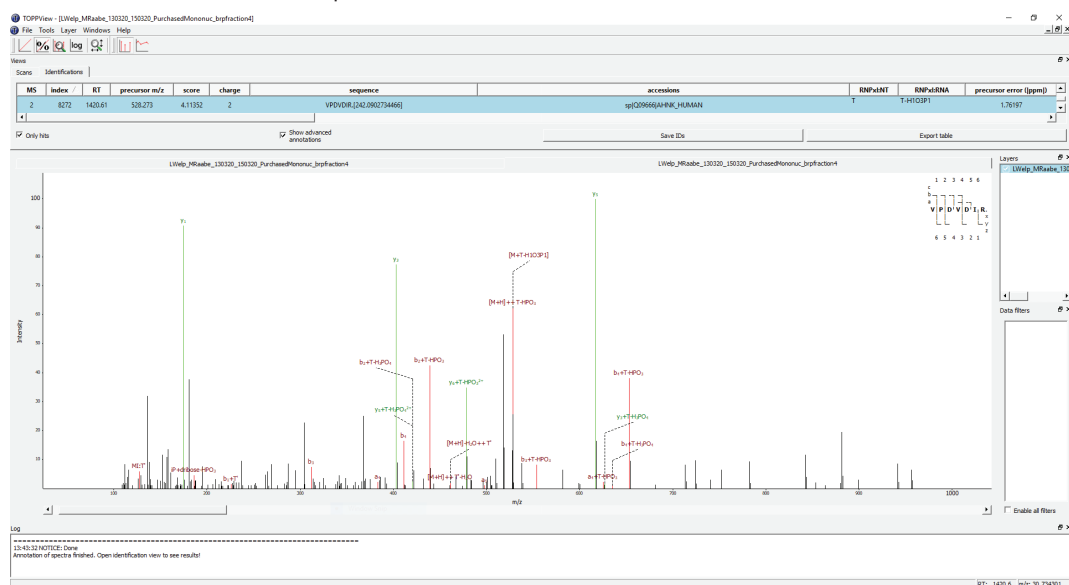
**38)** Y-box-binding protein 3



39)



**40)** Neuroblast differentiation-associated protein AHNAK



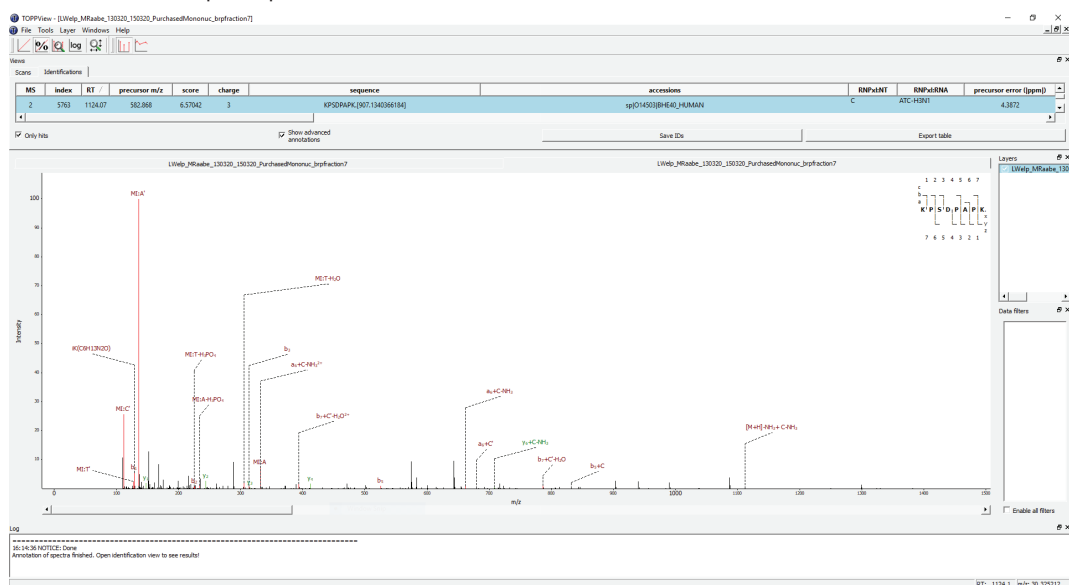
**41)** Protein arginine N-methyltransferase 5



**42)** Serine-protein kinase ATM



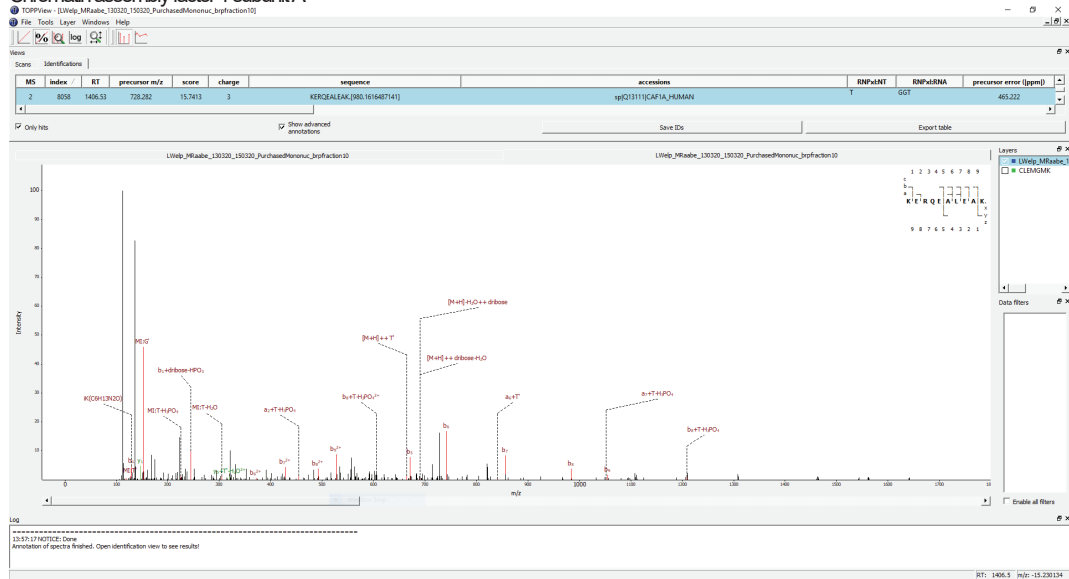
**43)** Class E basic helix-loop-helix protein 40



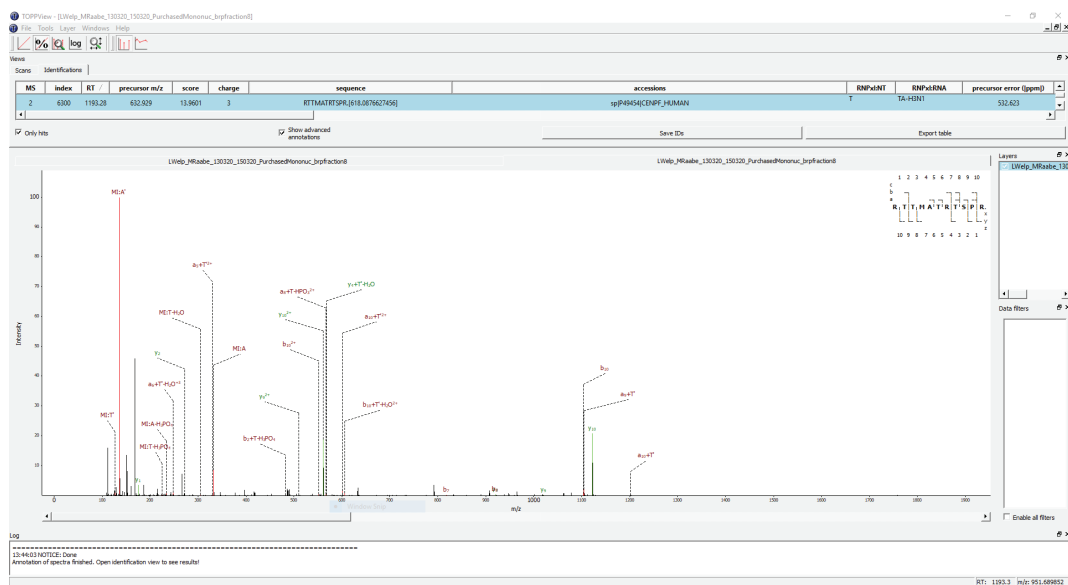
**44)** Bromodomain-containing protein 4



**45)** Chromatin assembly factor 1 subunit A



**46)** Centromere protein F



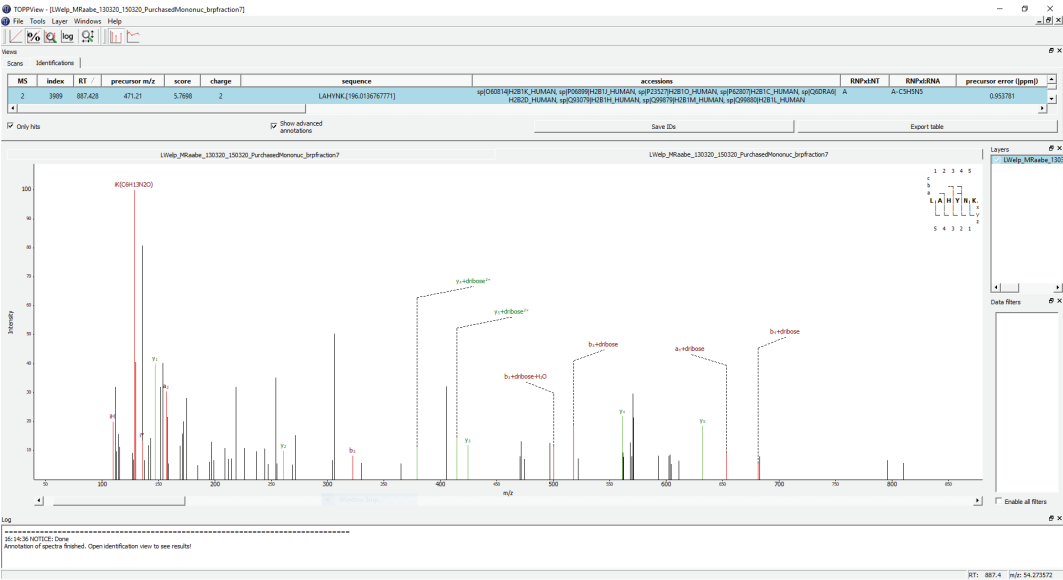
47) Histone H2B



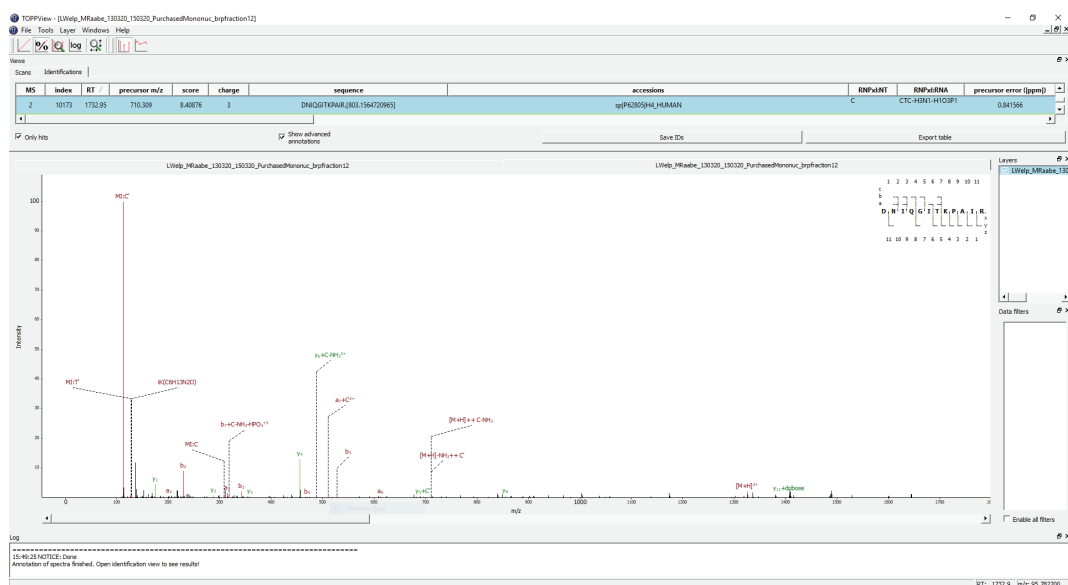
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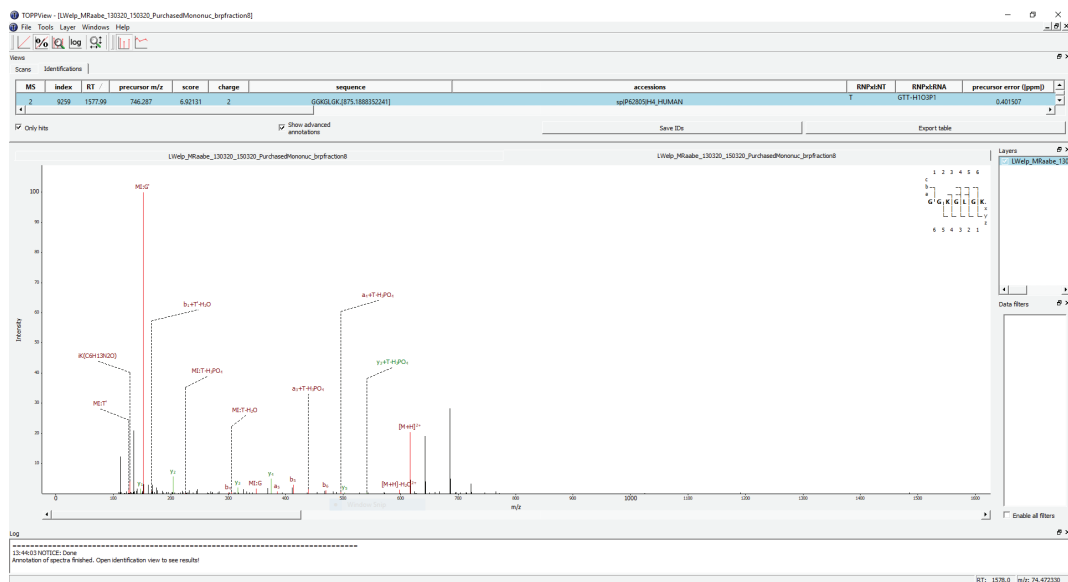
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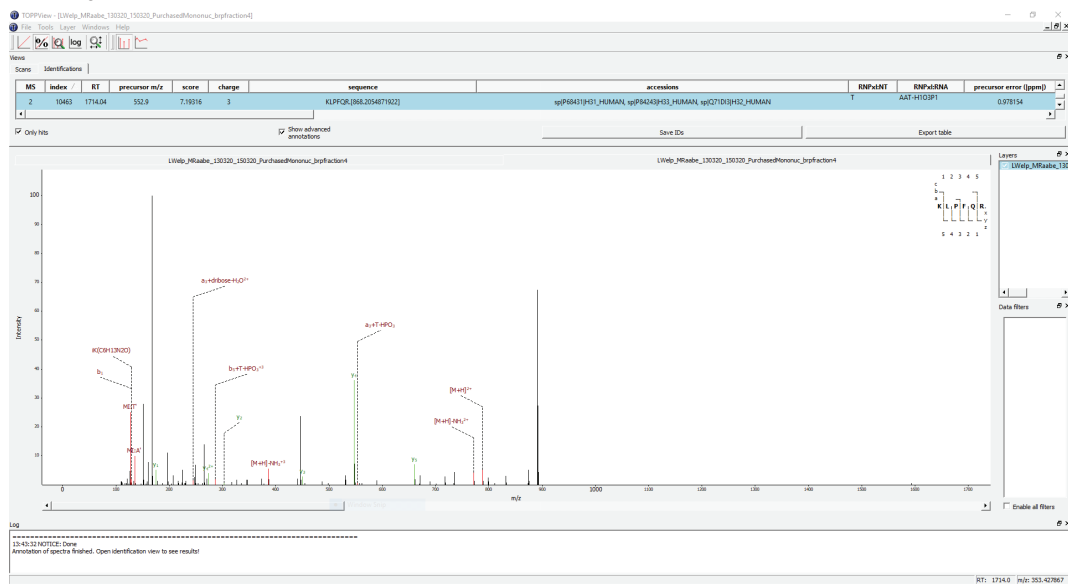
**52)** Histone H4



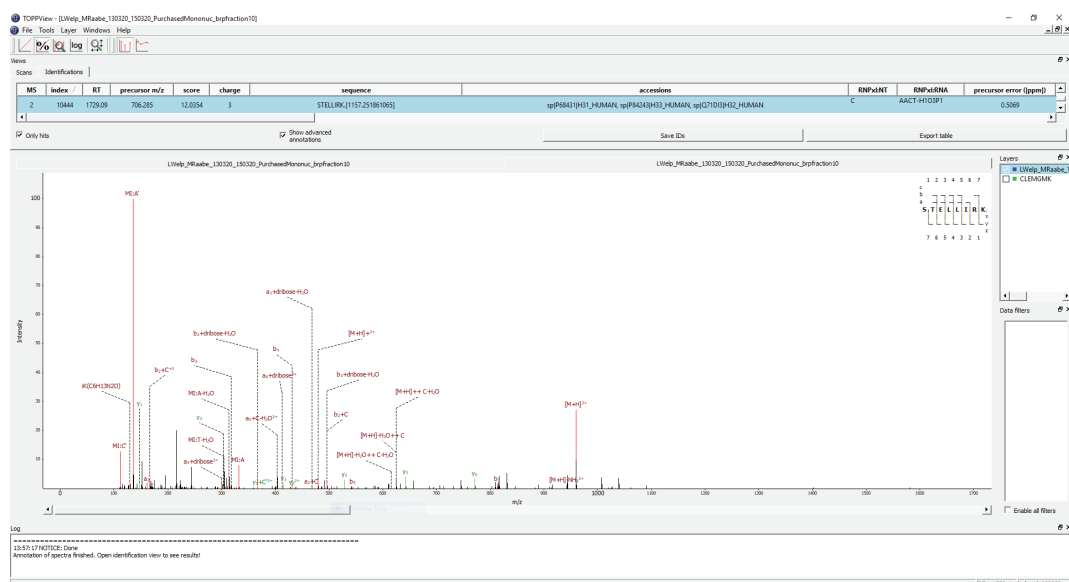
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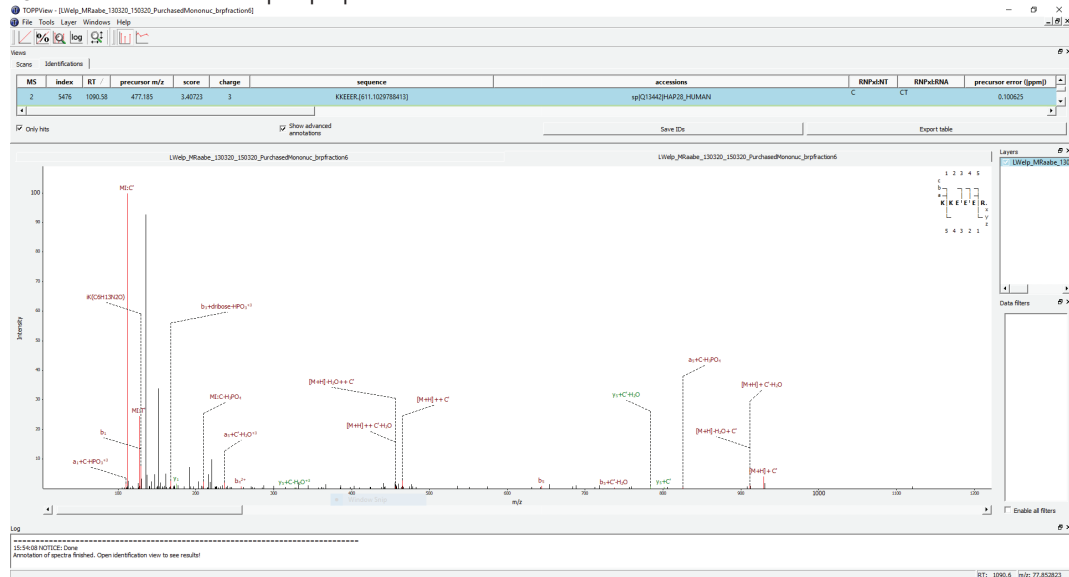
**54)** Histone H3



55)



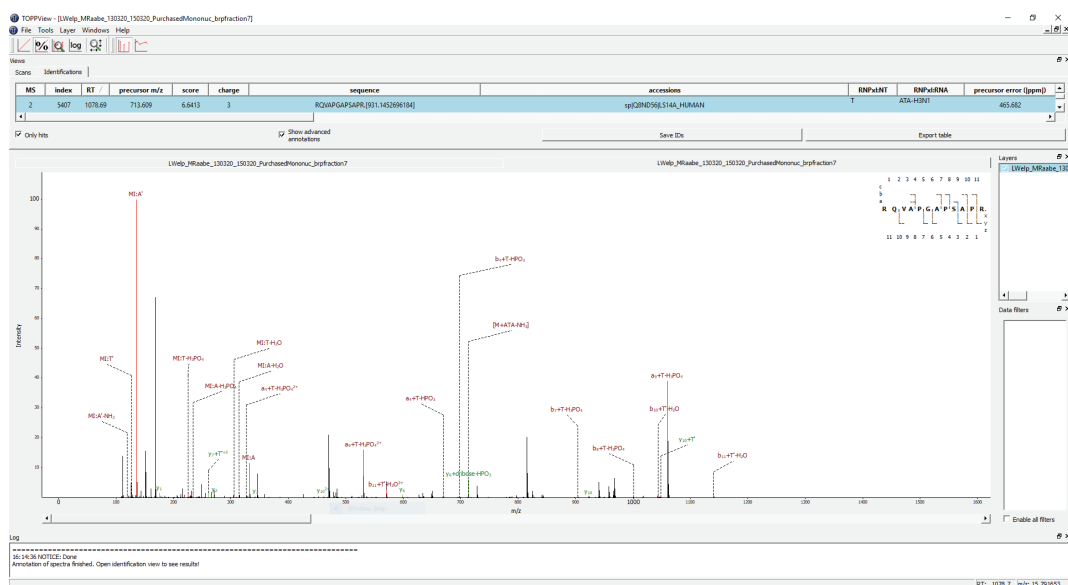
**56)** 28 kDa heat- and acid-stable phosphoprotein



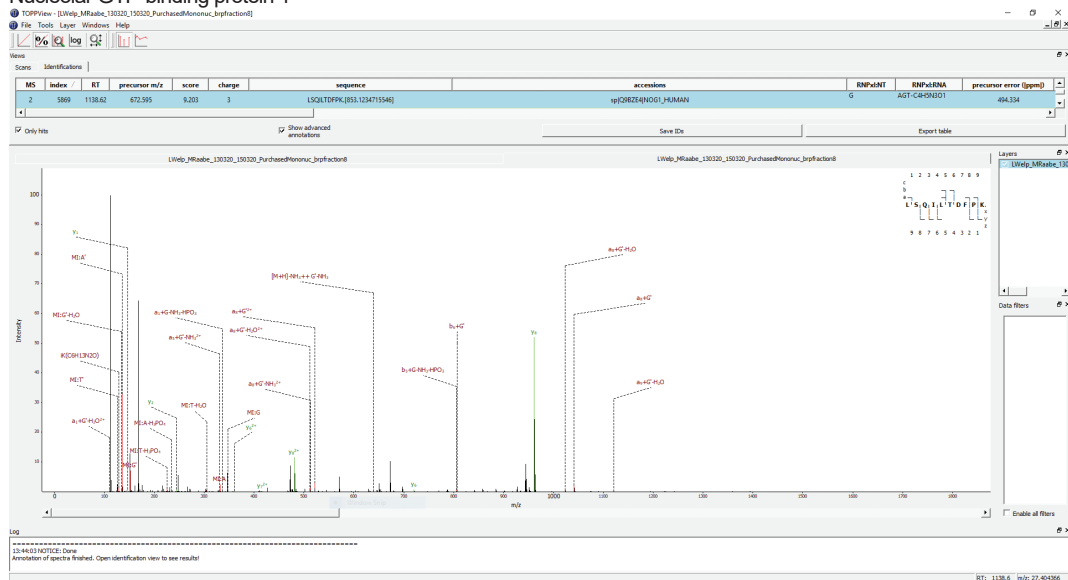
**57)** Putative RNA-binding protein Luc7-like 2



**58)** Protein LSM14 homolog A



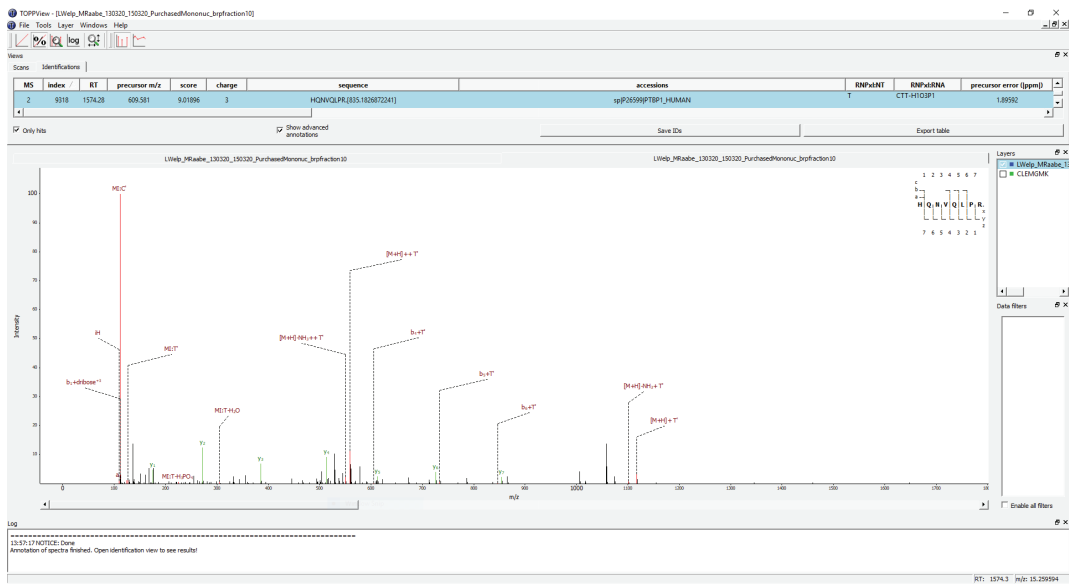
**59)** Nucleolar GTP-binding protein 1



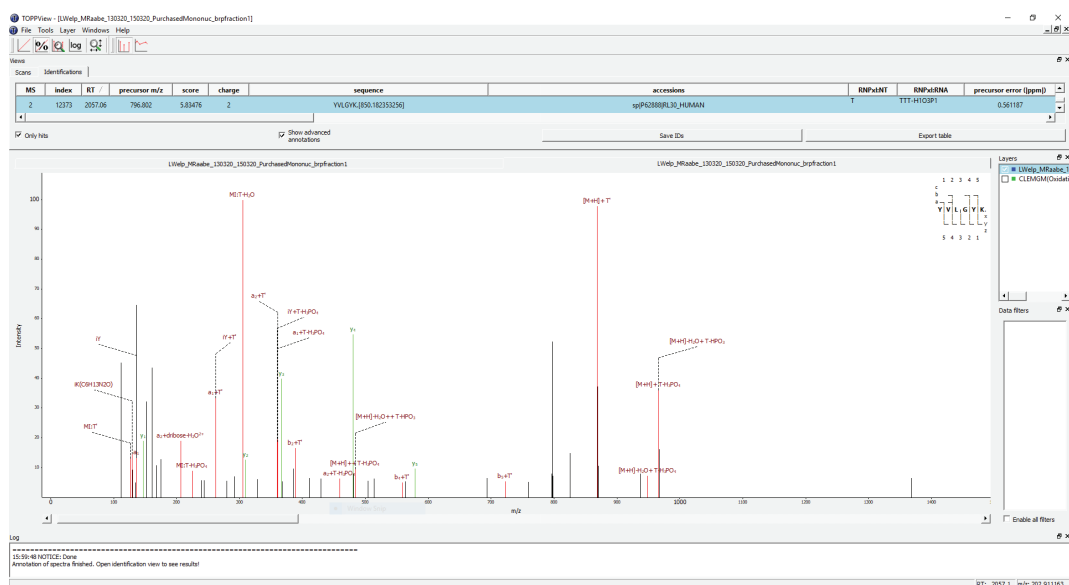
60)



61) Polypyrimidine tract-binding protein 1



**64)** 60S ribosomal protein L30



**65)** 40S ribosomal protein S28

