



Spectronaut[®]
powered by Pulsar

Spectronaut[®] 17

Release Notes

- Significantly improved identifications for library-free analysis via directDIA+
 - Up to 50% more precursor IDs for dia-PASEF compared to Spectronaut 16
 - Up to 50% more precursor IDs for Orbitrap-DIA compared to Spectronaut 16
 - Up to 100% more precursor IDs for IonTrap-DIA compared to Spectronaut 16
 - Up to 100% more precursor IDs for ZenoTOF-SWATH compared to Spectronaut 16
- Added FAST or DEEP option for directDIA+ processing
- Improved AI models for RT and IM prediction
- Support for 1F Slice dia-PASEF
- Improved scalability for heatmap rendering
- Improved protein inference on Gene level
- Updated .NET runtime to .NET6
- Added Run-level Protein Group PEP filter (Posterior Error Probability)