

NIST Mass spectral library of free oligosaccharides in milk from a wide variety of mammals

The Milk Oligosaccharides Mass Spectral Library is a free product for searching and browsing of oligosaccharides MS/MS spectra.

It includes: NIST MASS SPECTRAL SEARCH PROGRAM Version 2.0g for use with Microsoft(R) Windows (TM) **Milk Oligosaccharides MS library 2019** (12/12/2019).

System requirements: This MS search program is a 32-bit Unicode application and thus requires Windows XPSP3, Vista, 7, 8.X, 10. MS Search is compatible with MGF, DTA, and PKL formats, all common to proteomics workflows.

Instructions: To view, search and browse the library

1. Download and unzip the Milk Oligosaccharides MS Library.
2. Copy and paste the MS library to MSSEARCH folder of NIST 17.
3. Run the nistms.exe for searching and browsing the oligosaccharides fragmentation library.
4. To search milk oligosaccharides spectra, go to "names" and type "2'-Fucosyllactose" in the search bar. See example below

