



## NIST 2020 MS/MS Mass Spectral Library

NIST

June 2020

---

### NIST Tandem MS Library

This library consists of four sub-libraries with a total of 1,320,389 spectra of 185,608 ions for 30,999 compounds (>2x increase) including spectra for both positive and negative charge states, with fragmentation in both ion trap (at multiple msn levels) and in beam-type collision cells (over a range of energies):

- Small Molecule High Resolution MS/MS Library (1,026,712 spectra of 94,472 ions of 27,840 compounds)
- Small Molecule Low Resolution MS/MS Library (215,649 spectra of 163,512 ions of 28,559 compounds)
- Small Molecule APCI High Resolution MS/MS Library (3,555 spectra of 605 ions of 246 compounds)
- Biological Peptide MS/MS Library (90,244 spectra of 6,803 ions of 1,904 compounds)

**The NIST 2020 MS/MS Library contains all MS/MS data from the full edition of the NIST 2020 Mass Spectral Libraries:**

NIST20SMS            NIST 2020 MS/MS Mass Spectral Library, Single User

This item includes the library in NIST format. Please note that the library is also available in various other formats, e.g. MassLib, ChemStation, etc. Please contact us for a quote.

**Contact: MSP Kofel +41 31 972 31 52 info@msp.ch**