

# Resource Summary Report

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## MassBank of North America

RRID:SCR\_015536

Type: Tool

### Proper Citation

MassBank of North America (RRID:SCR\_015536)

### Resource Information

**URL:** <http://mona.fiehnlab.ucdavis.edu>

**Proper Citation:** MassBank of North America (RRID:SCR\_015536)

**Description:** Metadata-centric, auto-curating repository designed for storage and querying of mass spectral records. It contains metabolite mass spectra, metadata and associated compounds.

**Abbreviations:** MoNA

**Synonyms:** MassBank of North America (MoNA)

**Resource Type:** database, data or information resource

**Keywords:** mass spectrometry, ms database, mass spectrometry database, mass spectral records, FASEB list

**Availability:** Available for download, The scientific community can contribute to this resource

**Resource Name:** MassBank of North America

**Resource ID:** SCR\_015536

**Alternate IDs:** r3d100012318

**Alternate URLs:** <https://doi.org/10.17616/R3ND3Z>

**Record Creation Time:** 20220129T080326+0000

**Record Last Update:** 20260808T190438+0000

### Ratings and Alerts

No rating or validation information has been found for MassBank of North America.

No alerts have been found for MassBank of North America.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 332 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [RRID](#) .

Rutz A, et al. (2026) MultiMS2: A curated multi-modal, multi-energy spectral library for metabolomics. *GigaScience*, 15.

Xu XY, et al. (2026) Screening, identification and detection of the regulated and emerging mycotoxins in edible and medicinal products by integrating diversiform liquid chromatography/mass spectrometry systems and high-throughput sequencing of contaminated fungi. *Journal of advanced research*, 79, 891.

Gu S, et al. (2026) Stevioside curbs *Streptococcus pneumoniae* infection via inhibiting capsule biosynthesis. *Communications biology*, 9(1), 49.

Delgado-Povedano MDM, et al. (2026) Untargeted Metabolomics Profiling of a PFAS-Exposed Flemish Population. *Metabolites*, 16(2).

Lei K, et al. (2026) Mixed fermentation improved apple juice quality: juice characteristics and mechanism. *Frontiers in nutrition*, 13, 1730713.

Wintersohle C, et al. (2026) Dynamics in the polyphenolic profile of sprouted mung bean (*Vigna radiata* L.): Impact of short-term germination and dehulling. *Food chemistry: X*, 35, 103820.

Zhou Q, et al. (2026) Cross-Kingdom Synthetic Microbiota Suppresses Wheat Fusarium Crown Rot by Remodeling the Rhizosphere Microbiome and Metabolome. *Journal of agricultural and food chemistry*, 74(2), 2418.

Castro-Saavedra S, et al. (2026) Molecular docking and experimental evaluation of natural alkaloids from Chilean flora (*Cryptocarya alba*, *Peumus boldus*, and *Laurelia sempervirens*) for tyrosinase inhibition and depigmenting potential. *Frontiers in pharmacology*, 17, 1795496.

Ikuejamoye-Omotore SJ, et al. (2026) *Haemonchus contortus* infection alters parasitological, hematological, and colostrum profiles with metabolomic and lipidomic signatures in Florida cracker ewes during the peripartum period. *Frontiers in veterinary science*, 13, 1770252.

Tran TTT, et al. (2026) Metagenomic and metabolomic analyses of fecal samples from civet-digested coffee in Vietnam. *PeerJ*, 14, e21262.

Chi Y, et al. (2026) Assessing the metabolomics "dark matter" by a detectable khipu model. *Metabolomics : Official journal of the Metabolomic Society*, 22(3).

Yue Y, et al. (2026) Study on the mechanism of action of Kangfuxin liquid in alleviating DSS-induced ulcerative colitis in mice. *Frontiers in pharmacology*, 17, 1823526.

Wang Y, et al. (2026) Enhancement of Disease Resistance in Pengze Crucian Carp (*Carassius auratus* var. Pengze) by Carvacrol Through Modulation of Intestinal Microbiota and Serum Metabolism. *Metabolites*, 16(3).

Yang J, et al. (2026) Maternal metabolic signatures at early gestation associated with birth weight and neurodevelopment in early childhood. *Communications medicine*, 6(1).

Chakraborty K, et al. (2026) Targeting glycerophospholipid biosynthesis overcomes chemoresistance driven by SLFN11 loss in Ewing sarcoma. *Cell death & disease*, 17(1), 190.

Song Y, et al. (2026) Comparative Analysis of Physiological and Biochemical Responses Between Compatible and Incompatible Graft Combinations of *Cyclocarya paliurus*. *Plants (Basel, Switzerland)*, 15(10).

Hirata Y, et al. (2026) Bile and Serum Metabolomics in Living Donor Liver Transplantation: Exploratory Insights into Acute Rejection Biomarkers. *Metabolites*, 16(4).

Li X, et al. (2026) Chemical Composition Analysis of Highland Barley (*Hordeum vulgare* L.) with Different Modification Methods and Lipid Metabolism Mechanism Analysis of Highland Barley with Microwave Fluidization Modification. *Foods (Basel, Switzerland)*, 15(8).

Zhu XX, et al. (2026) Aberrant long-chain fatty acids metabolism and its interplay with immuno-inflammatory responses in relapsing-remitting multiple sclerosis. *Frontiers in immunology*, 17, 1766322.

Cho E, et al. (2026) Synergistic antifungal effects of botanical extracts against *Candida albicans*. *PloS one*, 21(1), e0340665.