

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>

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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.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 332 mentions in open access literature.

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

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.

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.

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

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

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.

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.

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

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

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

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.

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

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

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).

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).

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

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).

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.