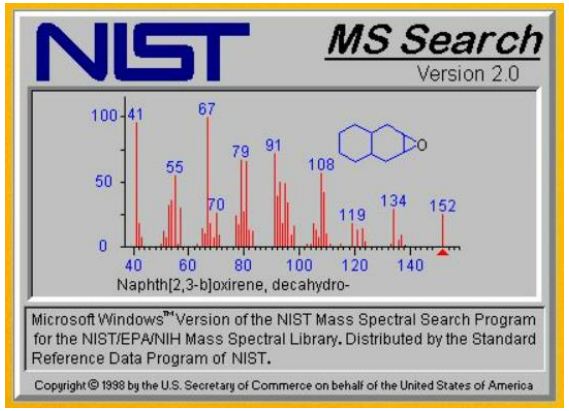
ThermoFisher SCIENTIFIC

Creazione di una libreria con NIST MS Search



Davide Facciabene

Product Specialist GC & GC-MS

NIST MS Search…

Per la creazione di una libreria personalizzata, bisogna tener presente che:

1) Non è possible modificare e quindi aggiungere spettri di massa alle librerie precaricate, tipo la Mainlib

2) E’ necessario utilizzare cromatogrammi con picchi intensi, ben definiti e senza coeluzioni, quindi bisogna iniettare qualche ppm di standard, ed acquisiti con range di scan larghi che coprono tutto lo spettro di massa del principio attivo in esame

NIST MS Search…

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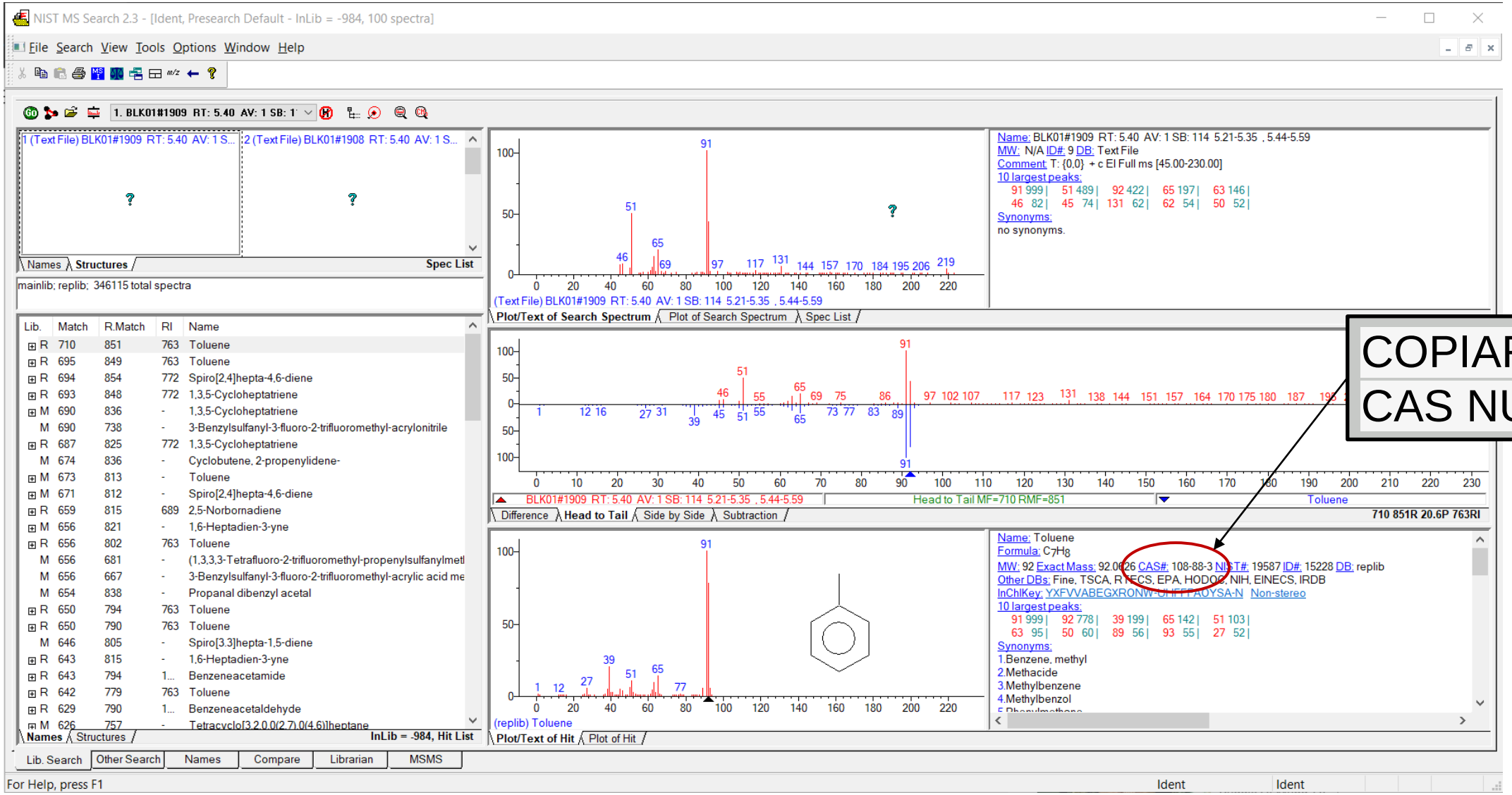

COPIARE IL CAS NUMBER

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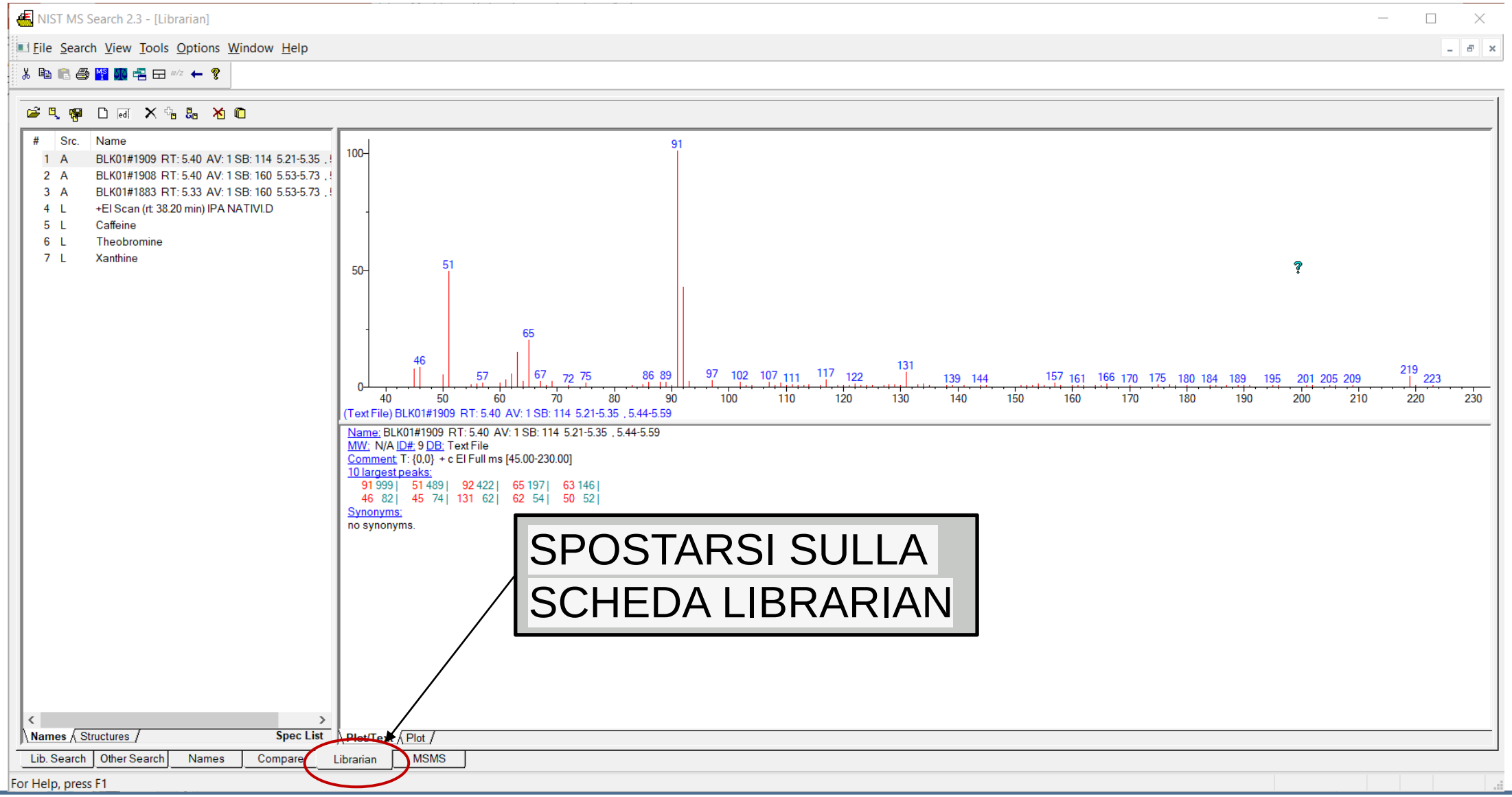
NIST MS Search…



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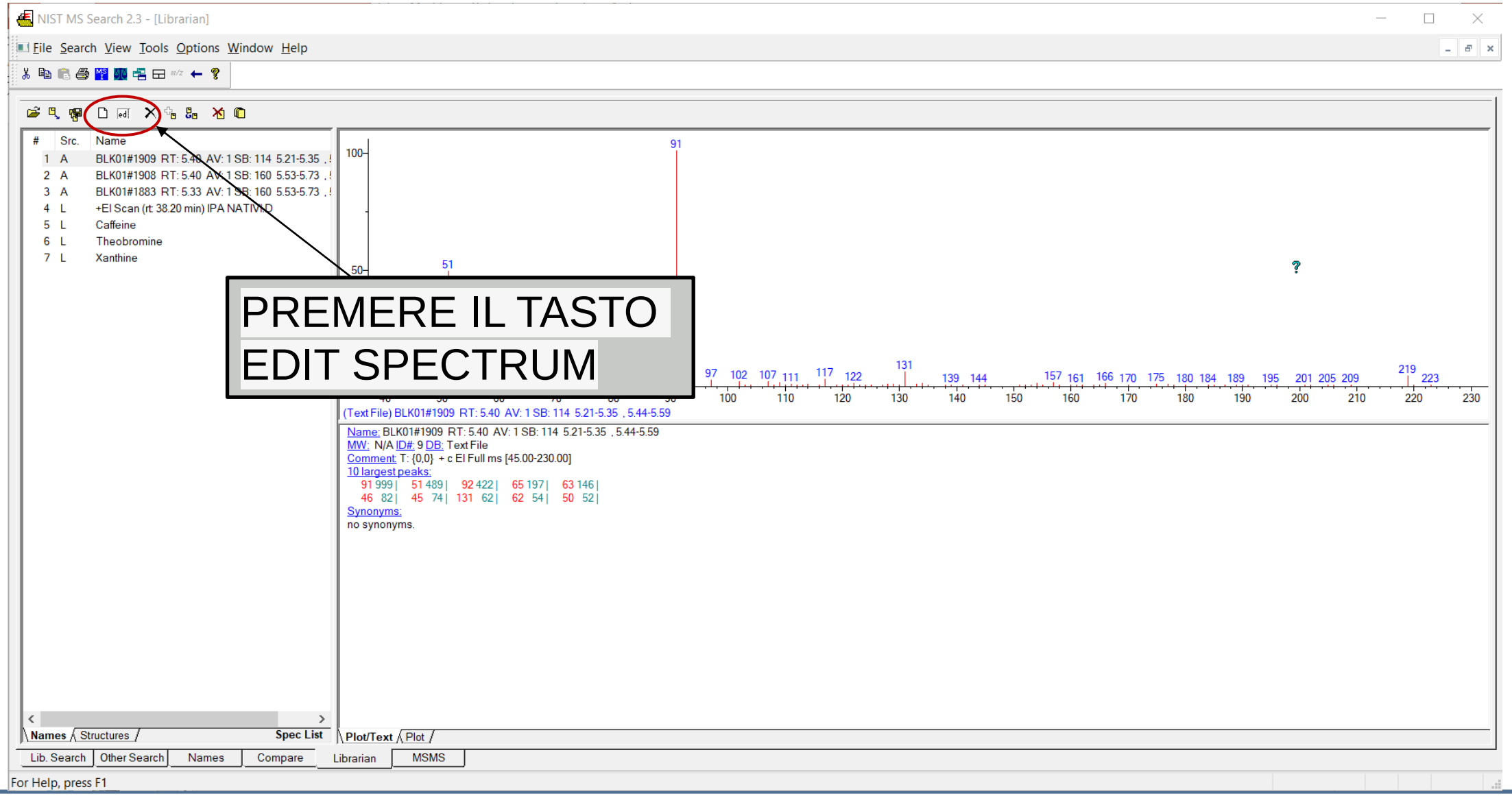

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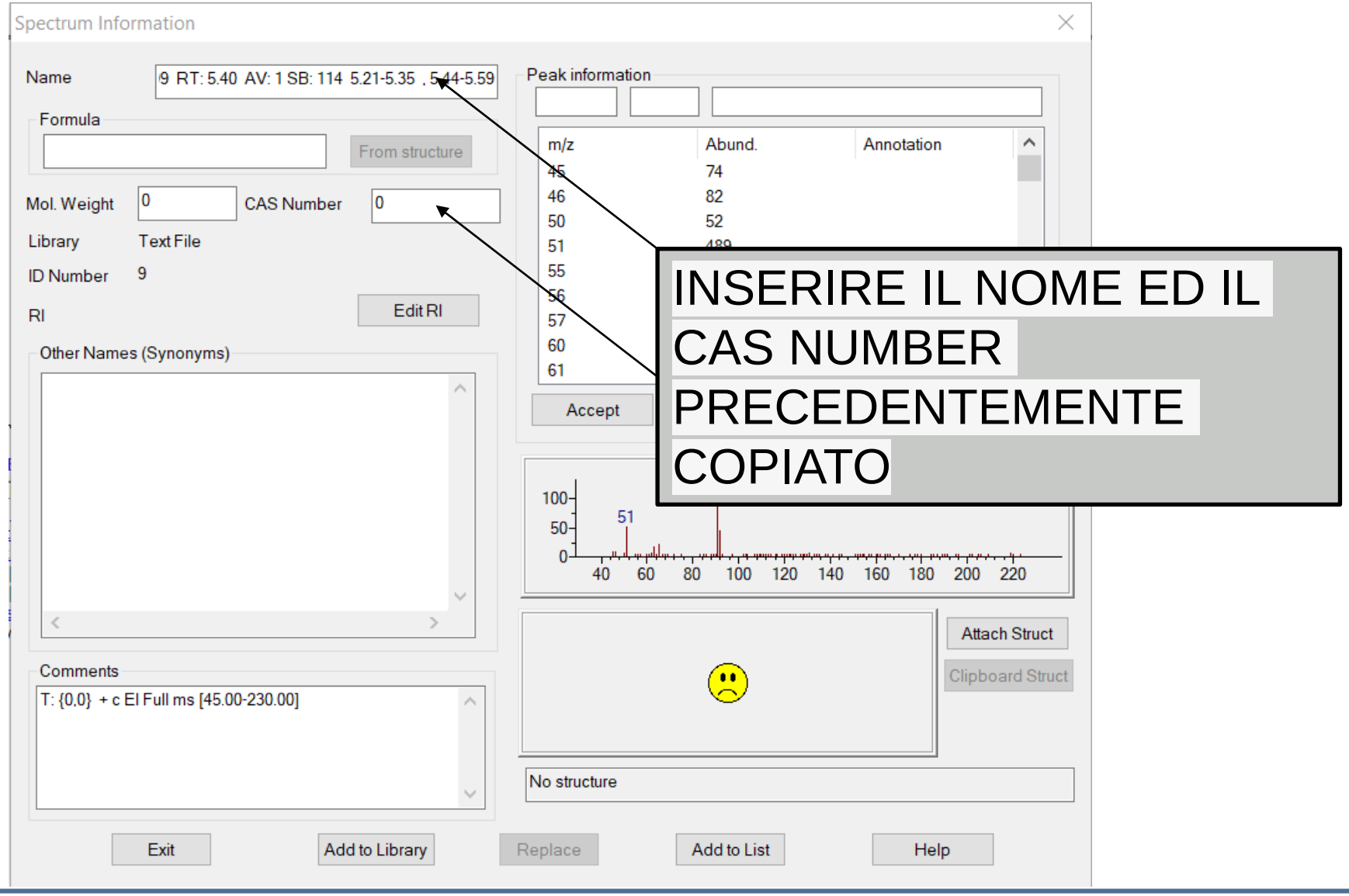
NIST MS Search…



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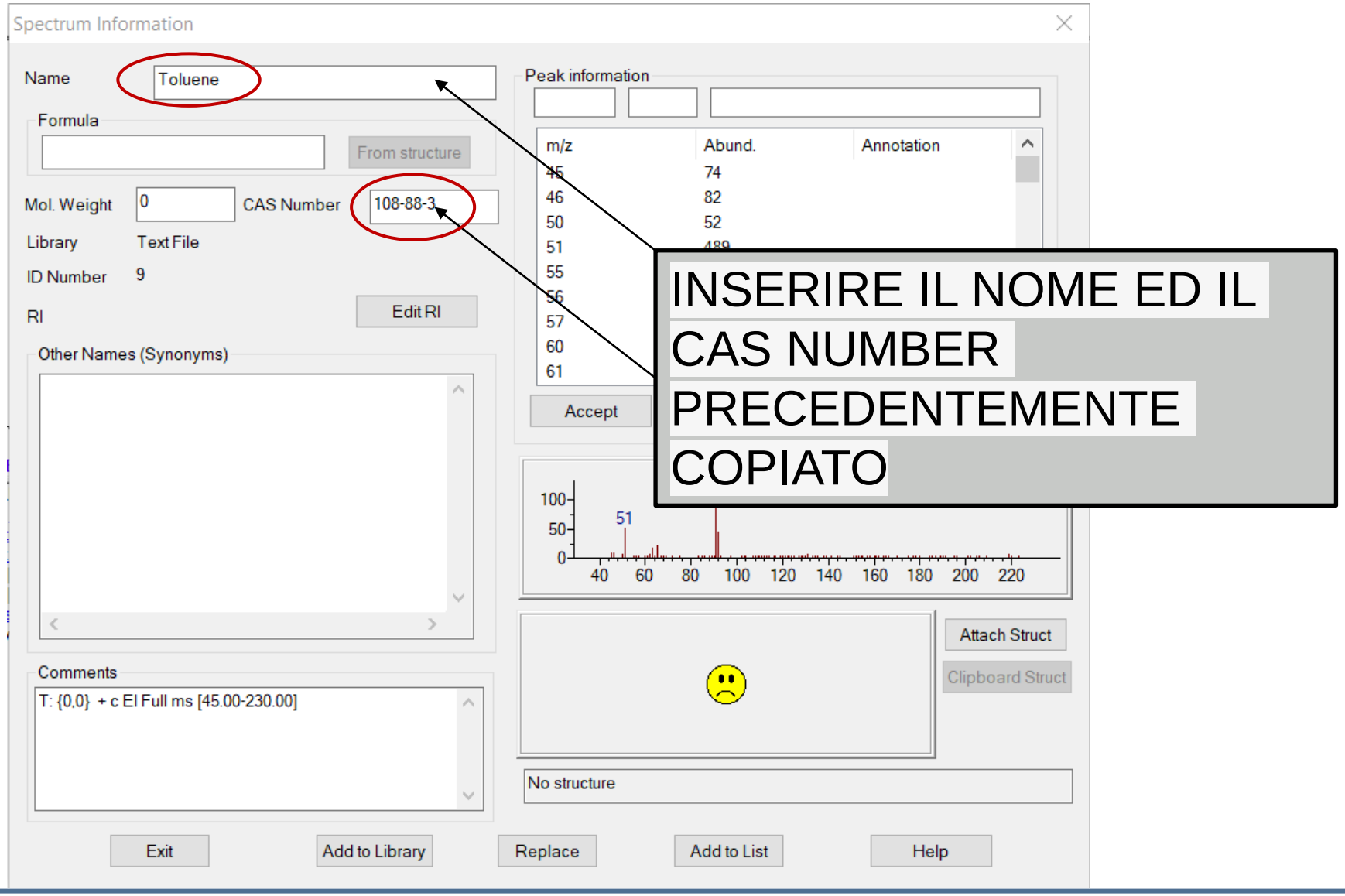
NIST MS Search…



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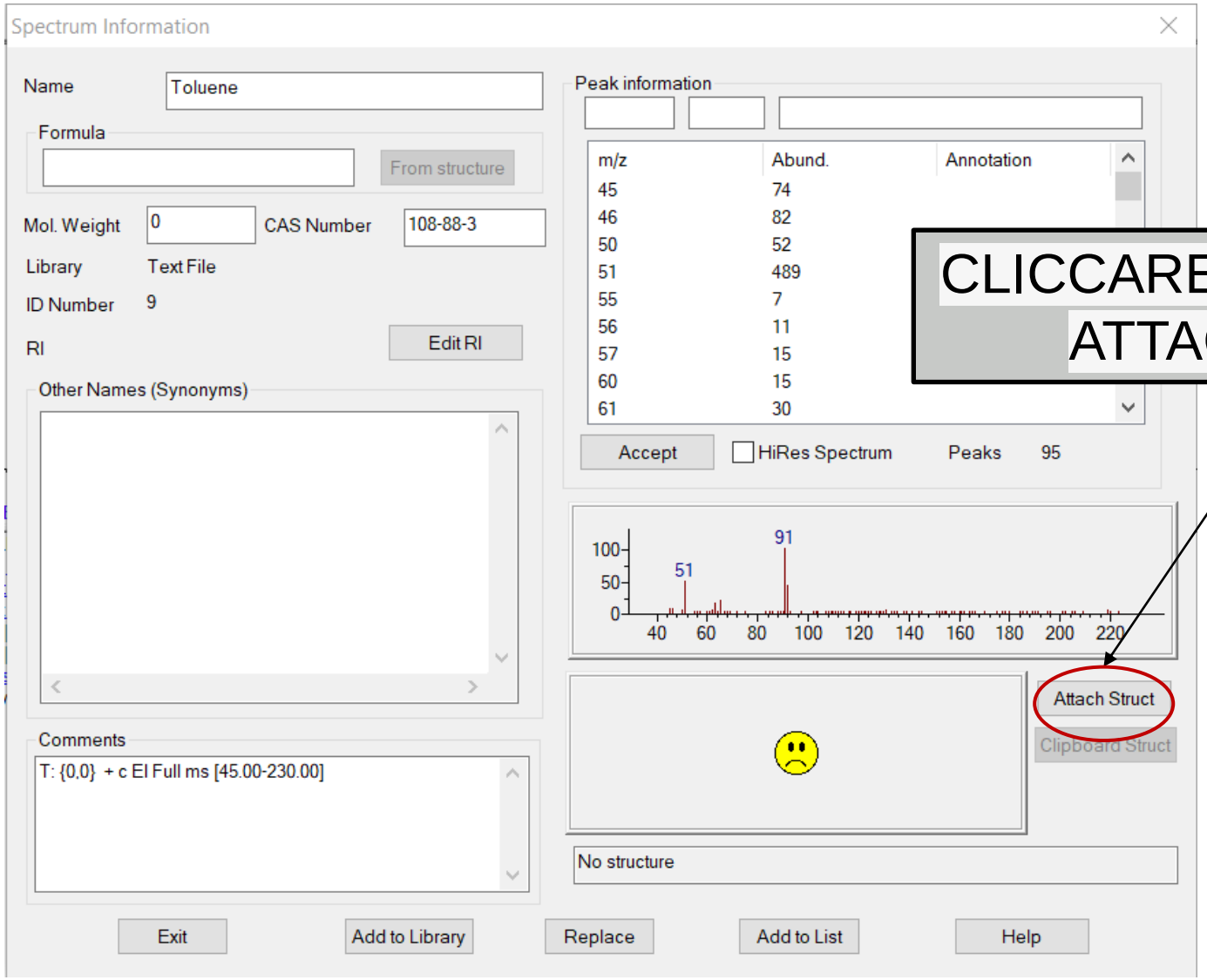
NIST MS Search…



CLICCARE SUL PULSANTE ATTACH STRUCT

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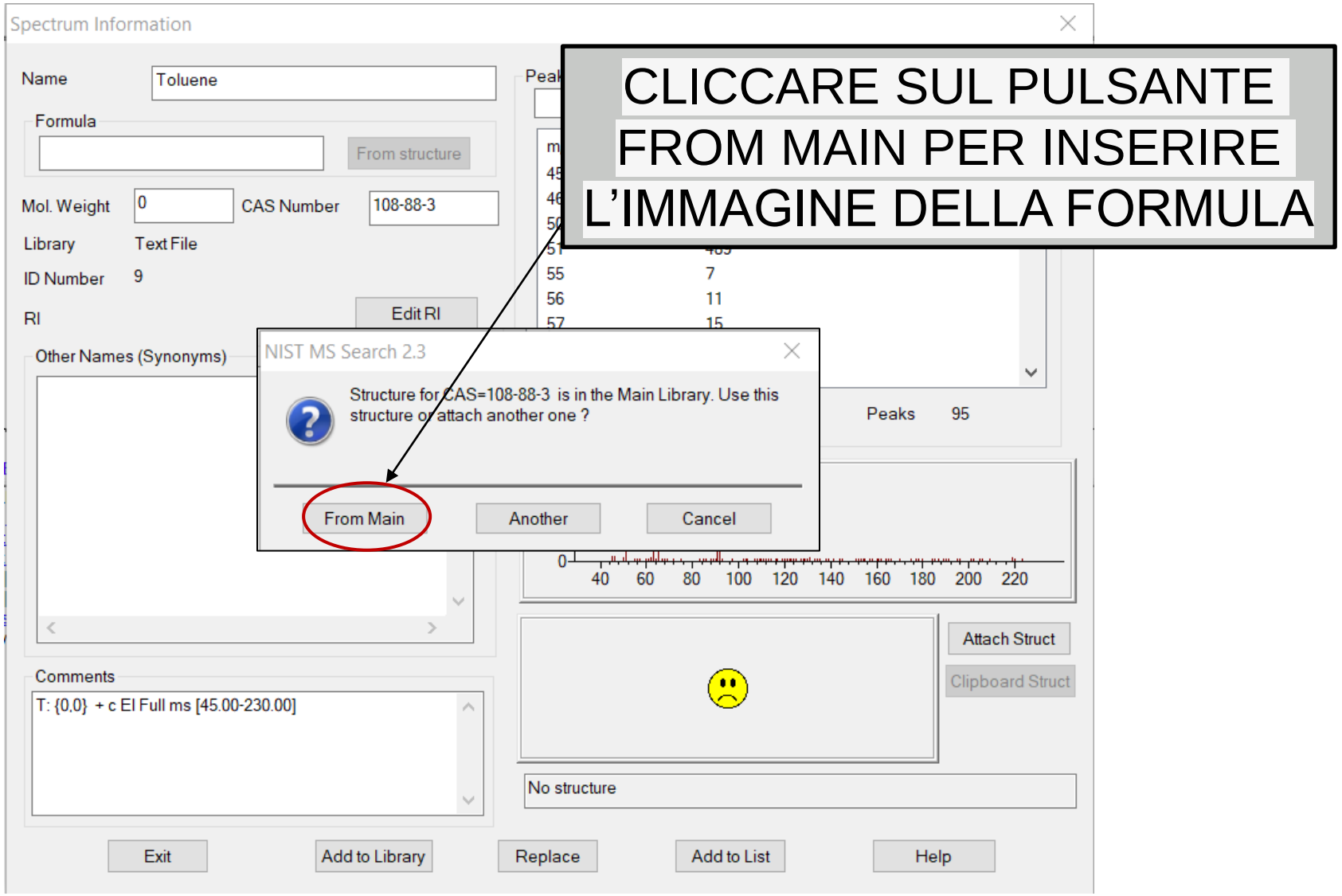
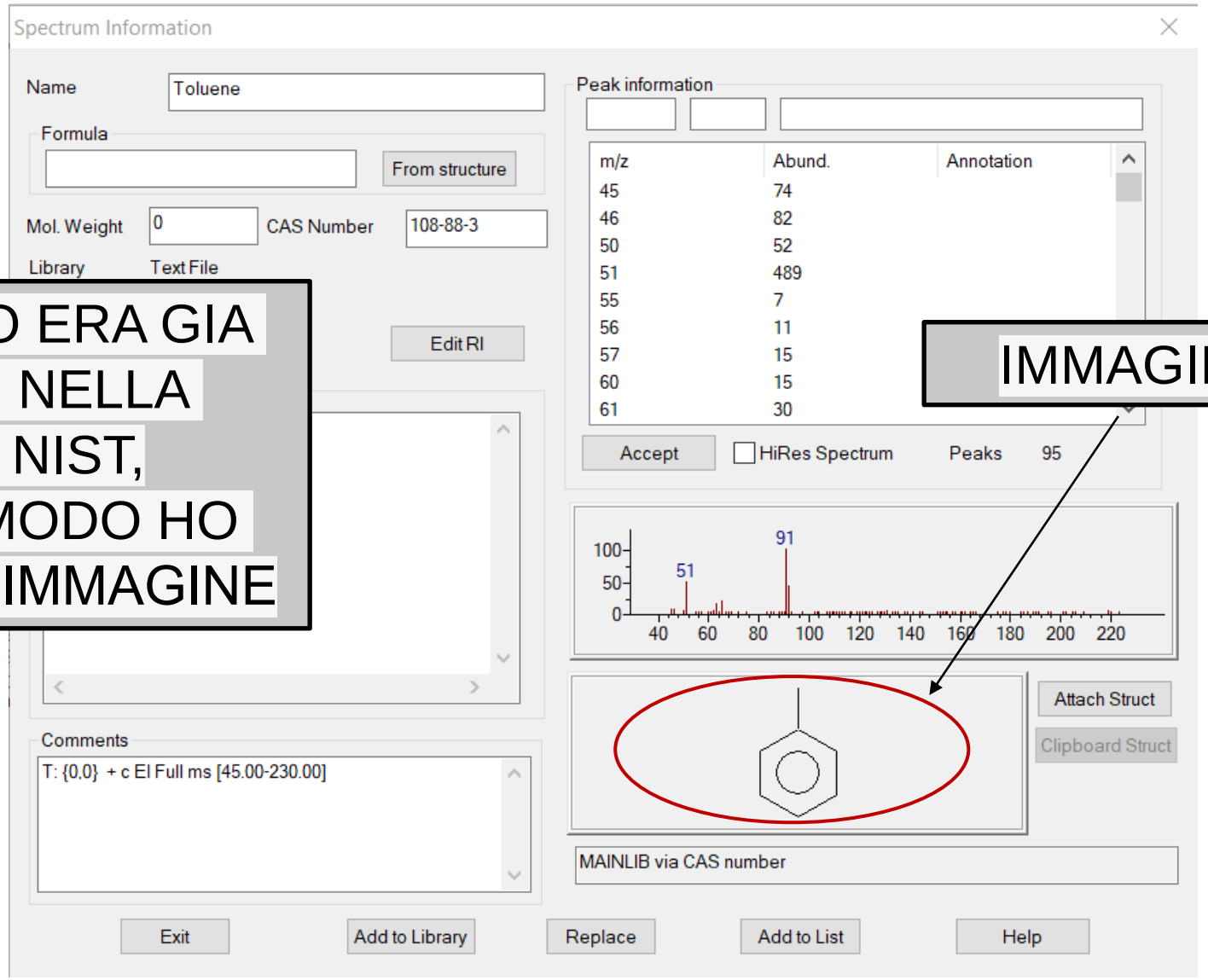
NIST MS Search…



NIST MS Search…

IL COMPOSTO ERA GIA PRESENTE NELLA LIBRERIA NIST, IN QUESTO MODO HO COLLEGATO L'IMMAGINE



IMMAGINE

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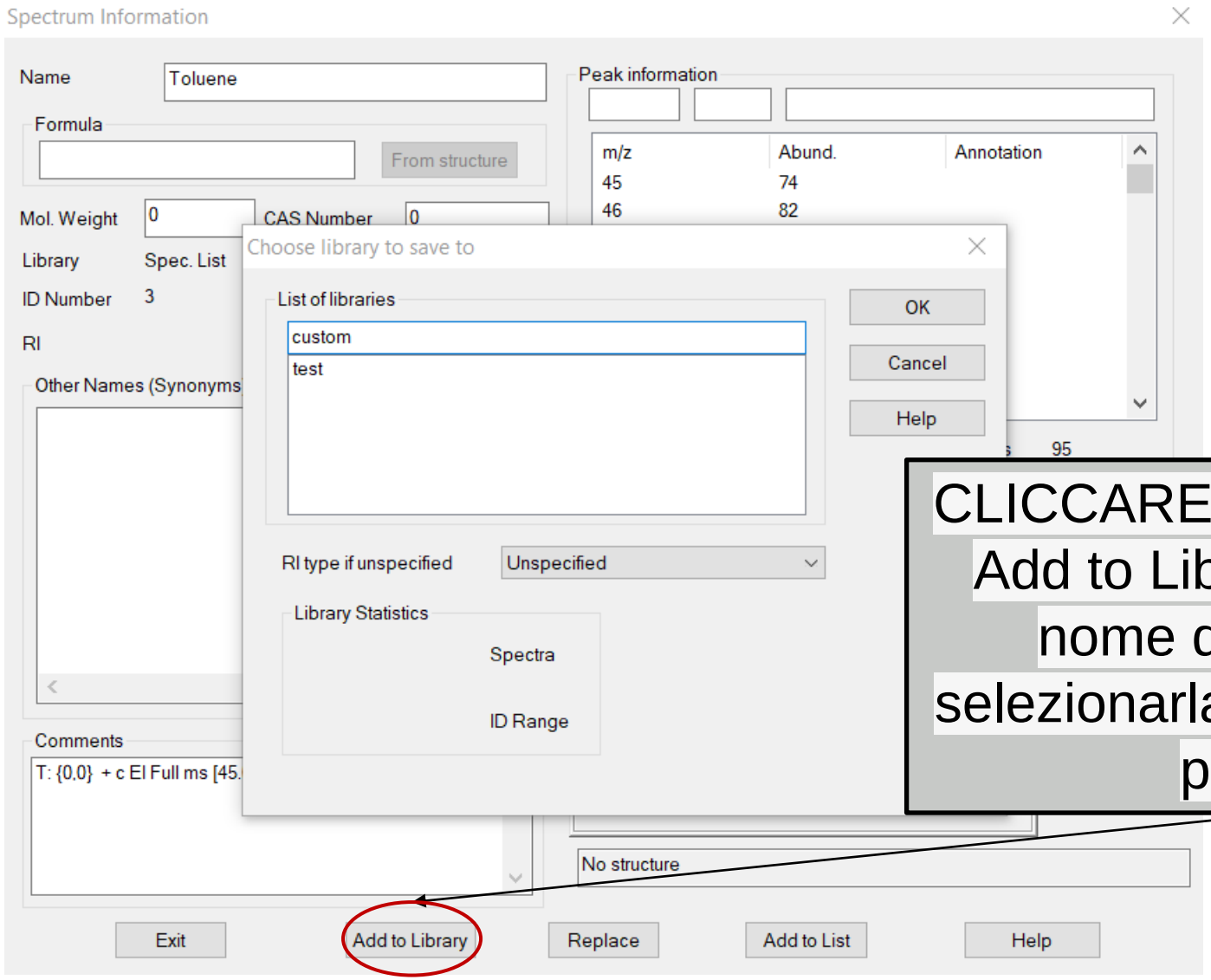
NIST MS Search…



CLICCARE SUL PULSANTE Add to Library e digitare il nome della libreria o selezionarla dalla lista se gia presente

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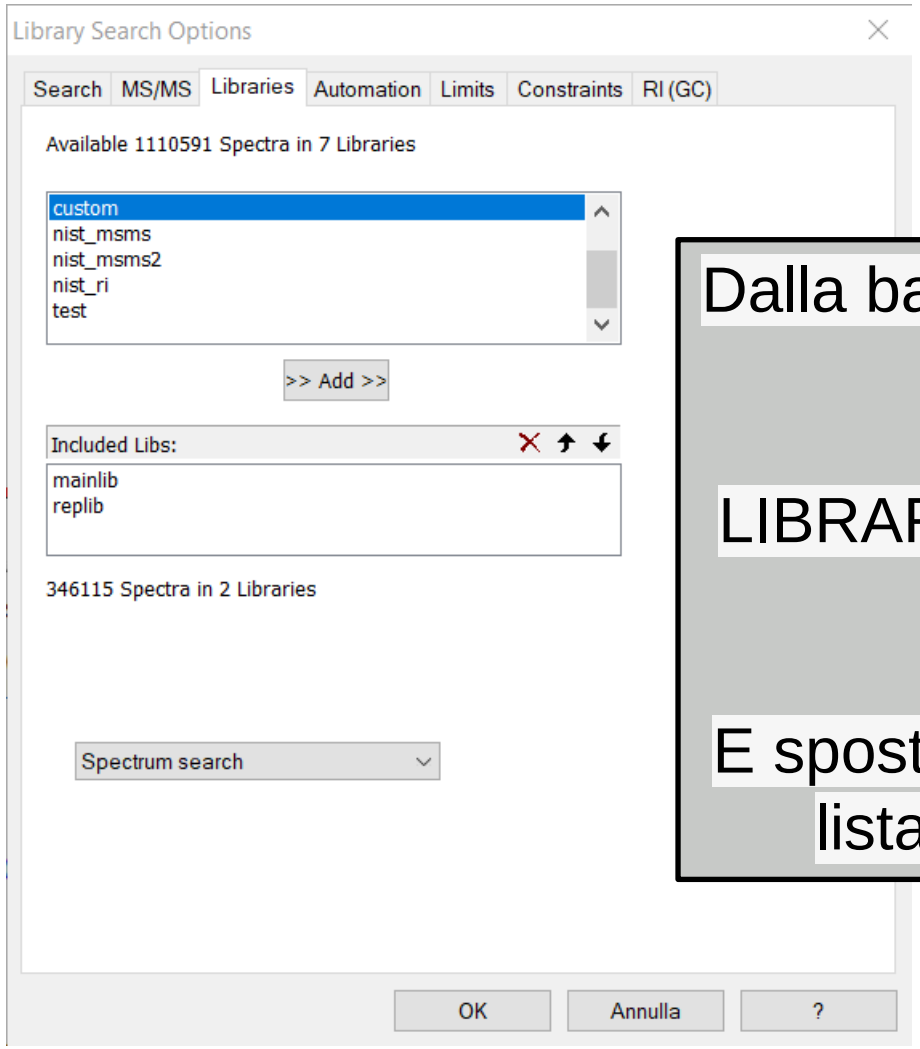
NIST MS Search…

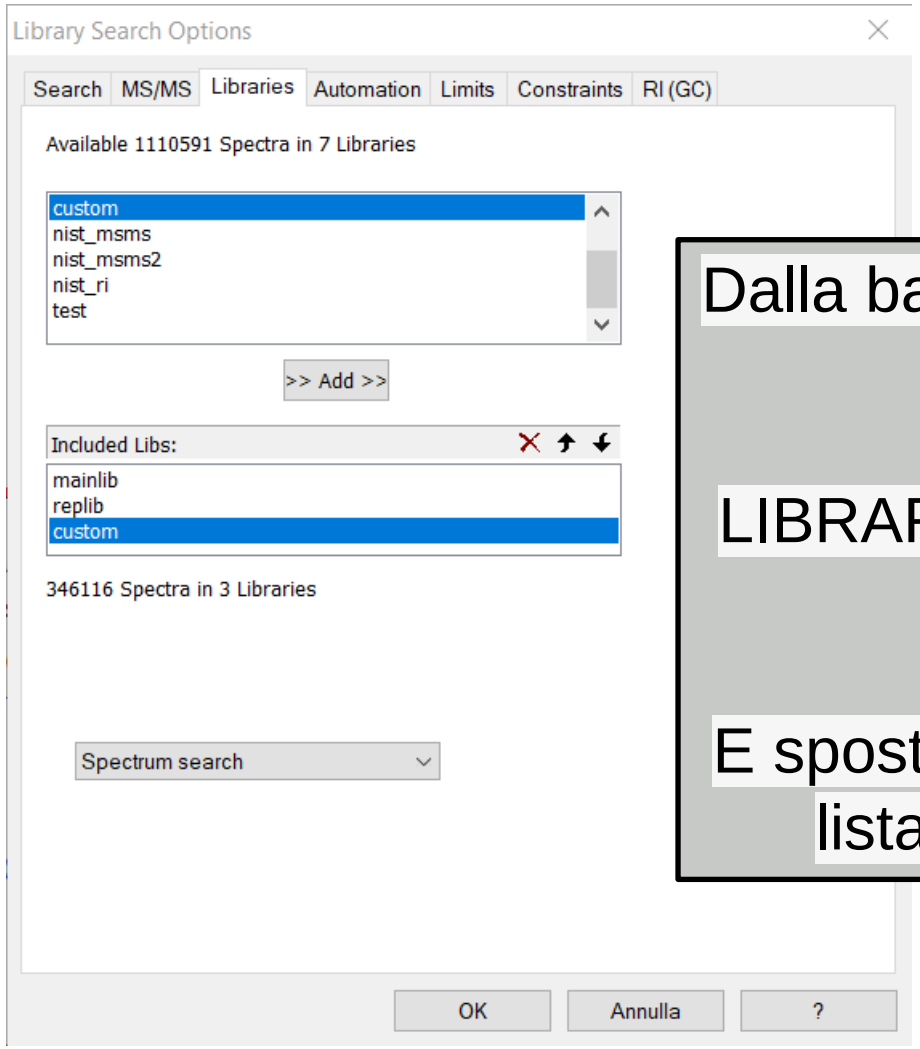


Dalla barra dei menu, cliccare su:

OPTIONS >
LIBRARY SEARCH OPTIONS >
LIBRARIES

E spostare la nuova libreria nella lista attiva (Included Libs)

NIST MS Search…



Dalla barra dei menu, cliccare su:

OPTIONS >
LIBRARY SEARCH OPTIONS >
LIBRARIES

E spostare la nuova libreria nella lista attiva (Included Libs)

Grazie per l'attenzione