

How to install the Nicodom IR Demo Library - Bruker OPUS™

The Nicodom Libraries were tested with the Bruker OPUS™ Software version 4 and 6. If you have an older version contact us.

Install the Demo Library

1. Download the zip file which includes the library.

Filename:

http://www.ir-spectra.com/download/nicodom_demolib50_f2.zip

2. Unzip the downloaded zip file.

Use an unzip tool to unzip the file. You can download free unzippers from internet, refer to internet if you do not know how to unzip files.

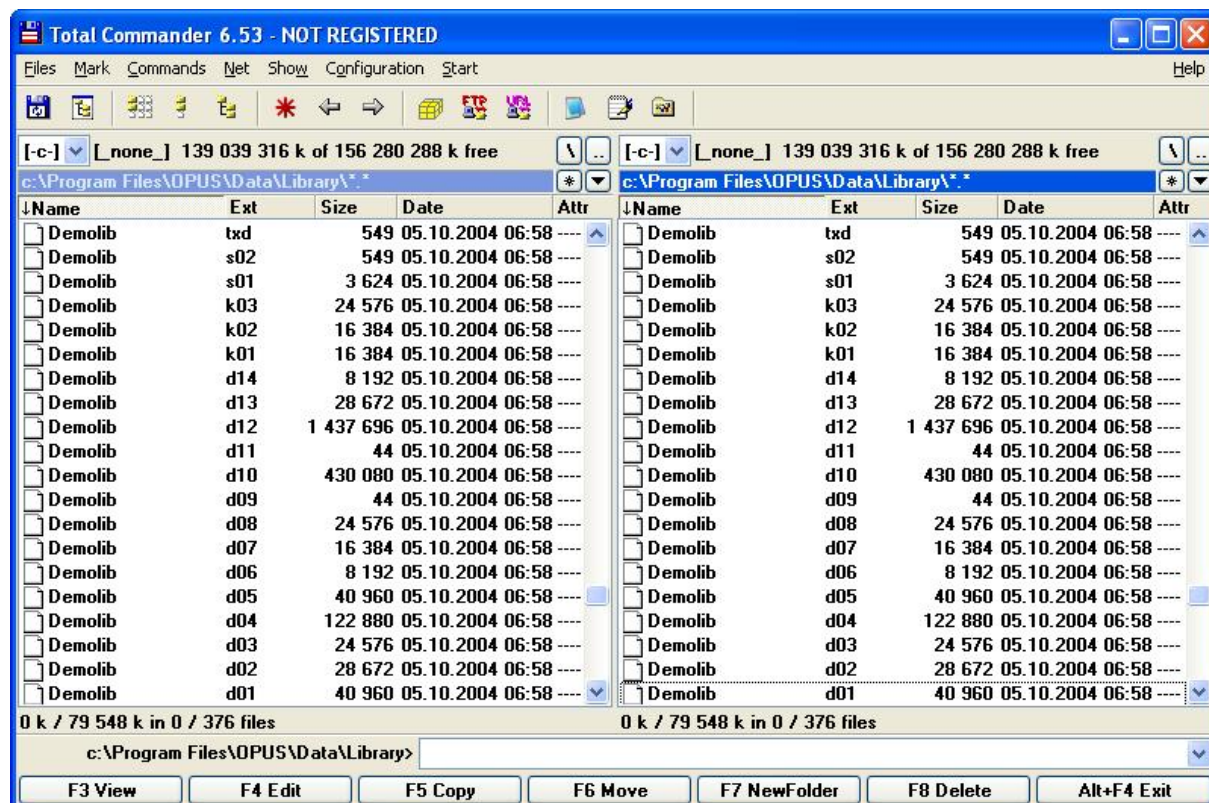
The unzipped Filename:

nicodom_demolib50_f2.exe

3. Contact us to get the free code to install the library. Your name, full adress, e-mail and phone number is required.

4. Execute the file *nicodom_demolib50_f2.exe* (click on it or execute it from *Start Menu/Run*) This will install the library to selected directory. The default directory is *c:\Program Files\OPUS\Data\Library*

If the installation was successfull, you should see the following 20 files in the seleceted directory. If you do not see the files, repeat the procedure 1-4.



Install Full Version

Please refer to instructions in file *How_to_install_protected_libs_1.pdf*.

How to use the Library – OPUS 4

For the full version of the library, please refer to additional instructions in file: *how_to_install_protected_libs_1.pdf*.

The Nicoderm Library is delivered in format compatible with your software. You can use it in the same way as any other library you have previously purchased or the Opus Demo Library which is part of OPUS™.

If you see any problem with the Nicoderm Library, please check first if the same problem exist with other libraries.

Refer to your OPUS™ manual for detailed instruction how to use the library. A short description follows.

Go to paragraph 1-4 to install the library if you have not done it previously. The library is now ready for use on your computer.

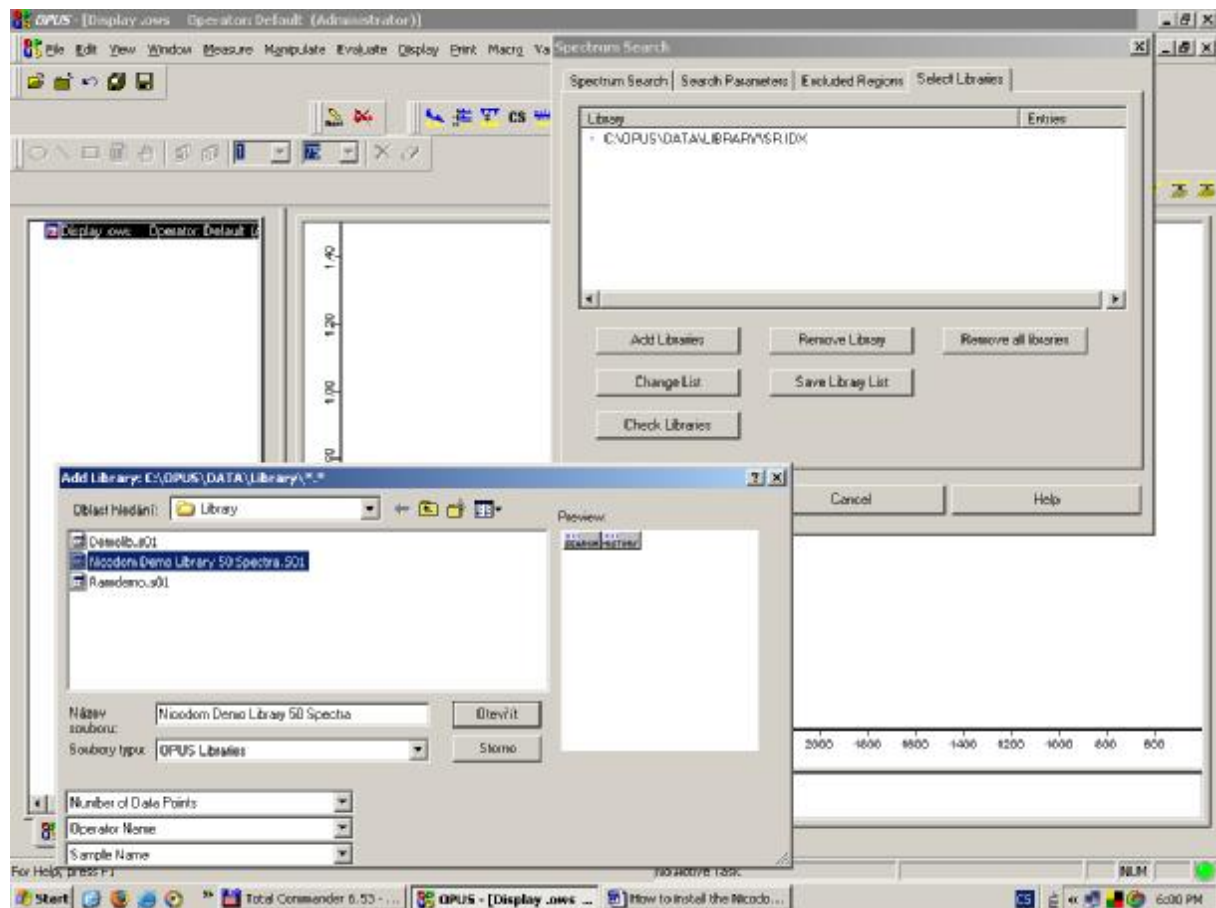
6. Check the library – OPUS 4.

In Menu *Evaluate* select *Spectrum Search/Select Libraries/Add Libraries*

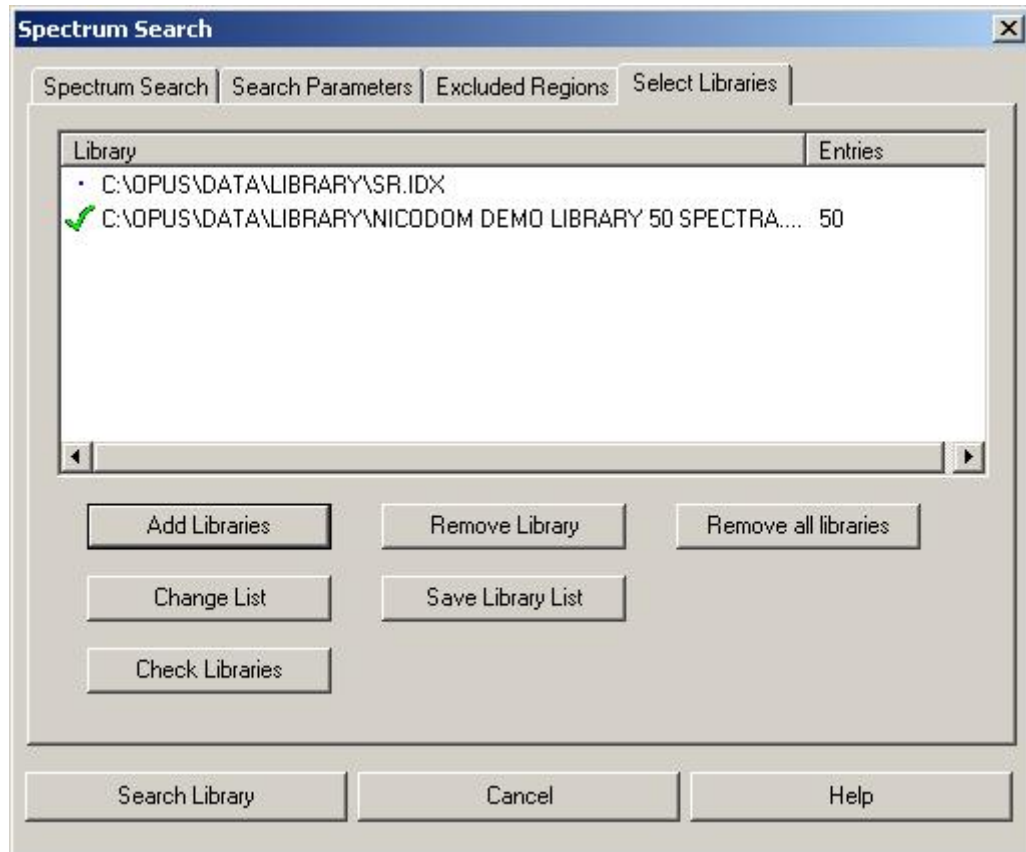
Select the directory where you have previously installed the library.

Choose File types: *Opus Libraries*. Select the Nicoderm Library.

(The default directory is *c:\Program Files\OPUS\Data\Library*)



Click on *Check Library*. The green mark tells you that the library is not corrupted and is ready for use. You should see the following when the library is OK. Remove the libraries which you do not want to search in.



7. View the library contents – OPUS 4

By customers where the OPUS Search package is not installed, we did not find the way how to view the library content. You can still use the library for comparing unknown spectrum with the library.

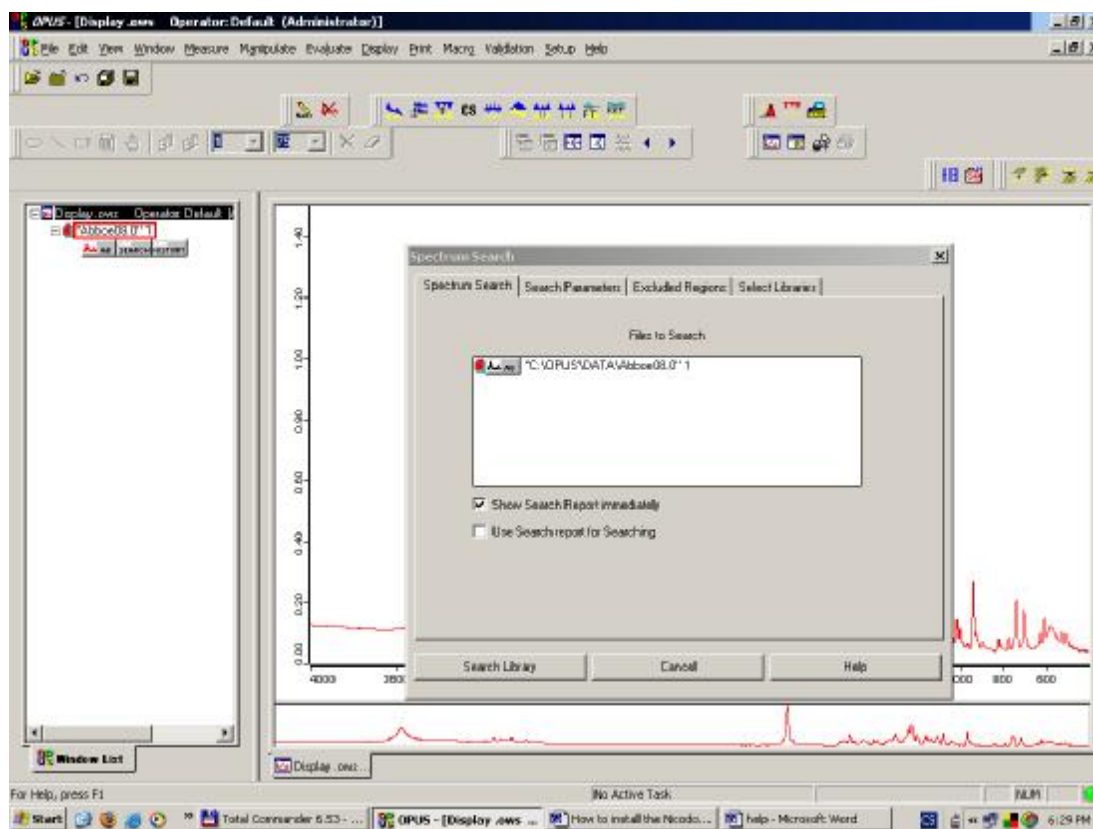
Go to paragraph 6 if you have not done this previously.

If you have the OPUS Search package, go to *Evaluate/Library Browser/Change Library*. In *Add Library* windows select the Nicodomo Library. Then press *Open*. Clicking on + in front of the library name will open the entries, click on the entry to display the library spectrum (...add screenshots later)

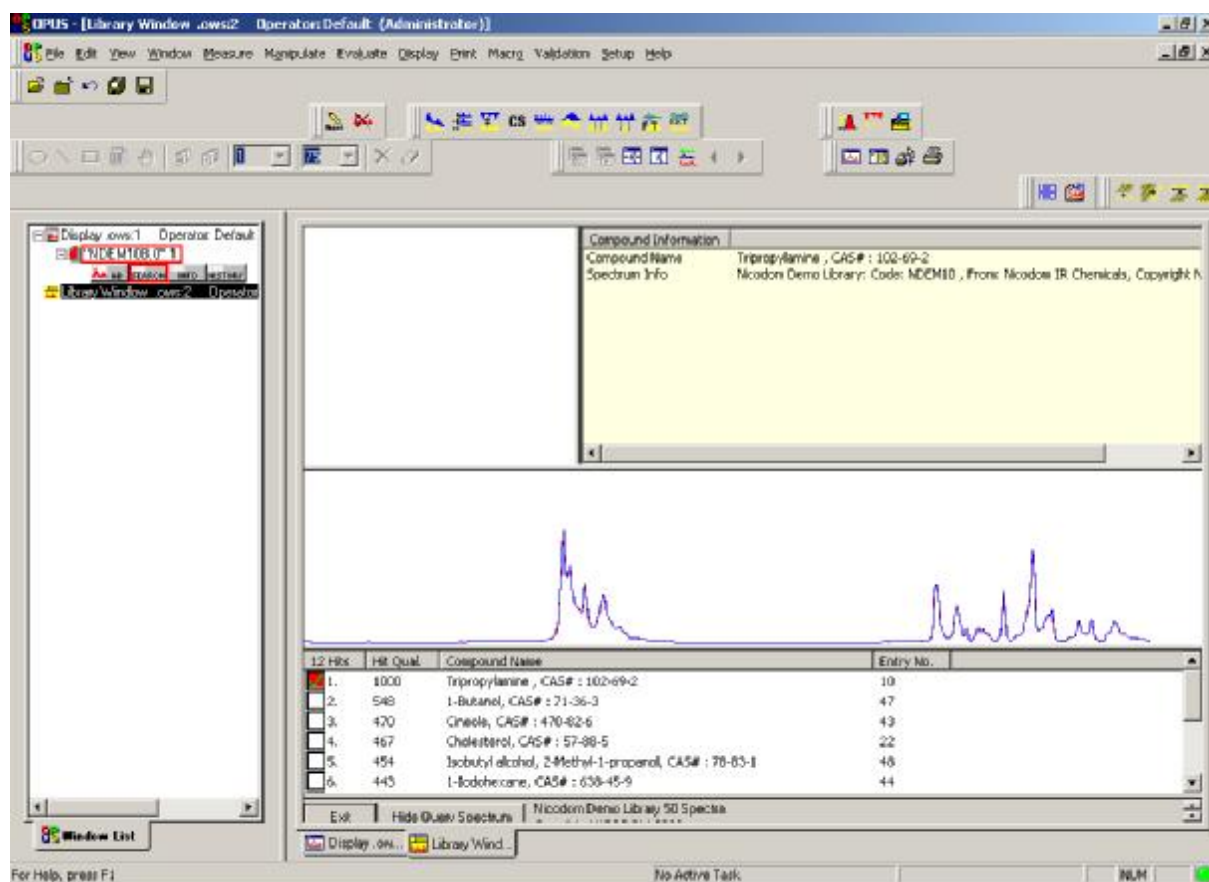
8. Compare unknown spectrum with the library – OPUS 4

Go to paragraph 6 if you have not done this previously.

Load the unknown spectrum (*File/Load*). The spectrum icon will appear in the window on left. In Menu *Evaluate* select *Spectrum Search* and again *Spectrum Search*. Now drag the spectrum file icon from the left window to the *File to Search* part of the window *Spectrum Search*. Now click on *Search Library*.



Here is the search result. Click on the entry to display the spectrum.



If the Nicodom Demo Library works fine, you have verified the format compatibility. The full versions of NICODOM Libraries will work the same way.

How to use the Library – OPUS 6

For the full version of the library, please refer to additional instructions in file: *how_to_install_protected_libs_1.pdf*.

The Nicodom Library is delivered in format compatible with your software. You can use it in the same way as any other library you have previously purchased or the Opus Demo Library which is part of OPUS™.

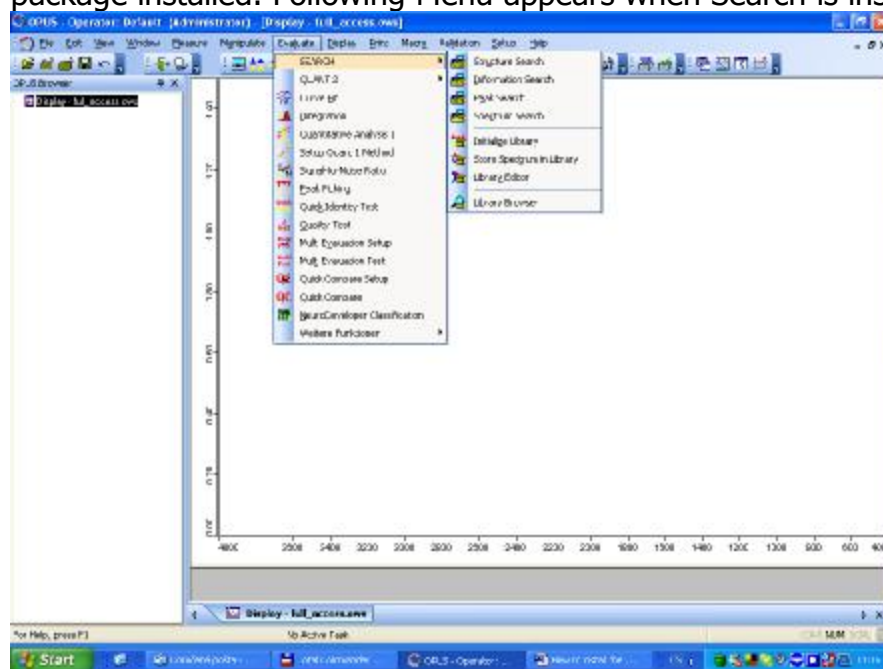
If you see any problem with the Nicodom Library, please check first if the same problem exist with other libraries.

Refer to your OPUS™ manual for detailed instruction how to use the library. A short description follows.

Go to paragraph 1-4 to install the library if you have not done it previously. The library is now ready for use on your computer.

9. View library spectra – OPUS 6.

To work with the library, the SEARCH package should be installed together with your OPUS software. Contact your Bruker representative if you do not have the search package installed. Following Menu appears when Search is installed.

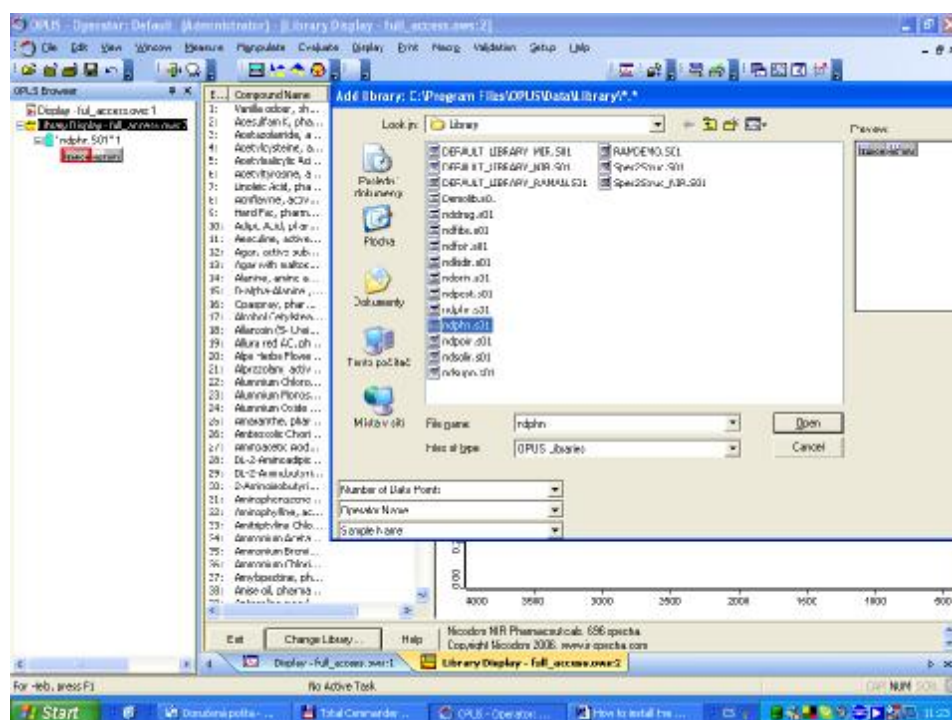


In Menu *Evaluate* select *Search/Library Browser*

Click on *Change Library*.

Select the directory where you have previously installed the library. Select the Nicodrom Library.

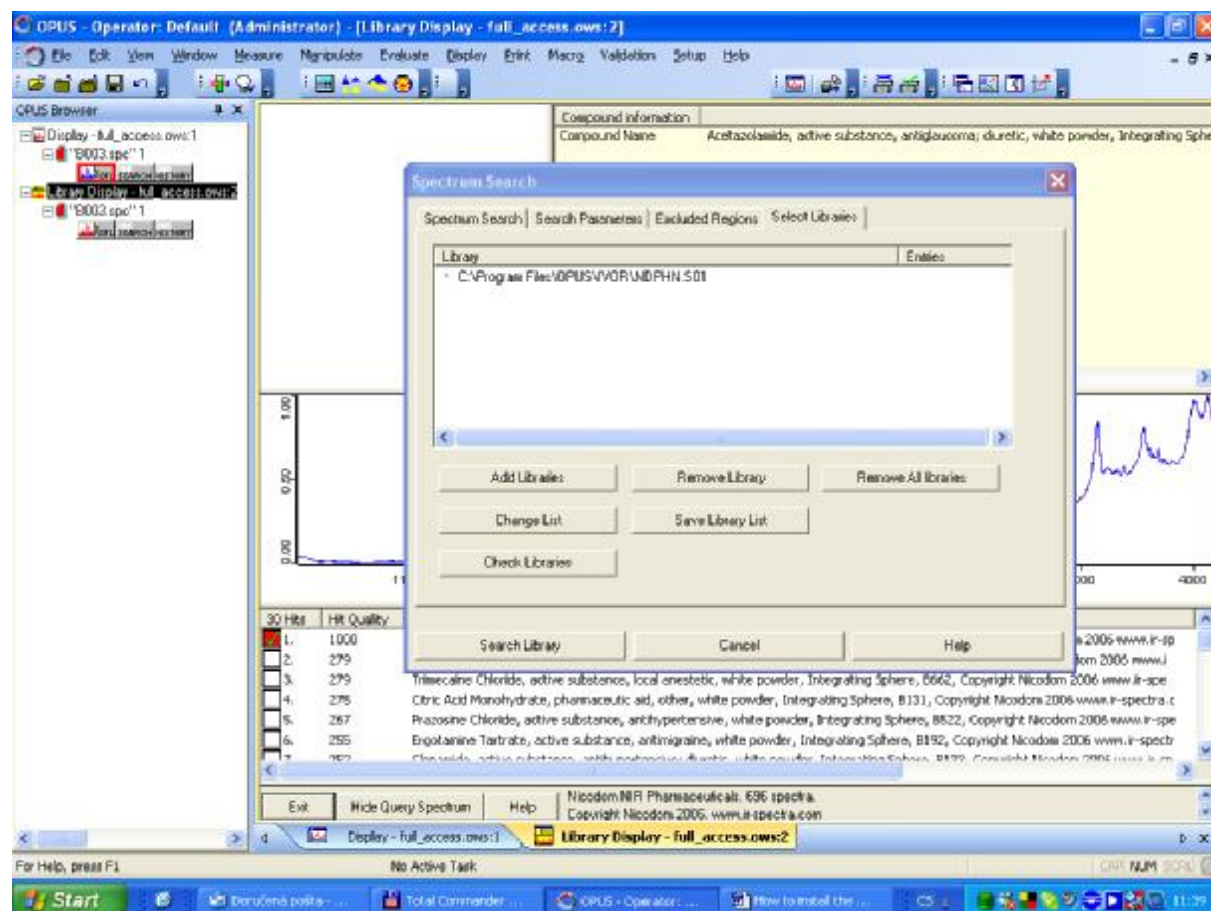
(The default directory is *c:\Program Files\OPUS\Data\Library*)



You see the list of spectra, click on the spectrum name to view the spectrum.
To change the displayed spectral region click on *Display/Scale all* (important by NIR libraries)

8. Compare unknown spectrum with the library – OPUS 6

Go to *Evaluate/Search/Spectrum Search/Select Libraries* and select the library you want to search in. Then click on *Search Library*.



If the Nicoderm Demo Library works fine, you have verified the format compatibility.
The full versions of NICODOM Libraries will work the same way.

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Version 2.0
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www.ir-spectra.com