



## Error: “Spectrum not found” Agilent 1100 LC-MSD

There is a defect in the LC/MSD ChemStation software rev. A.05.0x with the result that you cannot insert a mass spectrum in the report layout for a custom report. You will get the message "Spectrum not found" when you print the report.

The following procedure provides a workaround for this problem .

1. Select **View**, then **Report Layout**.
2. From the **File** menu select **New Template**.
3. Make one of the triangles RED.
4. From the **Edit** menu select **New Section**, then **res.Signals**.
5. In the template click and drag to open the **res.Signal** section.
6. Make a line RED in **res.Signal** section.
7. From the **Edit** menu select **New Section**, then **res.Peaks**.
8. In the template click and drag to open the **res.Peaks** section.
9. Select the **chromatogram tool** and draw a box in **res.Peaks** section.
10. From the list that is displayed select **Computed Graphics**
11. In the Setup Computed Graphics dialog box specify Macro

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The information contained herein is intended for use by informed individuals who can and must determine its fitness for their purpose.

Macro Name: USR\_   
( Enter 'MySpec' ).

12. Click **Select File**, and then select the file **shortutl.mac**.
13. Click **Edit Macro/Append new Macro Frame to File**, and type in the first macro below in the USR\_MySpec section of the shortutl.mac macro file.
14. **Save** the macro file and **Exit** the text editor.
15. In the report template select the **res.Signal** section.
16. From the **Edit** menu select **Section Options**.
17. Click on the button, **user defined macro**.
18. In the Section Options dialog box specify  
Macro Name: USR\_   
( Enter 'IsMSSignal' )
19. Click **Select File**, and then select the file **shortutl.mac**.
20. Click **Edit Macro/Append new Macro Frame to File** and type in the second macro below in the **USR\_IsMSSignal** section of the **shortutl.mac** macro file
21. Save the macro file and **Exit** the text editor.
22. From the File menu select **Save Template** then **Add To Report Styles**.

(first macro)

```
!*****  
name USR_MySpec !*  
!*****  
parameter PeakIndex  
Local MyRT  
MyRT = TabVal(CHROMRES, "Peak", PeakIndex, "MeasRetTime")  
DelReg MSReg  
LoadMSSpectrum MSReg, MyRT:MyRT  
MS_CheckInteg
```

```
CopyObj MSReg, FRPT_CustGraphics
return
endmacro
```

(second macro)

```
!*****
name USR_IsMSSignal !*
!*****
parameter ResSignalIndex
local PrintIt
If TabVal(CHROMRES,"Signal",ResSignalIndex,"DataType") = 40 Then
PrintIt = 1
EndIf
return PrintIt
endmacro
```