

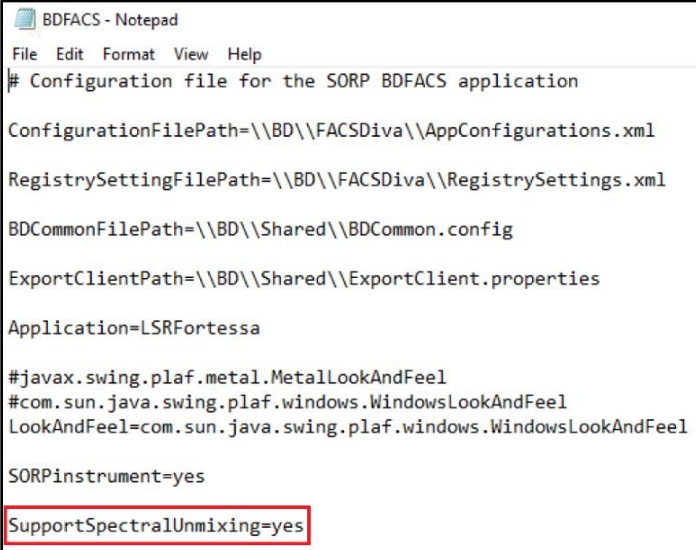
## Unlocking FACSDiva's Spectral Plots

### 1. Preface

The properties of certain versions of FACSDiva (v9.3.1) can be modified to activate spectral plots, even if the instrument's hardware has not been "spectrally enhanced" (SE).

### 2. Procedure

- Navigate to C:\Program Files\BD FACSDiva Software
- Open the BDFACS.properties file with Notepad
- Add the line SupportSpectralUnmixing=yes



```
BDFACS - Notepad
File Edit Format View Help
# Configuration file for the SORP BDFACS application

ConfigurationFilePath=\\BD\FACSDiva\AppConfigurations.xml

RegistrySettingFilePath=\\BD\FACSDiva\RegistrySettings.xml

BDCommonFilePath=\\BD\Shared\BDCommon.config

ExportClientPath=\\BD\Shared\ExportClient.properties

Application=LSRFortessa

#javax.swing.plaf.metal.MetalLookAndFeel
#com.sun.java.swing.plaf.windows.WindowsLookAndFeel
LookAndFeel=com.sun.java.swing.plaf.windows.WindowsLookAndFeel

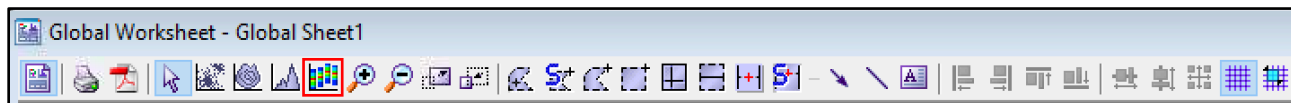
SORPInstrument=yes

SupportSpectralUnmixing=yes
```

- Save the BDFACS.properties file

### 3. Spectral Plots

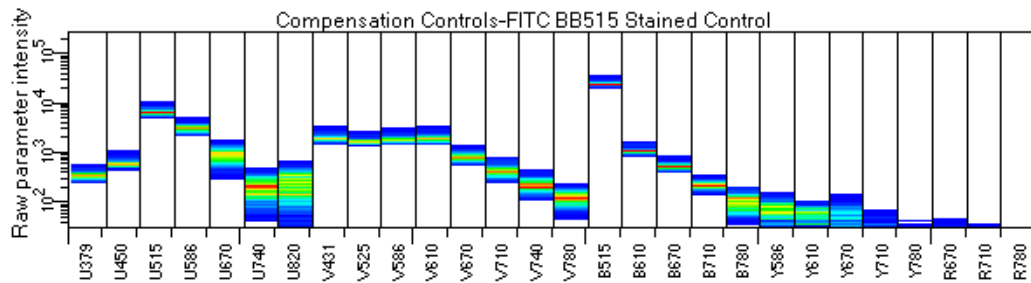
FACSDiva will show the new plot option in its worksheet menus:



# WORK-flow

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Spectral plots offer a helpful visualization for quality control. However, depending on the instrument configuration, the detectors on the X-axis may not appear in order of increasing wavelength from UV to Red. To correct the order, all parameters must be deleted and re-added.



Note that while this procedure unlocks all spectral functions (see image below), unmixing will not work on non-SE instruments.

