Before configuring MSD ChemStation, you must stop all analysis and close ChemStation.

Highlight the MS Config Icon and double-click the left-mouse button to run the MS Config program. If no MS Config Icon is found on the desktop, you can run the `msconfig.exe` found at:

C:\msdchem\MSexe\msconfig.exe by highlighting `msconfig.exe` and double clicking left-mouse button. You should see a window similar to the one below appear.

![System Configuration Window]

You should have instrument #1 configured if you are currently running your instrument under Enhanced Data Analysis for Online analysis and probably instrument #2 for Enhanced Data Analysis for Offline analysis. Since instrument #2 is available, our example will use instrument #2, but the same procedure applies to instrument #3, and #4.
To install EnviroQuant Data Analysis, you must install on an available instrument which in this case its instrument #2. Install instrument by clicking on the 2 on the menu bar of the window. Once you click on the 2 on the menu bar, you should see a window similar to the one below appear.

Click on the Include a Mass Spectrometer in this Instrument Configuration check-box, select the instrument found in the Mass Spectrometer Device Selection box, and click on the Next > button.
You should see a window similar to the one below appear.

Check box for Electron Ionization should be checked and grayed out, so just click on the **Next >** button. A windows similar to the one below should appear.

Make sure that the Positive (+) Polarity button is selected and press the **Next >** button.
A window similar to one below should appear.

Click on the Include a **Gas Chromatograph in this Instrument Configuration**, select the instrument found in the **Gas Chromatograph Device Selection** box, and click on the **Next >** button.
A window similar to one below should appear with the **Data Analysis Mode** having **Enhanced Quantitation** highlighted in the drop-down menu.

Click on the down arrow and select **EnviroQuant (EPA)** to install the EnviroQuant Software.
A window similar to one below should be on your screen now. Press the **Next >** button to continue with the installation of the ChemStation EnviroQuant Software.

![Data Analysis Window](image)

A window similar to one below should appear. Click on the **Finish** button to install the EnviroQuant Software.

![Review Configuration Window](image)
The configuration window similar to the one below should appear with the #2 instrument being the offline instrument and the **Data Analysis** being **EnviroQuant**. You should also see the appearance of EnviroQuant Data Analysis icon on the desktop.
In order to obtain a BFB report you must open the recently installed EnviroQuant software by double-clicking on the EnviroQuant Data Analysis Icon found on your desktop. A window similar to the one below should appear.
Left mouse click on the BFB peak on the TIC chromatograph to obtain the MS spectra of BFB. A spectra similar to one below should appear.
To obtain BFB report click on the Tuner Menu option and select the Evaluate BFB report option.

A Pop-Up window should appear similar to the one below:

**Select BFB Evaluation**

- Evaluate BFB to Screen
- Evaluate BFB to Printer
- Autofind BFB to Screen
- Autofind BFB to Printer

Select the desired Radio-Button report option and click on the OK button.
The desired report option will then printout similar to the one below.

**BFB**

**Data Path:** \H:\COMPLIANCE\0_INSTRUMENT RAW DATA\MFC\2016\MFC\16MFC1021_001\  
**Data File:** 16MFC1021_001_02.D  
**Acq On:** 21 Oct 2016 6:32 pm  
**Operator:** AB  
**Sample:** IOM BFB  
**Misc:** MFC-156-009 (Sig #1); (Sig #2)  
**ALS Vial:** 11 Sample Multiplier: 1

Integration File signal 1: ExemptsMS.e  
Integration File signal 2: Exempts.e

**Method:** C:msdchon\methods\EXEMPTS_1518206.M  
**Title:** SQR140 M013  
**Last Update:** Wed Oct 28 16:32:30 2015

**Spectrum Information:** Scan 3683

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