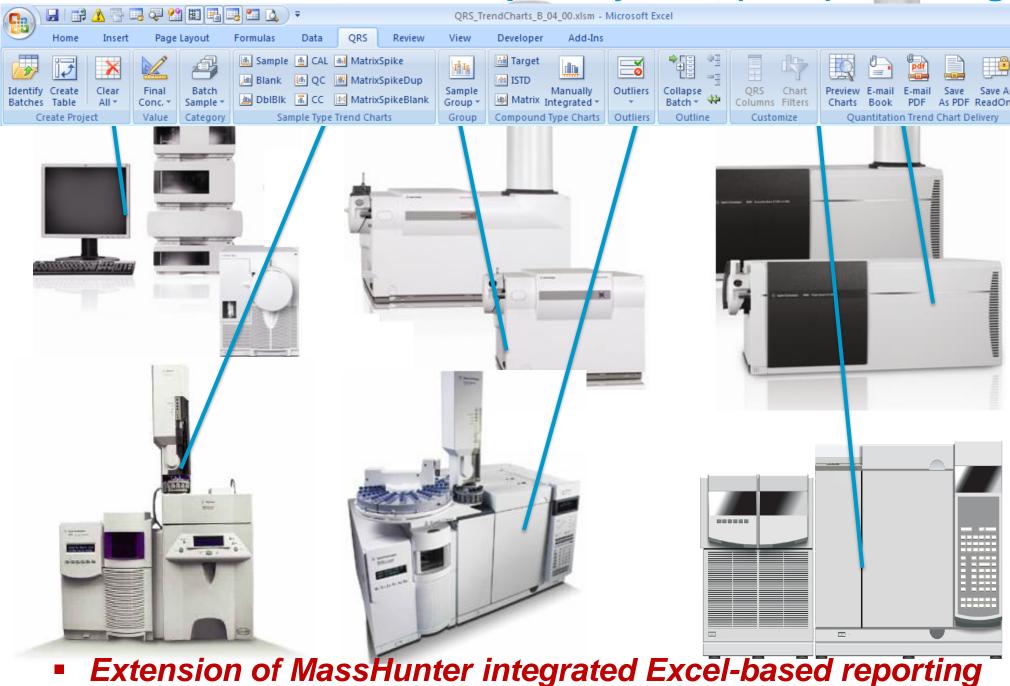
Excel-based Quantitation Report System (QRS) Trending



Excel-based Quantitation Report System (QRS) Videos

C:\Quant MassHunter Workstation B.04.00\Videos\outline.htm - Internet Explore







C:\Quant MassHunter Workstation B.04.00\Videos\outline.htm







C:\Quant MassHunter Workstation B.04.00\Video...

Excel-based QRS Trending

Quantitation Report System

- o Introduction (Background) # ...!
- o Scenarios (Backgroupe)

Videos on shipping **Quant DVD**

Quick Demo

- Calibration (Advanced)
- Target Compounds (Advanced)
- o Qualifiers (Advanced)

Advanced Demo

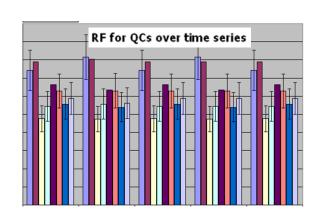
- o Calibration (Expert) #...!
- o Target Compounds (Expert)
- o Qualifiers (Expert) #...!

Technical Design

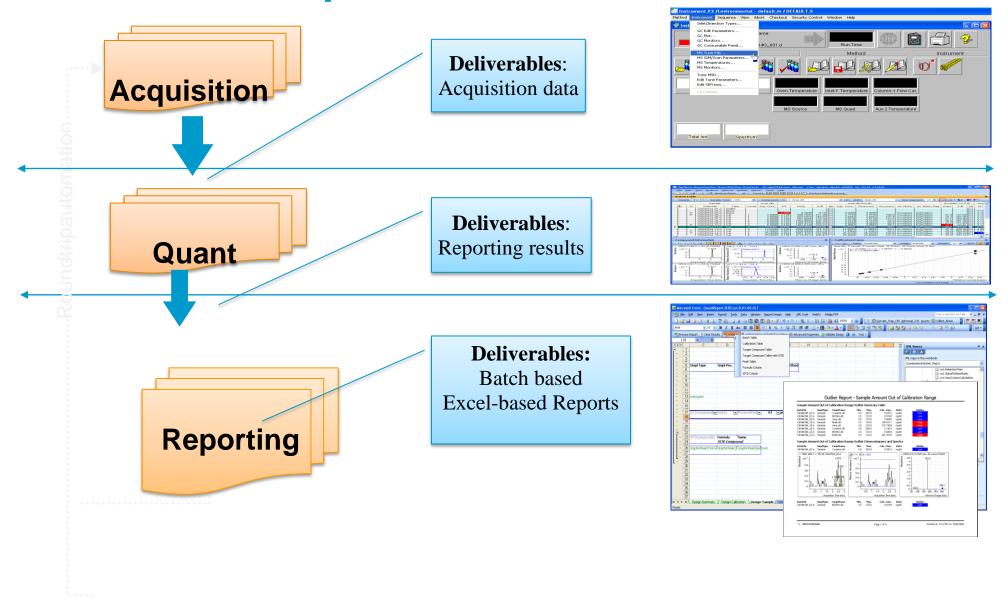
- o <u>Design explanation (Wizard)</u> ✓--!
- Error Recovery Advice (Wizard) #...!

QRS Excel-based Trend Report Value Proposition

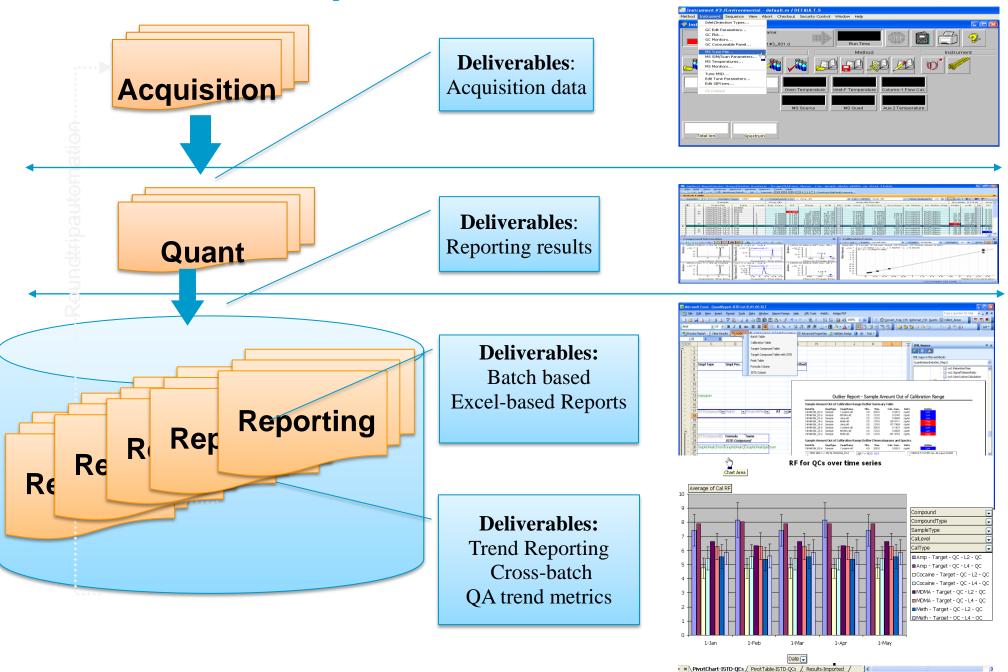
- Address trend reporting needs across batches or date/time
 - Monitor samples types
 - Trend by Samples, CALs, QCs, Blanks, Spikes
 - Monitor target compounds or qualifiers results
 - Trend metrics grouped by sample/compound/group
 - Trend organized by time series { before/after, treated/untreated }
 - Monitor outliers results
 - Trend by quality metrics



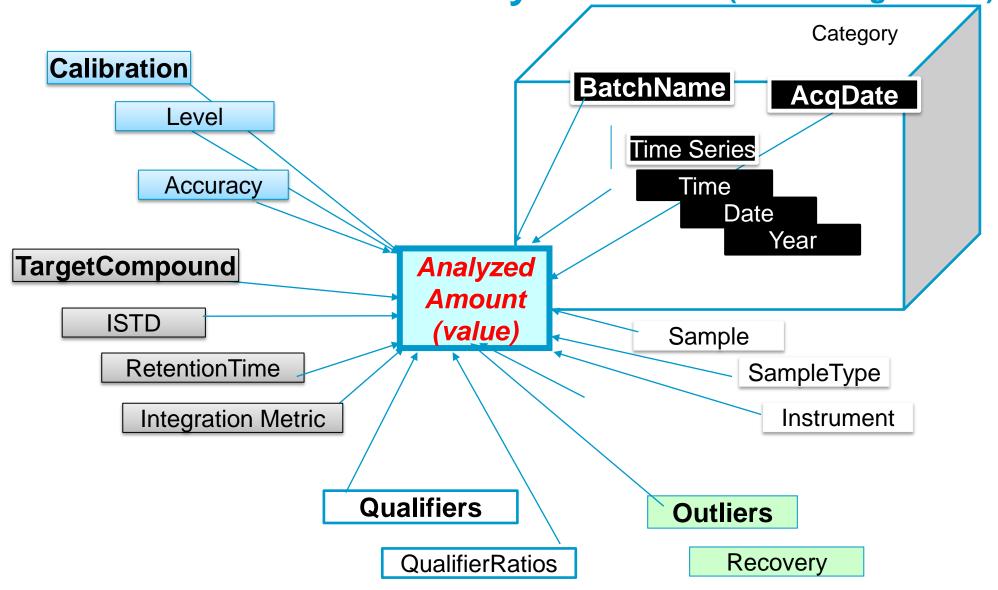
Quantitation Pipeline software architecture



Quantitation Pipeline software architecture



Data Warehouse and Analysis Cube (star configuration)



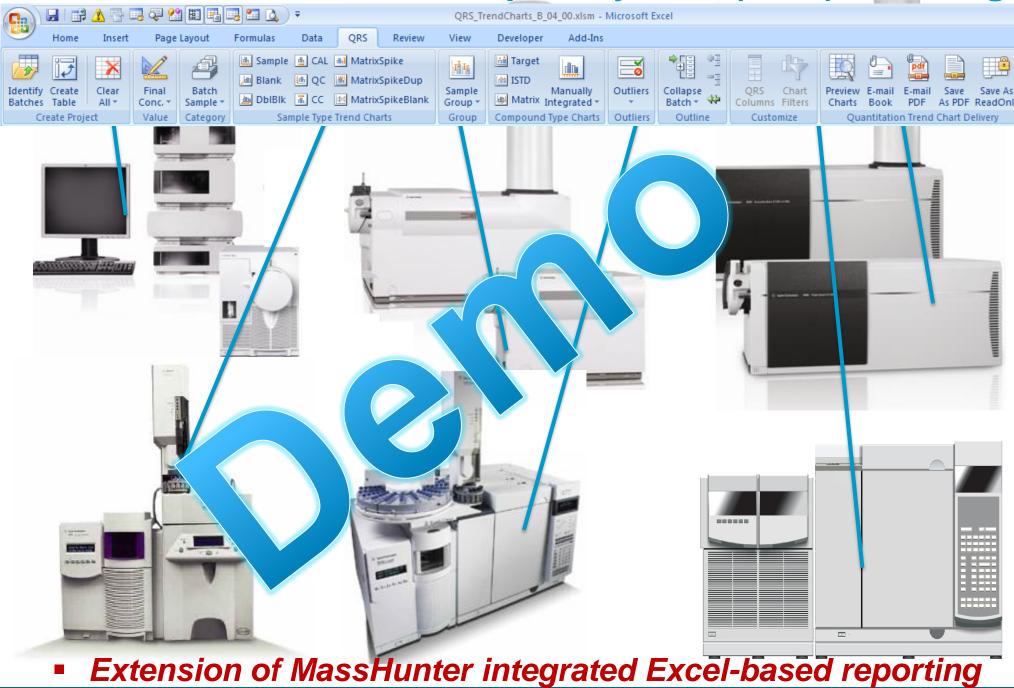
QRS Star Configuration (MultiDimensional Analysis)

Compound Sample Batch Name Name pivot table columns Name pivot table rows Compound Type Acquisition DateTime Sample Group Compound Sampling Group Time

Target Response



Excel-based Quantitation Report System (QRS) Trending





Welcome to MassHunter Quantitation Report System (QRS).

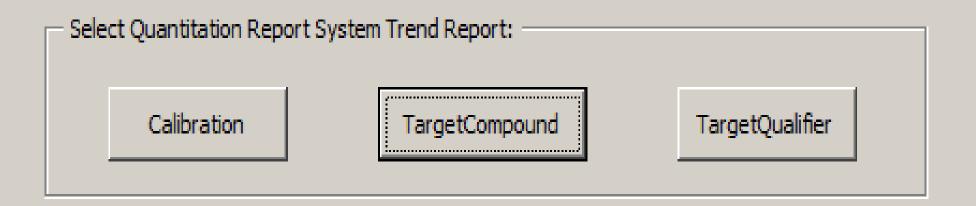
QRS is an extension of MassHunter Excel-based reporting designed to show trends.

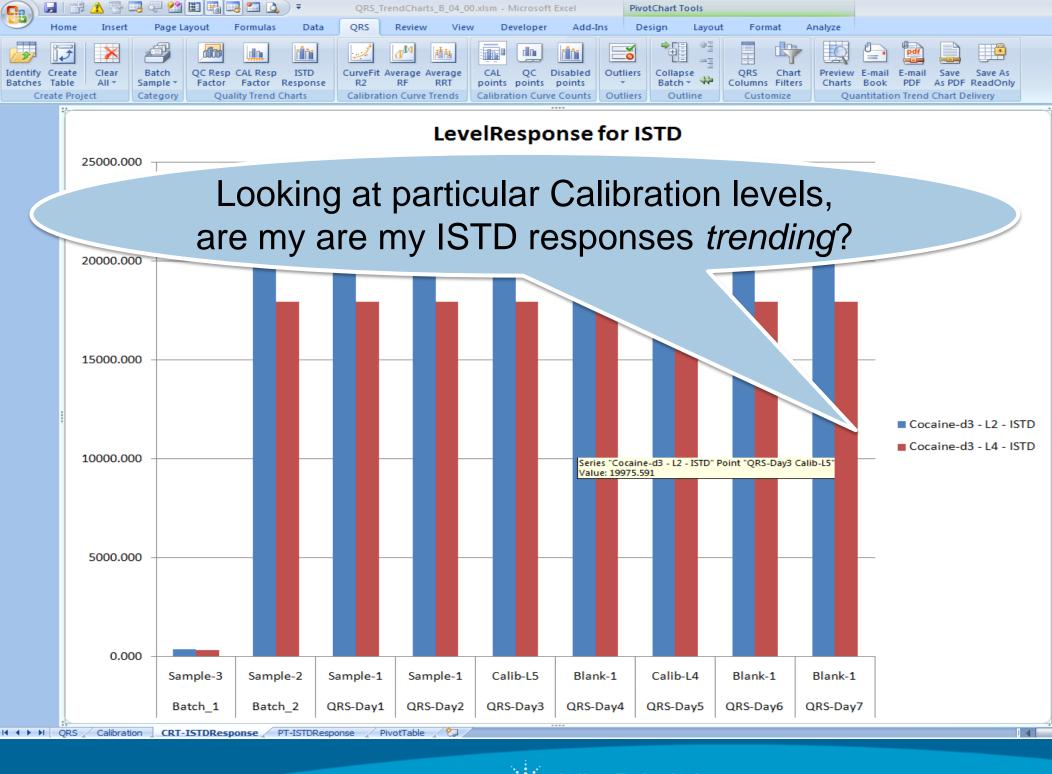
QRS offers specialized ribbons that focus on a particular aspect of the quantitation results.

QRS specialized ribbons offer canned charts that display a wide variety of trends.

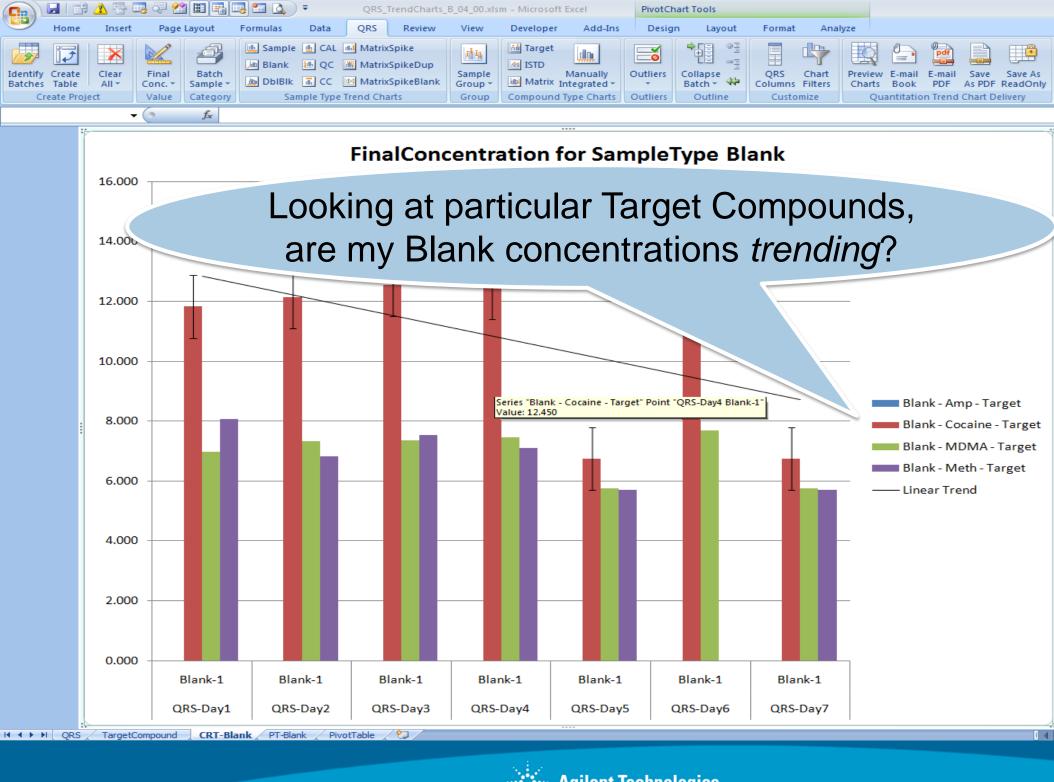
QRS offers an interactive stepwise process to building your charts:

- QRS creates an XML Table from importing multiple XML quantitation reporting results files.
- QRS creates a PivotTable Cache which organizes the combined cross-batch quantitated results.
- QRS creates a PivotTable with appropriate measures and filters from the shared PivotTable Cache.
- QRS creates a PivotTable Chart which displays the trend report graphically.

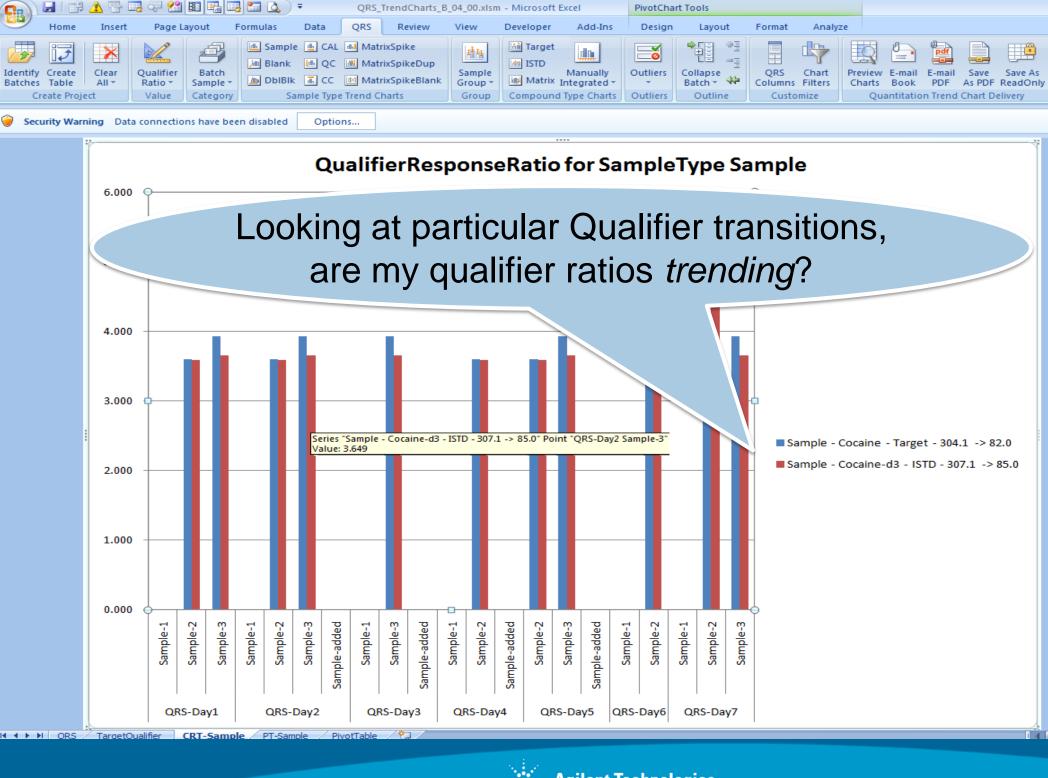


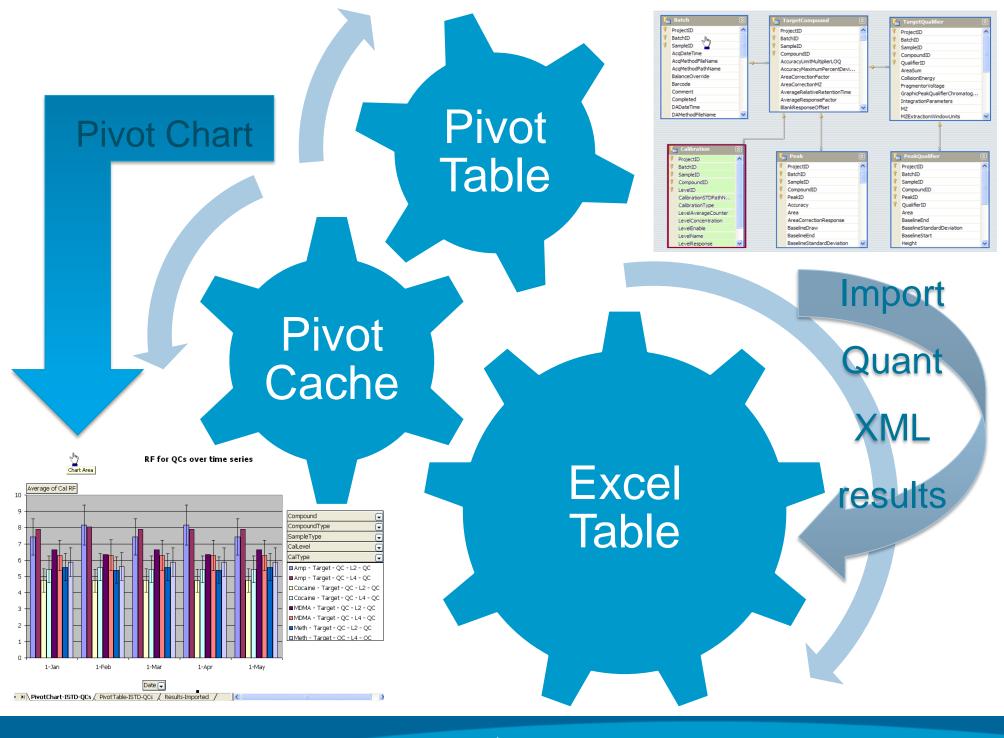














Welcome to MassHunter Quantitation Report System (QRS).

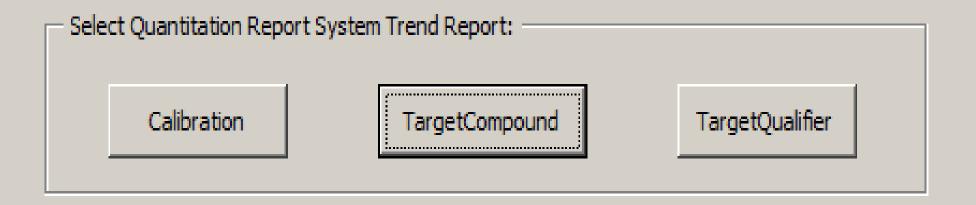
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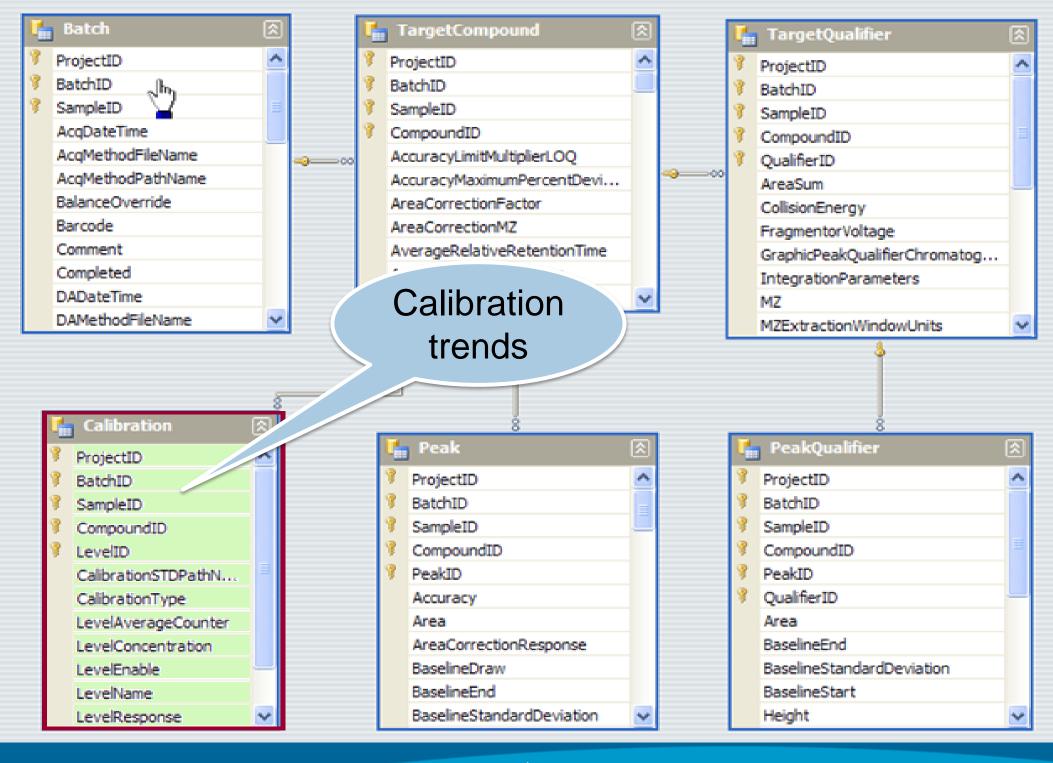
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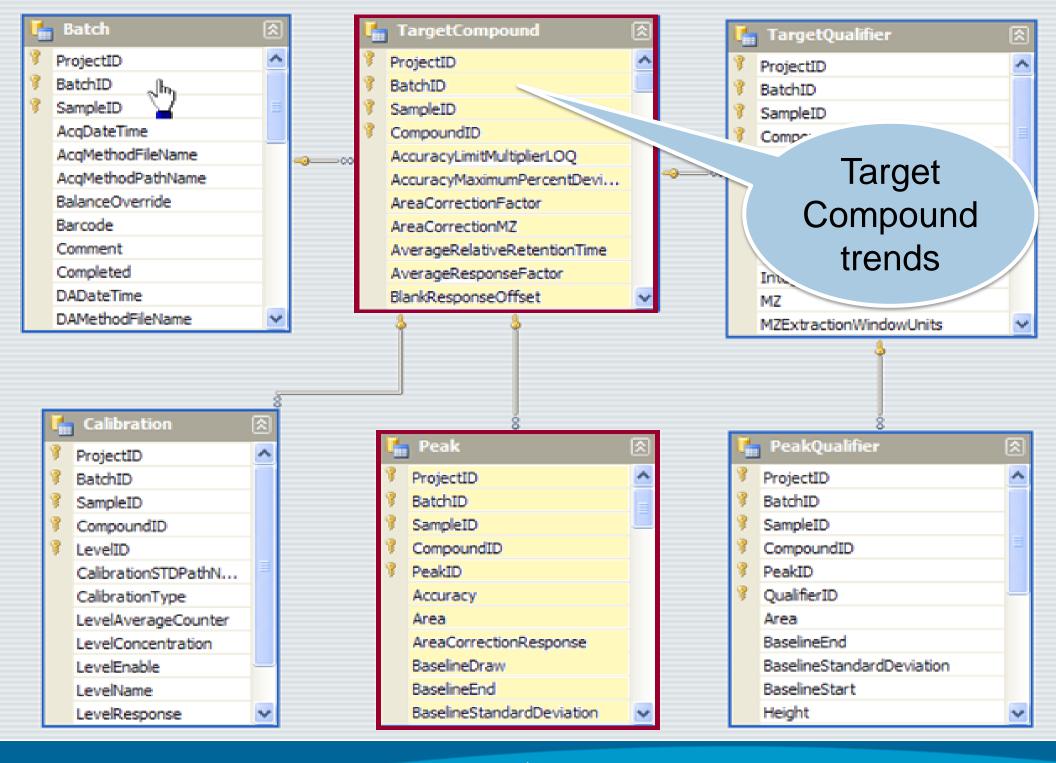
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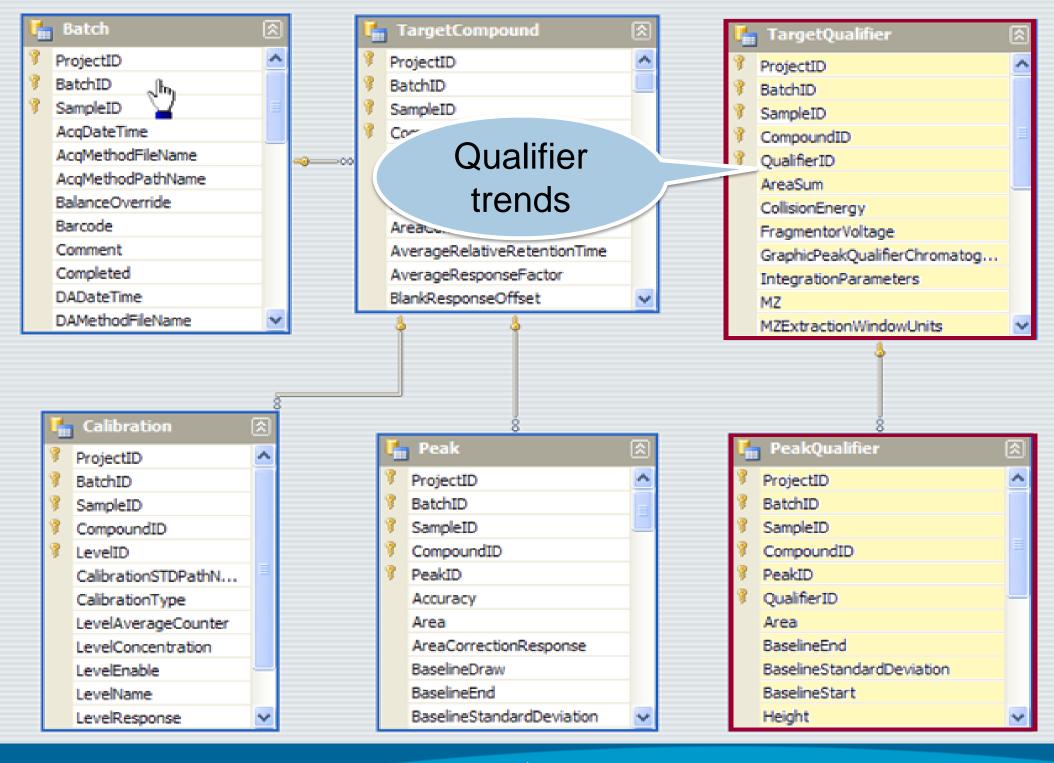
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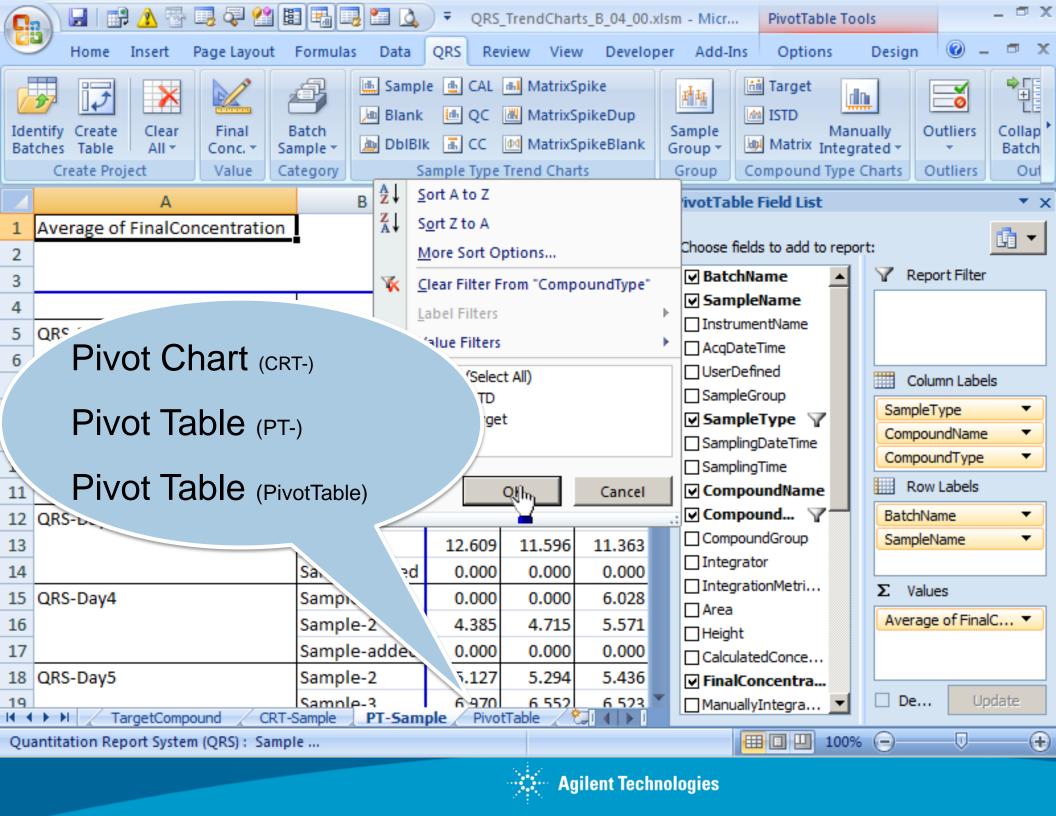








Pivot Table Data
Crunching for
Microsoft Office
Excel 2007
consolidates all the
best functionality of
pivot tables
including Using VBA
to Create Pivot
Tables



Sharing the Pivot Cache

Many times, you may have to analyze the same dataset in multiple ways. In most cases, this process requires you to create see that pivot tables from the same data source. You might remember that each time you create pivot table, you are storing a snapshot of your entire dataset in a pivot cache. Every pivot table, you are storing a snapshot of your entire that is created increases your memory usage and file size. Because of this increase in file you should consider sharing your pivot cache. That is, in those situations in which you cache to cache to table pivot tables. By using the same pivot cache for multiple pivot tables, you gain a sel of efficiency when it comes to memory usage and files size.

In previous versions of Excel, when you created used in another pivot table, Excel actually go cache. In Excel 2007, Excel gives you no stable in Excel 2007, a new pivot cache is exist for the dataset being used. The sibloats with redundant data each time y

You can easily work around this potent right. By simply copying a pivot table a pivot table, without duplicating the pivot as you want to the same pivot cache, with a Pivot Cache shared by
Pivot Tables. Different
Pivot Caches created for
Calibration
TargetCompound
Qualifier

being

Side Effects of Sharing a Pivot Cache

It's important to note that there are a few side effects to sharing a pivot cache. For example, suppose you have two pivot tables using the same pivot cache. Certain actions affect both pivot tables. They include



