

Waters® Breeze™ Systems

Finding Results Can Be A Breeze

Is this a concern for your Lab: Our laboratory performs many HPLC analyses per week. We have a “needle in a haystack” problem. It is very difficult to find a specific test result from the vast amount of collected data. Are there alternative approaches available today?

How to find that one result: A significant amount of information can be generated in today's laboratories. While many chromatography systems provide tools for data collection, few chromatography software packages help you find results from large volumes of collected information as shown in Figure 1. **How can Waters Breeze Software help you easily find that “ONE Important Result” from the 10,000 processed data files?**

Figure 1: Thousands of data files can quickly accumulate in today's analytical laboratories

Sample Name	Vial	Injection	Sample Type	Channel	Channel Description	Date Acquired	Acquisition Method
9977	UnknownB	8	1	Unknown	2487Channel 2	4/19/00 1:03:35 PM	PropyParaben
9978	PropyParaben4	4	1	Standard	2487Channel 2	4/19/00 12:34:01 PM	PropyParaben
9979	PropyParaben5	5	1	Standard	2487Channel 1	4/19/00 12:41:25 PM	PropyParaben
9980	PropyParaben5	5	1	Standard	2487Channel 2	4/19/00 12:41:25 PM	PropyParaben
9981	PropyParaben6	6	1	Standard	2487Channel 2	4/19/00 12:48:49 PM	PropyParaben
9982	PropyParaben2	2	1	Standard	2487Channel 1	4/19/00 1:40:39 PM	PropyParaben
9983	PropyParaben3	3	1	Standard	2487Channel 1	4/19/00 1:48:02 PM	PropyParaben
9984	PropyParaben4	4	1	Standard	2487Channel 1	4/19/00 1:55:28 PM	PropyParaben
9985	PropyParaben5	5	1	Standard	2487Channel 1	4/19/00 2:02:55 PM	PropyParaben
9986	PropyParaben6	6	1	Standard	2487Channel 1	4/19/00 2:10:17 PM	PropyParaben
9987	PropyParaben5	5	1	Standard	2487Channel 2	4/19/00 2:02:55 PM	PropyParaben
9988	PropyParaben4	4	1	Standard	2487Channel 2	4/19/00 1:55:28 PM	PropyParaben
9989	PropyParaben3	3	1	Standard	2487Channel 2	4/19/00 1:48:02 PM	PropyParaben
9990	PropyParaben1	1	1	Standard	2487Channel 2	4/19/00 1:33:15 PM	PropyParaben
9991	PropyParaben1	1	1	Standard	2487Channel 1	4/19/00 1:33:15 PM	PropyParaben
9992	PropyParaben6	6	1	Standard	2487Channel 1	4/19/00 12:48:49 PM	PropyParaben
9993	PropyParaben2	2	1	Standard	2487Channel 2	4/19/00 1:40:39 PM	PropyParaben
9994	PropyParaben2	2	1	Standard	2487Channel 1	4/19/00 12:19:13 PM	PropyParaben
9995	PropyParaben2	2	1	Standard	2487Channel 2	4/19/00 12:19:13 PM	PropyParaben
9996	PropyParaben3	3	1	Standard	2487Channel 1	4/19/00 12:26:37 PM	PropyParaben
9997	PropyParaben3	3	1	Standard	2487Channel 2	4/19/00 12:26:37 PM	PropyParaben
9998	PropyParaben4	4	1	Standard	2487Channel 1	4/19/00 12:34:01 PM	PropyParaben
9999	PropyParaben6	6	1	Standard	2487Channel 1	4/19/00 2:10:17 PM	PropyParaben
10000	Broad Unknown PS	6	2	Broad Unknown	410	6/19/00 7:59:52 PM	Default GPC Broad Std

Simply Search All Results for that “One Important Sample”: Rather than scrolling down a list of thousands of samples, Breeze software provides advanced search capabilities via use of a “built-in” relational database. As shown in Figure 2, simply type in the name of the result you seek. The rest is a Breeze!

Figure 2: Breeze Software lets you easily search for that important data

Select Result using Select Sample Name

Sample =One Important Result

Complete view filter selection criteria.

Reset OK Cancel Help

That “Needle in a Haystack” is revealed: Within seconds, Breeze software’s advanced search capabilities locates the information from 10,000 data files. You can also search the database of collected files based upon other criteria (See Figure 4). Finding information couldn’t be easier!

Figure 3: Breeze helps you find that “One Important Result” from the 10,000 data files

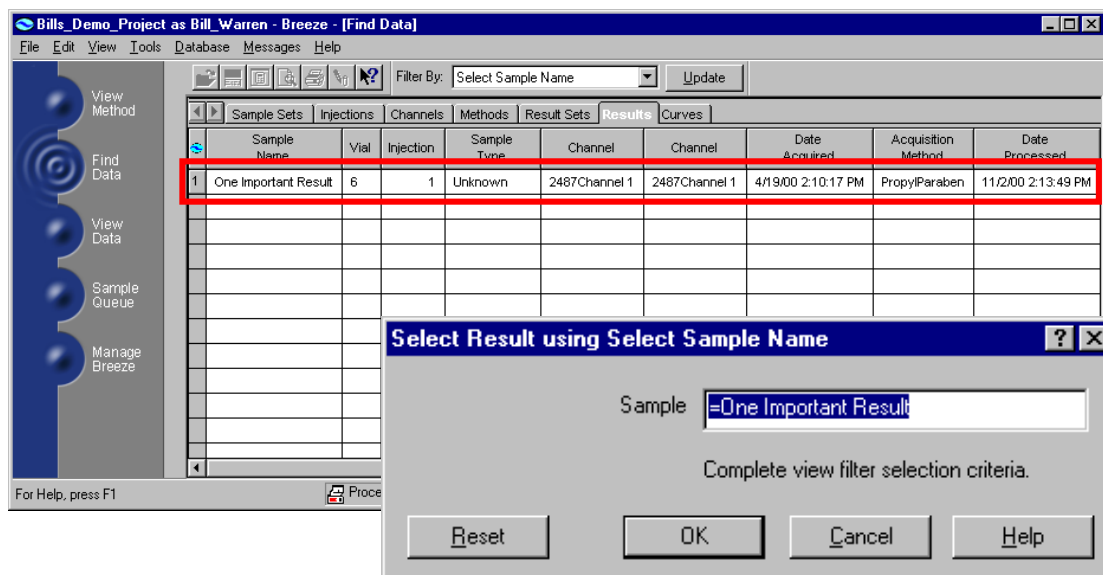
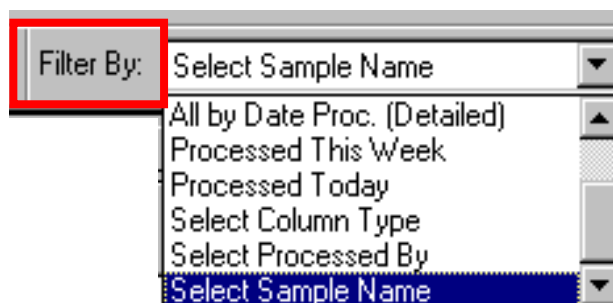


Figure 4: Finding results based upon different search criteria is a Breeze!



Summary:

- The ability to find chromatographic results from thousands of previously processed samples can be challenging.
- Many chromatography software packages help you run and process samples. Few assist when that “One Important Result” must be extracted from a vast array of previously collected data.
- The built-in relational database of Waters Breeze HPLC software significantly reduces the time and cost involved in finding chromatographic information in today’s busy analytical laboratories.