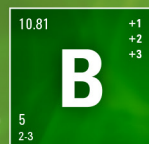
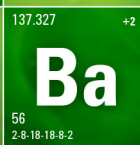


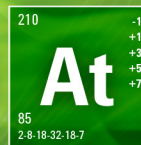
AGILENT TECHNOLOGIES PRESENTS THE 2015 US SEMINAR TOUR:



REAKING



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2015 US SEMINAR TOUR – www.agilent.com/chem/BBCH

Please join us as our technical experts provide you with valuable tools to assist you in creating better chromatography habits to increase your productivity. Whether or not you have an Agilent LC or GC, this seminar is designed to get you the highest performance from your system.

Attend both sessions—LC in the morning, GC in the afternoon—or pick one. Registration is free but seating is limited. To guarantee your spot, register today at www.agilent.com/chem/BBCH

HPLC and Sample Preparation Agenda - Morning Session 8:00 am – 12 noon

8:00 a.m.	– 8:30 a.m.	Registration and Continental Breakfast
8:30 a.m.	– 9:30 a.m.	Gradient Design and Development – Breaking the Bad Gradient Cycle
9:30 a.m.	– 9:45 a.m.	Break
9:45 a.m.	– 10:45 a.m.	Good Habits for Successful Gradient Separations
10:45 a.m.	– 11:00 a.m.	Break
11:00 a.m.	– Noon	Clean up your act...with QuEChERS and SPE

GC Agenda - Afternoon Session 12:30 – 3:15 pm

Noon	– 1:00 p.m.	Complimentary lunch for those attending the GC Afternoon Session
12:30 p.m.	– 1:00 p.m.	Registration for GC Afternoon Session
1:00 p.m.	– 2:00 p.m.	Advanced GC Troubleshooting – Part 1, The Biggest Part of the Problem
2:00 p.m.	– 2:15 p.m.	Break
2:15 p.m.	– 3:15 p.m.	Advanced GC Troubleshooting – Part 2, The Other 1% of the Story

Benefits From Attending:

- Valuable tools to get the most out of your LC and GC.
- Face-to-face time with our Application Scientists.
- Complimentary breakfast and lunch.
- Certificate of attendance upon request.
- Coupon for 25% discount on your next purchase for any Agilent LC or GC column, 5 packs of SPE products, and your most often used GC and LC supplies*.

* Some restrictions do apply.
This information is subject to change without notice.
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A FREE seminar designed to get the highest performance from your GC or LC instrument.

Our technical experts will provide you with the valuable tools needed to accelerate your instrument towards unmatched performance and productivity. This seminar is designed to give you real-world knowledge that can be applied immediately in your lab.

You won't want to miss this excellent opportunity and space is limited.

For seminar abstracts or to register today, visit www.agilent.com/chem/BBCH

Please see next page for dates and locations.



Agilent Technologies



2015 US SEMINAR TOUR - agilent.com/chem/BBCH

Tuesday, February 10, 2015

Irvine, CA

Embassy Suites Santa Ana
Orange County Airport North
1325 E. Dyer Road
Santa Ana, CA 92705
714.241.3355

Thursday, February 12, 2015

Phoenix, AZ

Embassy Suites Phoenix - Tempe
4400 South Rural Road
Tempe, AZ 85282
480.682.0131

Tuesday, March 10, 2015

Dallas, TX

Embassy Suites Dallas Love Field
3880 W. North West Highway
Dallas, TX 75220
214.357.4500

Wednesday, March 11, 2015

Austin, TX

Culinaire at Embassy Suites, Austin Central
5901 N. Highway I-35
Austin, TX 78723
512.519.0466

Thursday, March 12, 2015

San Antonio, TX

Embassy Suites San Antonio
Riverwalk-Downtown
125 E. Houston
San Antonio, TX 78205
210.226.9000

Tuesday, March 24, 2015

Seattle, WA

Bellevue Club Hotel
11200 Southeast Sixth Street
Bellevue, WA 98004
425.688.3380

Thursday, March 26, 2015

Sacramento, CA

Hilton Sacramento Arden West
2200 Harvard Street
Sacramento, CA 95815
916.604.3597

Tuesday, April 07, 2015

Houston, TX

Houston Marriott South Hobby Airport
9100 Gulf Freeway
Houston, TX 77017
713.943.7979

Thursday, April 09, 2015

Baton Rouge, LA

Baton Rouge Marriott
5500 Hilton Avenue
Baton Rouge, Louisiana 70808
225.924.5000

Tuesday, April 21, 2015

Memphis, TN

Hilton Memphis
939 Ridge Lake Blvd.
Memphis, TN 38120
901.684.6664

Thursday, April 23, 2015

St. Louis, MO

DoubleTree Hilton St. Louis - Westport
1973 Craigshire Road
Saint Louis, Missouri, 63146
314.434.0100

Tuesday, May 19, 2015

Kansas City, KS

DoubleTree Kansas City - Overland Park
10100 College Blvd.
Overland Park, Kansas 66210
913.451.6100

Thursday, May 21, 2015

Wichita, KS

Hyatt Regency Wichita
400 West Waterman Street
Wichita, Kansas 67202
316.293.1234

Tuesday, June 09, 2015

Omaha, NE

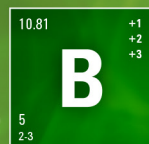
Hilton Omaha
1001 Cass Street
Omaha, NE 68102
402.998.3400

Thursday, June 11, 2015

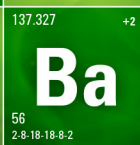
Ankeny, IA

Hampton Inn & Suites Ankeny
6210 SE Convenience Blvd
Ankeny, Iowa 50021
515.261.4400

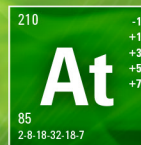




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SEMINAR TOPICS AND DESCRIPTIONS

Breaking Bad ... Gradient Habits

LC gradients are very useful for achieving efficient separations of complex samples. With the development of better gradient capable instruments the use of gradient methods is rapidly increasing. Unfortunately, developing and using successful gradients is more of a challenge than simple isocratic methods. Many of the LC practices and habits we learn over time can cause problems in gradient separations. These LC sessions contain information on developing reliable gradient methods and good habits to employ for long term gradient method reliability.

Gradient Design and Development – Breaking the Bad Gradient Cycle

In this session we will define gradient separations and review equations that define the gradient process. From there we will move to a discussion on determining when a gradient is more appropriate than isocratic and using a simple experimental process for that determination. The next step is to present a logical process for creating a gradient method. Since many gradient methods are longer than needed we will also explore techniques for shortening existing methods.

Good Habits for Successful Gradient Separations

Developing good gradient habits is the key to long term success. In this session we will start by discussing what it takes to maximize gradient efficiency by balancing gradient speed with adequate resolution needs. Since even the best gradient can be compromised we are going to look at optimizing LC system performance by minimizing un-needed physical volume, making full use of system functions for maximum efficiency, and understanding the gradient delay volume effect on performance. Last but not least, we will demonstrate successfully transferring gradients from one instrument to another.

Clean up your act...with QuEChERS and SPE

Many chromatography problems can be traced to inefficient sample clean up. Learn how to develop QuEChERS and Solid Phase Extraction methods for a variety of compounds and matrices following a systematic, time-saving approach.

Advanced GC Troubleshooting – Part 1 The Biggest Part of the Problem

The main problem that we deal with in Gas Chromatography is that there are more things that don't want to flow through a GC than do. That means that 99% of all problems experienced in GC are sample introduction or inlet related. How effectively and efficiently our sample is introduced into the GC and our GC column can cause drastic differences with respect to our resolution. In this first talk, we will discuss the variables we deal with in our inlet such as flow and temperature, as well as the contamination issues we encounter and how we can troubleshoot what might be causing us problems.

Advanced GC Troubleshooting – Part 2, The Other 1% of the Story

Although the majority of our problems lie in the inlet, we need to look at the entire flow path, column and detector for all other issues. The second talk will focus more downstream of our inlet after sample introduction. We will also discuss tools and tips to help us determine where our problems are and how to solve them. Finally, we will look at common maintenance items that need to be routinely done. After all, "An ounce of prevention is worth a pound of cure".

ADDITIONAL WORKFLOW RESOURCES: Take the guesswork out of finding the right columns, sample prep, and supplies with these helpful online tools by visiting www.agilent.com/chem/selectiontools

