Empower® Software Tutorial: Step-by-Step Project Creation

Waters
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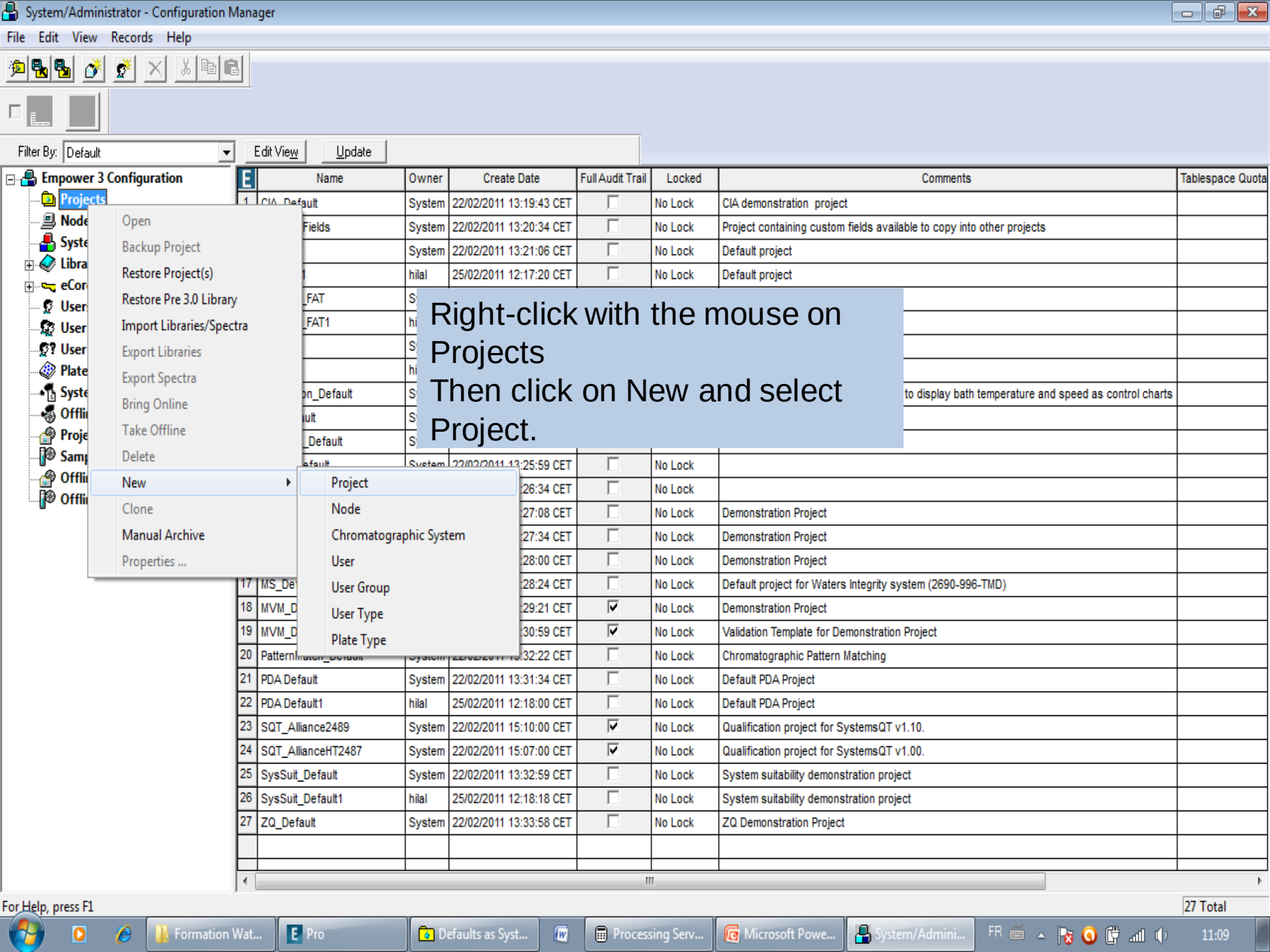
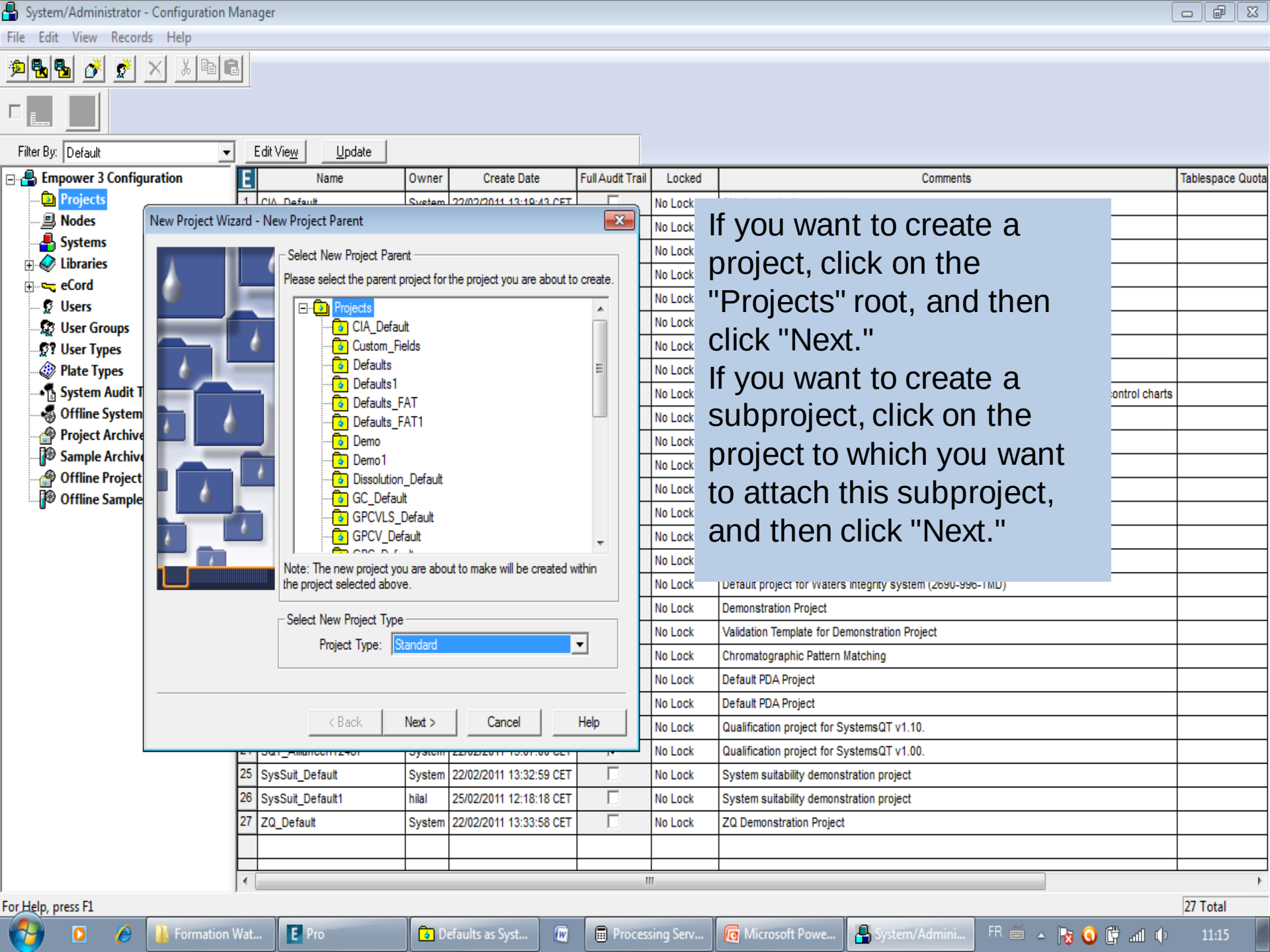
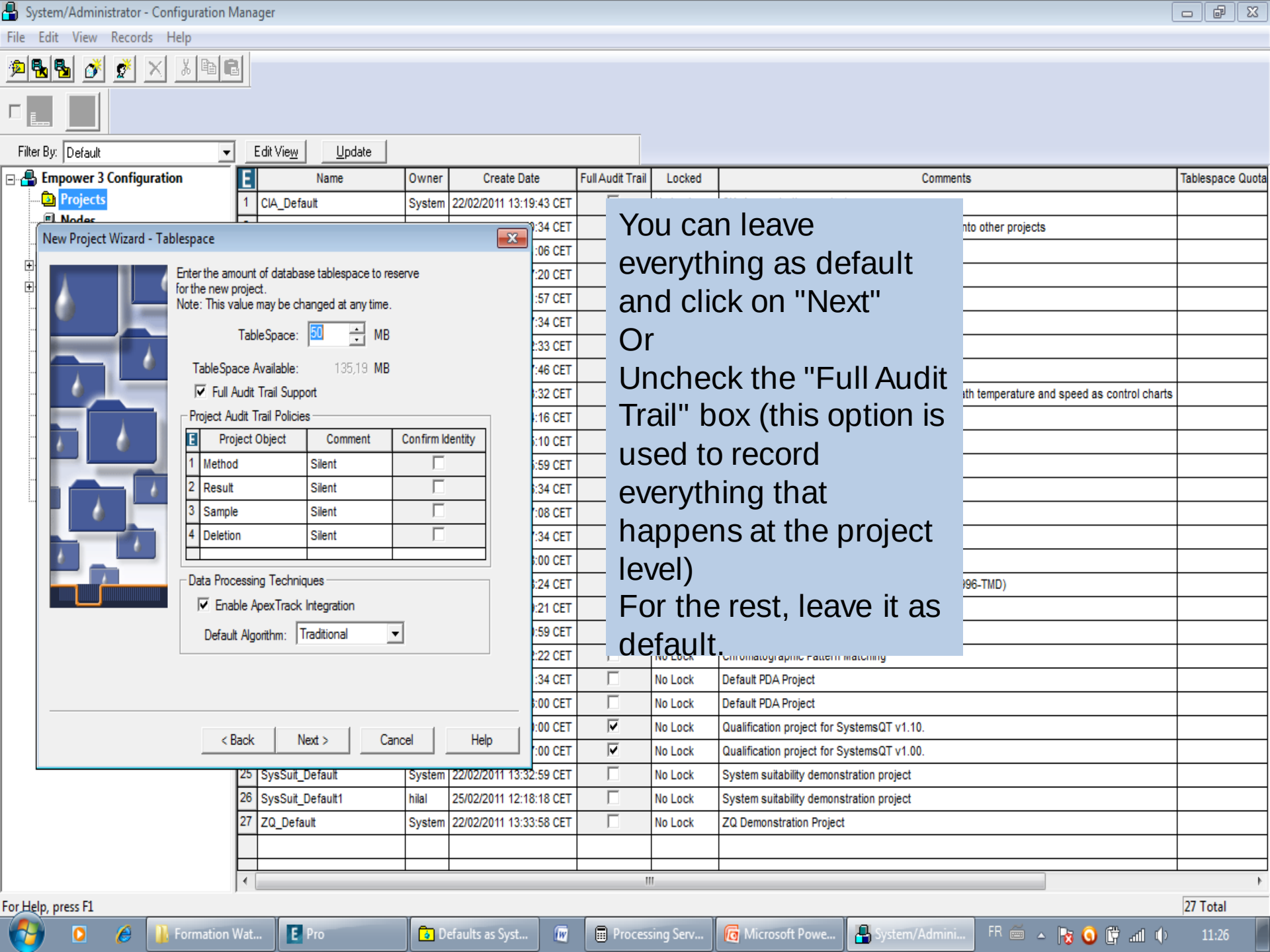
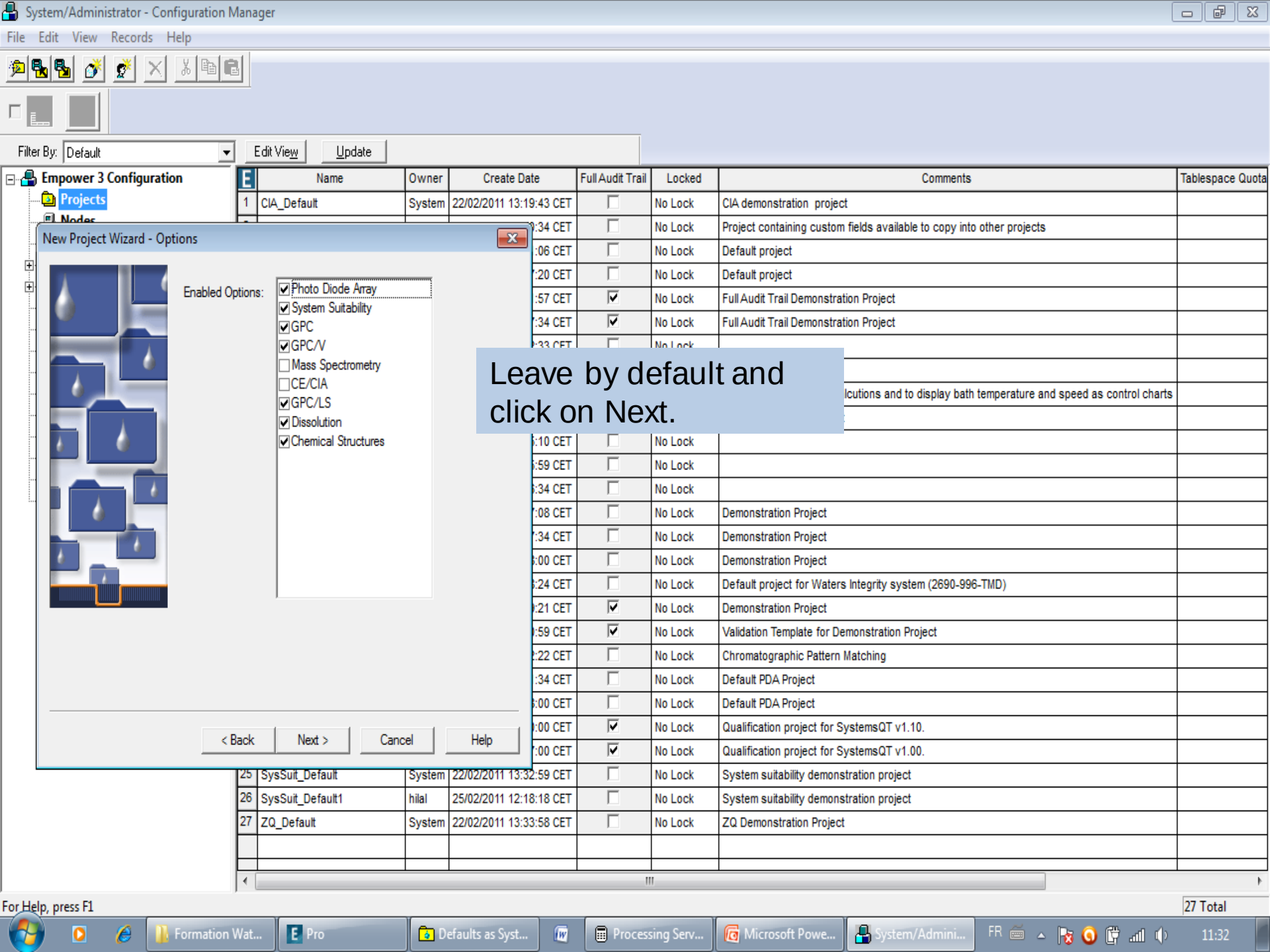
Click on "Configure the System."

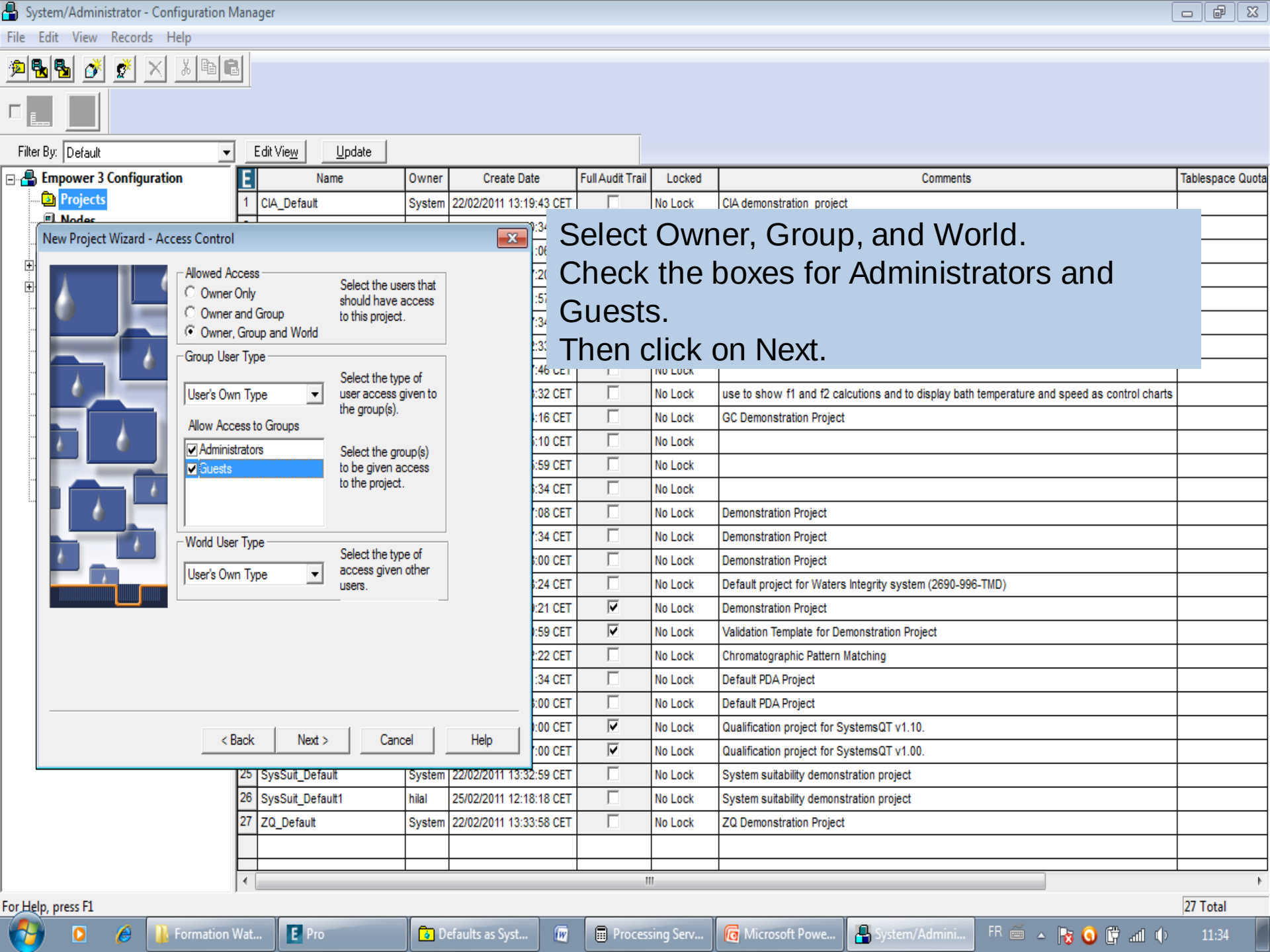


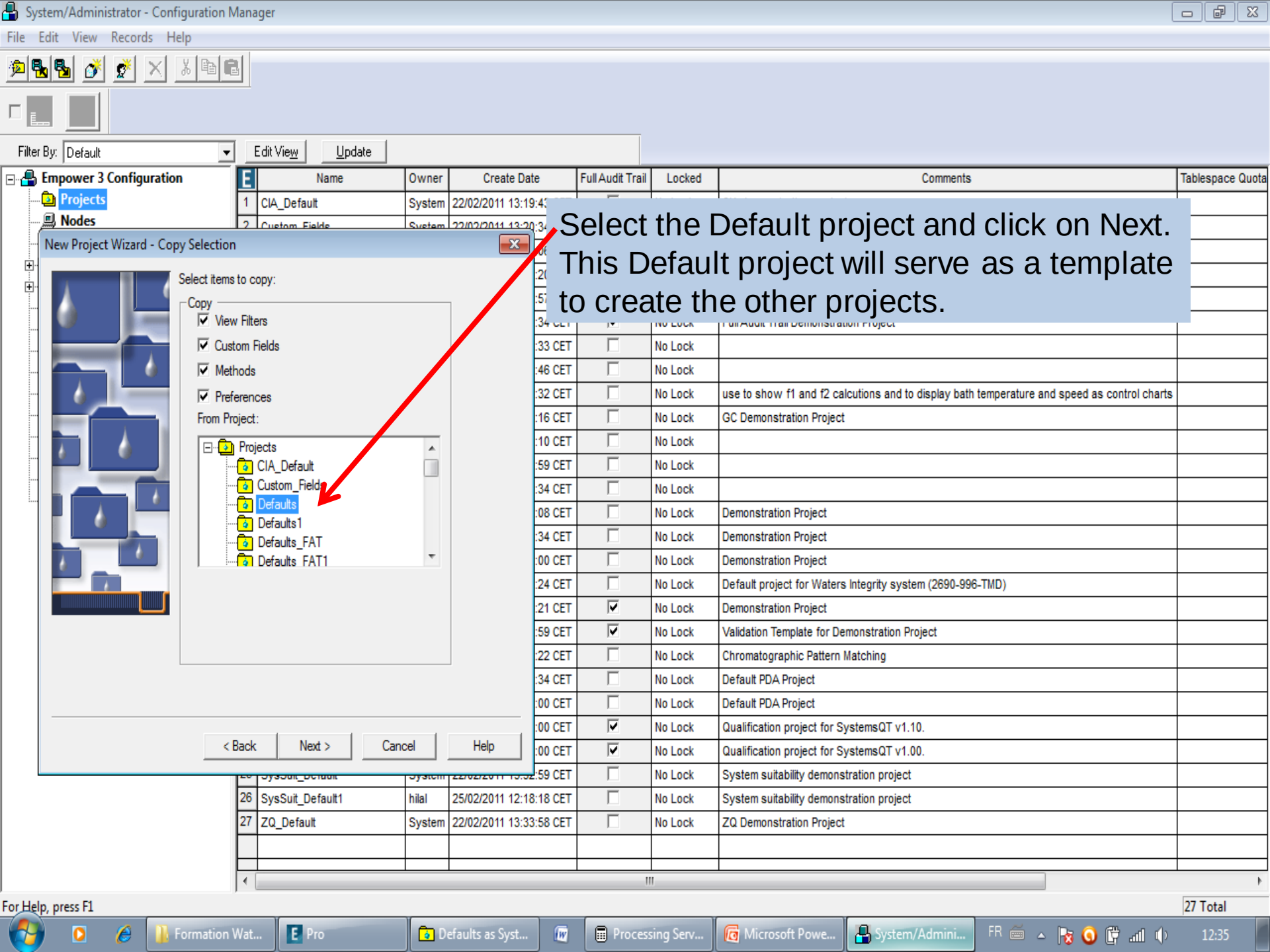
	Name	Owner	Create Date	Full Audit Trail	Locked	Comments	Tablespace Quota
1	CIA_Default	System	22/02/2011 13:19:43 CET	☐	No Lock	CIA demonstration project	
2	Fields	System	22/02/2011 13:20:34 CET	☐	No Lock	Project containing custom fields available to copy into other projects	
		System	22/02/2011 13:21:06 CET	☐	No Lock	Default project	
	1	hilal	25/02/2011 12:17:20 CET	☐	No Lock	Default project	
	_FAT	S					
	_FAT1	hi					
		S					
		hi					
	on_Default	S				to display bath temperature and speed as control charts	
	ult	S					
	_Default	S					
	default	System	22/02/2011 13:25:59 CET	☐	No Lock		
			26:34 CET	☐	No Lock		
			27:08 CET	☐	No Lock	Demonstration Project	
			27:34 CET	☐	No Lock	Demonstration Project	
			28:00 CET	☐	No Lock	Demonstration Project	
17	MS_De		28:24 CET	☐	No Lock	Default project for Waters Integrity system (2690-996-TMD)	
18	MVM_D		29:21 CET	☑	No Lock	Demonstration Project	
19	MVM_D		30:59 CET	☑	No Lock	Validation Template for Demonstration Project	
20	PatternMatch_Default	System	22/02/2011 13:32:22 CET	☐	No Lock	Chromatographic Pattern Matching	
21	PDA Default	System	22/02/2011 13:31:34 CET	☐	No Lock	Default PDA Project	
22	PDA Default1	hilal	25/02/2011 12:18:00 CET	☐	No Lock	Default PDA Project	
23	SQT_Alliance2489	System	22/02/2011 15:10:00 CET	☑	No Lock	Qualification project for SystemsQT v1.10.	
24	SQT_AllianceHT2487	System	22/02/2011 15:07:00 CET	☑	No Lock	Qualification project for SystemsQT v1.00.	
25	SysSuit_Default	System	22/02/2011 13:32:59 CET	☐	No Lock	System suitability demonstration project	
26	SysSuit_Default1	hilal	25/02/2011 12:18:18 CET	☐	No Lock	System suitability demonstration project	
27	ZQ_Default	System	22/02/2011 13:33:58 CET	☐	No Lock	ZQ Demonstration Project	

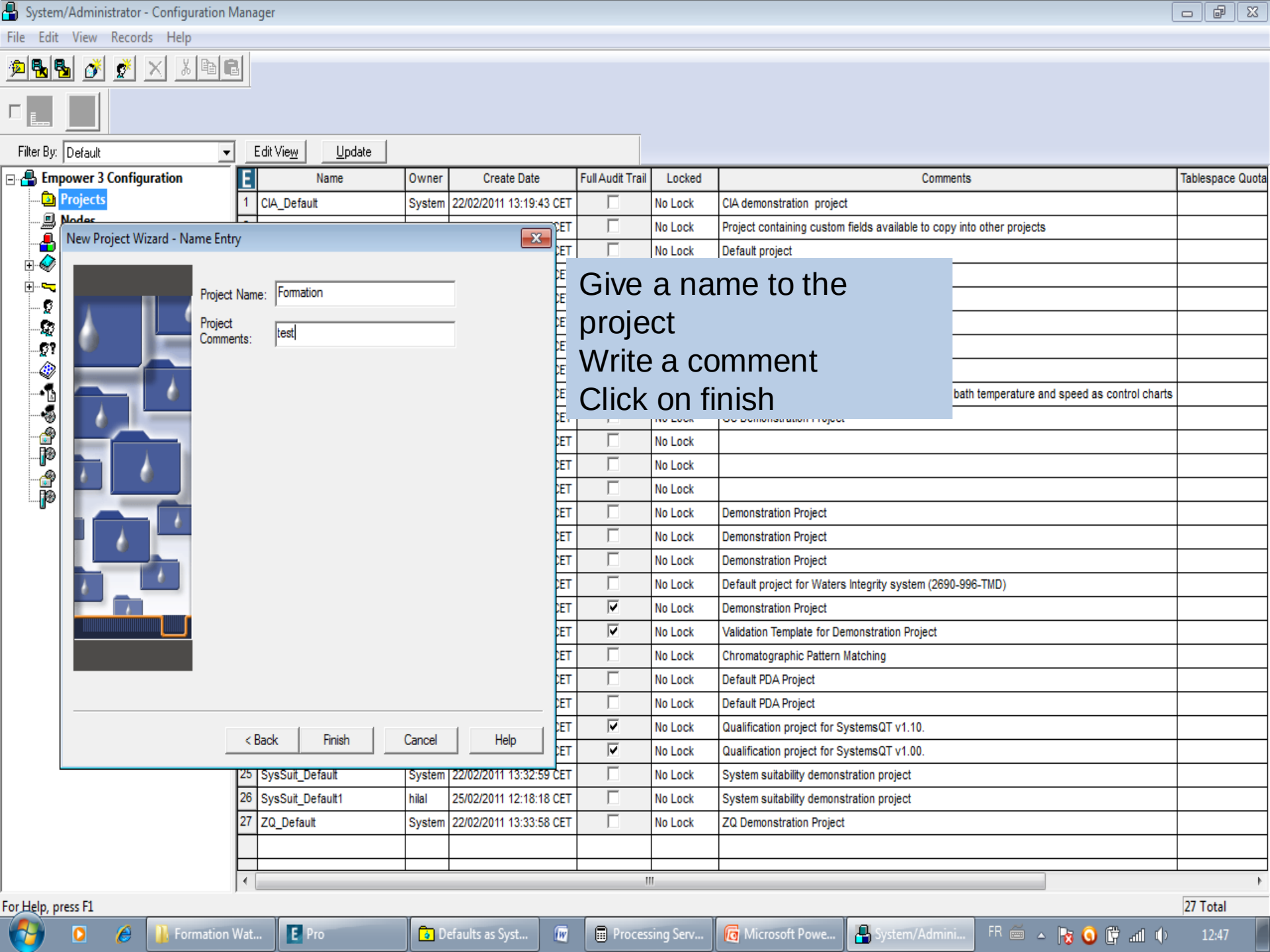

System/Administrator - Configuration Manager
File Edit View Records Help
Filter By: Default
Edit View
Update
Empower 3 Configuration
Projects
Nodes
Systems
Libraries
eCord
Users
User Groups
User Types
Plate Types
System Audit T
Offline System
Project Archive
Sample Archive
Offline Project
Offline Sample
Name
Owner
Create Date
Full Audit Trail
Locked
Comments
Tablespace Quota
New Project Wizard - New Project Parent
Select New Project Parent
Please select the parent project for the project you are about to create.
Projects
CIA_Default
Custom_Fields
Defaults
Defaults1
Defaults_FAT
Defaults_FAT1
Demo
Demo1
Dissolution_Default
GC_Default
GPCVLS_Default
GPCV_Default
Note: The new project you are about to make will be created within the project selected above.
Select New Project Type
Project Type: Standard
< Back
Next >
Cancel
Help
If you want to create a project, click on the "Projects" root, and then click "Next."
If you want to create a subproject, click on the project to which you want to attach this subproject, and then click "Next."
No Lock
Demonstration Project
Validation Template for Demonstration Project
Chromatographic Pattern Matching
Default PDA Project
Default PDA Project
Qualification project for SystemsQT v1.10.
Qualification project for SystemsQT v1.00.
25 SysSuit_Default System 22/02/2011 13:32:59 CET
System suitability demonstration project
26 SysSuit_Default1 hilal 25/02/2011 12:18:18 CET
System suitability demonstration project
27 ZQ_Default System 22/02/2011 13:33:58 CET
ZQ Demonstration Project
For Help, press F1
27 Total
Formation Wat...
Pro
Defaults as Syst...
Processing Serv...
Microsoft Powe...
System/Admini...
FR
11:15


System/Administrator - Configuration Manager
File Edit View Records Help
Filter By: Default
Edit View
Update
Empower 3 Configuration
Projects
Nodes
New Project Wizard - Tablespace
Enter the amount of database tablespace to reserve for the new project.
Note: This value may be changed at any time.
TableSpace: 50 MB
TableSpace Available: 135,19 MB
Full Audit Trail Support
Project Audit Trail Policies
Project Object | Comment | Confirm Identity
1 Method Silent
2 Result Silent
3 Sample Silent
4 Deletion Silent
Data Processing Techniques
Enable ApexTrack Integration
Default Algorithm: Traditional
< Back
Next >
Cancel
Help
You can leave everything as default and click on "Next"
Or
Uncheck the "Full Audit Trail" box (this option is used to record everything that happens at the project level)
For the rest, leave it as default.
Name | Owner | Create Date | Full Audit Trail | Locked | Comments | Tablespace Quota
1 CIA_Default System 22/02/2011 13:19:43 CET
25 SysSuit_Default System 22/02/2011 13:32:59 CET No Lock System suitability demonstration project
26 SysSuit_Default1 hilal 25/02/2011 12:18:18 CET No Lock System suitability demonstration project
27 ZQ_Default System 22/02/2011 13:33:58 CET No Lock ZQ Demonstration Project
For Help, press F1
27 Total


System/Administrator - Configuration Manager
File Edit View Records Help
Filter By: Default
Edit View
Update
Empower 3 Configuration
Projects
New Project Wizard - Options
Enabled Options:
Photo Diode Array
System Suitability
GPC
GPC/V
Mass Spectrometry
CE/CIA
GPC/LS
Dissolution
Chemical Structures
< Back
Next >
Cancel
Help
Leave by default and click on Next.
Name
Owner
Create Date
Full Audit Trail
Locked
Comments
Tablespace Quota
1 CIA_Default System 22/02/2011 13:19:43 CET No Lock CIA demonstration project
No Lock Project containing custom fields available to copy into other projects
No Lock Default project
No Lock Default project
No Lock Full Audit Trail Demonstration Project
No Lock Full Audit Trail Demonstration Project
No Lock Demonstration Project
No Lock Demonstration Project
No Lock Demonstration Project
No Lock Default project for Waters Integrity system (2690-996-TMD)
No Lock Demonstration Project
No Lock Validation Template for Demonstration Project
No Lock Chromatographic Pattern Matching
No Lock Default PDA Project
No Lock Default PDA Project
No Lock Qualification project for SystemsQT v1.10.
No Lock Qualification project for SystemsQT v1.00.
25 SysSuit_Default System 22/02/2011 13:32:59 CET No Lock System suitability demonstration project
26 SysSuit_Default1 hilal 25/02/2011 12:18:18 CET No Lock System suitability demonstration project
27 ZQ_Default System 22/02/2011 13:33:58 CET No Lock ZQ Demonstration Project
For Help, press F1
27 Total
Formation Wat...
Pro
Defaults as Syst...
Processing Serv...
Microsoft Powe...
System/Admini...
FR
11:32


System/Administrator - Configuration Manager
File Edit View Records Help
Filter By: Default
Edit View
Update
Empower 3 Configuration
Projects
Nodes
New Project Wizard - Access Control
Allowed Access
Owner Only
Owner and Group
Owner, Group and World
Select the users that should have access to this project.
Group User Type
User's Own Type
Select the type of user access given to the group(s).
Allow Access to Groups
Administrators
Guests
Select the group(s) to be given access to the project.
World User Type
User's Own Type
Select the type of access given other users.
< Back
Next >
Cancel
Help
Select Owner, Group, and World.
Check the boxes for Administrators and Guests.
Then click on Next.
For Help, press F1
27 Total


System/Administrator - Configuration Manager
File Edit View Records Help
Filter By: Default
Edit View
Update
Empower 3 Configuration
Projects
Nodes
Name
Owner
Create Date
Full Audit Trail
Locked
Comments
Tablespace Quota
1 CIA_Default System 22/02/2011 13:19:43
No Lock
No Lock
use to show f1 and f2 calcutions and to display bath temperature and speed as control charts
GC Demonstration Project
No Lock
No Lock
No Lock
Demonstration Project
Demonstration Project
Demonstration Project
Default project for Waters Integrity system (2690-996-TMD)
Demonstration Project
Validation Template for Demonstration Project
No Lock
Chromatographic Pattern Matching
No Lock
Default PDA Project
No Lock
Default PDA Project
No Lock
Qualification project for SystemsQT v1.10.
No Lock
Qualification project for SystemsQT v1.00.
No Lock
System suitability demonstration project
26 SysSuit_Default1 hilal 25/02/2011 12:18:18 CET
No Lock
System suitability demonstration project
27 ZQ_Default System 22/02/2011 13:33:58 CET
No Lock
ZQ Demonstration Project
New Project Wizard - Copy Selection
Select items to copy:
Copy
View Filters
Custom Fields
Methods
Preferences
From Project:
Projects
CIA_Default
Custom_Fields
Defaults
Defaults1
Defaults_FAT
Defaults_FAT1
< Back
Next >
Cancel
Help
Select the Default project and click on Next.
This Default project will serve as a template
to create the other projects.
For Help, press F1
27 Total
Formation Wat...
Pro
Defaults as Syst...
Processing Serv...
Microsoft Powe...
System/Admini...
FR
12:35


System/Administrator - Configuration Manager
File Edit View Records Help
Filter By: Default
Edit View
Update
Empower 3 Configuration
Projects
Nodes
New Project Wizard - Name Entry
Project Name: Formation
Project Comments: test
< Back
Finish
Cancel
Help
Give a name to the project
Write a comment
Click on finish
Name Owner Create Date Full Audit Trail Locked Comments Tablespace Quota
1 CIA_Default System 22/02/2011 13:19:43 CET No Lock CIA demonstration project
No Lock Project containing custom fields available to copy into other projects
No Lock Default project
bath temperature and speed as control charts
No Lock
No Lock
No Lock
No Lock Demonstration Project
No Lock Demonstration Project
No Lock Demonstration Project
No Lock Default project for Waters Integrity system (2690-996-TMD)
No Lock Demonstration Project
No Lock Validation Template for Demonstration Project
No Lock Chromatographic Pattern Matching
No Lock Default PDA Project
No Lock Default PDA Project
No Lock Qualification project for SystemsQT v1.10.
No Lock Qualification project for SystemsQT v1.00.
25 SysSuit_Default System 22/02/2011 13:32:59 CET No Lock System suitability demonstration project
26 SysSuit_Default1 hilal 25/02/2011 12:18:18 CET No Lock System suitability demonstration project
27 ZQ_Default System 22/02/2011 13:33:58 CET No Lock ZQ Demonstration Project
For Help, press F1
27 Total
Formation Wat...
Pro
Defaults as Syst...
Processing Serv...
Microsoft Powe...
System/Admini...
FR
12:47

System/Administrator - Configuration Manager

File Edit View Records Help

Filter By: Default | Edit View | Update

- Empower 3 Configuration
  - Projects
  - Nodes
  - Systems
  - Libraries
  - eCord
  - Users
  - User Groups
  - User Types
  - Plate Types
  - System Audit Trail
  - Offline System Audit Trail
  - Project Archives
  - Sample Archives
  - Offline Project Archives
  - Offline Sample Archives

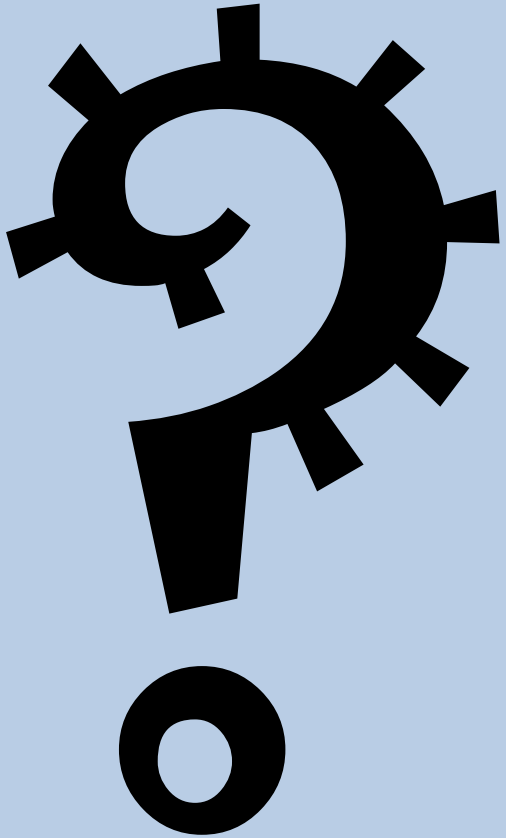
	Name	Owner	Create Date	Full Audit Trail	Locked	Comments	Tablespace Quota
1	CIA_Default	System	22/02/2011 13:				
2	Custom_Fields	System	22/02/2011 13:			available to copy into other projects	
3	Defaults	System	22/02/2011 13:				
4	Defaults1	hilal	25/02/2011 12:				
5	Defaults_FAT	System	22/02/2011 13:			oject	
6	Defaults_FAT1	hilal	25/02/2011 12:			oject	
7	Demo	System	22/02/2011 13:				
8	Demo1	hilal	25/02/2011 12:				
9	Dissolution_Default	Syst	2011 13:			ns and to display bath temperature and speed as control charts	
10	Formation	System	21/04/2011 11:47:57 CET	☑	No Lock	test	
11	GC_Default	System	22/02/2011 13:24:16 CET	☐	No Lock	GC Demonstration Project	
12	GPCVLS_Default	System	22/02/2011 13:25:10 CET	☐	No Lock		
13	GPCV_Default	System	22/02/2011 13:25:59 CET	☐	No Lock		
14	GPC_Default	System	22/02/2011 13:26:34 CET	☐	No Lock		
15	LIMS_ASCII_Andi	System	22/02/2011 13:27:08 CET	☐	No Lock	Demonstration Project	
16	LIMS_LabSystems	System	22/02/2011 13:27:34 CET	☐	No Lock	Demonstration Project	
17	LIMS_PE	System	22/02/2011 13:28:00 CET	☐	No Lock	Demonstration Project	
18	MS_Default	System	22/02/2011 13:28:24 CET	☐	No Lock	Default project for Waters Integrity system (2690-996-TMD)	
19	MVM_Defaults	System	22/02/2011 13:29:21 CET	☑	No Lock	Demonstration Project	
20	MVM_Defaults_Val_Template	System	22/02/2011 13:30:59 CET	☑	No Lock	Validation Template for Demonstration Project	
21	PatternMatch_Default	System	22/02/2011 13:32:22 CET	☐	No Lock	Chromatographic Pattern Matching	
22	PDA Default	System	22/02/2011 13:31:34 CET	☐	No Lock	Default PDA Project	
23	PDA Default1	hilal	25/02/2011 12:18:00 CET	☐	No Lock	Default PDA Project	
24	SQT_Alliance2489	System	22/02/2011 15:10:00 CET	☑	No Lock	Qualification project for SystemsQT v1.10.	
25	SQT_AllianceHT2487	System	22/02/2011 15:07:00 CET	☑	No Lock	Qualification project for SystemsQT v1.00.	
26	SysSuit_Default	System	22/02/2011 13:32:59 CET	☐	No Lock	System suitability demonstration project	
27	SysSuit_Default1	hilal	25/02/2011 12:18:18 CET	☐	No Lock	System suitability demonstration project	
28	ZQ_Default	System	22/02/2011 13:33:58 CET	☐	No Lock	ZQ Demonstration Project	

Congratulations, you have created your first project!

For Help, press F1

28 Total

Formation Wat... | Pro | Defaults as Syst... | Processing Serv... | Microsoft Powe... | System/Admini... | FR | 12:48



Guide to Creating Method Sets and Sample Sets

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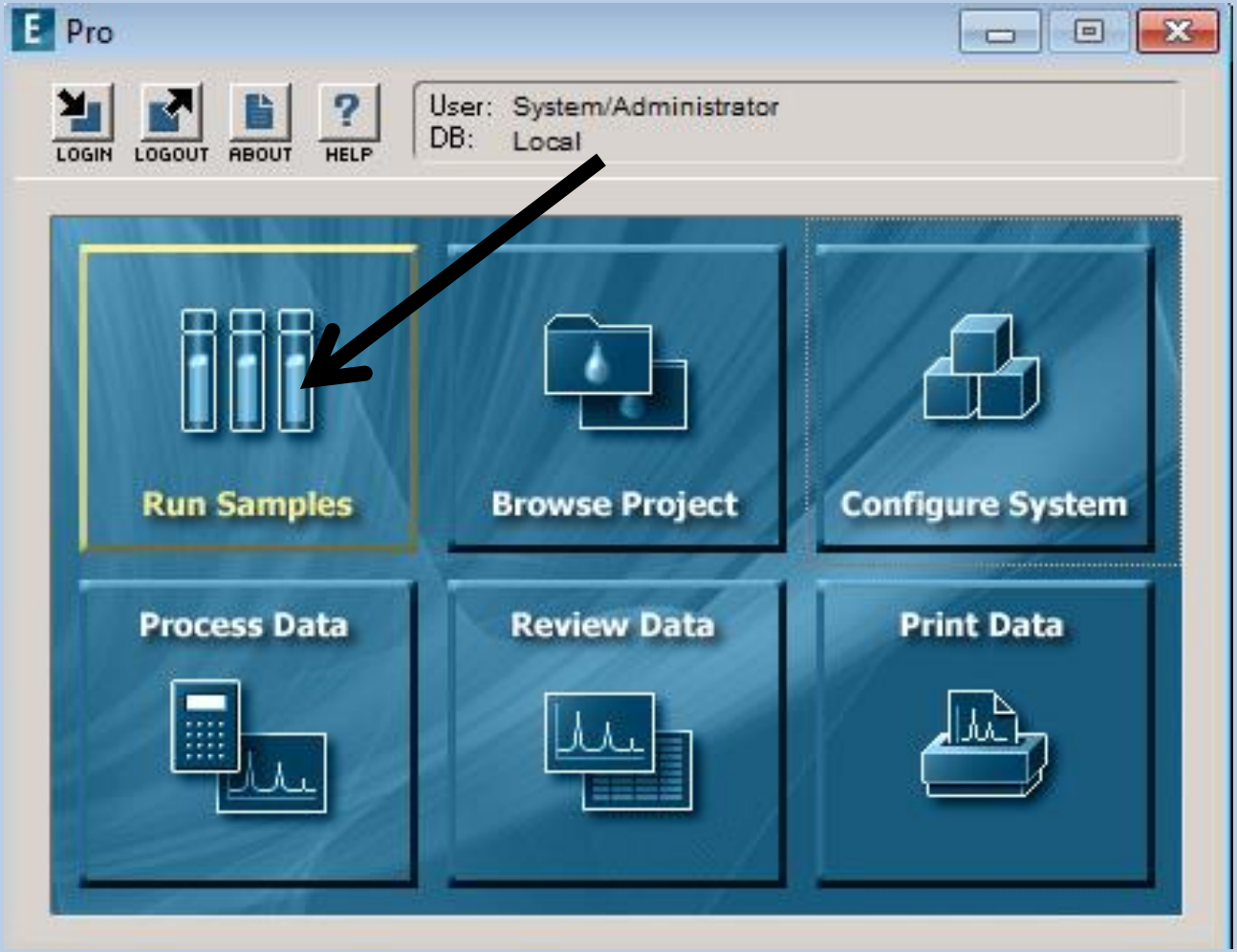
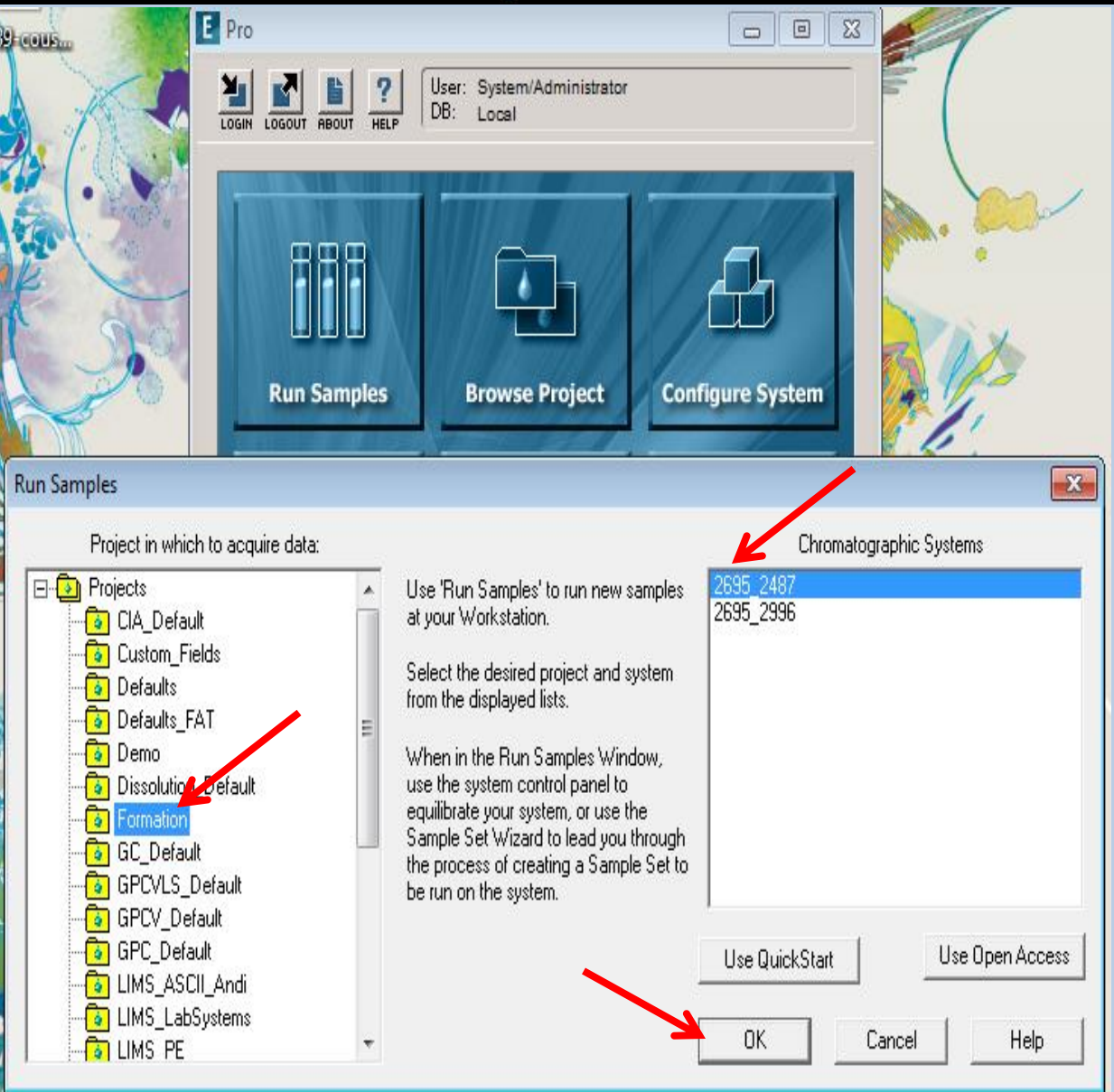
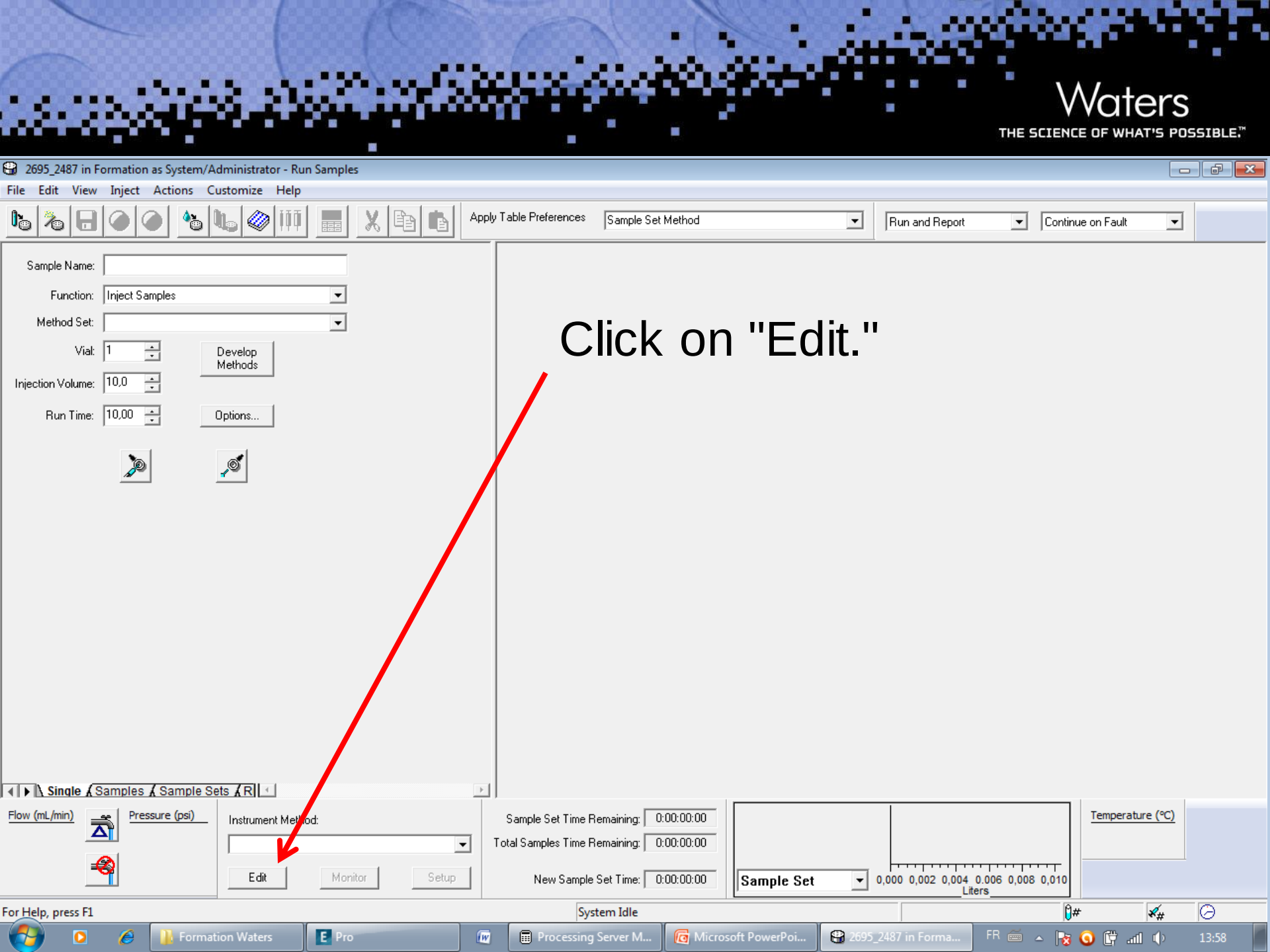
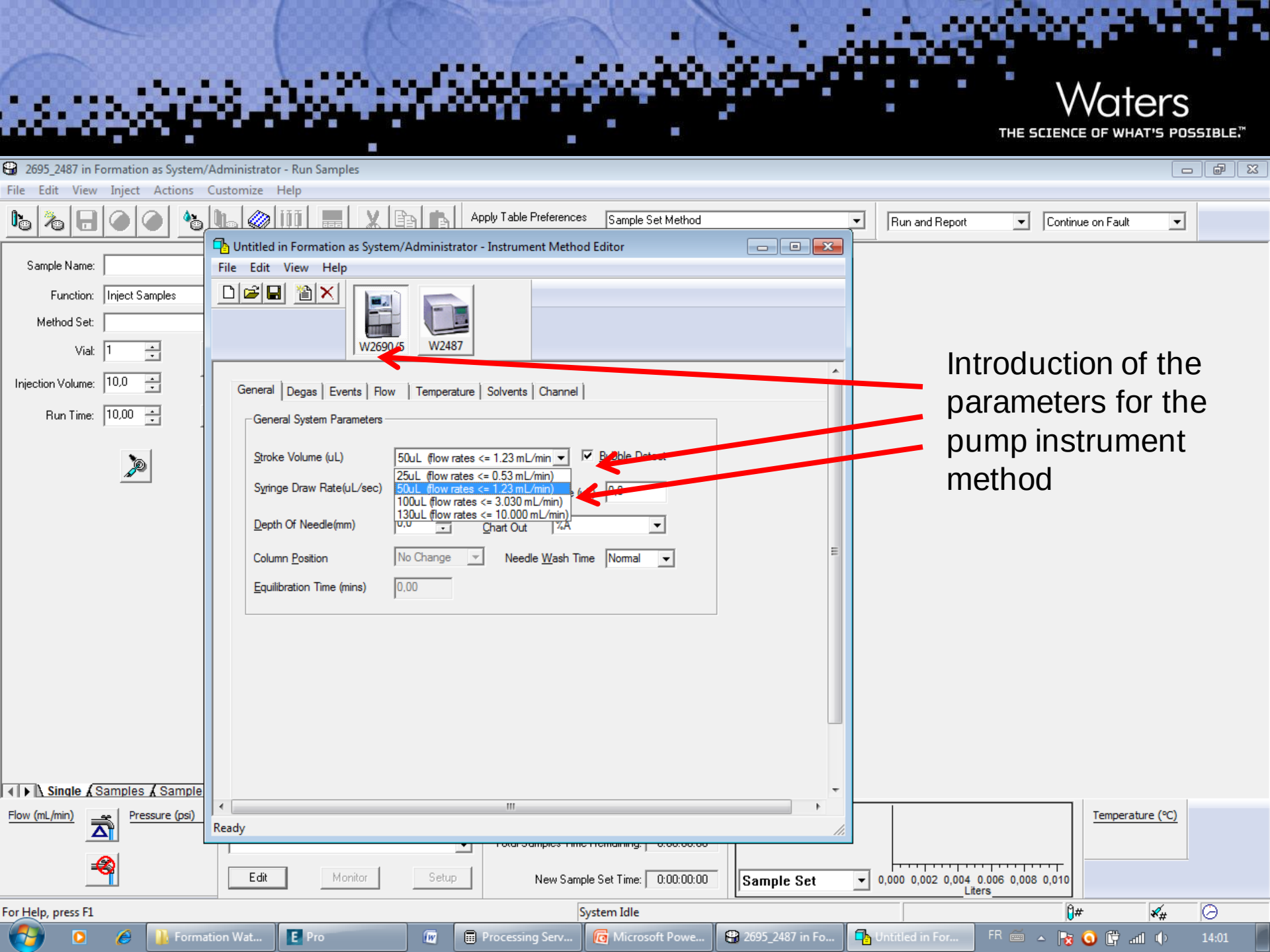


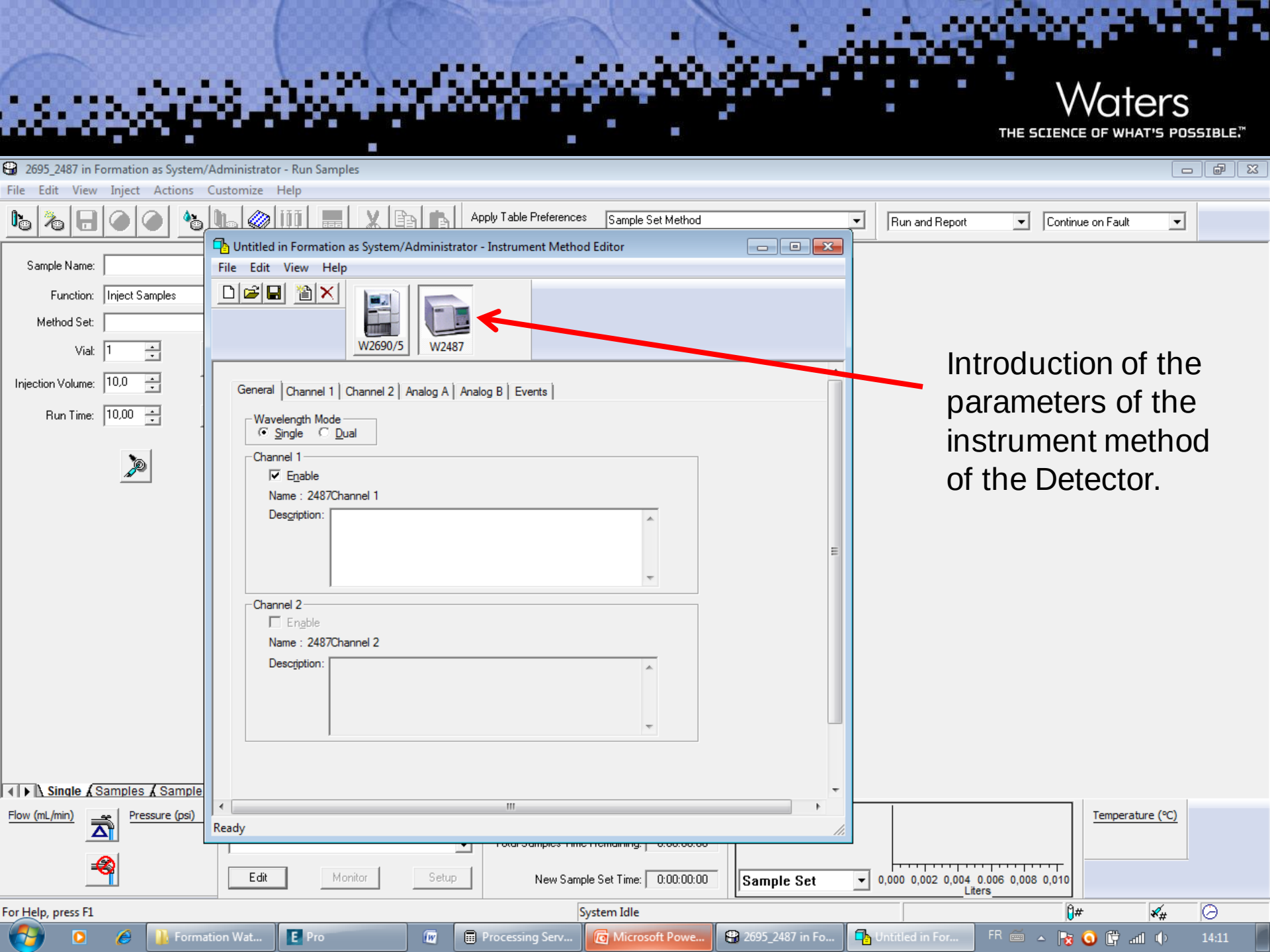


Select the project and the channel on which you will perform your injections. Then click OK.

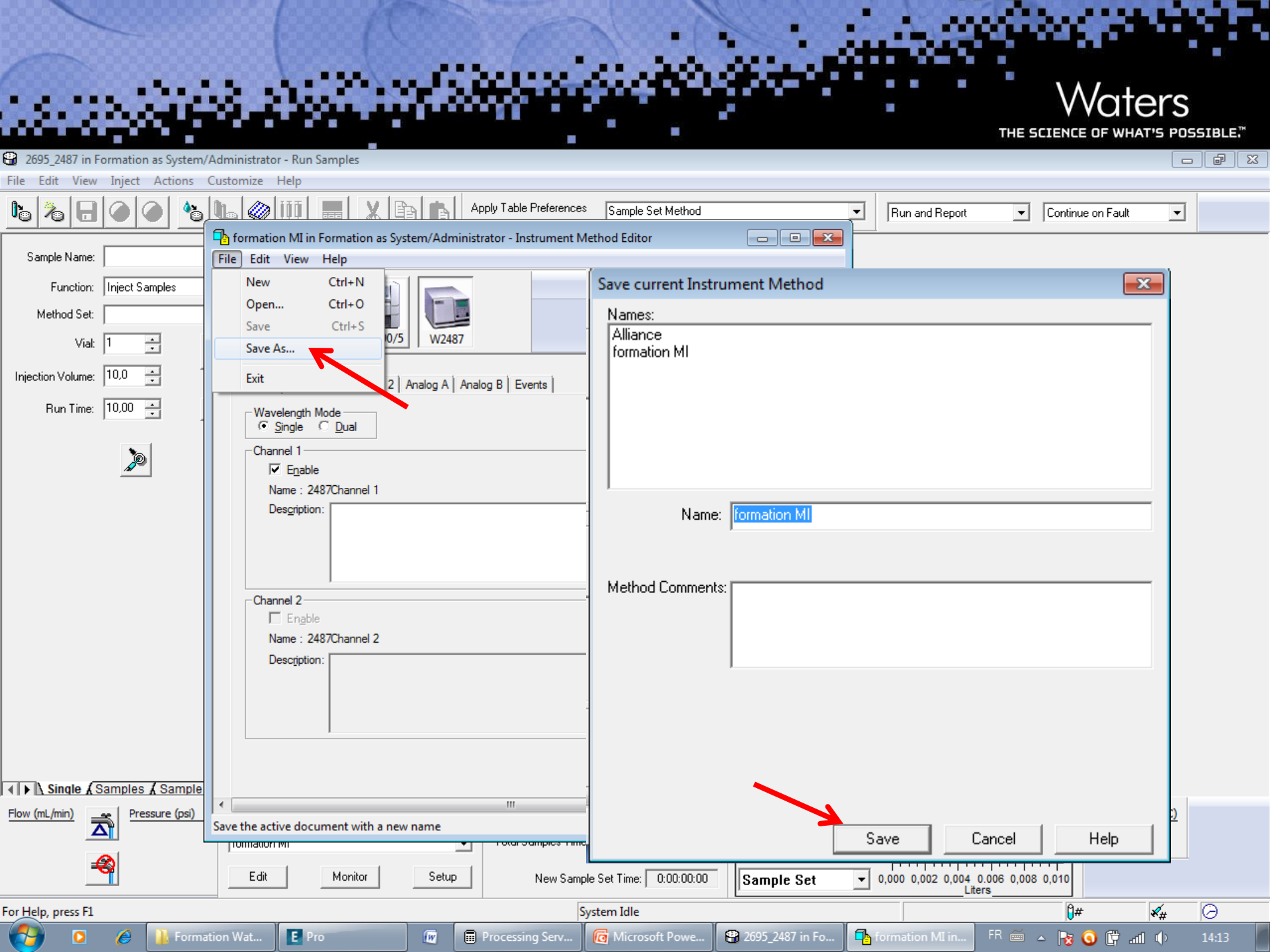

Waters
THE SCIENCE OF WHAT'S POSSIBLE.™
2695_2487 in Formation as System/Administrator - Run Samples
File Edit View Inject Actions Customize Help
Apply Table Preferences
Sample Set Method
Run and Report
Continue on Fault
Sample Name:
Function:
Inject Samples
Method Set:
Vial:
1
Develop Methods
Injection Volume:
10,0
Run Time:
10,00
Options...
Click on "Edit."
Single Samples Sample Sets R
Flow (mL/min)
Pressure (psi)
Instrument Method:
Edit
Monitor
Setup
Sample Set Time Remaining:
0:00:00:00
Total Samples Time Remaining:
0:00:00:00
New Sample Set Time:
0:00:00:00
Sample Set
0,000 0,002 0,004 0,006 0,008 0,010
Liters
Temperature (°C)
For Help, press F1
System Idle
Formation Waters
Pro
Processing Server M...
Microsoft PowerPoi...
2695_2487 in Forma...
FR
13:58

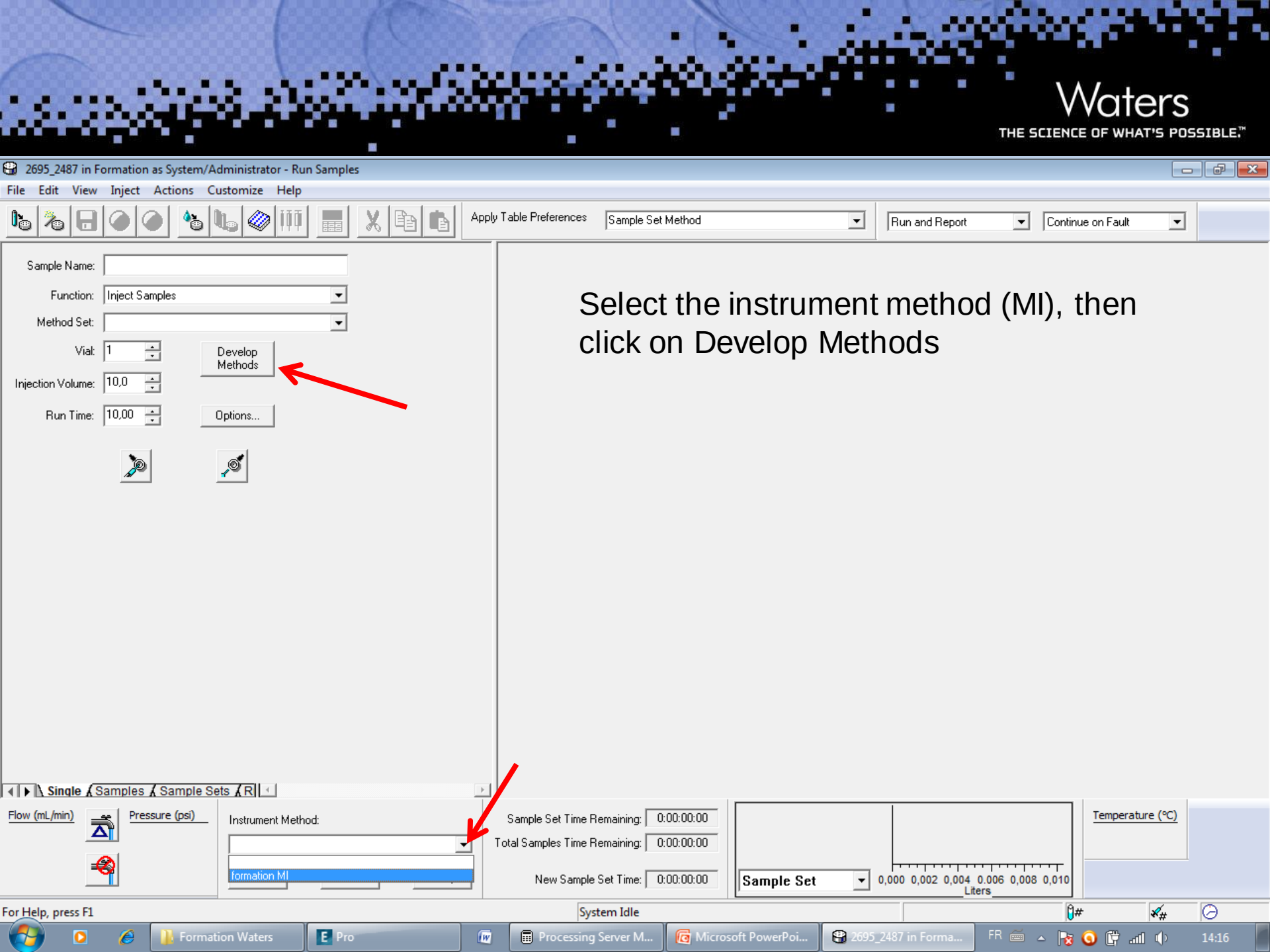


Introduction of the parameters for the pump instrument method

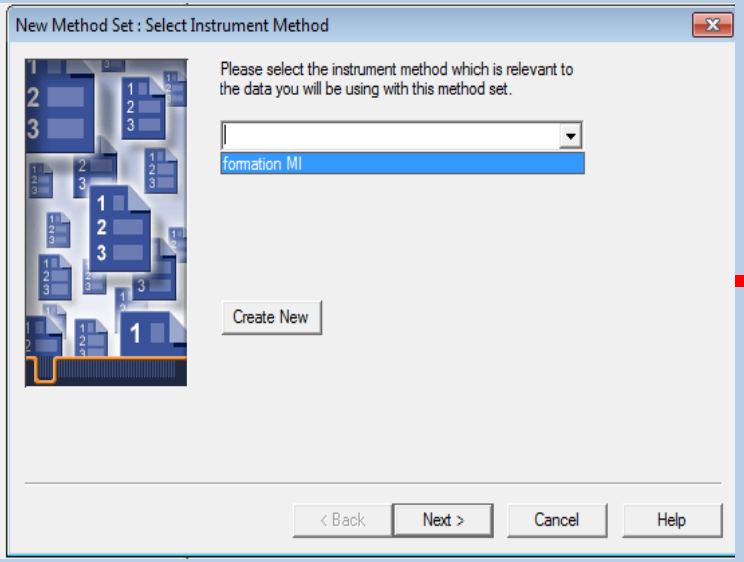


Introduction of the parameters of the instrument method of the Detector.


Waters
THE SCIENCE OF WHAT'S POSSIBLE.™
2695_2487 in Formation as System/Administrator - Run Samples
File Edit View Inject Actions Customize Help
Apply Table Preferences
Sample Set Method
Run and Report
Continue on Fault
formation MI in Formation as System/Administrator - Instrument Method Editor
File Edit View Help
New Ctrl+N
Open... Ctrl+O
Save Ctrl+S
Save As...
Exit
W2487
Analog A
Analog B
Events
Wavelength Mode
Single
Dual
Channel 1
Enable
Name : 2487Channel 1
Description:
Channel 2
Enable
Name : 2487Channel 2
Description:
Save the active document with a new name
Save current Instrument Method
Names:
Alliance
formation MI
Name:
formation MI
Method Comments:
Save
Cancel
Help
Sample Name:
Function:
Inject Samples
Method Set:
Vial:
1
Injection Volume:
10,0
Run Time:
10,00
Single
Samples
Sample
Flow (mL/min)
Pressure (psi)
Edit
Monitor
Setup
New Sample Set Time:
0:00:00:00
Sample Set
0,000 0,002 0,004 0,006 0,008 0,010
Liters
For Help, press F1
System Idle
Formation Wat...
Pro
Processing Serv...
Microsoft Powe...
2695_2487 in Fo...
formation MI in...
FR
14:13

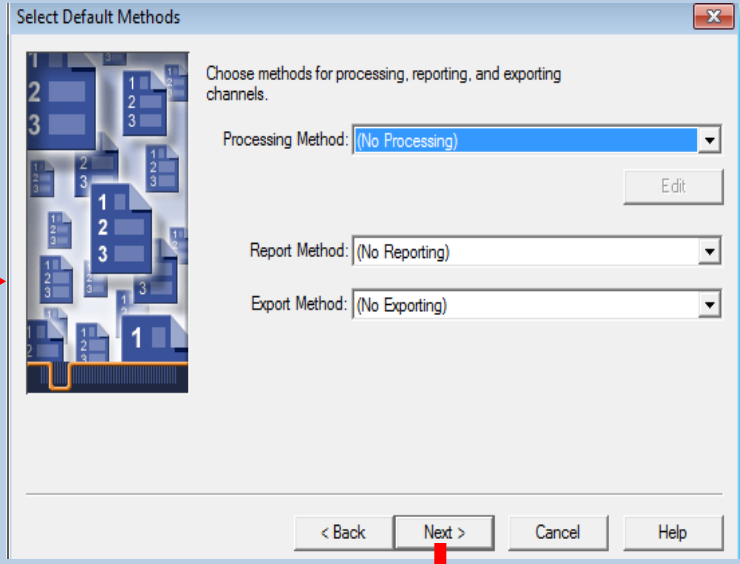


Select the instrument method (MI), then click on Develop Methods

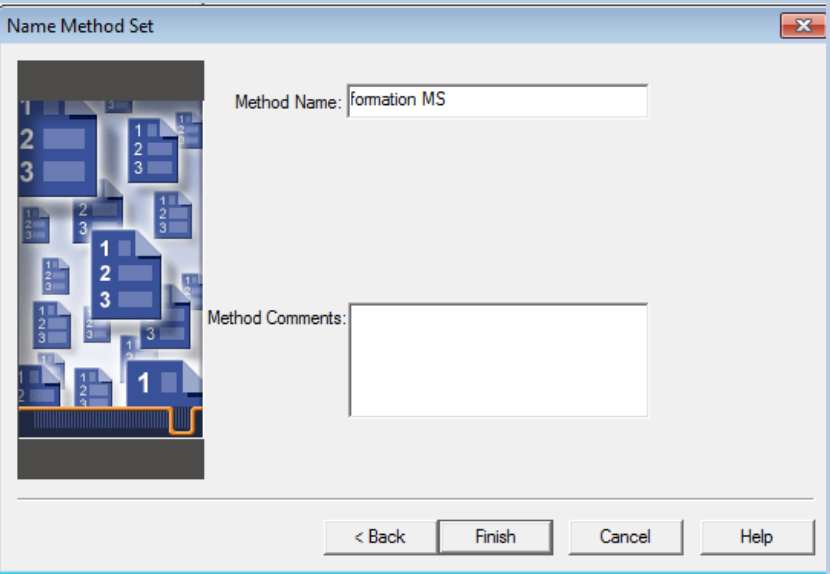


Select the MI

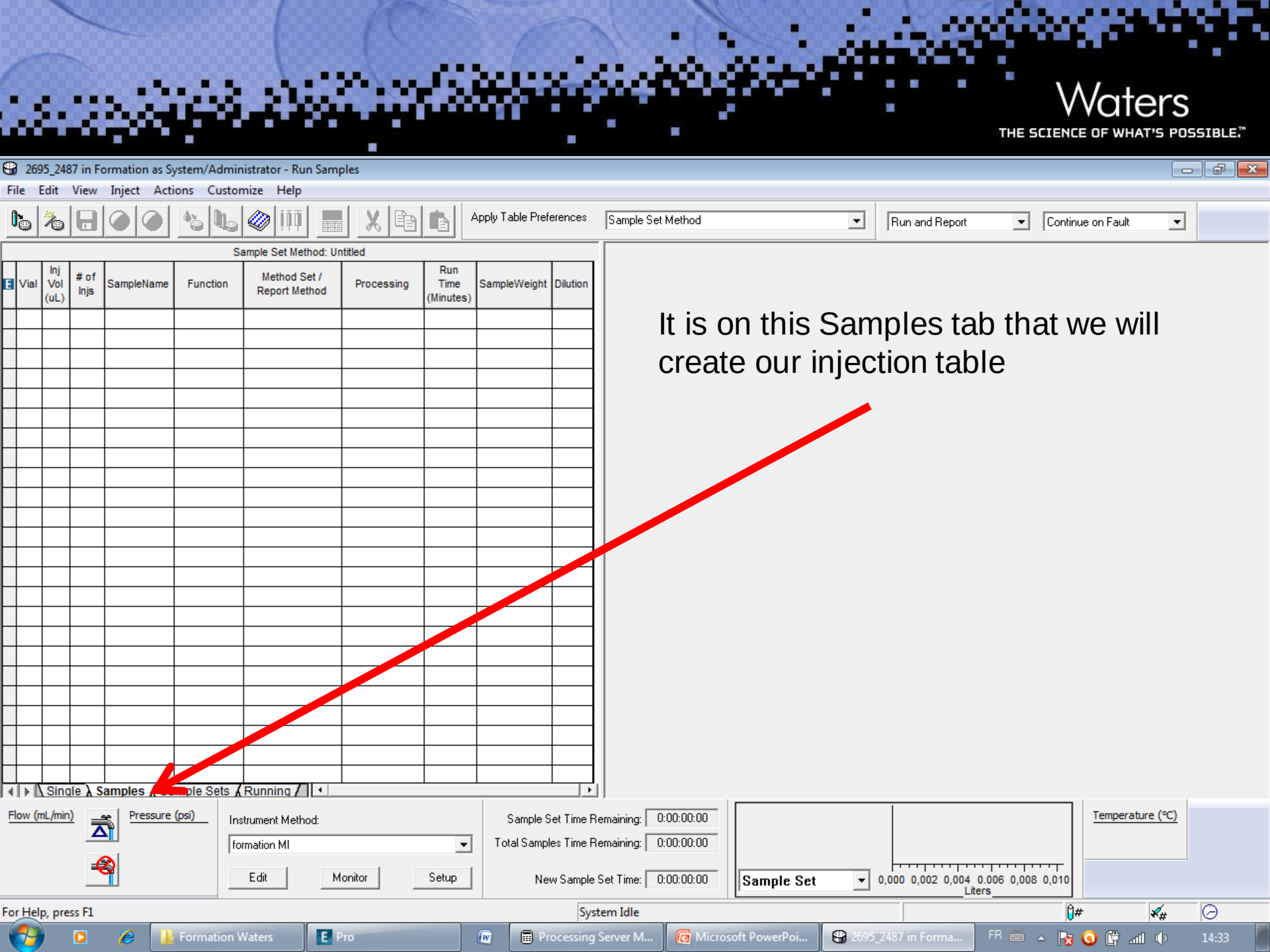
Then click on "Next."



Then click on "Next."



Give a name to the Method Set (MS)
Then click on Finish.


Waters
THE SCIENCE OF WHAT'S POSSIBLE.™
2695_2487 in Formation as System/Administrator - Run Samples
File Edit View Inject Actions Customize Help
Apply Table Preferences
Sample Set Method
Run and Report
Continue on Fault
Sample Set Method: Untitled
E Vial Inj Vol (uL) # of Injs SampleName Function Method Set / Report Method Processing Run Time (Minutes) SampleWeight Dilution
Single Samples Sample Sets Running
It is on this Samples tab that we will create our injection table
Flow (mL/min)
Pressure (psi)
Instrument Method:
formation MI
Edit
Monitor
Setup
Sample Set Time Remaining: 0:00:00:00
Total Samples Time Remaining: 0:00:00:00
New Sample Set Time: 0:00:00:00
Sample Set
0,000 0,002 0,004 0,006 0,008 0,010
Liters
Temperature (°C)
For Help, press F1
System Idle
Formation Waters
Pro
Processing Server M...
Microsoft PowerPoi...
2695_2487 in Forma...
FR
14:33

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Empower® Software Essentials: Step-by-Step Tutorial for Processing Method Creation and Data Analysis

Waters
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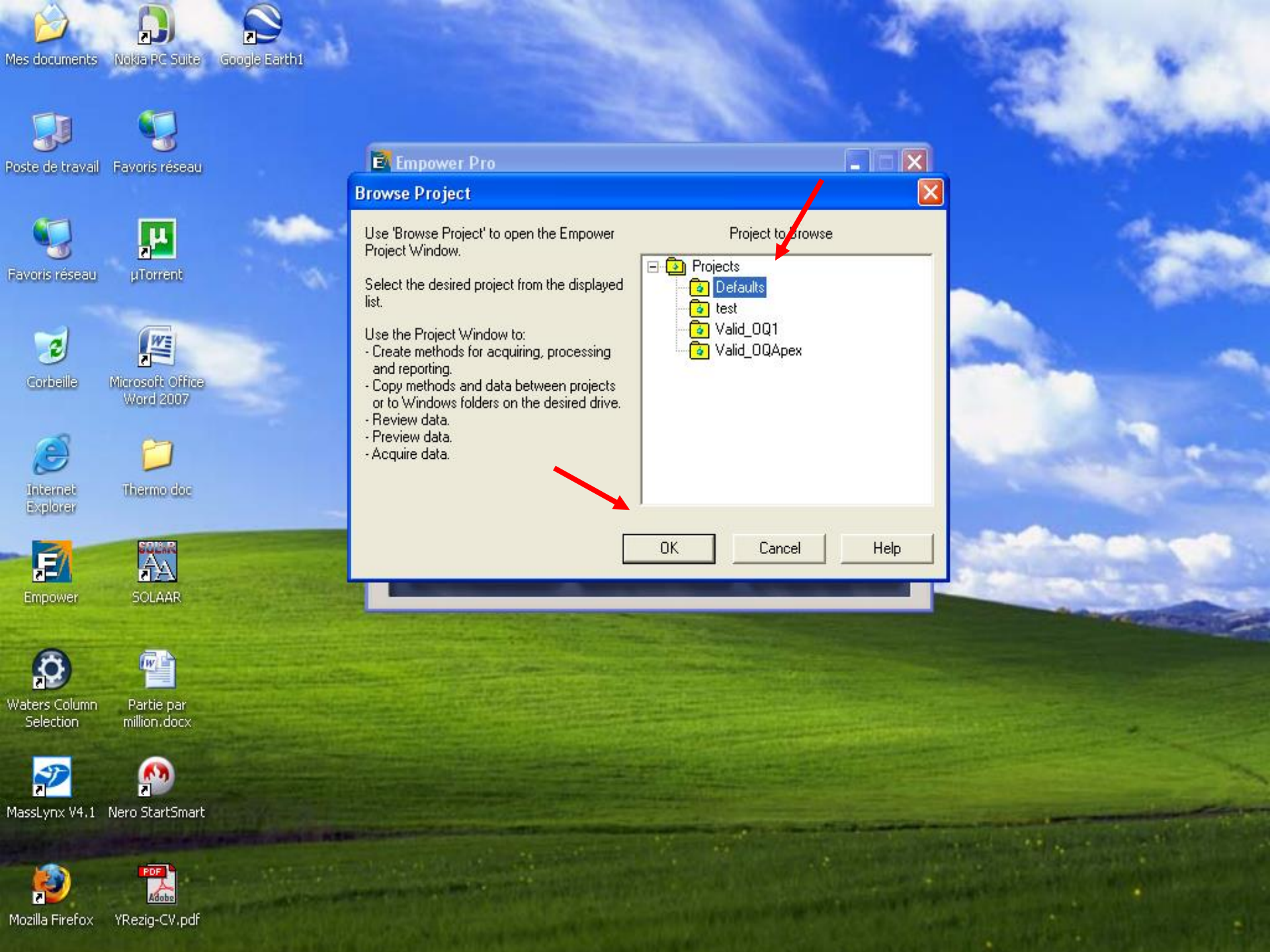
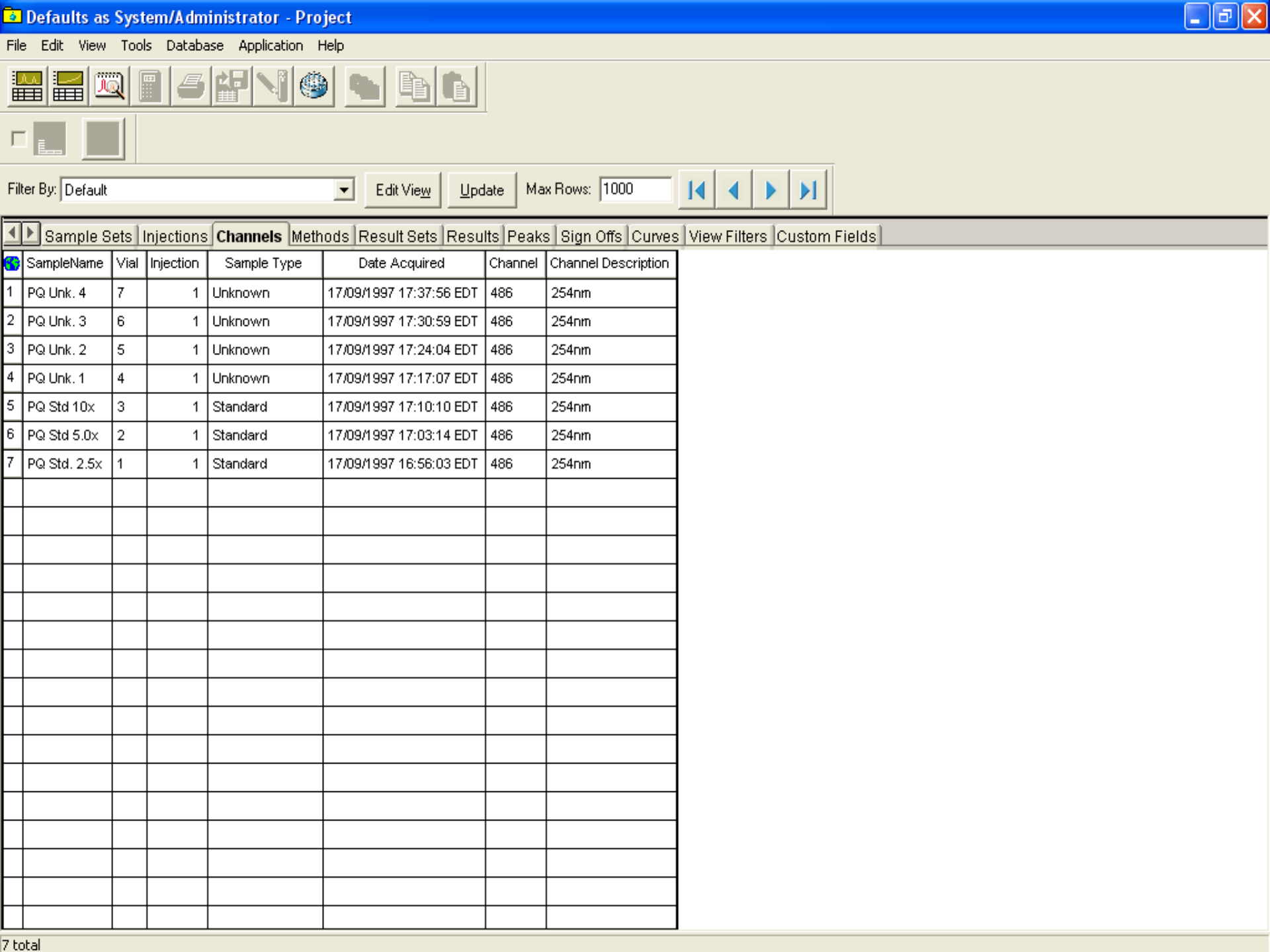
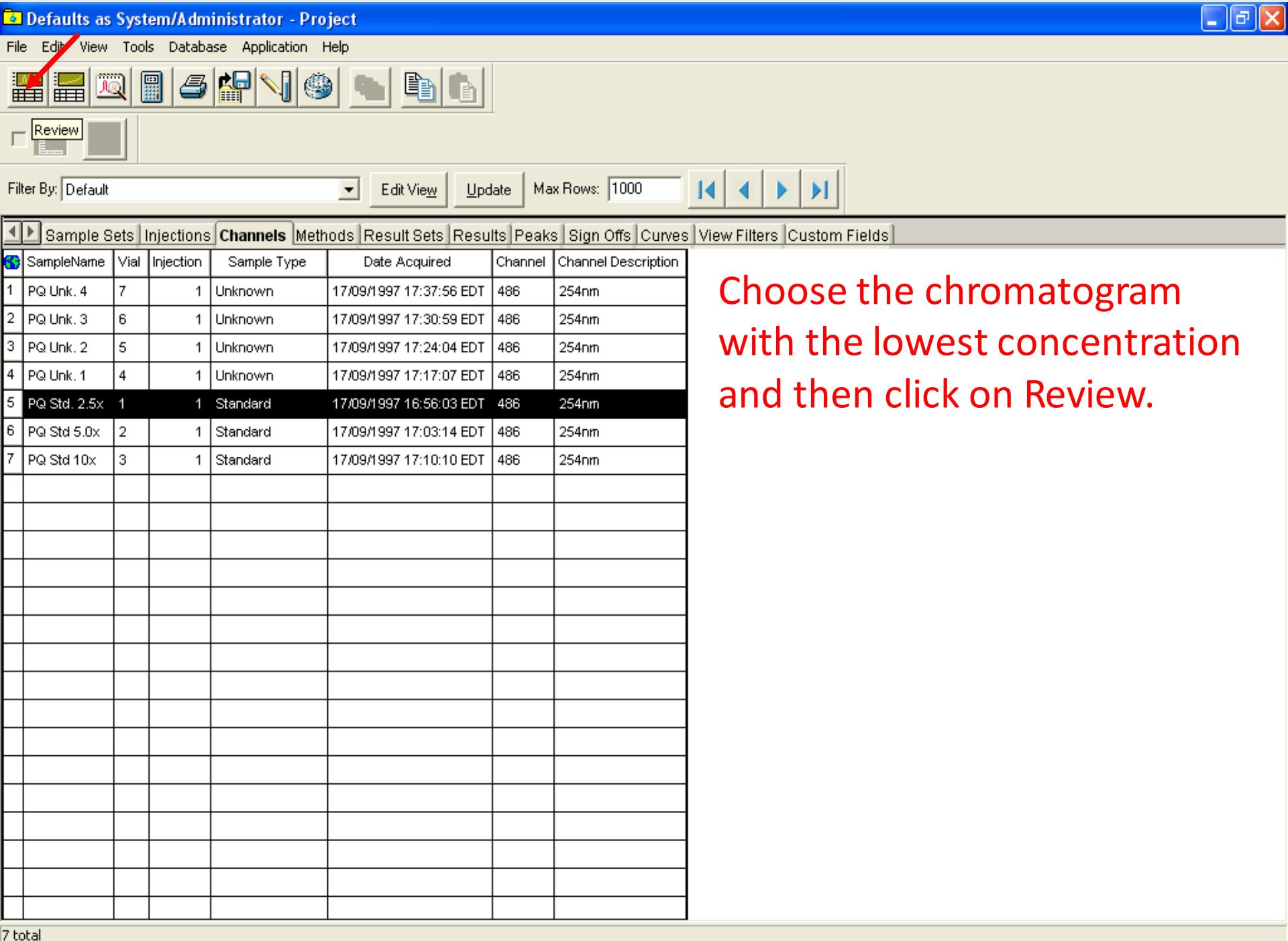
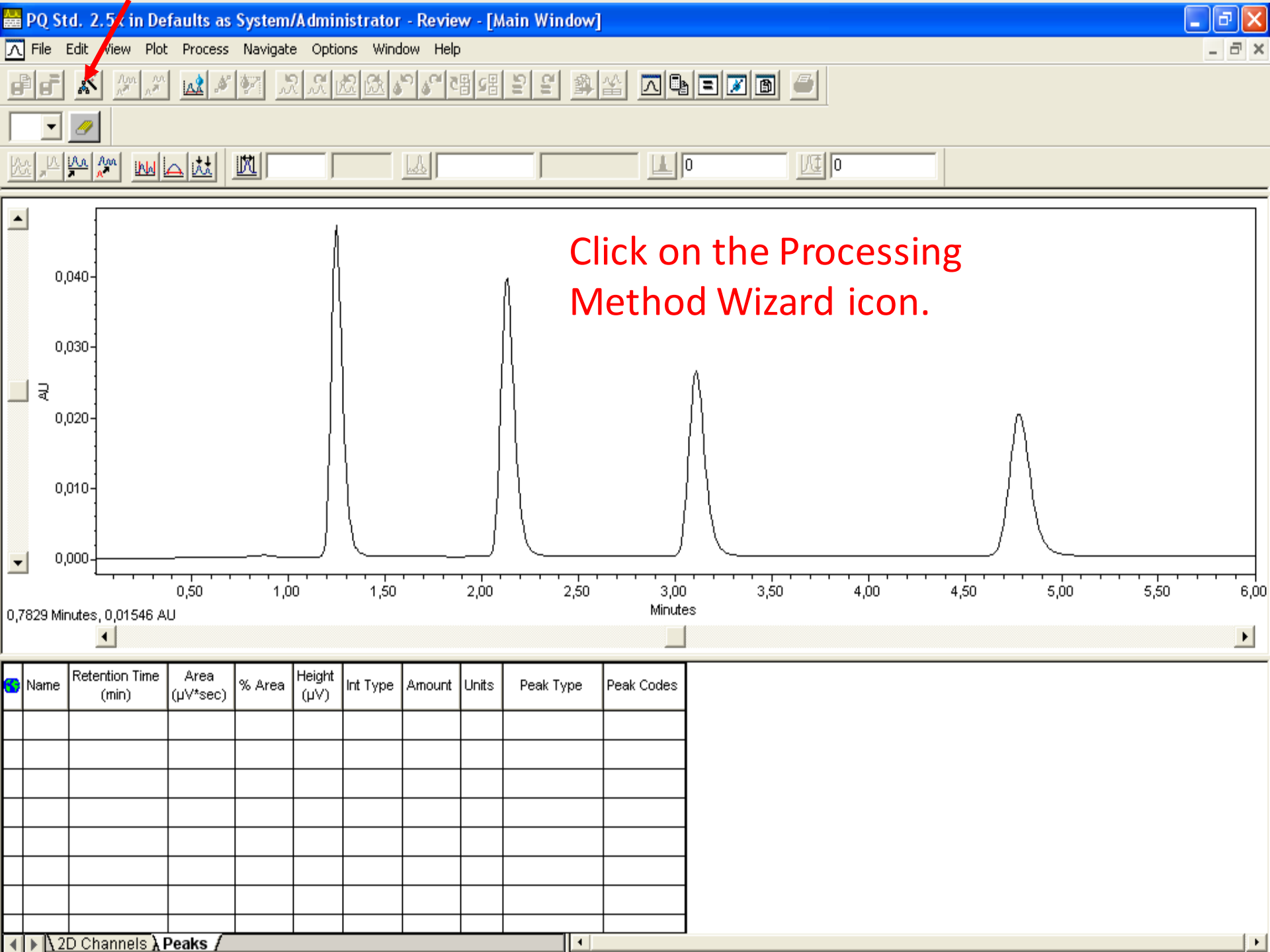
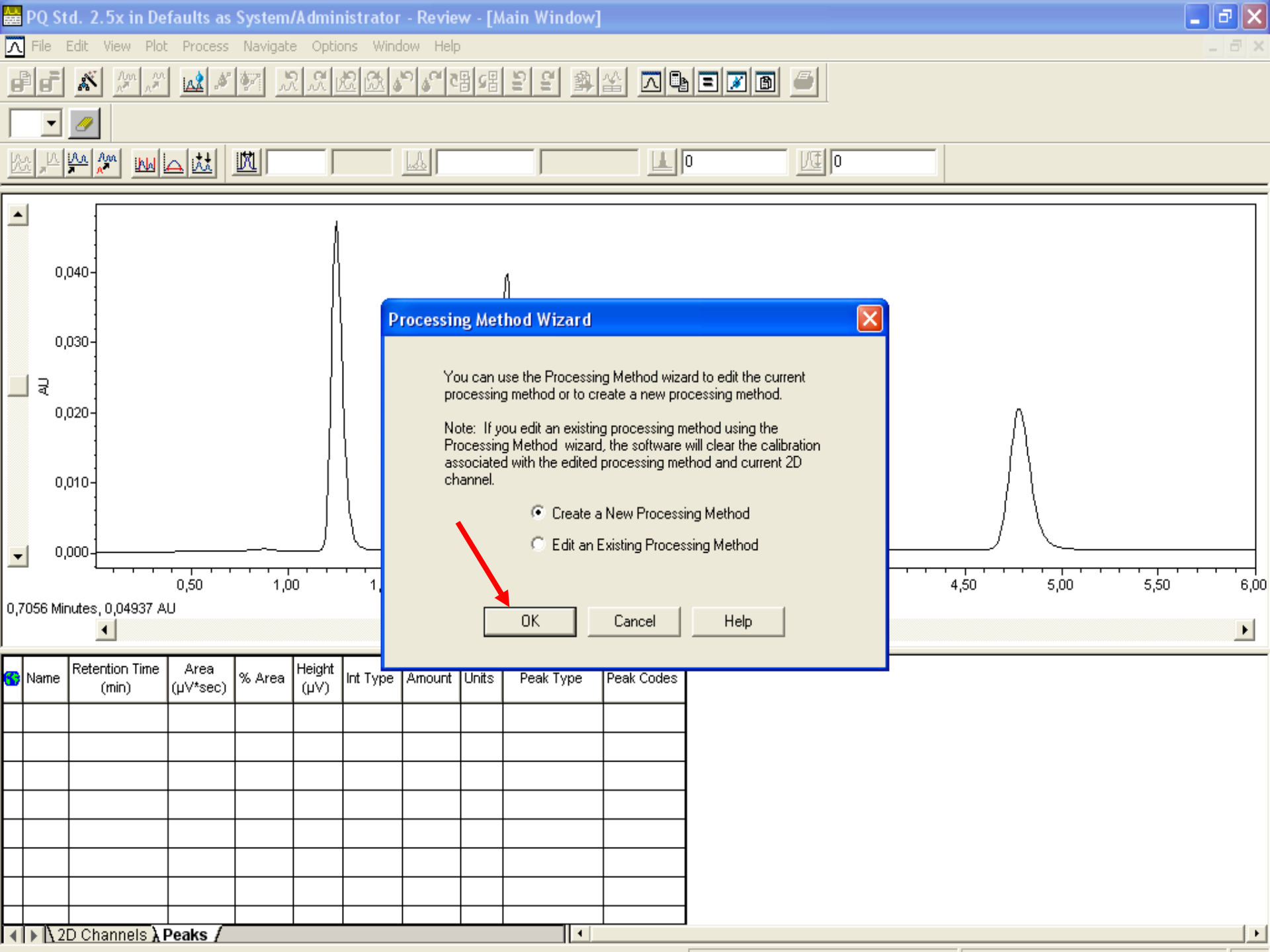
Mes documents
Nokia PC Suite
Google Earth1
Poste de travail
Favoris réseau
Favoris réseau
µTorrent
Corbeille
Microsoft Office Word 2007
Internet Explorer
Thermo doc
Empower
SOLAAR
Waters Column Selection
Partie par million.docx
MassLynx V4.1
Nero StartSmart
Mozilla Firefox
YRezig-CV.pdf
Empower Pro
LOGIN
LOGOUT
ABOUT
HELP
User: System/Administrator
DB: Local
Run Samples
Browse Project
Configure System
Process Data
Review Data
Print Data

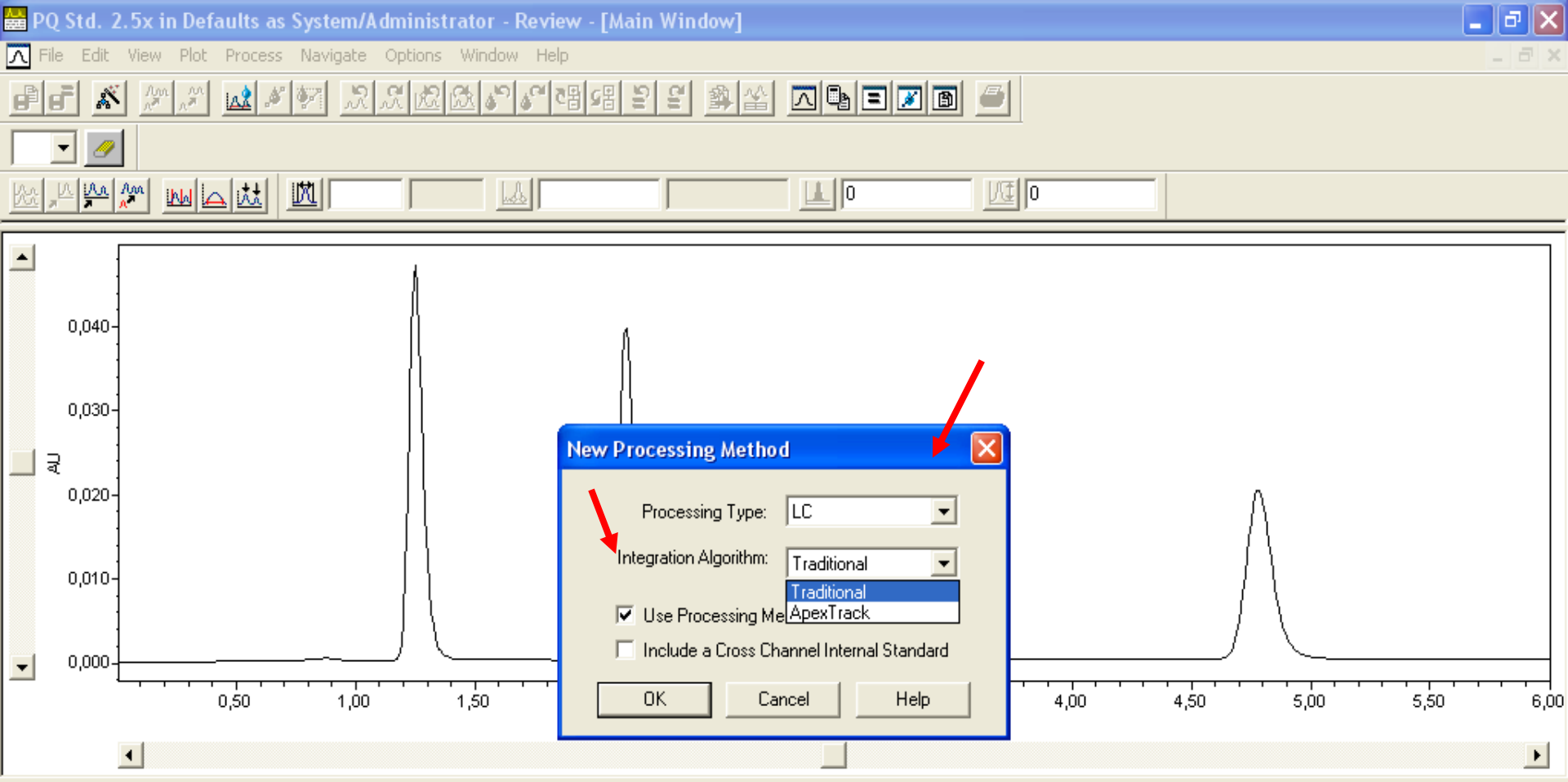

Mes documents
Nokia PC Suite
Google Earth1
Poste de travail
Favoris réseau
Favoris réseau
µTorrent
Corbeille
Microsoft Office Word 2007
Internet Explorer
Thermo doc
Empower
SOLAAR
Waters Column Selection
Partie par million.docx
MassLynx V4.1
Nero StartSmart
Mozilla Firefox
YRezig-CV.pdf
Empower Pro
Browse Project
Use 'Browse Project' to open the Empower Project Window.
Select the desired project from the displayed list.
Use the Project Window to:
- Create methods for acquiring, processing and reporting.
- Copy methods and data between projects or to Windows folders on the desired drive.
- Review data.
- Preview data.
- Acquire data.
Project to Browse
Projects
Defaults
test
Valid_OQ1
Valid_OQApex
OK
Cancel
Help


Defaults as System/Administrator - Project
File Edit View Tools Database Application Help
Filter By: Default
Edit View
Update
Max Rows: 1000
Sample Sets Injections Channels Methods Result Sets Results Peaks Sign Offs Curves View Filters Custom Fields
SampleName Vial Injection Sample Type Date Acquired Channel Channel Description
1 PQ Unk. 4 7 1 Unknown 17/09/1997 17:37:56 EDT 486 254nm
2 PQ Unk. 3 6 1 Unknown 17/09/1997 17:30:59 EDT 486 254nm
3 PQ Unk. 2 5 1 Unknown 17/09/1997 17:24:04 EDT 486 254nm
4 PQ Unk. 1 4 1 Unknown 17/09/1997 17:17:07 EDT 486 254nm
5 PQ Std 10x 3 1 Standard 17/09/1997 17:10:10 EDT 486 254nm
6 PQ Std 5.0x 2 1 Standard 17/09/1997 17:03:14 EDT 486 254nm
7 PQ Std. 2.5x 1 1 Standard 17/09/1997 16:56:03 EDT 486 254nm
7 total


Defaults as System/Administrator - Project
File Edit View Tools Database Application Help
Review
Filter By: Default
Edit View
Update
Max Rows: 1000
Sample Sets Injections Channels Methods Result Sets Results Peaks Sign Offs Curves View Filters Custom Fields
SampleName Vial Injection Sample Type Date Acquired Channel Channel Description
1 PQ Unk. 4 7 1 Unknown 17/09/1997 17:37:56 EDT 486 254nm
2 PQ Unk. 3 6 1 Unknown 17/09/1997 17:30:59 EDT 486 254nm
3 PQ Unk. 2 5 1 Unknown 17/09/1997 17:24:04 EDT 486 254nm
4 PQ Unk. 1 4 1 Unknown 17/09/1997 17:17:07 EDT 486 254nm
5 PQ Std. 2.5x 1 1 Standard 17/09/1997 16:56:03 EDT 486 254nm
6 PQ Std 5.0x 2 1 Standard 17/09/1997 17:03:14 EDT 486 254nm
7 PQ Std 10x 3 1 Standard 17/09/1997 17:10:10 EDT 486 254nm
Choose the chromatogram with the lowest concentration and then click on Review.
7 total


PQ Std. 2.5 in Defaults as System/Administrator - Review - [Main Window]
File Edit View Plot Process Navigate Options Window Help
Click on the Processing Method Wizard icon.
AU
0,040
0,030
0,020
0,010
0,000
0,50 1,00 1,50 2,00 2,50 3,00 3,50 4,00 4,50 5,00 5,50 6,00
Minutes
0,7829 Minutes, 0,01546 AU
Name
Retention Time (min)
Area (µV*sec)
% Area
Height (µV)
Int Type
Amount
Units
Peak Type
Peak Codes
2D Channels
Peaks


PQ Std. 2.5x in Defaults as System/Administrator - Review - [Main Window]
File Edit View Plot Process Navigate Options Window Help
0,040
0,030
0,020
0,010
0,000
AU
0,50
1,00
4,50
5,00
5,50
6,00
0,7056 Minutes, 0,04937 AU
Processing Method Wizard
You can use the Processing Method wizard to edit the current processing method or to create a new processing method.
Note: If you edit an existing processing method using the Processing Method wizard, the software will clear the calibration associated with the edited processing method and current 2D channel.
Create a New Processing Method
Edit an Existing Processing Method
OK
Cancel
Help
Name
Retention Time (min)
Area (µV*sec)
% Area
Height (µV)
Int Type
Amount
Units
Peak Type
Peak Codes
2D Channels
Peaks



Name	Retention Time (min)	Area (µV*sec)	% Area	Height (µV)	Int Type	Amount	Units	Peak Type	Peak Codes

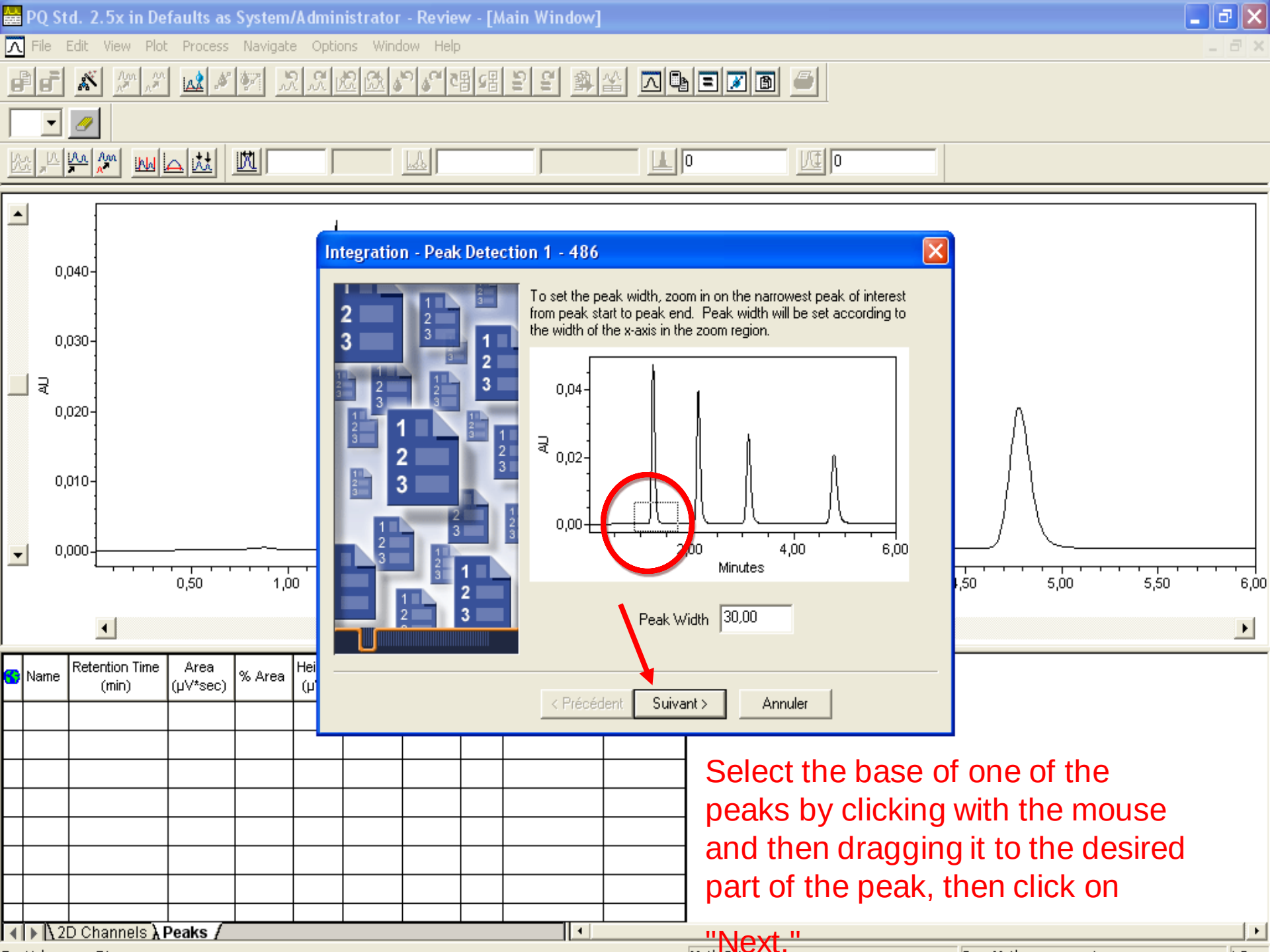
2D Channels | Peaks

Choose:

- Processing type "LC"

The algorithm "traditional"

Click on "ok"

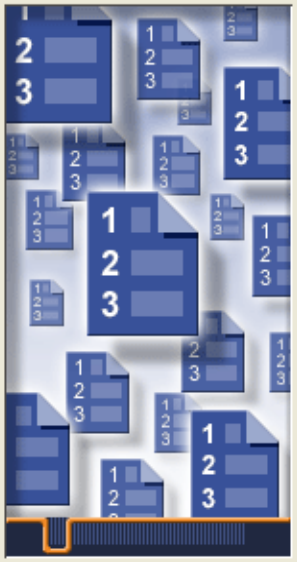

PQ Std. 2.5x in Defaults as System/Administrator - Review - [Main Window]
File Edit View Plot Process Navigate Options Window Help
Integration - Peak Detection 1 - 486
To set the peak width, zoom in on the narrowest peak of interest from peak start to peak end. Peak width will be set according to the width of the x-axis in the zoom region.
AU
Minutes
Peak Width
30,00
< Précédent
Suivant >
Annuler
Name
Retention Time (min)
Area (µV*sec)
% Area
2D Channels
Peaks
Select the base of one of the peaks by clicking with the mouse and then dragging it to the desired part of the peak, then click on "Next."

PQ Std. 2.5x in Defaults as System/Administrator - Review - [Main Window]

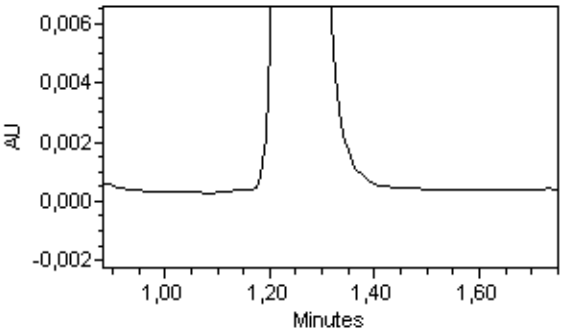
File Edit View Plot Process Navigate Options Window Help

0,040
0,030
0,020
0,010
0,000
AU
0,50
1,00
5,00
5,50
6,00

Integration - Peak Detection 1 - 486



To set the peak width, zoom in on the narrowest peak of interest from peak start to peak end. Peak width will be set according to the width of the x-axis in the zoom region.



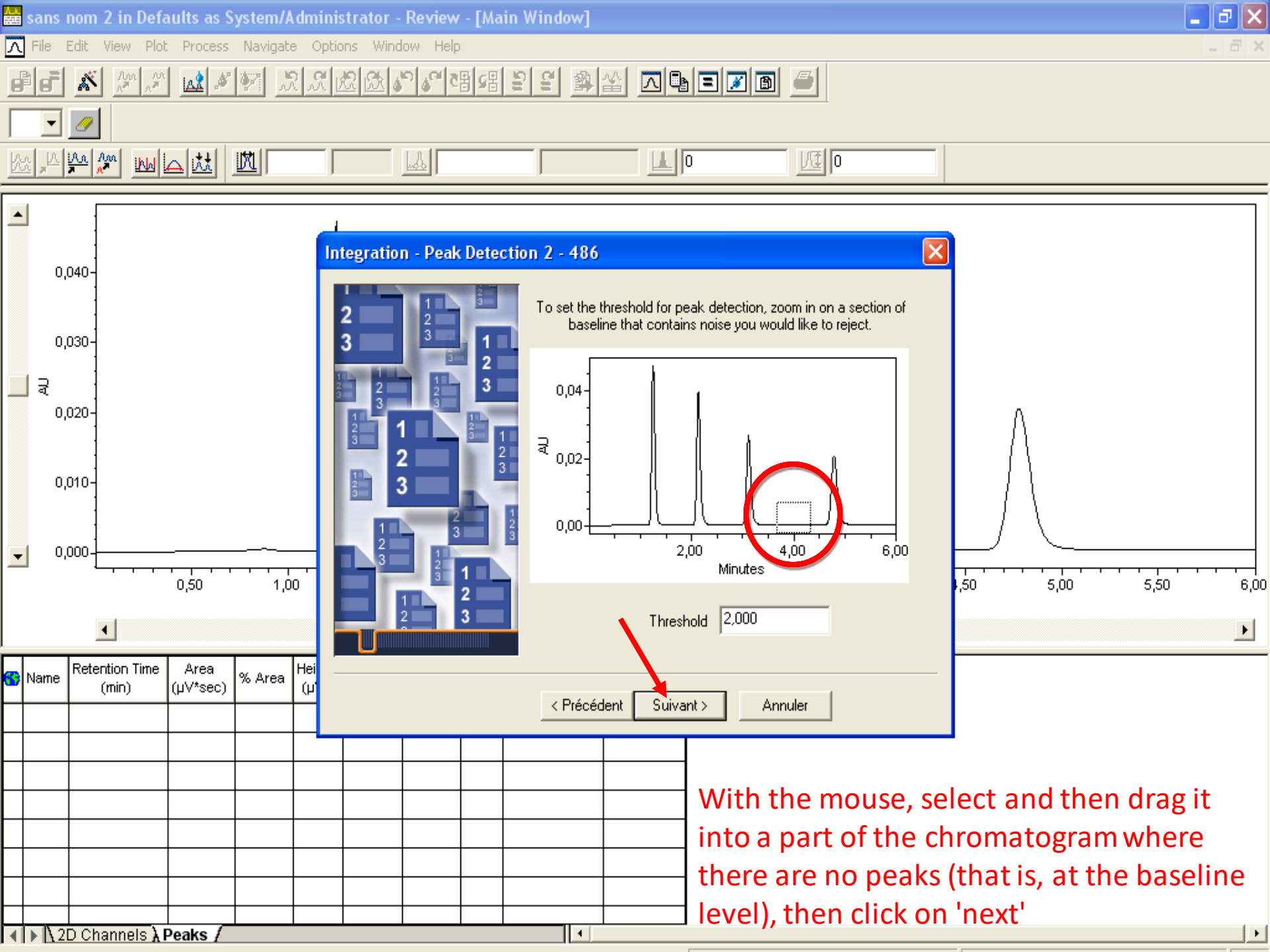
Peak Width 45,00

< Précédent | Suivant > | Annuler

Name	Retention Time (min)	Area (µV*sec)	% Area	Hei (µ

2D Channels | Peaks

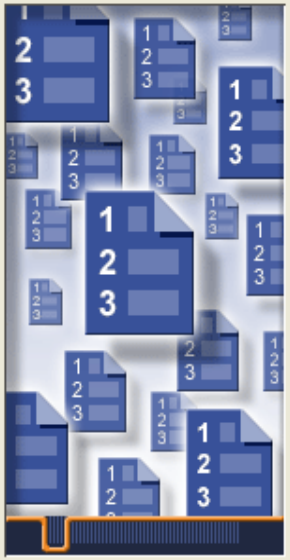
Help, press F1 | Meth Set: sans nom | Proc Meth: sans nom 1 | LC


sans nom 2 in Defaults as System/Administrator - Review - [Main Window]
File Edit View Plot Process Navigate Options Window Help
Integration - Peak Detection 2 - 486
To set the threshold for peak detection, zoom in on a section of baseline that contains noise you would like to reject.
0,04
0,02
0,00
AU
2,00
4,00
6,00
Minutes
Threshold 2,000
< Précédent
Suivant >
Annuler
0,040
0,030
0,020
0,010
0,000
0,50
1,00
5,00
5,50
6,00
Name
Retention Time (min)
Area (µV*sec)
% Area
2D Channels
Peaks
With the mouse, select and then drag it into a part of the chromatogram where there are no peaks (that is, at the baseline level), then click on 'next'

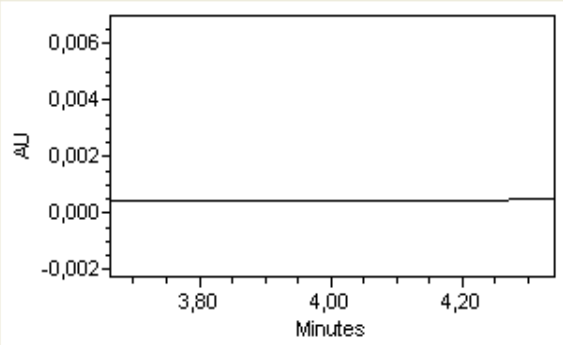
sans nom 2 in Defaults as System/Administrator - Review - [Main Window]

File Edit View Plot Process Navigate Options Window Help

Integration - Peak Detection 2 - 486



To set the threshold for peak detection, zoom in on a section of baseline that contains noise you would like to reject.



Threshold 8,000

< Précédent | Suivant > | Annuler

Name	Retention Time (min)	Area (µV*sec)	% Area	Hei (µ

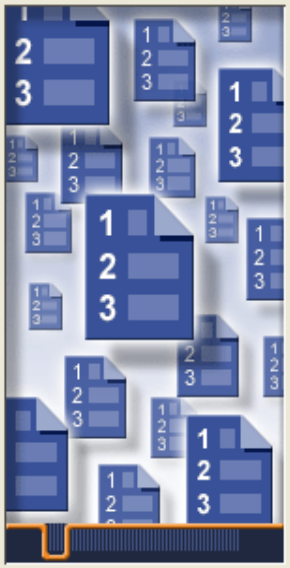
2D Channels | Peaks

For Help, press F1 | Meth Set: sans nom | Proc Meth: sans nom 2 | LC

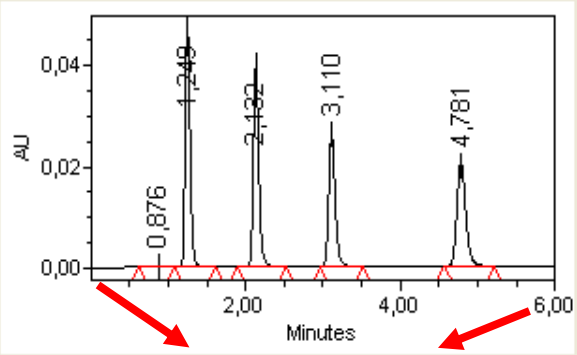
sans nom 2 in Defaults as System/Administrator - Review - [Main Window]

File Edit View Plot Process Navigate Options Window Help

Integration - Integration Region - 486



Zoom in on the area where you would like to perform integration.
Note: This step activates Inhibit Integration events outside of the selected zoom area.



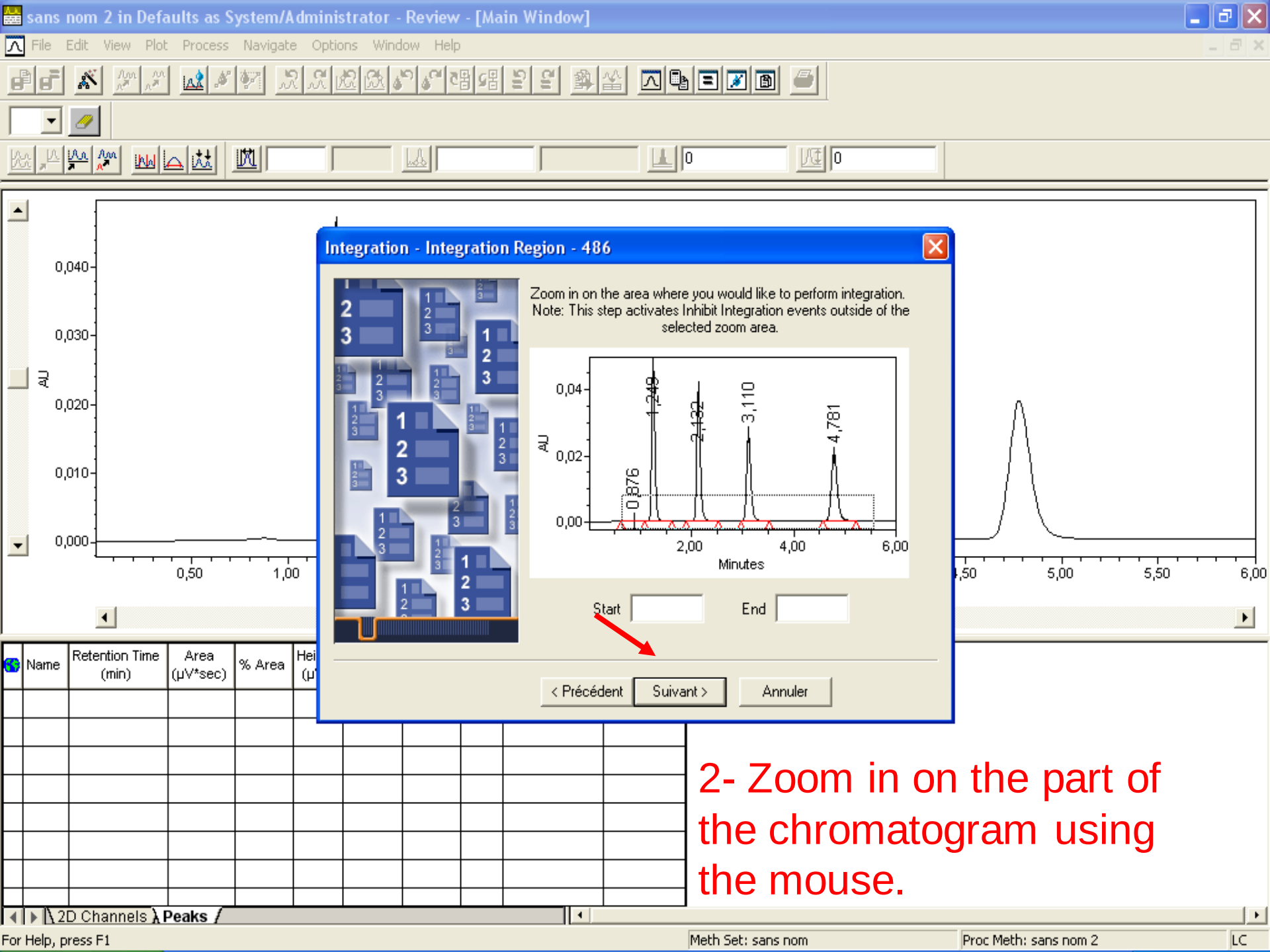
Start End

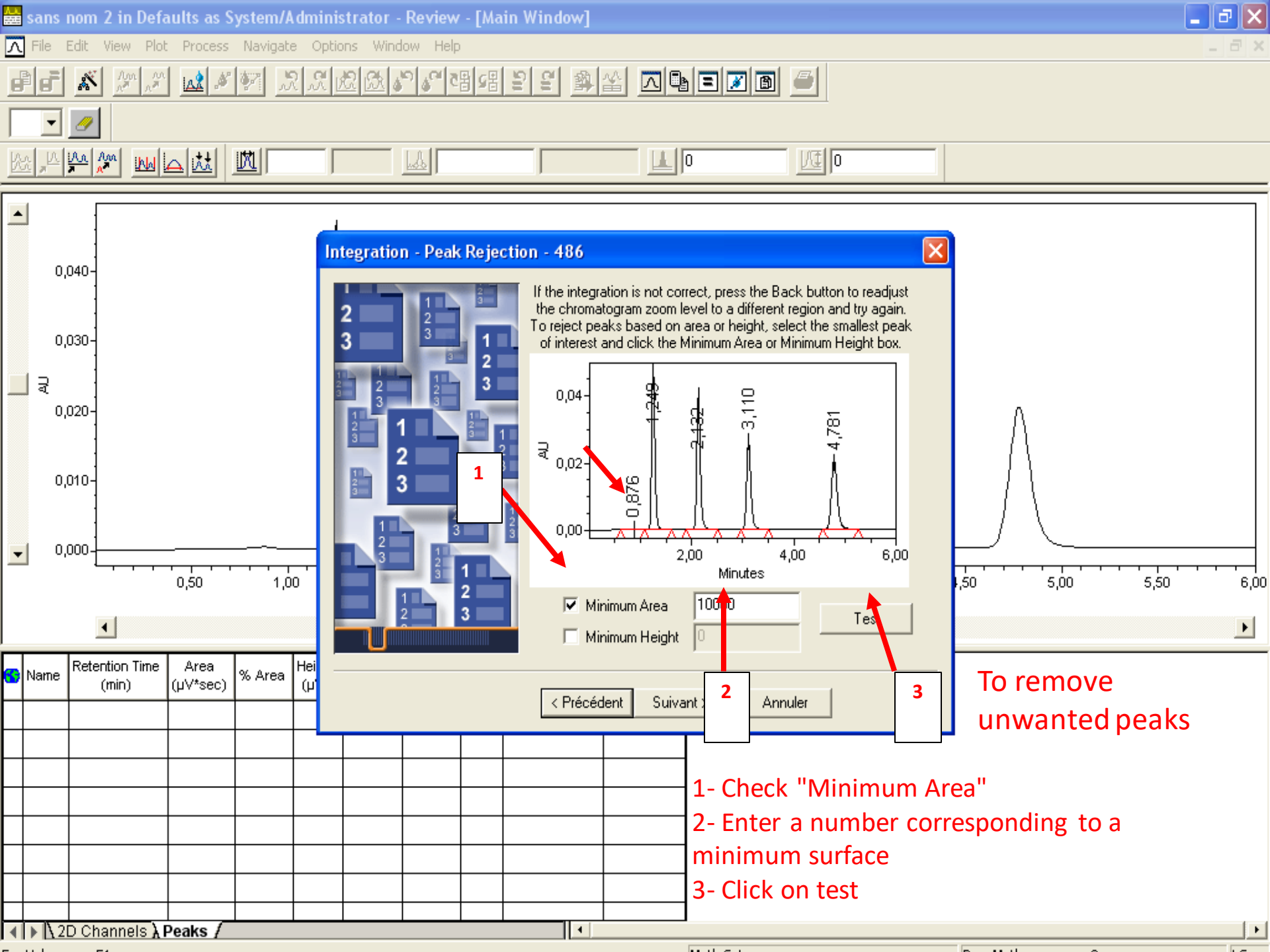
< Précédent Suivant > Annuler

Name	Retention Time (min)	Area (µV*sec)	% Area	Hei (µ

2D Channels Peaks

Select the part of the chromatogram that you want to process, either by:
1- Entering the start and end time of the chromatogram.

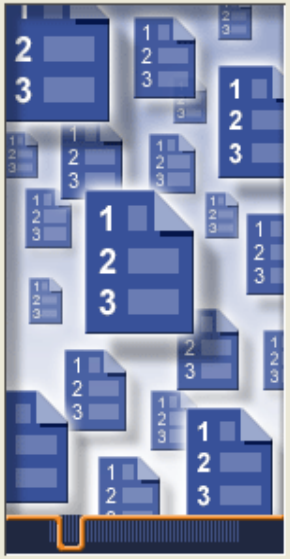

sans nom 2 in Defaults as System/Administrator - Review - [Main Window]
File Edit View Plot Process Navigate Options Window Help
Integration - Integration Region - 486
Zoom in on the area where you would like to perform integration.
Note: This step activates Inhibit Integration events outside of the selected zoom area.
0,04
0,02
0,00
AU
0,876
1,249
2,132
3,110
4,781
2,00
4,00
6,00
Minutes
Start
End
< Précédent
Suivant >
Annuler
0,040
0,030
0,020
0,010
0,000
0,50
1,00
5,00
5,50
6,00
Name
Retention Time (min)
Area (µV*sec)
% Area
2D Channels
Peaks
For Help, press F1
Meth Set: sans nom
Proc Meth: sans nom 2
LC
2- Zoom in on the part of the chromatogram using the mouse.


sans nom 2 in Defaults as System/Administrator - Review - [Main Window]
File Edit View Plot Process Navigate Options Window Help
Integration - Peak Rejection - 486
If the integration is not correct, press the Back button to readjust the chromatogram zoom level to a different region and try again.
To reject peaks based on area or height, select the smallest peak of interest and click the Minimum Area or Minimum Height box.
0,876
1,249
2,132
3,110
4,781
AU
Minutes
Minimum Area
Minimum Height
Test
< Précédent
Suivant >
Annuler
1
2
3
Name
Retention Time (min)
Area (µV*sec)
% Area
2D Channels
Peaks
To remove unwanted peaks
1- Check "Minimum Area"
2- Enter a number corresponding to a minimum surface
3- Click on test

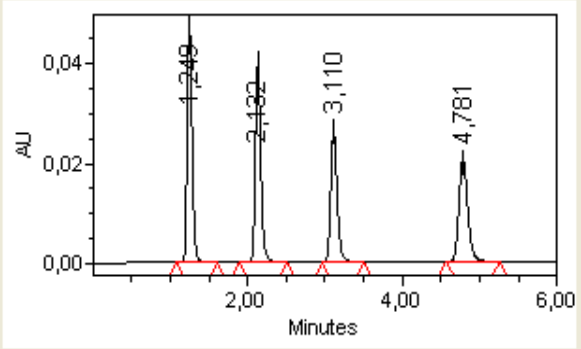
sans nom 2 in Defaults as System/Administrator - Review - [Main Window]

File Edit View Plot Process Navigate Options Window Help

Integration - Peak Rejection - 486



If the integration is not correct, press the Back button to readjust the chromatogram zoom level to a different region and try again. To reject peaks based on area or height, select the smallest peak of interest and click the Minimum Area or Minimum Height box.



☑ Minimum Area 10000

☐ Minimum Height 0

Test

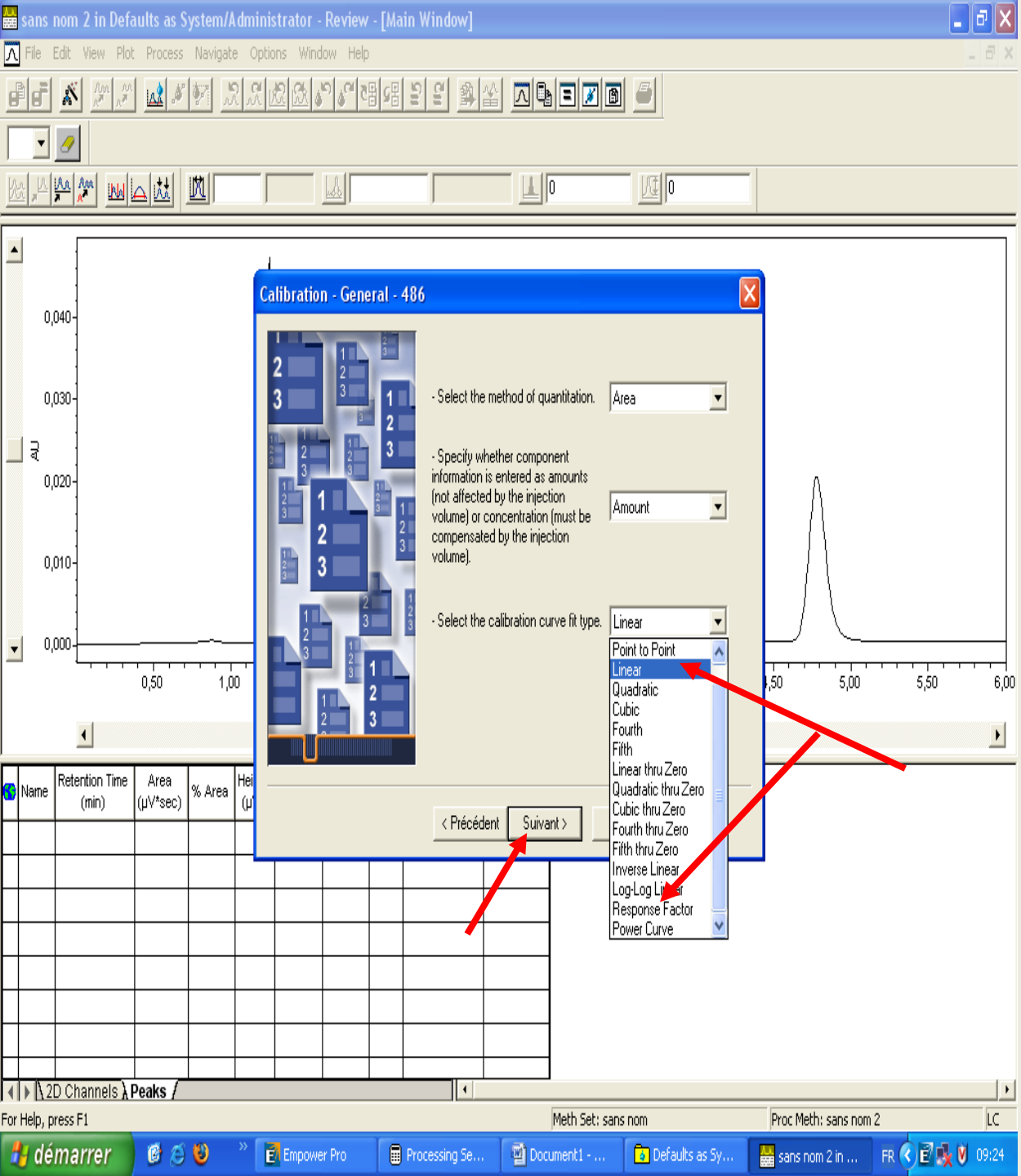
< Précédent | Suivant > | Annuler

0,040 0,030 0,020 0,010 0,000 AU 0,50 1,00 5,00 5,50 6,00

Name	Retention Time (min)	Area (µV*sec)	% Area	Hei (µ

2D Channels | Peaks

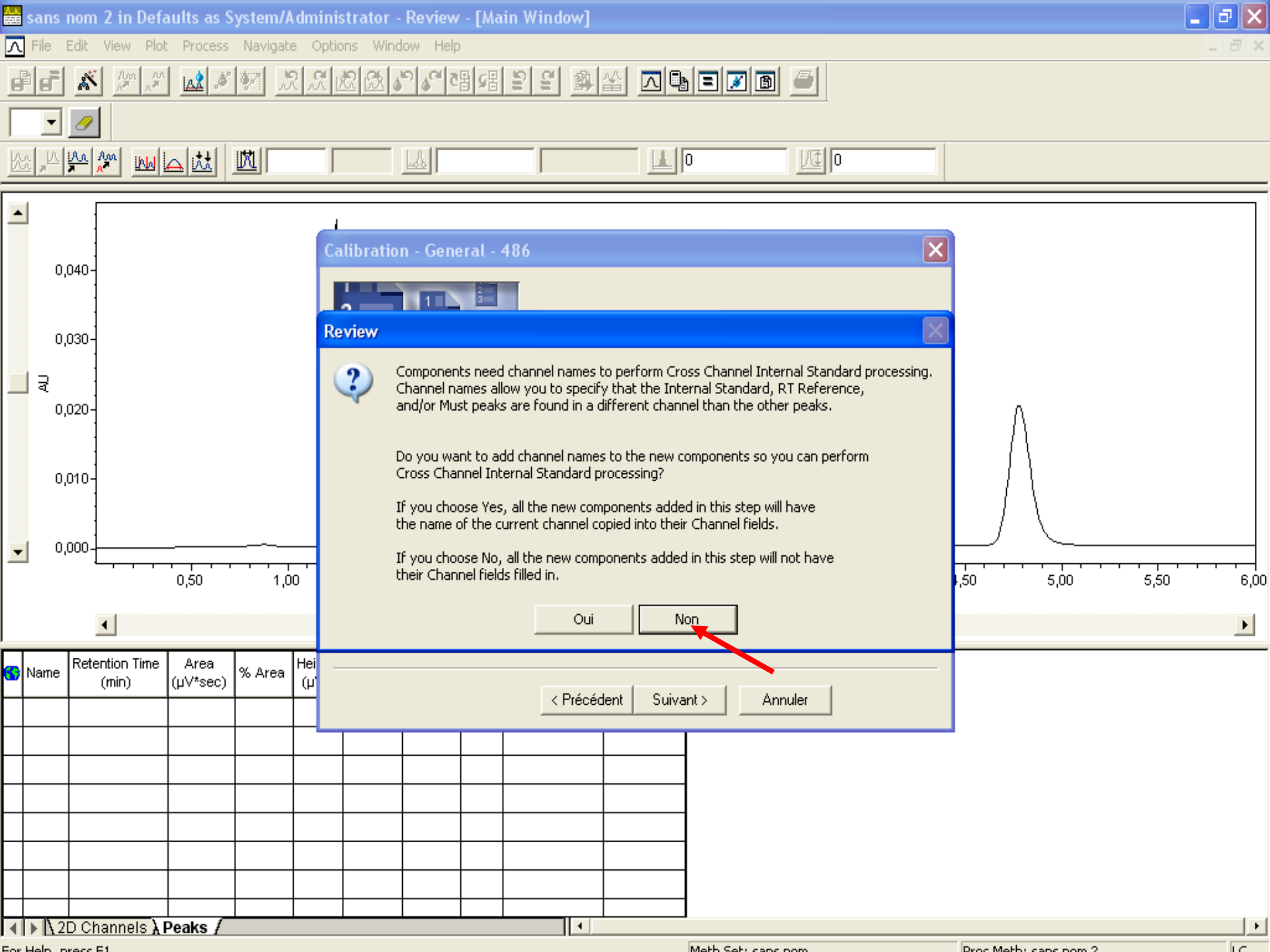
For Help, press F1 | Meth Set: sans nom | Proc Meth: sans nom 2 | LC

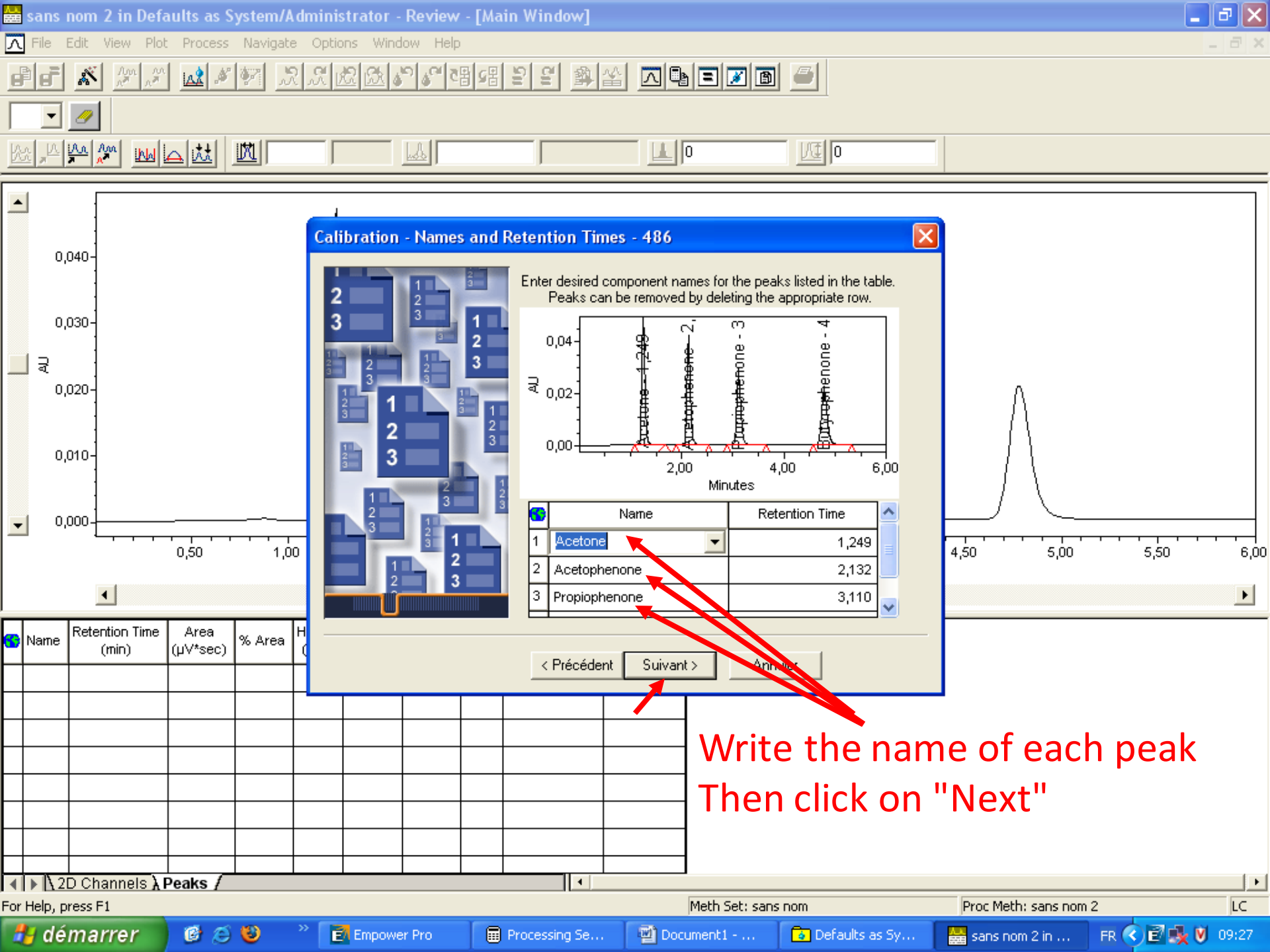


Select the type of calibration curve. Generally, it is either:

1- Linear when working with multiple concentrations of standards.

2- Response factor when working with a single concentration of standard.

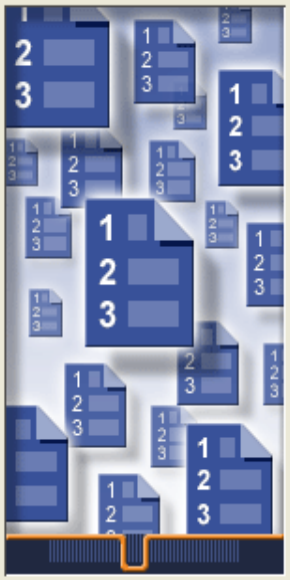

sans nom 2 in Defaults as System/Administrator - Review - [Main Window]
File Edit View Plot Process Navigate Options Window Help
Calibration - General - 486
Review
Components need channel names to perform Cross Channel Internal Standard processing.
Channel names allow you to specify that the Internal Standard, RT Reference,
and/or Must peaks are found in a different channel than the other peaks.
Do you want to add channel names to the new components so you can perform
Cross Channel Internal Standard processing?
If you choose Yes, all the new components added in this step will have
the name of the current channel copied into their Channel fields.
If you choose No, all the new components added in this step will not have
their Channel fields filled in.
Oui
Non
< Précédent
Suivant >
Annuler
Name
Retention Time (min)
Area (µV*sec)
% Area
2D Channels
Peaks


sans nom 2 in Defaults as System/Administrator - Review - [Main Window]
File Edit View Plot Process Navigate Options Window Help
Calibration - Names and Retention Times - 486
Enter desired component names for the peaks listed in the table.
Peaks can be removed by deleting the appropriate row.
Acetone - 1,249
Acetophenone - 2,
Propiophenone - 3
Propiophenone - 4
AU
Minutes
Name
Retention Time
1 Acetone 1,249
2 Acetophenone 2,132
3 Propiophenone 3,110
< Précédent
Suivant >
Write the name of each peak
Then click on "Next"
Name
Retention Time (min)
Area (µV*sec)
% Area
2D Channels
Peaks
For Help, press F1
Meth Set: sans nom
Proc Meth: sans nom 2
démarrer
Empower Pro
Processing Se...
Document1 - ...
Defaults as Sy...
sans nom 2 in ...
09:27

sans nom 2 in Defaults as System/Administrator - Review - [Main Window]

File Edit View Plot Process Navigate Options Window Help

Calibration - Internal Standards - 486



Select type of calibration:

- (•) External Standard Calibration

OR Internal Standard Calibration With:

- ( ) Single Internal Standard
- ( ) Multiple Internal Standards

< Précédent | Suivant > | Annuler

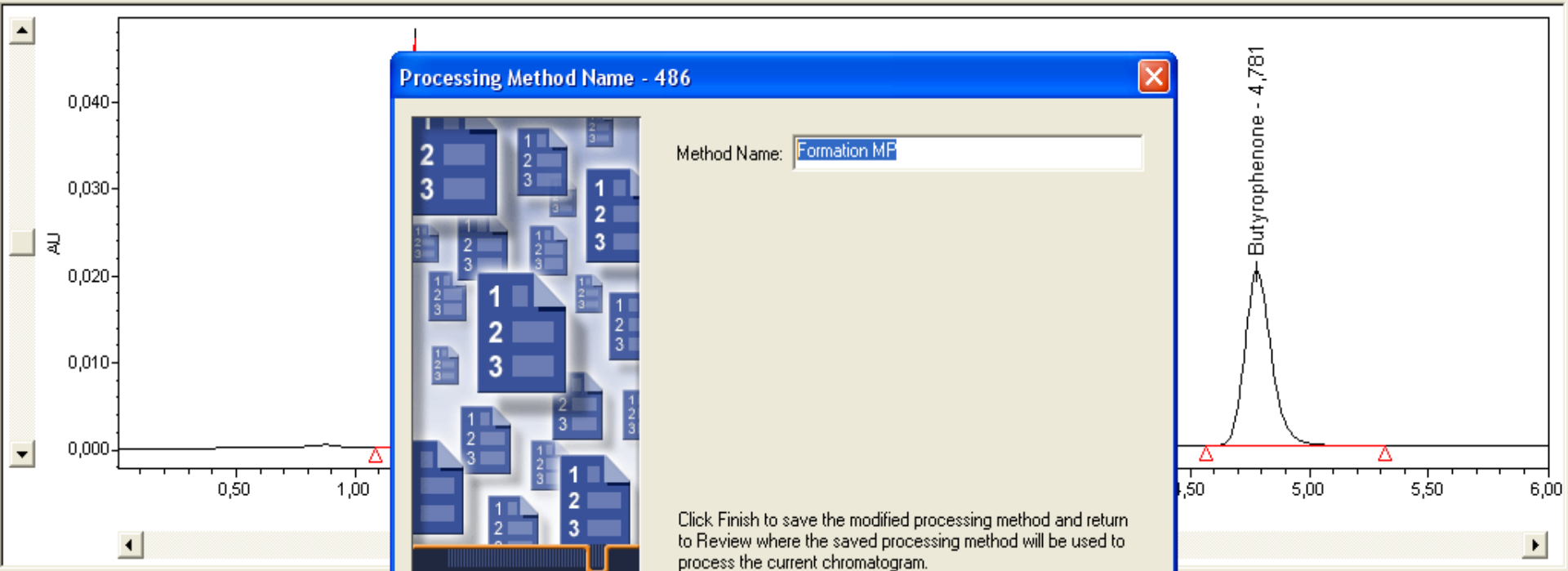
Name	Retention Time (min)	Area (µV*sec)	% Area

2D Channels | Peaks

PQ Std. 2.5x in Defaults as System/Administrator - Review - [Main Window]

File Edit View Plot Process Navigate Options Window Help

37,50 37,50 2,000 2,000 100000 0



Processing Method Name - 486

Method Name: Formation MP

Click Finish to save the modified processing method and return to Review where the saved processing method will be used to process the current chromatogram.

< Précédent | Terminer | Annuler

	Name	Retention Time (min)	Area (µV*sec)	%						
1	Acetone	1,249	198704							
2	Acetophenone	2,132	196045	27,71	39424	BB	2,500		Found	
3	Propiophenone	3,110	155486	21,98	26228	BB	2,500		Found	
4	Butyrophenone	4,781	157316	22,23	20122	BB	2,500		Found	

2D Channels | Peaks

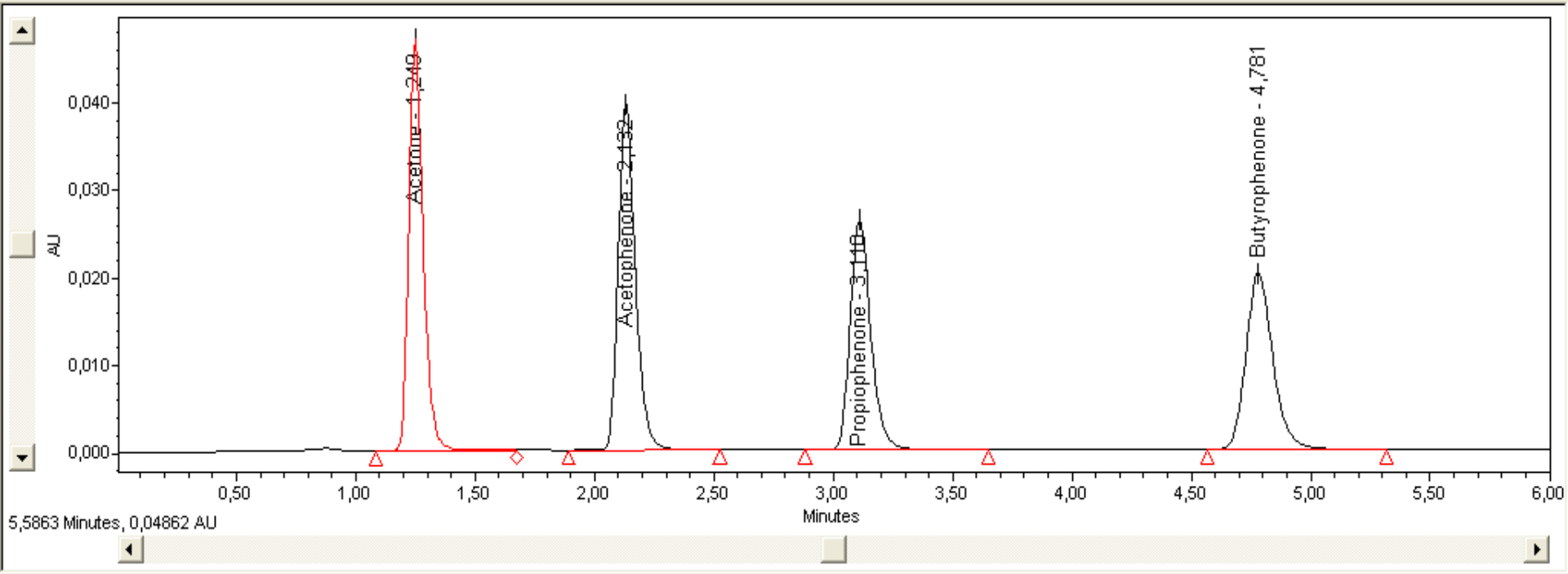
Enter a name example:
Training

PQ Std. 2.5x in Defaults as System/Administrator - Review - [Main Window]

File Edit View Plot Process Navigate Options Window Help

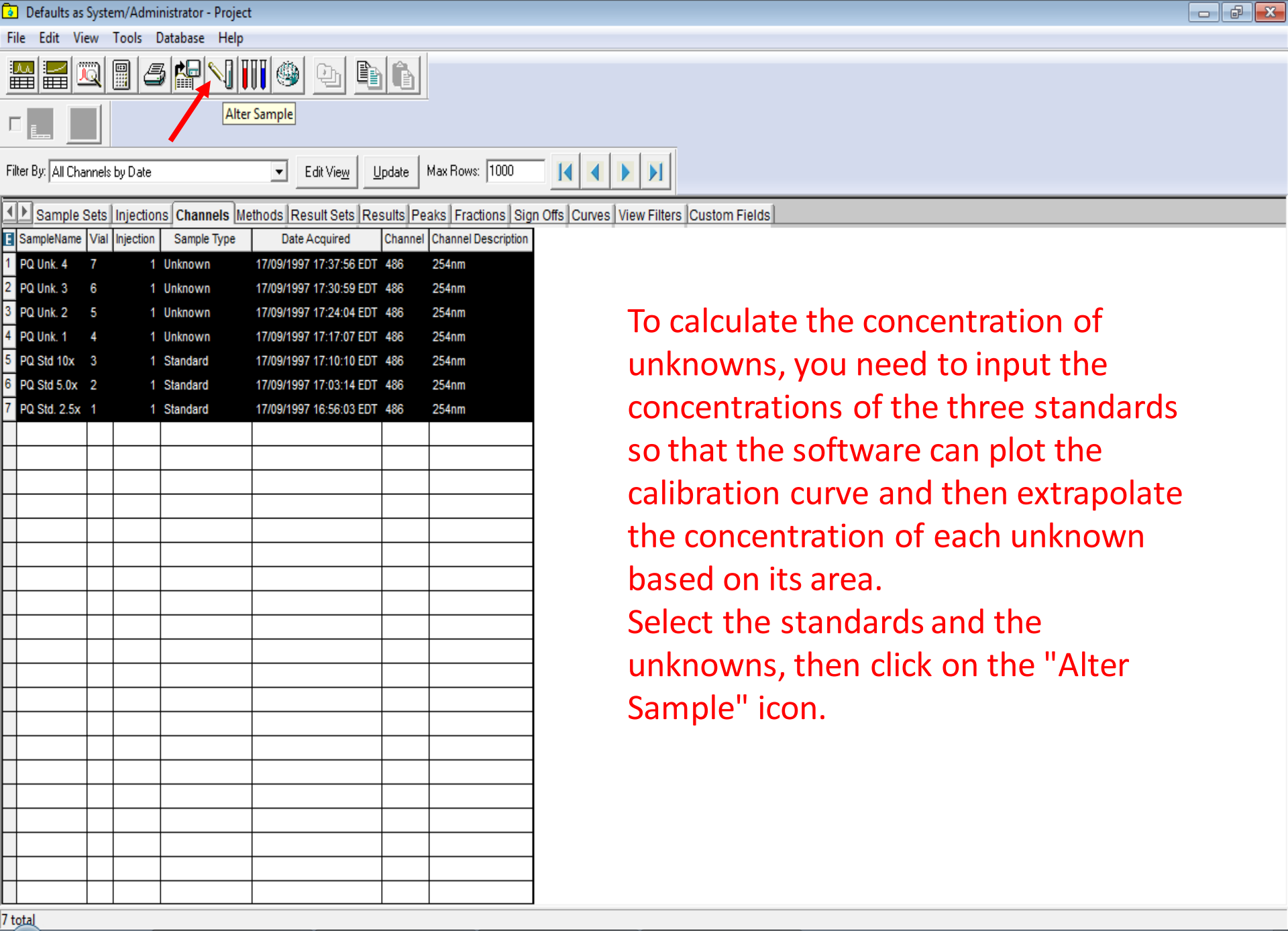
Fermer

37,50 37,50 2,000 2,000 100000 0



	Name	Retention Time (min)	Area (µV*sec)	% Area	Height (µV)	Int Type	Amount	Units	Peak Type	Peak Codes
1	Acetone	1,249	198704	28,08	47020	BV	937,500		Found	
2	Acetophenone	2,132	196045	27,71	39424	BB	2,500		Found	
3	Propiophenone	3,110	155486	21,98	26228	BB	2,500		Found	
4	Butyrophenone	4,781	157316	22,23	20122	BB	2,500		Found	

2D Channels | Peaks



To calculate the concentration of unknowns, you need to input the concentrations of the three standards so that the software can plot the calibration curve and then extrapolate the concentration of each unknown based on its area.

Select the standards and the unknowns, then click on the "Alter Sample" icon.

Sample(s) in Defaults as System/Administrator - Alter Sample

File Edit View Help

Apply Table Preferences: Alter Sample

Amount

	Vial	Inj Vol (uL)	# of Injs	Label	SampleName	Sample Type	Level	Method Set / Report Method	SampleWeight	Dilution	Altered
1	1	20,0	1	S0101	PQ Std. 2.5x	Standard	1	LC Demo Method Set	1,00000	1,00000	☑
2	2	20,0	1	S0102	PQ Std 5.0x	Standard	2	LC Demo Method Set	1,00000	1,00000	☑
3	3	20,0	1	S0103	PQ Std 10x	Standard	3	LC Demo Method Set	1,00000	1,00000	☑
4	4	20,0	1	U0101	PQ Unk. 1	Unknown		LC Demo Method Set	1,00000	1,00000	☑
5	5	20,0	1	U0102	PQ Unk. 2	Unknown		LC Demo Method Set	1,00000	1,00000	☑
6	6	20,0	1	U0103	PQ Unk. 3	Unknown		LC Demo Method Set	1,00000	1,00000	☑
7	7	20,0	1	U0104	PQ Unk. 4	Unknown		LC Demo Method Set	1,00000	1,00000	☑

In the column labeled "SampleWeight," you enter the weights of the samples taken. In the column labeled "Dilution," you enter your dilution factor.

For the Standards, if you have a constant called 'Purity,' you can directly introduce it at the level of the Standards' SimpleWeight.

Opens the component editor

Sample(s) in Defaults as System/Administrator - Alter Sample

File Edit View Help

Apply Table Preferences: Alter Sample

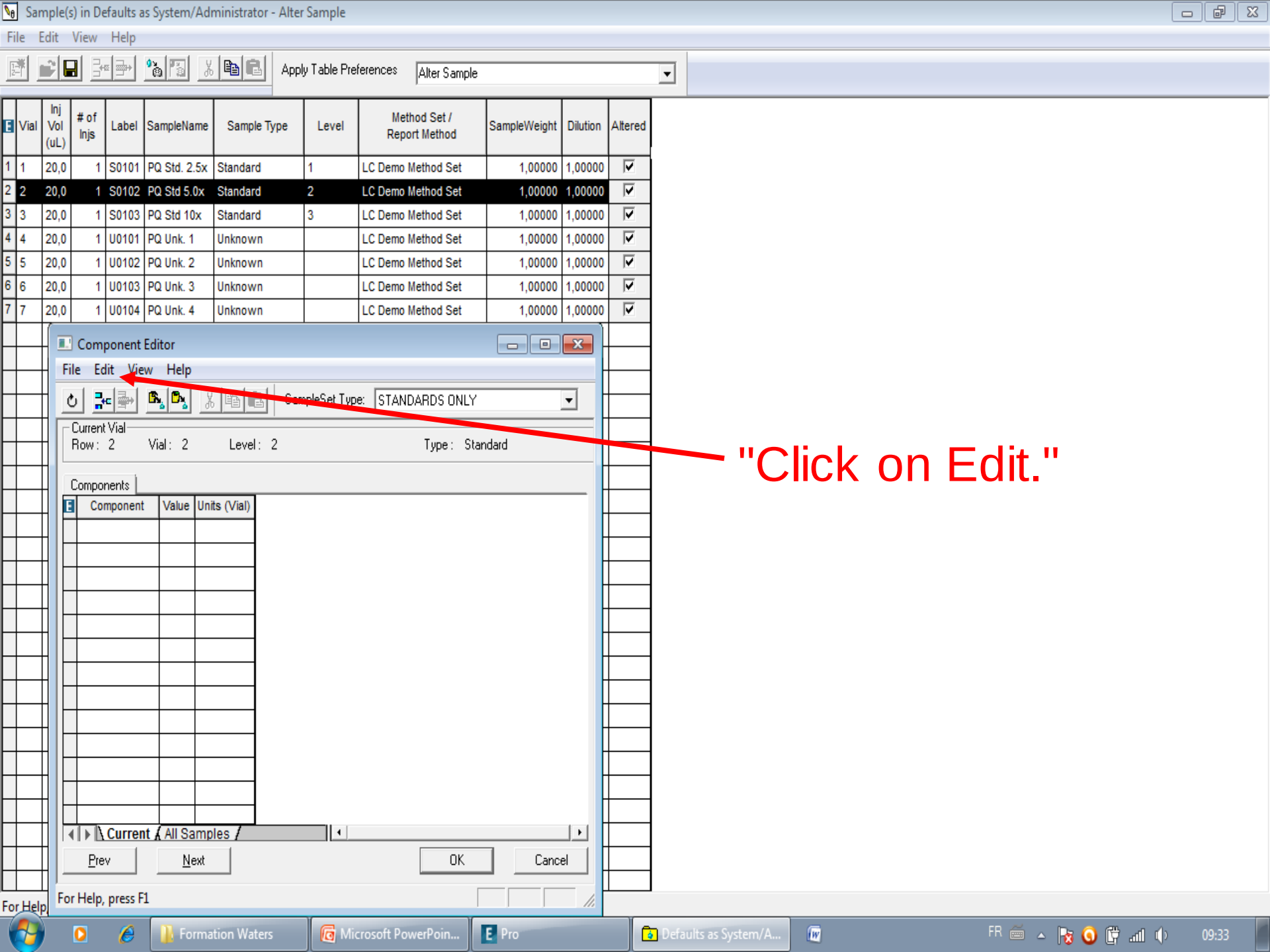
Amount

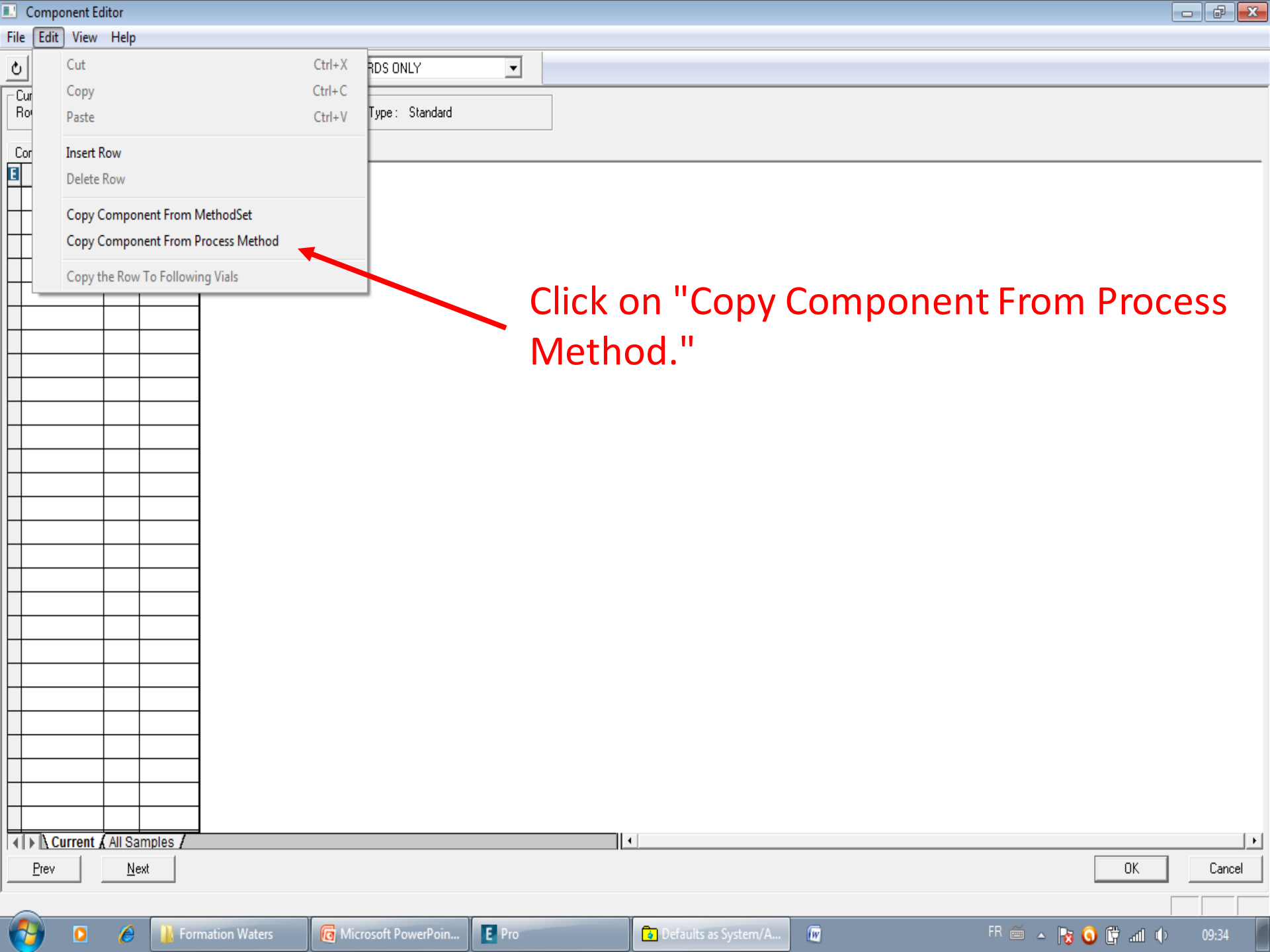
	Vial	Inj Vol (uL)	# of Injs	Label	SampleName	Sample Type	Level	Method Set / Report Method	SampleWeight	Dilution	Altered
1	1	20,0	1	S0101	PQ Std. 2.5x	Standard	1	LC Demo Method Set	1,00000	1,00000	☑
2	2	20,0	1	S0102	PQ Std 5.0x	Standard	2	LC Demo Method Set	1,00000	1,00000	☑
3	3	20,0	1	S0103	PQ Std 10x	Standard	3	LC Demo Method Set	1,00000	1,00000	☑
4	4	20,0	1	U0101	PQ Unk. 1	Unknown		LC Demo Method Set	1,00000	1,00000	☑
5	5	20,0	1	U0102	PQ Unk. 2	Unknown		LC Demo Method Set	1,00000	1,00000	☑
6	6	20,0	1	U0103	PQ Unk. 3	Unknown		LC Demo Method Set	1,00000	1,00000	☑
7	7	20,0	1	U0104	PQ Unk. 4	Unknown		LC Demo Method Set	1,00000	1,00000	☑

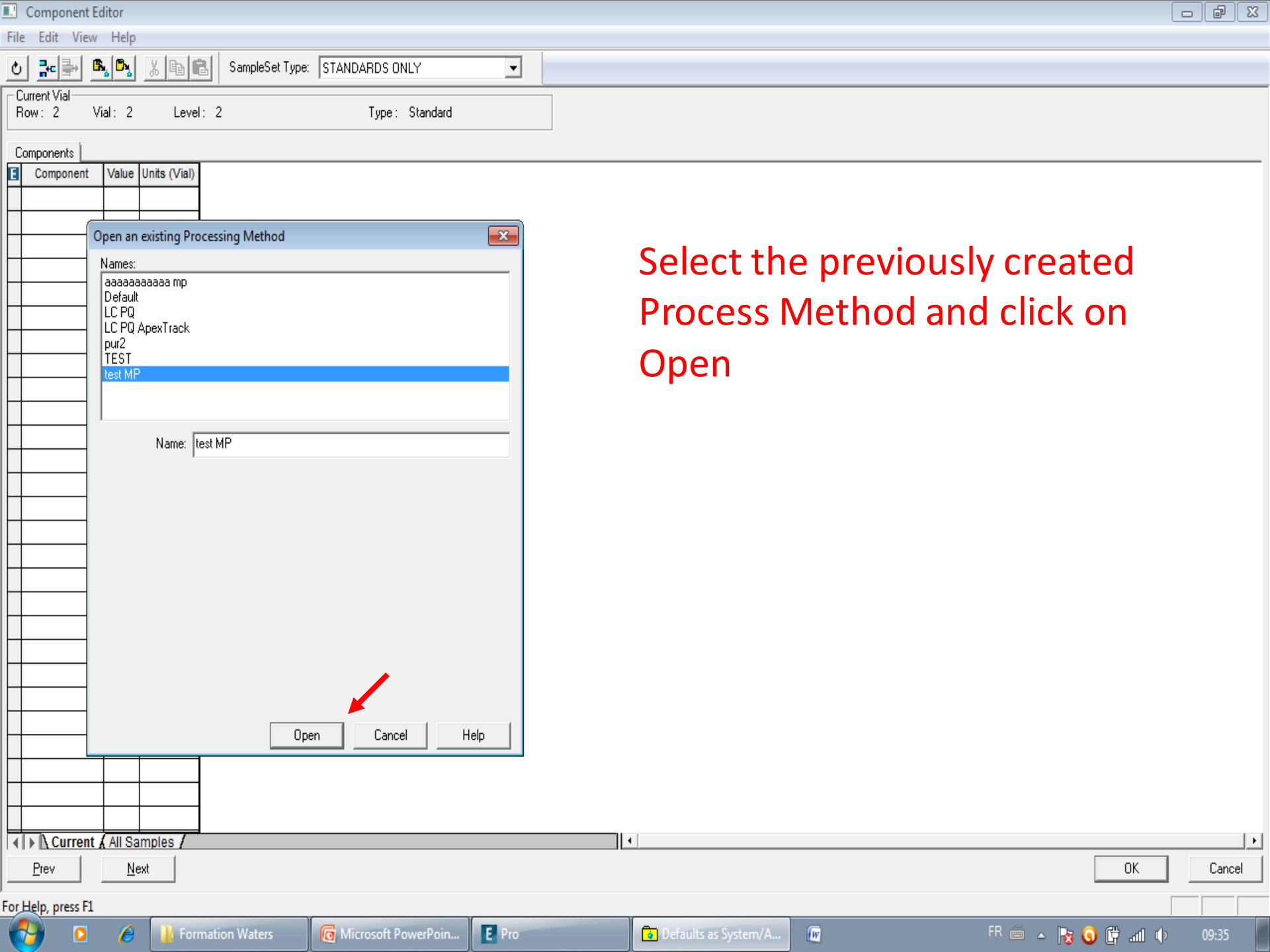
"Click on Amount"

Opens the component editor

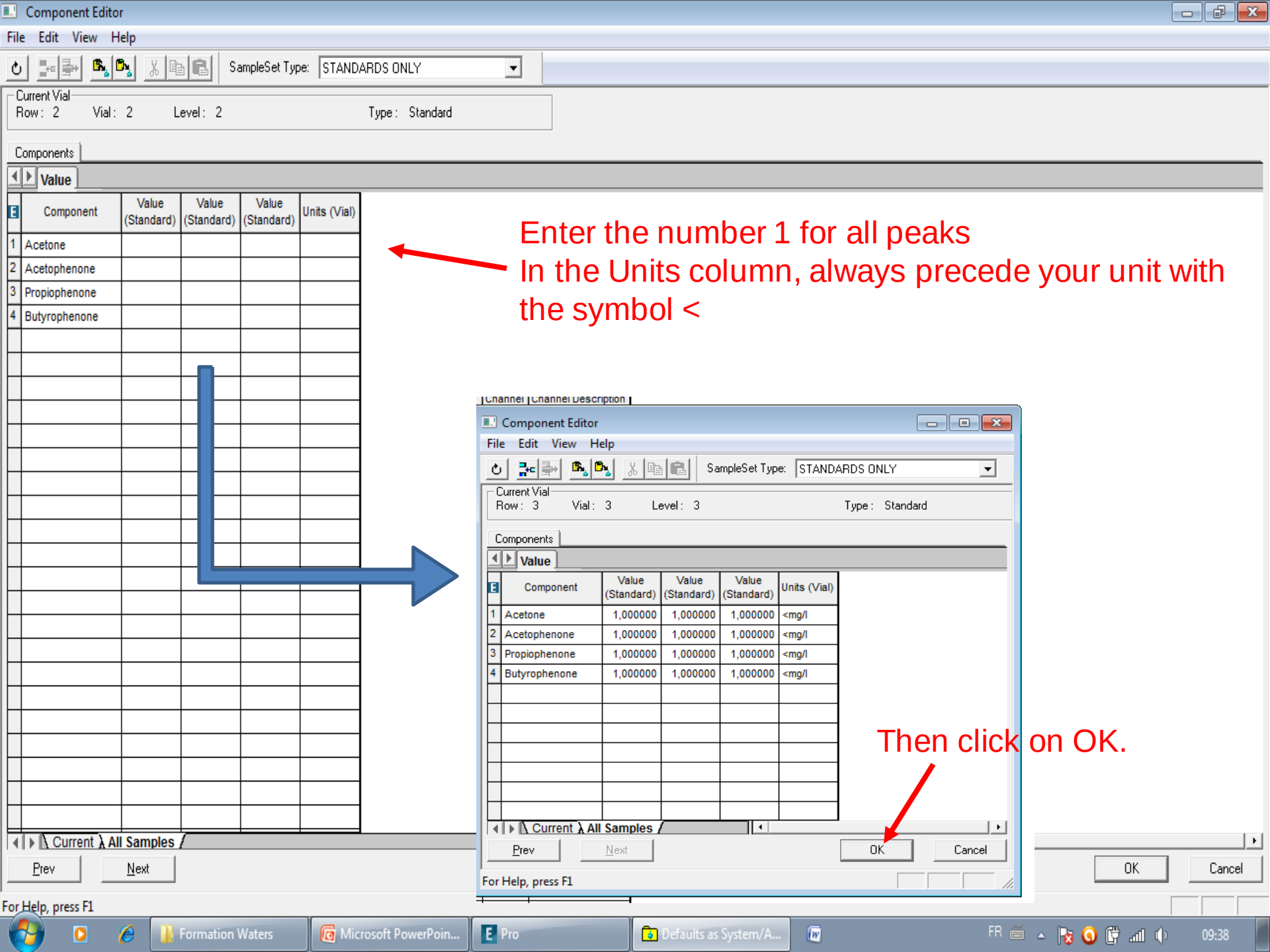
Formation Waters | Microsoft PowerPoin... | Pro | Defaults as System/A... | FR | 09:10


Sample(s) in Defaults as System/Administrator - Alter Sample
File Edit View Help
Apply Table Preferences
Alter Sample
Vial
Inj Vol (uL)
# of Injs
Label
SampleName
Sample Type
Level
Method Set / Report Method
SampleWeight
Dilution
Altered
1 1 20,0 1 S0101 PQ Std. 2.5x Standard 1 LC Demo Method Set 1,00000 1,00000
2 2 20,0 1 S0102 PQ Std 5.0x Standard 2 LC Demo Method Set 1,00000 1,00000
3 3 20,0 1 S0103 PQ Std 10x Standard 3 LC Demo Method Set 1,00000 1,00000
4 4 20,0 1 U0101 PQ Unk. 1 Unknown LC Demo Method Set 1,00000 1,00000
5 5 20,0 1 U0102 PQ Unk. 2 Unknown LC Demo Method Set 1,00000 1,00000
6 6 20,0 1 U0103 PQ Unk. 3 Unknown LC Demo Method Set 1,00000 1,00000
7 7 20,0 1 U0104 PQ Unk. 4 Unknown LC Demo Method Set 1,00000 1,00000
Component Editor
File Edit View Help
SampleSet Type: STANDARDS ONLY
Current Vial
Row: 2 Vial: 2 Level: 2 Type: Standard
Components
Component
Value
Units (Vial)
Current
All Samples
Prev
Next
OK
Cancel
For Help, press F1
"Click on Edit."
For Help
Formation Waters
Microsoft PowerPoin...
Pro
Defaults as System/A...
FR
09:33


Component Editor
File
Edit
View
Help
Cut Ctrl+X
Copy Ctrl+C
Paste Ctrl+V
Insert Row
Delete Row
Copy Component From MethodSet
Copy Component From Process Method
Copy the Row To Following Vials
RDS ONLY
Type : Standard
Click on "Copy Component From Process Method."
Current
All Samples
Prev
Next
OK
Cancel
Formation Waters
Microsoft PowerPoin...
Pro
Defaults as System/A...
FR
09:34



Select the previously created Process Method and click on Open


Component Editor
File Edit View Help
SampleSet Type: STANDARDS ONLY
Current Vial
Row: 2 Vial: 2 Level: 2 Type: Standard
Components
Value
Component | Value (Standard) | Value (Standard) | Value (Standard) | Units (Vial)
1 Acetone
2 Acetophenone
3 Propiophenone
4 Butyrophenone
Current All Samples
Prev Next
Enter the number 1 for all peaks
In the Units column, always precede your unit with the symbol <
Component Editor
File Edit View Help
SampleSet Type: STANDARDS ONLY
Current Vial
Row: 3 Vial: 3 Level: 3 Type: Standard
Components
Value
Component | Value (Standard) | Value (Standard) | Value (Standard) | Units (Vial)
1 Acetone 1,000000 1,000000 1,000000 <mg/l
2 Acetophenone 1,000000 1,000000 1,000000 <mg/l
3 Propiophenone 1,000000 1,000000 1,000000 <mg/l
4 Butyrophenone 1,000000 1,000000 1,000000 <mg/l
Current All Samples
Prev Next OK Cancel
For Help, press F1
Then click on OK.
OK Cancel
For Help, press F1
Formation Waters
Microsoft PowerPoin...
Pro
Defaults as System/A...
FR
09:38

Sample(s) in Defaults as System/Administrator - Alter Sample

File Edit View Help

Apply Table Preferences: Alter Sample

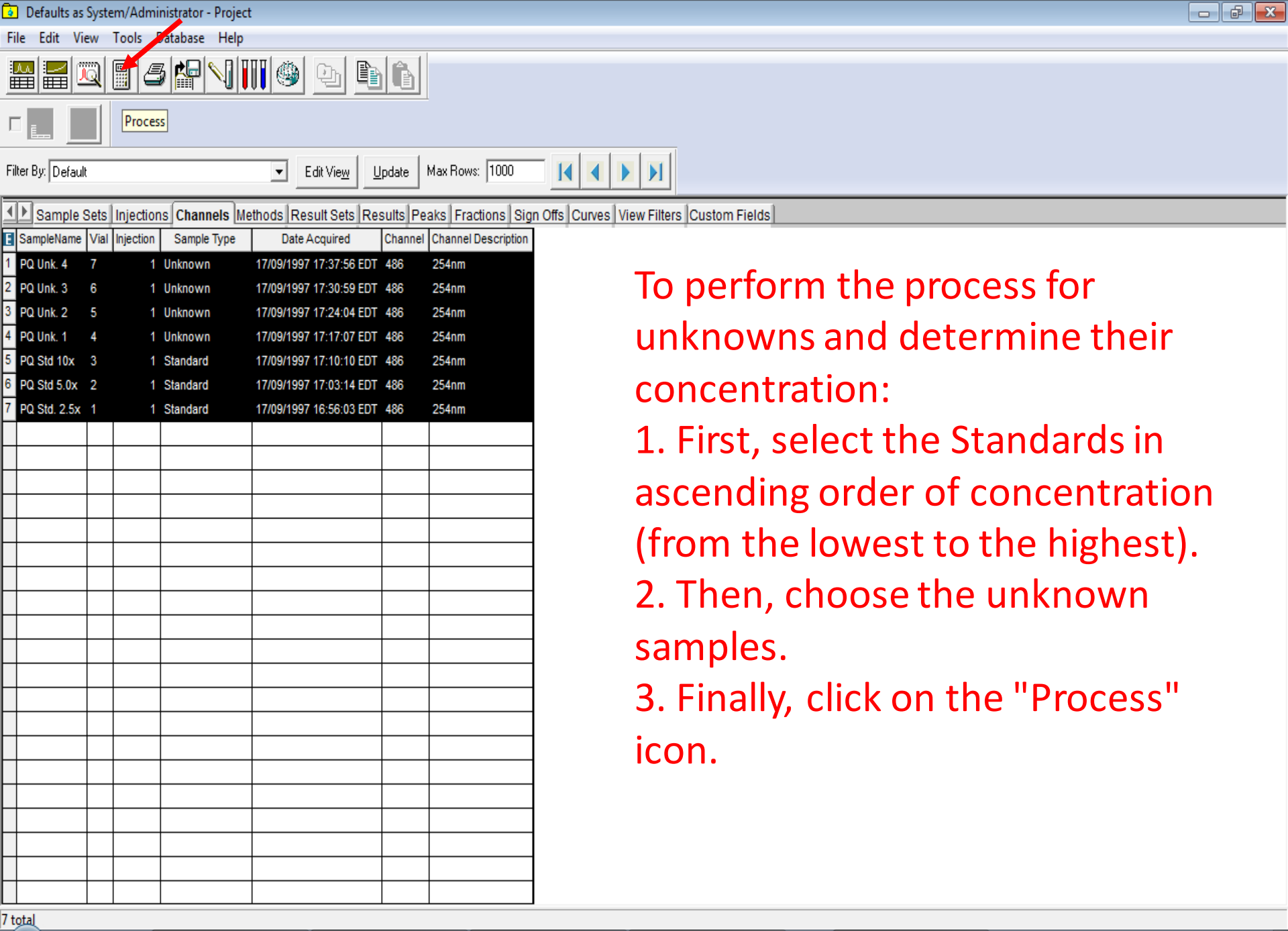
Save

	Vial	Inj Vol (uL)	# of Injs	Label	SampleName	Sample Type	Level	Method Set / Report Method	SampleWeight	Dilution	Altered
1	1	20,0	1	S0101	PQ Std. 2.5x	Standard	1	LC Demo Method Set	1,00000	1,00000	☑
2	2	20,0	1	S0102	PQ Std 5.0x	Standard	2	LC Demo Method Set	1,00000	1,00000	☑
3	3	20,0	1	S0103	PQ Std 10x	Standard	3	LC Demo Method Set	1,00000	1,00000	☑
4	4	20,0	1	U0101	PQ Unk. 1	Unknown		LC Demo Method Set	1,00000	1,00000	☑
5	5	20,0	1	U0102	PQ Unk. 2	Unknown		LC Demo Method Set	1,00000	1,00000	☑
6	6	20,0	1	U0103	PQ Unk. 3	Unknown		LC Demo Method Set	1,00000	1,00000	☑
7	7	20,0	1	U0104	PQ Unk. 4	Unknown		LC Demo Method Set	1,00000	1,00000	☑

Click on "save" and then "quit."

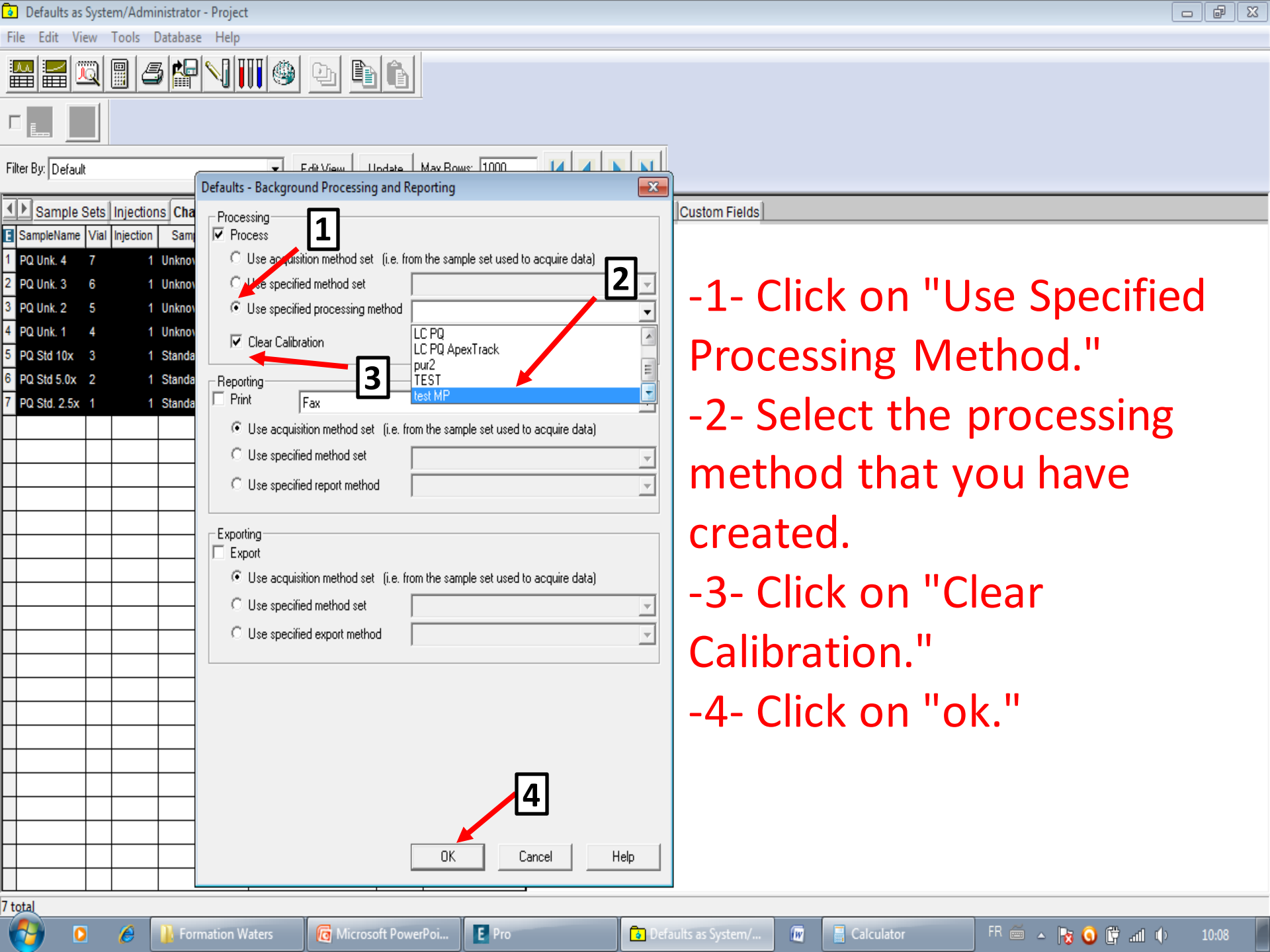
Save the changes just made

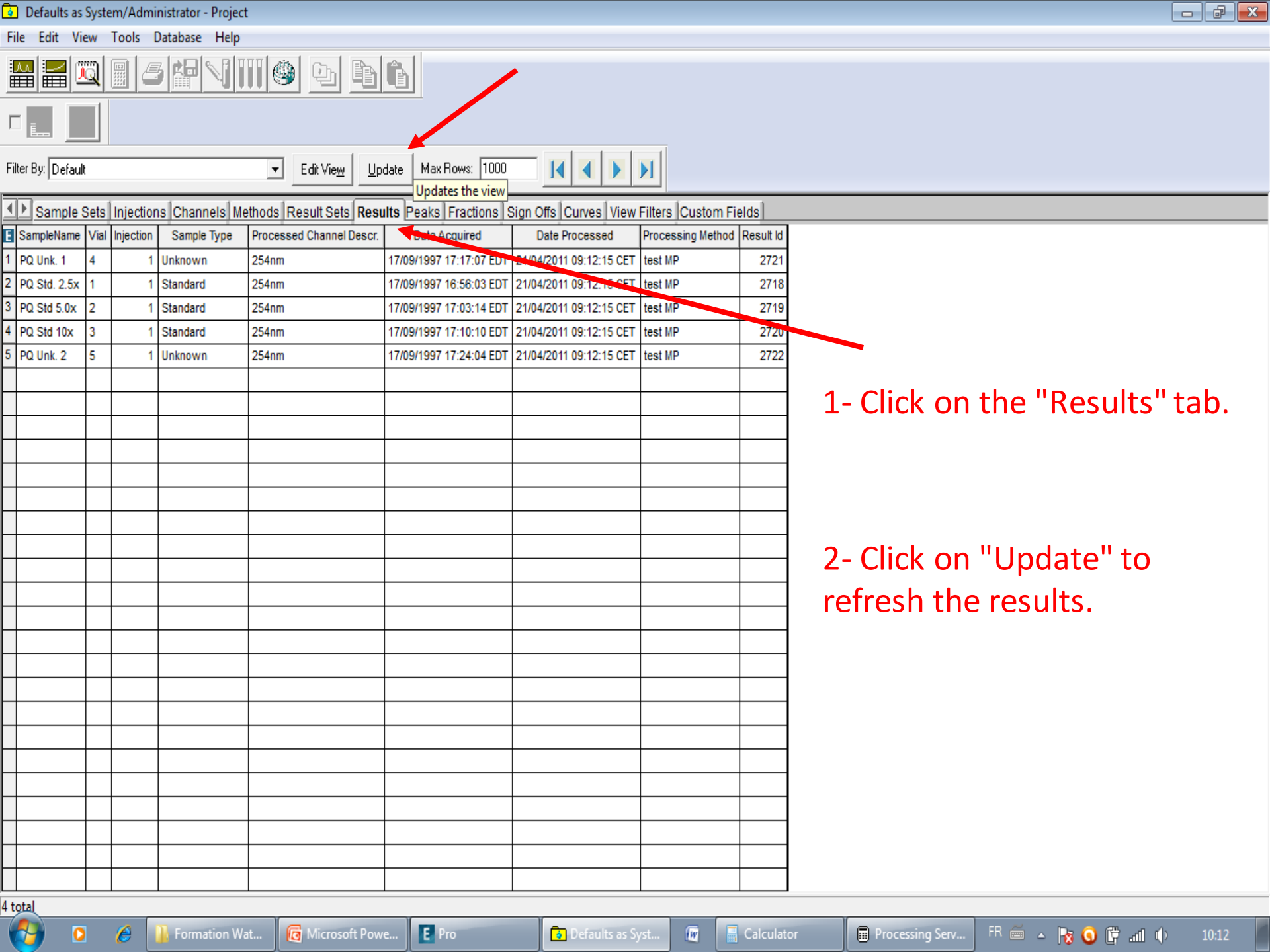
Formation Waters | Microsoft PowerPoin... | Pro | Defaults as System/A... | FR | 09:58

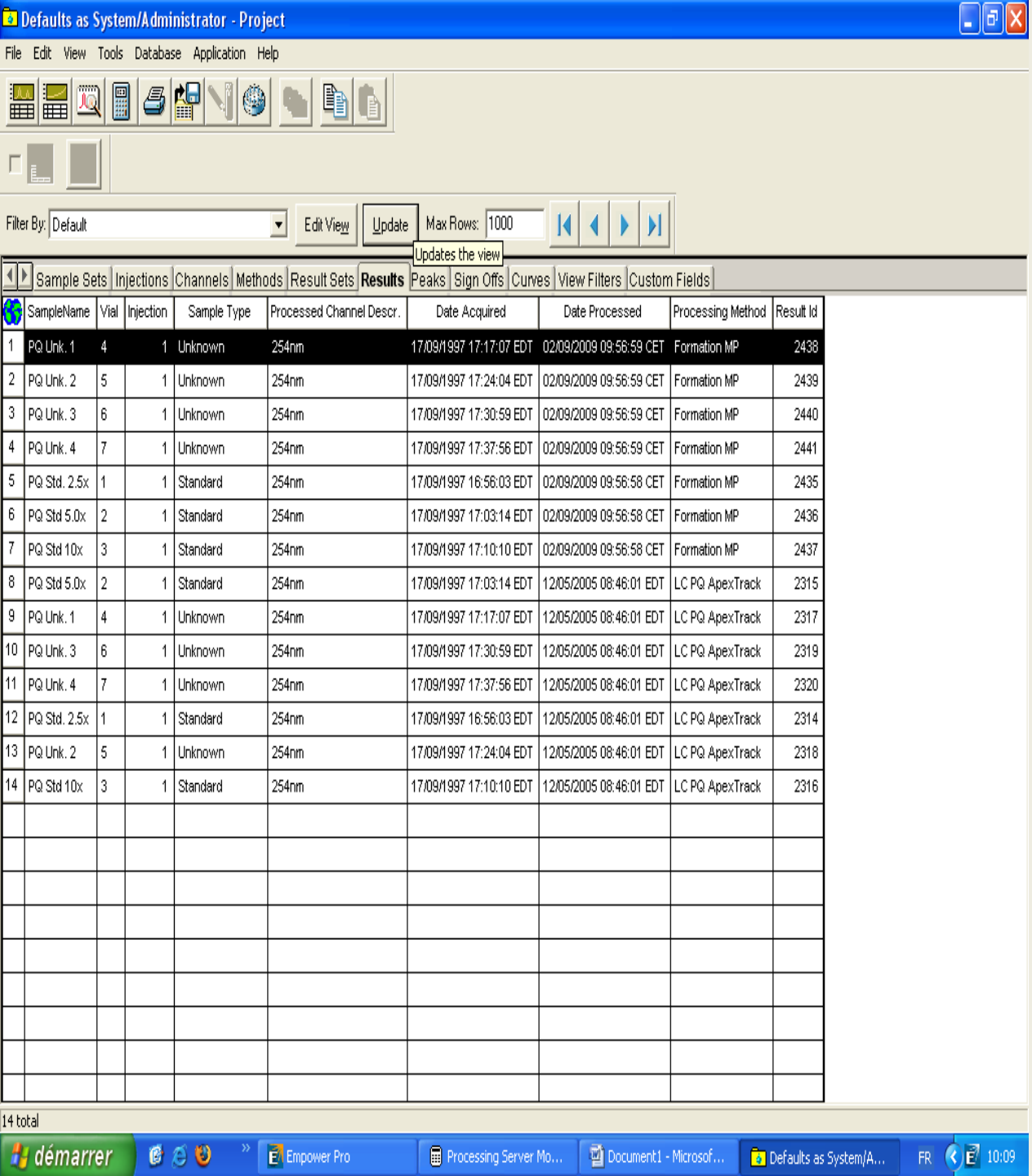


To perform the process for unknowns and determine their concentration:

1. First, select the Standards in ascending order of concentration (from the lowest to the highest).
2. Then, choose the unknown samples.
3. Finally, click on the "Process" icon.


Defaults as System/Administrator - Project
File Edit View Tools Database Help
Filter By: Default
Edit View
Update
Max Rows: 1000
Sample Sets
Injections
Cha
SampleName Vial Injection Samp
1 PQ Unk. 4 7 1 Unknov
2 PQ Unk. 3 6 1 Unknov
3 PQ Unk. 2 5 1 Unknov
4 PQ Unk. 1 4 1 Unknov
5 PQ Std 10x 3 1 Standa
6 PQ Std 5.0x 2 1 Standa
7 PQ Std. 2.5x 1 1 Standa
7 total
Defaults - Background Processing and Reporting
Processing
Process
Use acquisition method set (i.e. from the sample set used to acquire data)
Use specified method set
Use specified processing method
Clear Calibration
LC PQ
LC PQ ApexTrack
pur2
TEST
test MP
Reporting
Print
Fax
Use acquisition method set (i.e. from the sample set used to acquire data)
Use specified method set
Use specified report method
Exporting
Export
Use acquisition method set (i.e. from the sample set used to acquire data)
Use specified method set
Use specified export method
OK
Cancel
Help
1
2
3
4
Custom Fields
-1- Click on "Use Specified Processing Method."
-2- Select the processing method that you have created.
-3- Click on "Clear Calibration."
-4- Click on "ok."
Formation Waters
Microsoft PowerPoi...
Pro
Defaults as System/...
Calculator
FR
10:08


Defaults as System/Administrator - Project
File Edit View Tools Database Help
Filter By: Default
Edit View
Update
Max Rows: 1000
Updates the view
Sample Sets Injections Channels Methods Result Sets Results Peaks Fractions Sign Offs Curves View Filters Custom Fields
SampleName Vial Injection Sample Type Processed Channel Descr. Date Acquired Date Processed Processing Method Result Id
1 PQ Unk. 1 4 1 Unknown 254nm 17/09/1997 17:17:07 EDT 21/04/2011 09:12:15 CET test MP 2721
2 PQ Std. 2.5x 1 1 Standard 254nm 17/09/1997 16:56:03 EDT 21/04/2011 09:12:15 CET test MP 2718
3 PQ Std 5.0x 2 1 Standard 254nm 17/09/1997 17:03:14 EDT 21/04/2011 09:12:15 CET test MP 2719
4 PQ Std 10x 3 1 Standard 254nm 17/09/1997 17:10:10 EDT 21/04/2011 09:12:15 CET test MP 2720
5 PQ Unk. 2 5 1 Unknown 254nm 17/09/1997 17:24:04 EDT 21/04/2011 09:12:15 CET test MP 2722
4 total
1- Click on the "Results" tab.
2- Click on "Update" to refresh the results.



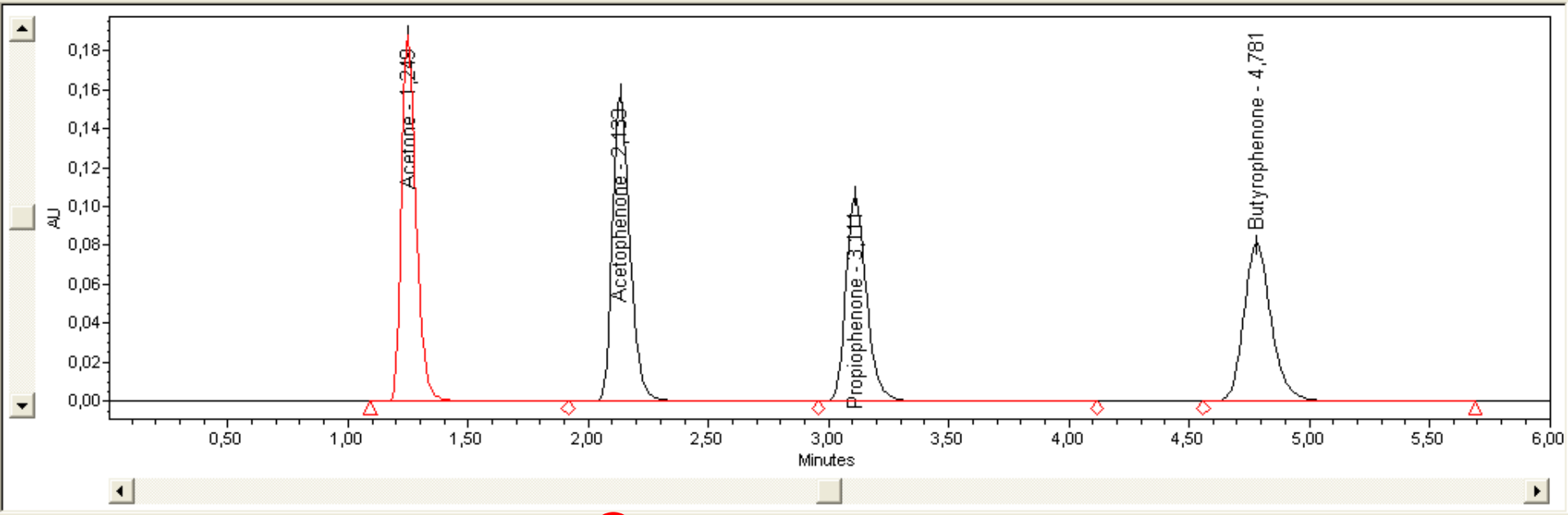
To view the concentration of unknown peaks:

1- Double-click on the chromatogram of your choice

2- Alternatively, select the chromatogram and click on "Review"

PQ Unk. 1 in Defaults as System/Administrator - Review - [Main Window]

File Edit View Plot Process Navigate Options Window Help



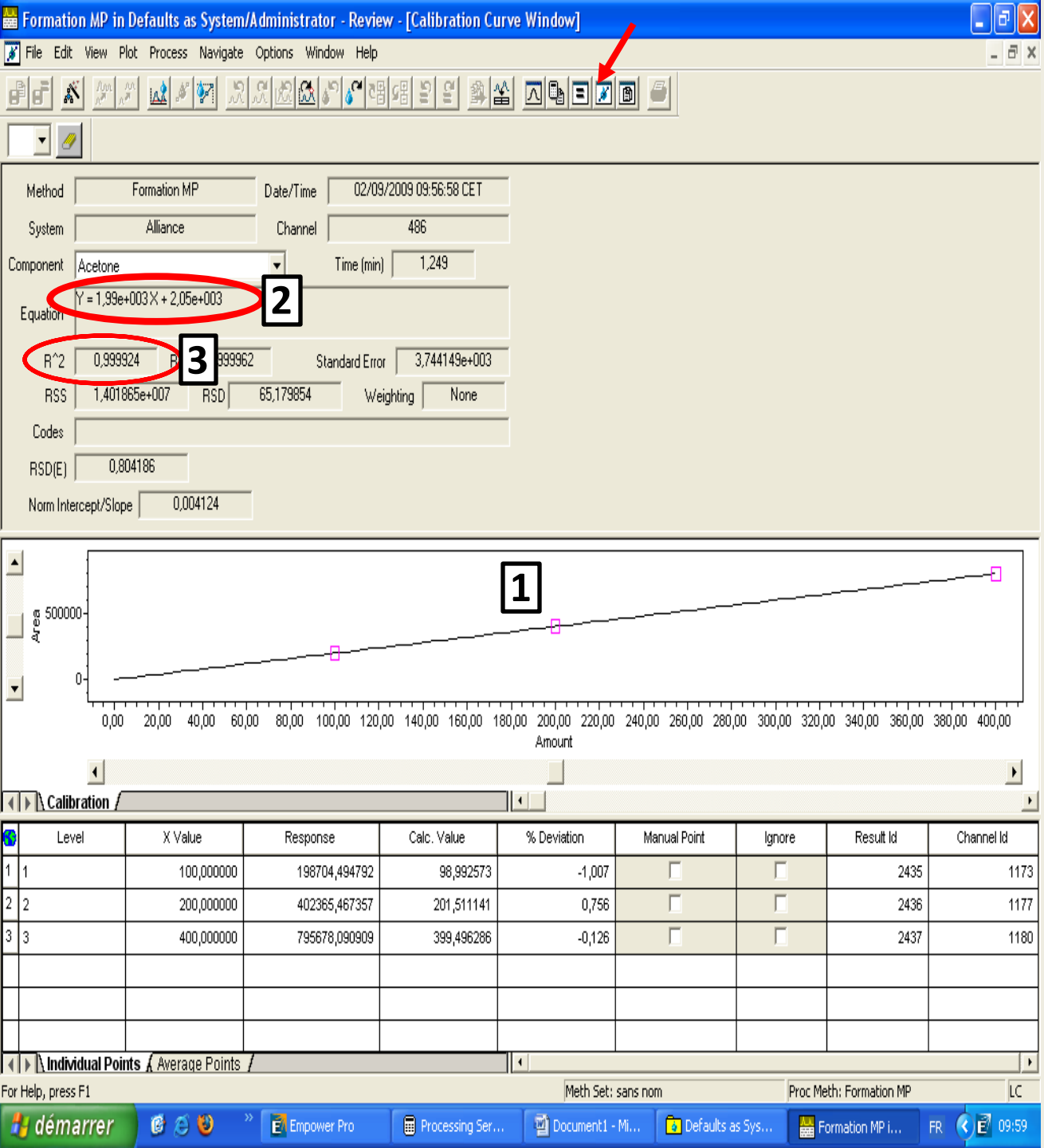
	Name	Retention Time (min)	Area (µV*sec)	% Area	Height (µV)	Int Type	Amount	Units	Peak Type	Peak Codes
1	Acetone	1,249	802579	28,00	187798	BV	402,970		Found	Q09
2	Acetophenone	2,133	794688	27,73	157462	VV	10,099		Found	Q09
3	Propiophenone	3,111	631403	22,03	105414	VV	10,132		Found	Q09
4	Butyrophenone	4,781	637338	22,24	81063	VB	10,064		Found	Q09

2D Channels | Peaks

Here are the concentrations of each peak.

For Help, press F1 | Meth Set: sans nom | Proc Meth: Formation MP | LC

démarrer | Empower Pro | Processing Se... | Document1 - ... | Defaults as Sy... | PQ Unk. 1 in D... | FR | 09:58

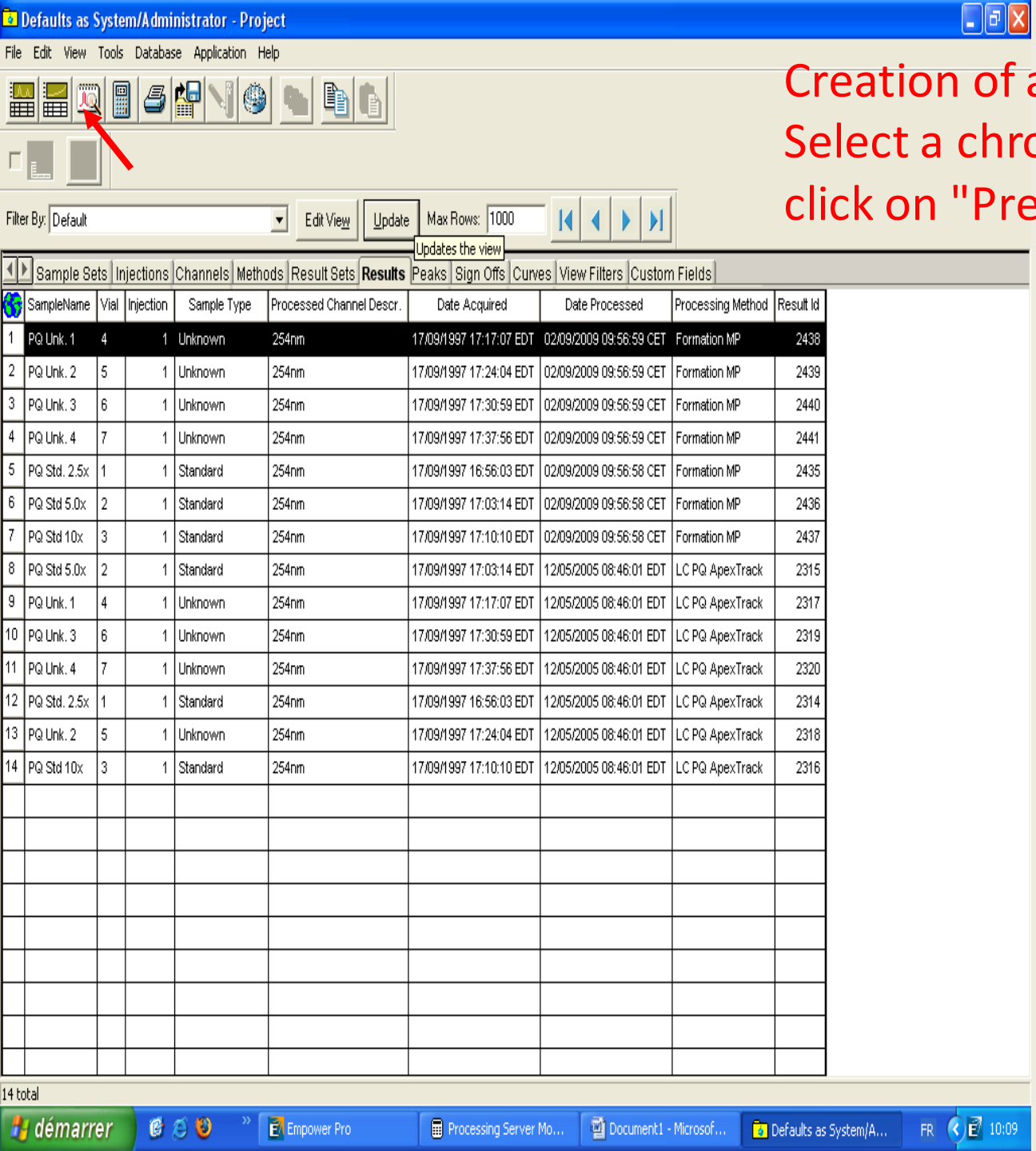


By clicking on the "Calibration Curve" icon:

1- You obtain the calibration curve generated by the three standards.

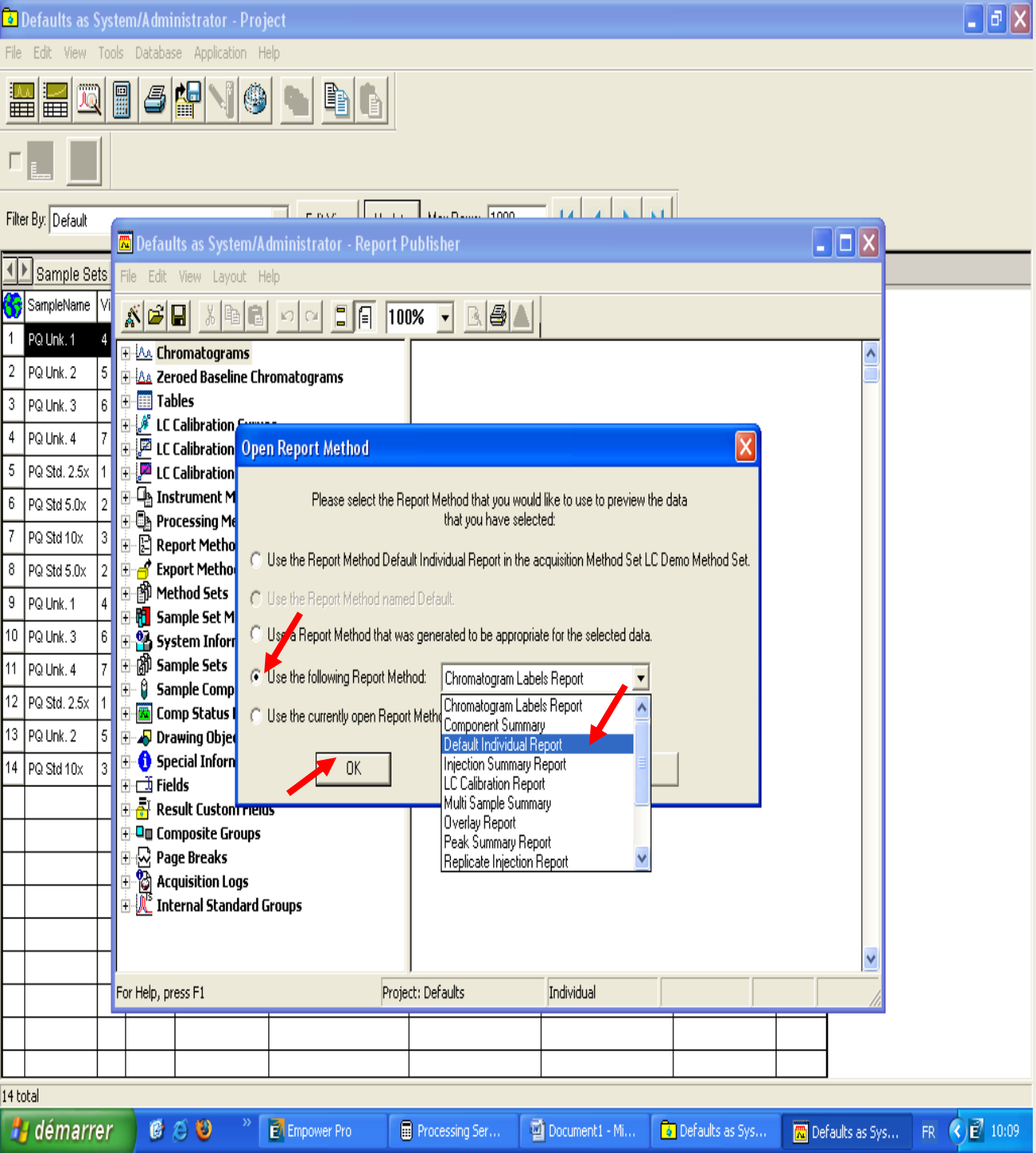
2- The equation of the straight line.

3- As well as the R^2 value.



	SampleName	Vial	Injection	Sample Type	Processed Channel Descr.	Date Acquired	Date Processed	Processing Method	Result Id
1	PQ Unk. 1	4	1	Unknown	254nm	17/09/1997 17:17:07 EDT	02/09/2009 09:56:59 CET	Formation MP	2438
2	PQ Unk. 2	5	1	Unknown	254nm	17/09/1997 17:24:04 EDT	02/09/2009 09:56:59 CET	Formation MP	2439
3	PQ Unk. 3	6	1	Unknown	254nm	17/09/1997 17:30:59 EDT	02/09/2009 09:56:59 CET	Formation MP	2440
4	PQ Unk. 4	7	1	Unknown	254nm	17/09/1997 17:37:56 EDT	02/09/2009 09:56:59 CET	Formation MP	2441
5	PQ Std. 2.5x	1	1	Standard	254nm	17/09/1997 16:56:03 EDT	02/09/2009 09:56:58 CET	Formation MP	2435
6	PQ Std 5.0x	2	1	Standard	254nm	17/09/1997 17:03:14 EDT	02/09/2009 09:56:58 CET	Formation MP	2436
7	PQ Std 10x	3	1	Standard	254nm	17/09/1997 17:10:10 EDT	02/09/2009 09:56:58 CET	Formation MP	2437
8	PQ Std 5.0x	2	1	Standard	254nm	17/09/1997 17:03:14 EDT	12/05/2005 08:46:01 EDT	LC PQ ApexTrack	2315
9	PQ Unk. 1	4	1	Unknown	254nm	17/09/1997 17:17:07 EDT	12/05/2005 08:46:01 EDT	LC PQ ApexTrack	2317
10	PQ Unk. 3	6	1	Unknown	254nm	17/09/1997 17:30:59 EDT	12/05/2005 08:46:01 EDT	LC PQ ApexTrack	2319
11	PQ Unk. 4	7	1	Unknown	254nm	17/09/1997 17:37:56 EDT	12/05/2005 08:46:01 EDT	LC PQ ApexTrack	2320
12	PQ Std. 2.5x	1	1	Standard	254nm	17/09/1997 16:56:03 EDT	12/05/2005 08:46:01 EDT	LC PQ ApexTrack	2314
13	PQ Unk. 2	5	1	Unknown	254nm	17/09/1997 17:24:04 EDT	12/05/2005 08:46:01 EDT	LC PQ ApexTrack	2318
14	PQ Std 10x	3	1	Standard	254nm	17/09/1997 17:10:10 EDT	12/05/2005 08:46:01 EDT	LC PQ ApexTrack	2316

Creation of a report:
Select a chromatogram and click on "Preview/Publisher."



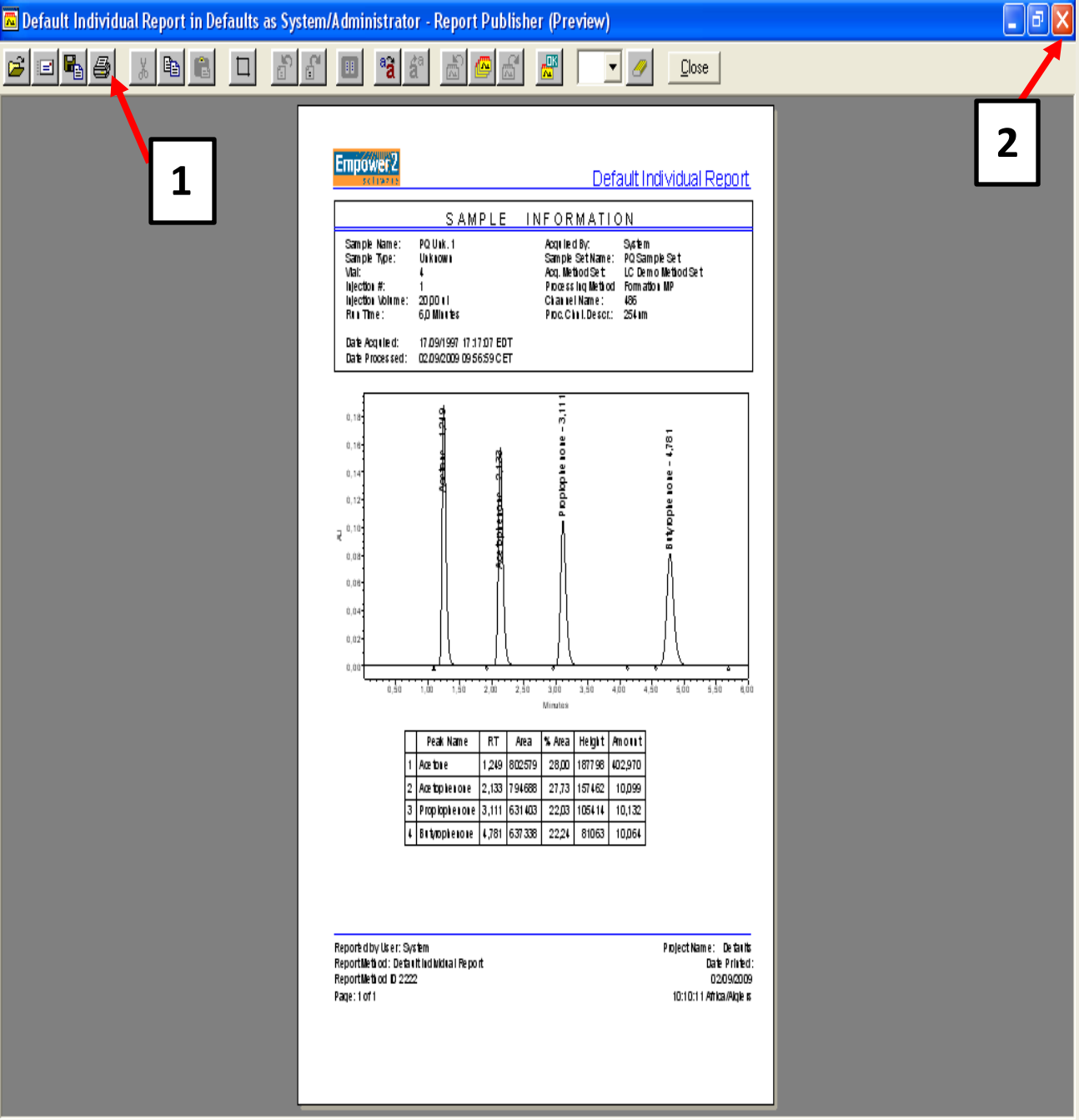
Creating a report:

1. Click on "Use the following Report Method."

2. Select one of the reports from the list.

3. Click on "OK."

In this example, we will use the "Default Individual Report."



- 1- To print the report, click on the "Print" icon.
- 2- To edit the report and add other parameters, click on "Quit."

Default Individual Report in Defaults as System/Administrator - Report Publisher

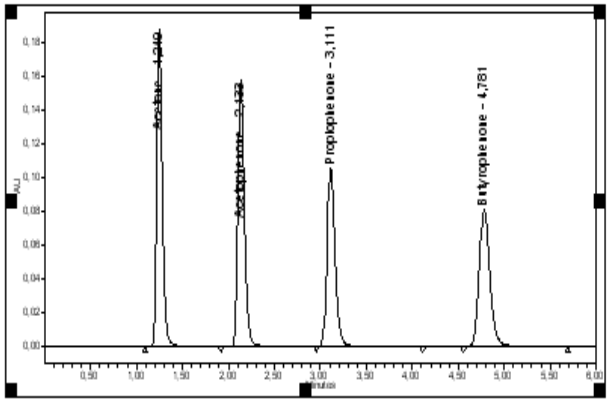
File Edit View Layout Help

100%

- Chromatograms
- Zeroed Baseline Chromatograms
- Tables
  - All Peaks Table
  - Amount Component Summary
  - Area Component Summary
  - Basic LC Peaks Table
  - Component Table
  - EP Sys Suit Result Table
  - EP Sys Suit Summary Table
  - GPC Average System Sigma
  - GPC Results Table
  - GPC Summary Results Table
  - GPC System Sigma
  - GPCV Results Table
  - Group Peaks Table
  - JP Sys Suit Result Table
  - JP Sys Suit Summary Table
  - MS Results Table
  - Pattern Match Interval Table
  - PDA Results Table
  - Peak Labels Table
  - Peak Results Table
  - Sample Set Table
  - Sign Off Table
  - Summary Table
  - Unknown Peaks Table
  - USP Sys Suit Result Table
  - USP Sys Suit Summary Table
- LC Calibration Curves
- LC Calibration Point Tables
- LC Calibration Avg. Point Tables
- Instrument Methods
- Processing Methods
- Report Methods
- Export Methods
- Method Sets
- Sample Set Methods
- System Information
- Sample Sets

SAMPLE INFORMATION

Sample Name:	PQ Unk. 1	Acquired By:	System
Sample Type:	Unknown	Sample Set Name:	PQ Sample Set
Vial:	4	Acq. Method Set:	LC Demo Method Set
Injection #:	1	Processing Method:	Formation MP
Injection Volume:	20.00 ul	Channel Name:	486
Run Time:	6.0 Minutes	Proc. Chnl. Descr.	254nm
Date Acquired:	17/09/1997 17:17:07 EDT		
Date Processed:	02/09/2009 09:56:59 CET		

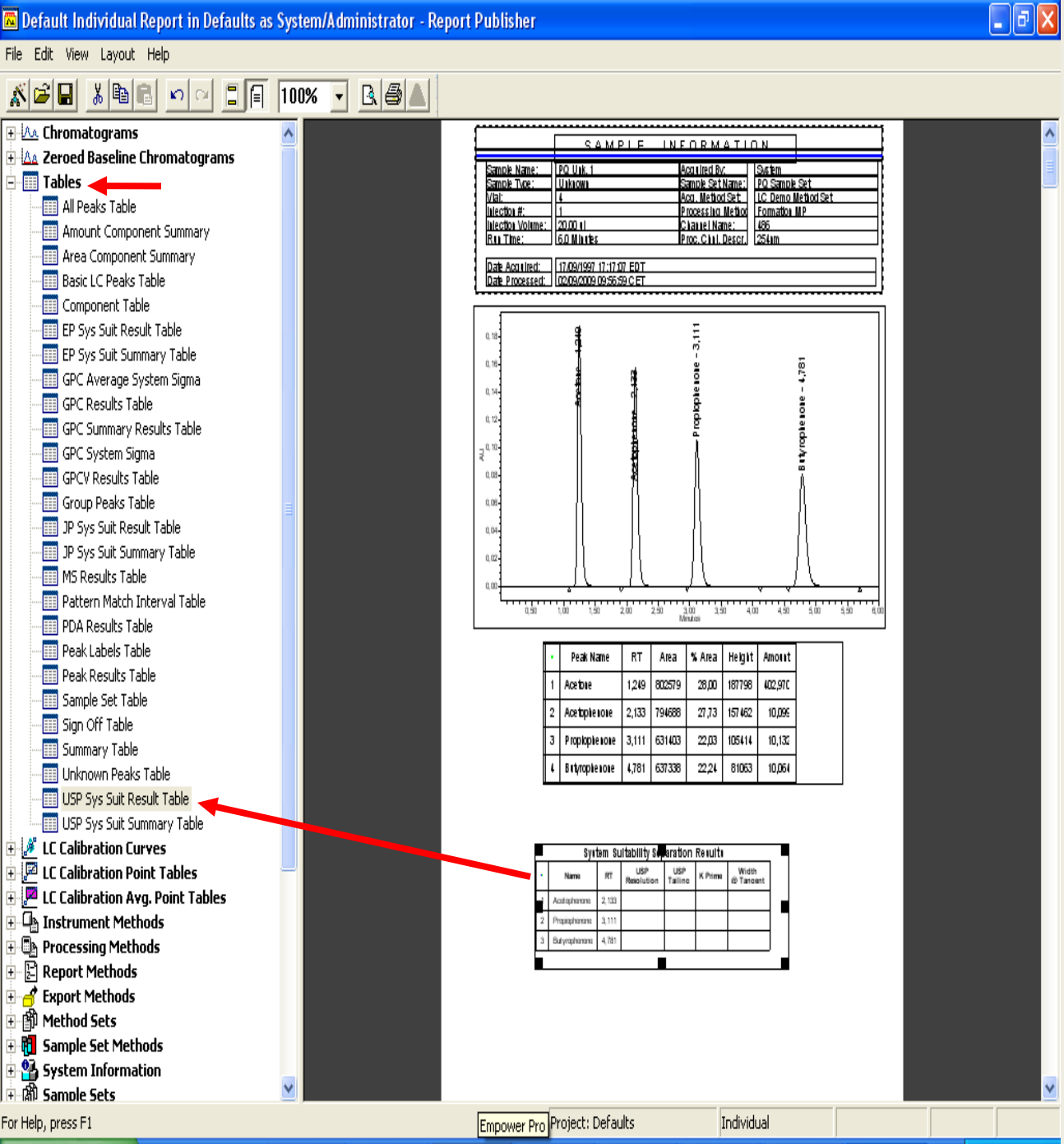


	Peak Name	RT	Area	% Area	Height	Amount
1	Acetone	1,249	802579	28,00	187798	402,970
2	Acetophenone	2,133	794688	27,73	157462	10,095
3	Propiophenone	3,111	631403	22,03	105414	10,132
4	Butyrophenone	4,781	637338	22,24	81063	10,064

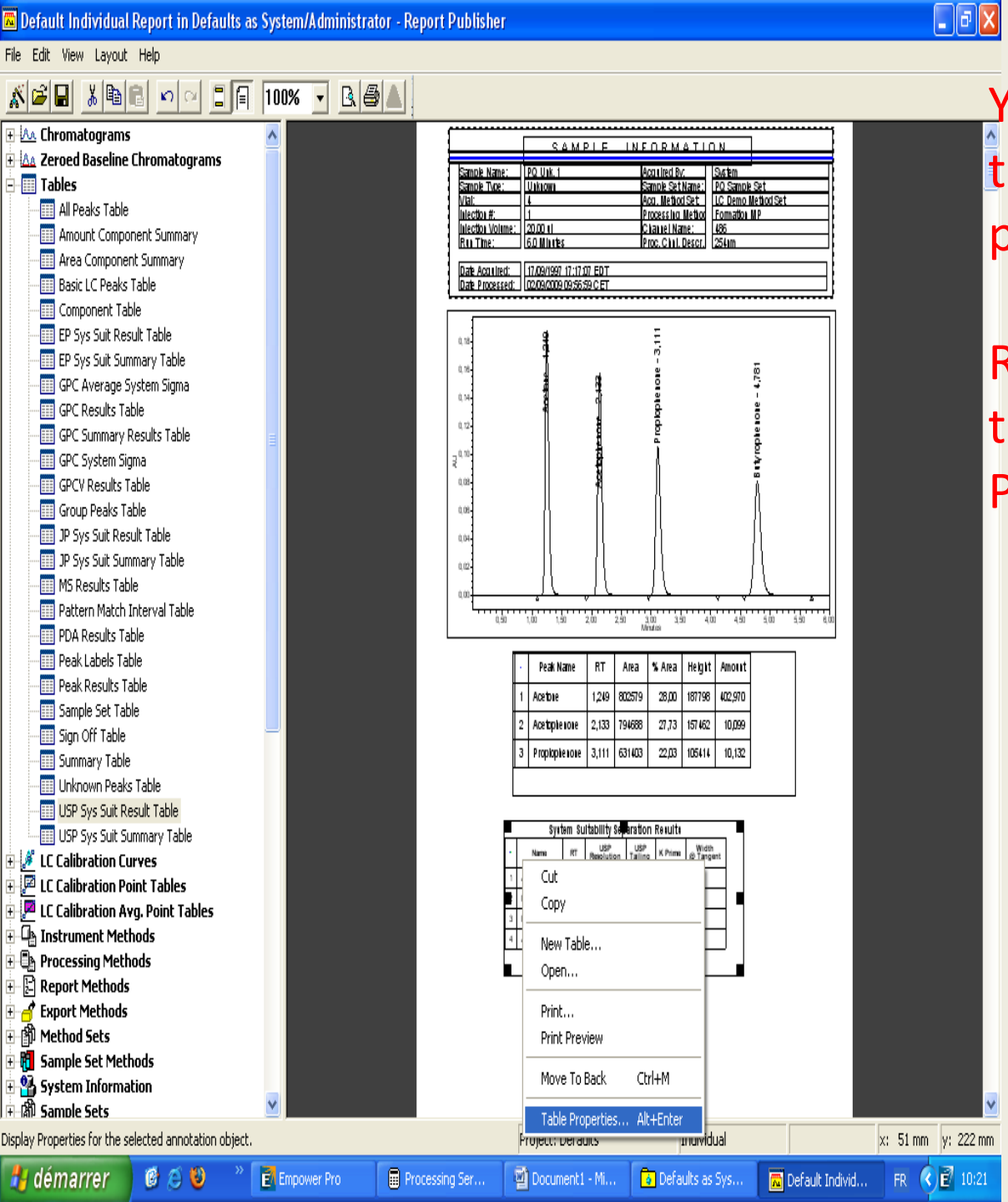
For Help, press F1 | Project: Defaults | Individual | x: 214 mm | y: 93 mm

démarrer | Form... | Micr... | Emp... | Defa... | Proc... | SysS... | USP ... | Defa... | FR | 11:12

We get this window.

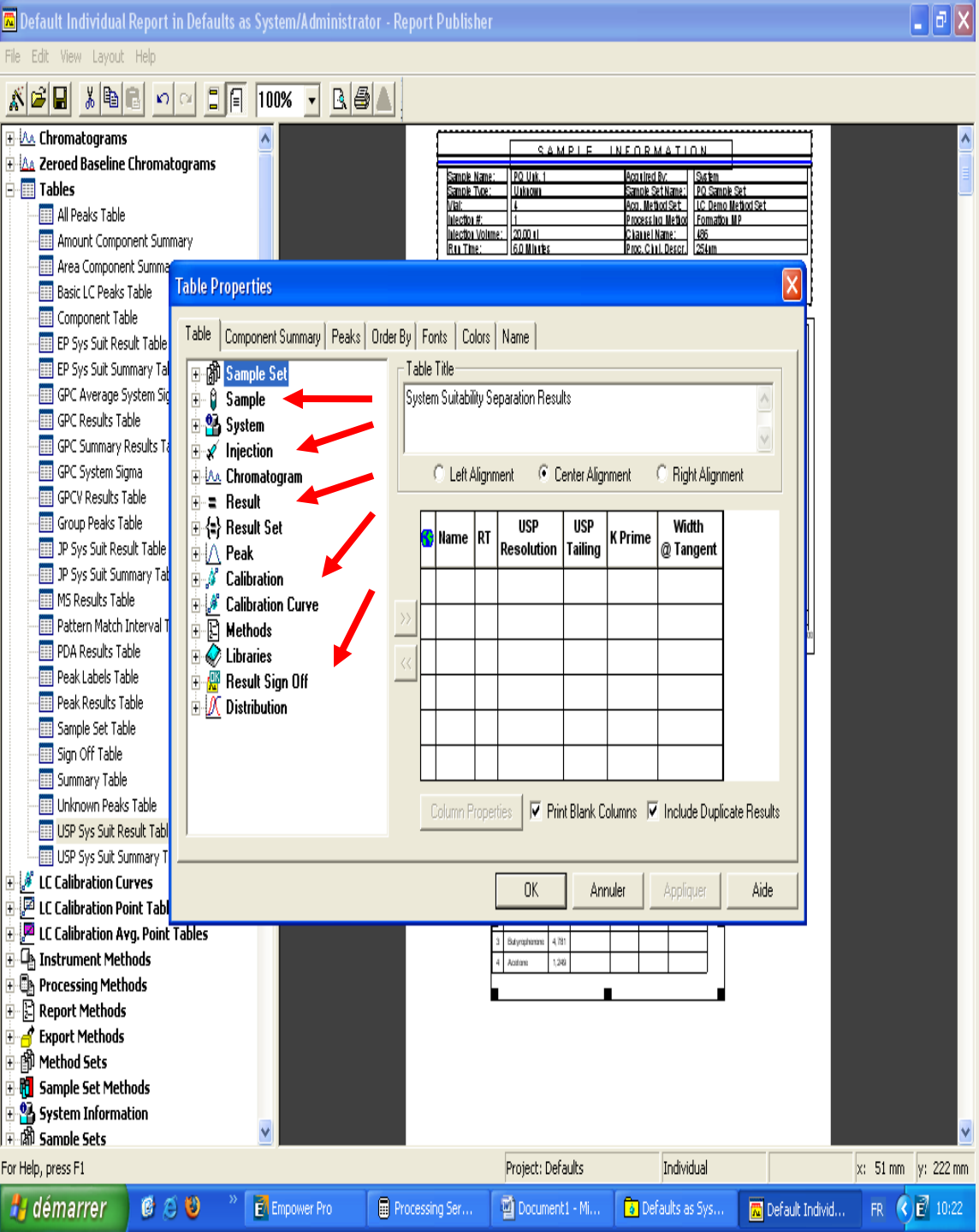


To add one or more new tables, simply double-click on one of the tables from the list located to the right of this window.

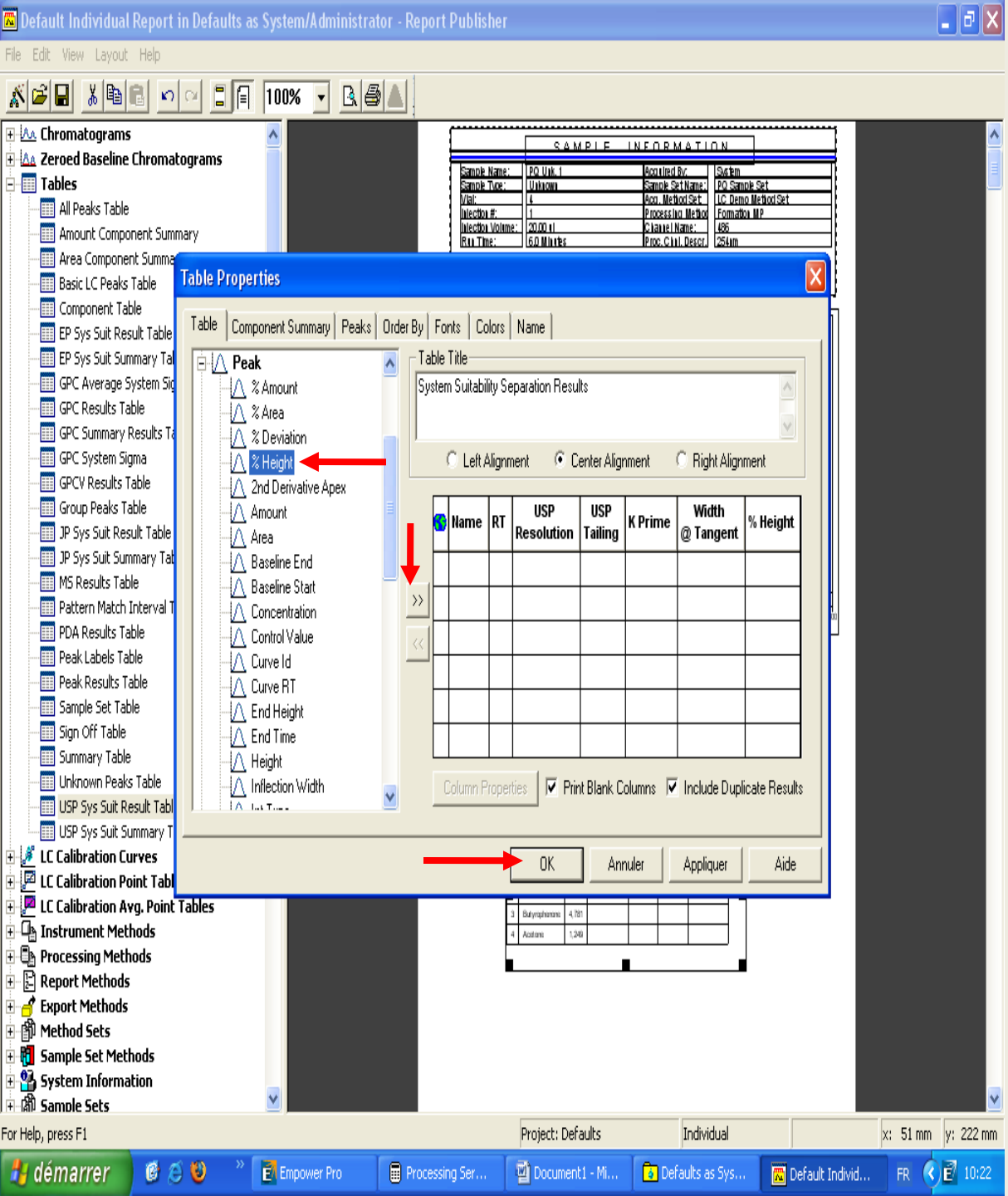


You can also modify the tables to remove or add a parameter or a criterion:

Right-click on the table and then click on "Table Properties."

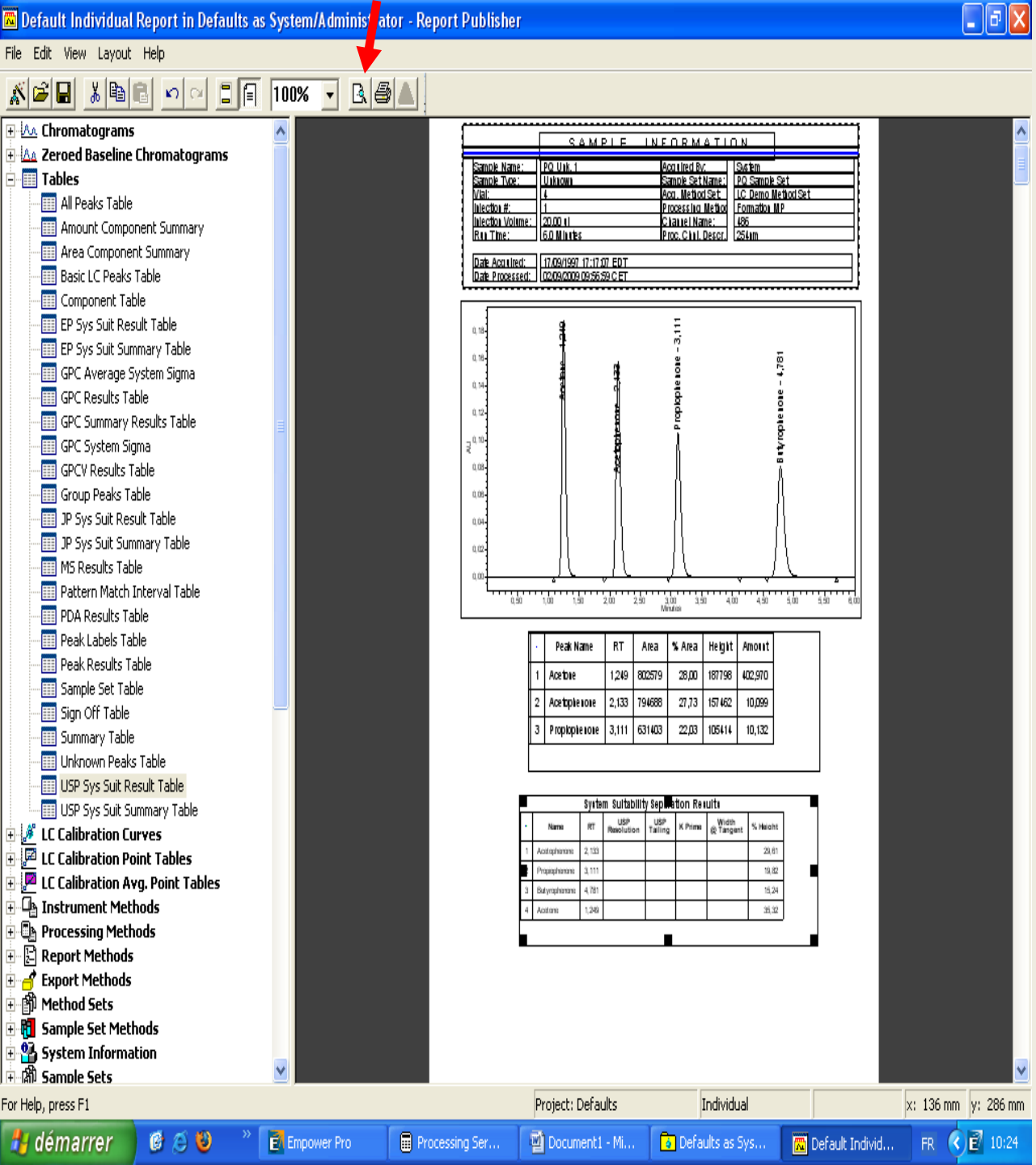


"Depending on the criteria to add, click on the symbol '+'."



Select the parameters of your choice, then click to add to the table.

Finally, click OK.

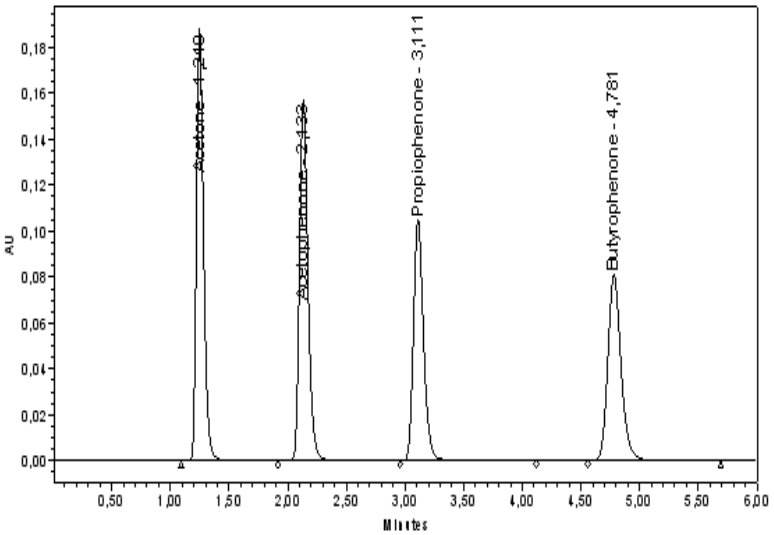


We obtain the new table with the new parameters added. Click on 'Print Preview

Default Individual Report in Defaults as System/Administrator - Report Publisher (Preview)

Close

Sample Name:	PQ Unk.1	Acquired By:	System
Sample Type:	Unknown	Sample Set Name:	PQ Sample Set
Vial:	4	Acq. Method Set:	LC Demo Method Set
Injection #:	1	Processing Method	Formation MP
Injection Volume:	20.00 ul	Channel Name:	486
Run Time:	6.0 Minutes	Proc. Chnl. Descr.:	254nm
Date Acquired:	17/09/1997 17:17:07 EDT		
Date Processed:	02/09/2009 09:56:59 CET		



	Peak Name	RT	Area	% Area	Height	Amount
1	Acetone	1,249	802579	28,00	187798	402,970
2	Acetophenone	2,133	794688	27,73	157462	10,099
3	Propiophenone	3,111	631403	22,03	105414	10,132
4	Butyrophenone	4,781	637338	22,24	81063	10,064

Reported by User: System
Report Method: Default Individual Report
Project Name: Defaults
Date Printed:

To view the rest of the report, click on "next page."

Page 1 of 2
Project: Defaults
Individual

démarrer
Empower Pro
Processing Ser...
Document1 - Mi...
Defaults as Sys...
Default Individ...
FR
10:24

Thank you