

Postup zálohy a obnovení databáze

Ondřej Skála, 2009

Uvod

- V této prezentaci si ukážeme krok za krokem proces zálohy a obnovy databáze v CDM. Zálohování je možno provádět kdykoli dle potřeby, doporučujeme jednou ročně, případně při zaplnění databáze. Databáze se zálohuje kompletně, včetně chromatogramů.

DT_by_HPLC
Ready

Stand Alone

DEFAULT
Inactive

Setup

Run

Data

Maintain

Help

Print

CSN

03:36:10

10/10/2009

>> Flow stopped

Pump

Stop Flow

Start Flow

%B

Flow Rate mL/min

Upper Pressure Limit: kg/cm₂

Lower Pressure Limit: kg/cm₂

Flow Timer min

Pressure Units

kg/cm₂ psi

Injector

Flush

Inject

Flush Volume

Inject from vial

Detector

Light Level 0.000000

VIS Lamp On

Execute Commands

Do Startup Actions

Start

Stop

Enable Variant Keypad

Make Inactive

Return to READY state

Number of Runs: 3

Number of Samples: 35

Instrument #	Instrument	Test	Run Number	Date
1	VARIANT Plus	%CDT_by_HPLC	3	19/10/2009
1	VARIANT Plus	%CDT_by_HPLC	2	16/10/2009
1	VARIANT Plus	%CDT_by_HPLC	1	16/10/2009

- DT_by_HPLC
- Ready
- Stand Alone
- 2
- DEFAULT
- Inactive
- Setup
- Run
- Data
- Maintain
- Help
- Print
- CSN

 **Export**

 **Export to LIMS**

From Inj # To Inj #

Inj #	Vial #	Type	Sample ID / Lot Number	AST	DST
5		BL	-----		
6	2	LC	-		1.18*
7	3	HC	-		3.54*
8	4	LC	-		1.19*
9	5	HC	-		3.52*
10	6	P	48		1.66
11	7	P	101		1.19
12	8	P	25		1.16
13	9	P	23		1.32
14	10	P	47	0.31	2.77
15	11	P	102		2.19
16	12	P	81		1.64
17	13	P	17		1.17
18	14	P	68		1.10
19	15	P	32		1.31

03:37:24
30/10/2009

DT_by_HPLC
Ready
Stand Alone
DEFAULT
Inactive
Setup
Run
Data
Maintain
Help
Print
CSN

03:37:52
10/10/2009

>> Select Date Format and Separator

System Parameters

System Name: Bio-Rad CDM System

Date Format: DDMMYYYY

Date Separator: /

UNITY Lab ID: []

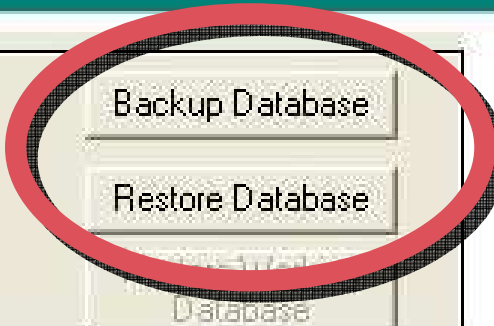
UNITY-PC Export Path: D:\CDM40\Export\

LIMS Communication Port: 0

AUTO Import From LIMS

Export Unknown Peaks to LIMS

Reset LIMS database



Instrument #1 | Instrument #2

Instrument Name: Bio-Rad Variant V-II Instrument #1, Serial #

Type	Detector	Gradient Module Port	Loop Volume (µL)
VARIANT	HB Detector	1	100

Automatic Report Printing

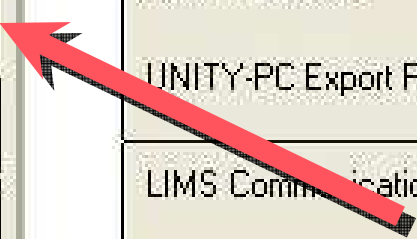
Automatic LIMS Export

Beep On Alerts

Automatic Warming Up

Start at: []

Mon Tue Wed Thu Fri Sat Sun



>> Please wait. Database backup in progress.

System Parameters

System Name: Bio-Rad CDM System

Date Format: DDMMYYYY

Date Separat

Database Backup

Selecting "Backup only" will backup your active database to the following file

30102009_03_38_Zephyr.zbk

Browse...

Backup only

Backup to CD Writer

Backup and clear

OK

Cancel



Restore Database

Restore Working Database

Reset LIMS database

Instrument

Instrument M

Type	Detector	Gradient Module Port	Loop Volume (µL)
VARIANT	HB Detector		1100

Automatic Report Printing

Automatic LIMS Export

Beep On Alerts

Automatic Warming Up Start at:

Mon Tue Wed Thu Fri Sat Sun

- DT_by_HPLC Ready
- Stand Alone
- DEFAULT Inactive
- Setup
- Run
- Data
- Maintain
- Help
- Print
- CSN

03:38:28
00/10/2009

>> Please wait. Database backup in progress.

System Parameters

System Name: Bio-Rad CDM System

Date Format: DDMMYYYY

Date Separat

Database Backup

Selecting "Backup and clear" will backup your active database to the following file and then remove all runs from your current database.

D:\CDM40\BackupDB\30102009_03_38_Zephyr.zbk

Browse ...

Backup only

Backup to CD Writer

Backup and clear

OK

Cancel

Backup Database

Restore Database

Restore Working Database

Reset LIMS database

Instrument

Instrument M

Type	Detector	Gradient Module Port	Loop Volume (µL)
VARIANT	HB Detector		1100

Automatic Report Printing

Automatic LIMS Export

Beep On Alerts

Automatic Warming Up

Start at:

Mon Tue Wed Thu Fri Sat Sun

- DT_by_HPLC Ready
- Stand Alone
- DEFAULT Inactive
- Setup
- Run
- Data
- Maintain
- Help
- Print
- CSN

03:39:04
00/10/2009

Database Backup

Look in:

CDM40

My Recent Documents

Desktop

My Documents

My Computer

My Network Places

- CDMDAMResultTranslations_mcr
- CDMDAMTranslationLib_mcr
- Database
- DiaAnalysisLib_mcr
- EXPORT
- Help
- InQueue
- OutQueue

vyberte destinaci pro uložení databáze
nejlépe D:\CDM40\

pojmenujte zálohovanou databázi

File name:

Priklad_Zalohy_Database.zbk

Files of type:

database (*.zbk)

Open

Beep On Alerts

Automatic warning beep Start at:

Mon Tue Wed Thu Fri Sat Sun

DT_by_HPLC

Ready

Stand Alone

DEFAULT
Inactive

Setup

Run

Data

Maintain

Help

Print

CSN

03:40:34
10/10/2009

DT_by_HPLC
Ready
Stand Alone
DEFAULT
Inactive
Setup
Run
Data
Maintain
Help
Print
CSN

>> Please wait. Database backup in progress.

System Parameters

System Name:

Date Format:

Date Separat:

UNITY Lab ID:

UNITY-PC EX:

LIMS Commu:

Instrument:

Instrument ID:

Type	Detector	Gradient Module Port	Loop Volume (µL)
VARIANT	HB Detector		1100

Automatic Report Printing

Automatic LIMS Export

Beep On Alerts

Automatic Warming Up Start at:

Mon Tue Wed Thu Fri Sat Sun

Buttons: Backup Database, Restore Database, Restore Working Database, Reset LIMS database, OK, Cancel

Database Backup

Selecting "Backup and clear" will backup your active database to the following file and then remove all runs from your current database.

Backup only Backup to CD Writer

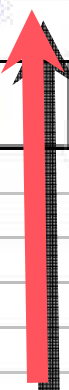
Backup and clear



Number of Runs: 0

Number of Samples: 0

Instrument #	Instrument	Test	Run Number	Date



DT_by_HPLC

Ready

Stand Alone



DEFAULT
Inactive



Setup



Run



Data



Maintain



Help



Print

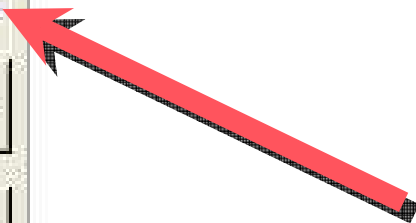


CSN

03:42:07

10/10/2009

 Export to LIMS	From Inj # <input type="text"/>	To Inj # <input type="text"/>
---	---------------------------------	-------------------------------



DT_by_HPLC
Ready
Stand Alone
DEFAULT
Inactive
Setup
Run
Data
Maintain
Help
Print
CSN

03:43:08
10/10/2009

>> Select Date Format and Separator

System Parameters

System Name: Bio-Rad CDM System

Date Format: DDMMYYYY

Date Separator: /

UNITY Lab ID: []

UNITY-PC Export Path: D:\CDM40\Export\

LIMS Communication Port: 0

AUTO Import From LIMS

Export Unknown Peaks to LIMS

Backup Database

Restore Database

Restore Working Database

Reset LIMS database

Instrument #1 | Instrument #2

Instrument Name: Bio-Rad Variant V-II Instrument #1, Serial #

Type	Detector	Gradient Module Port	Loop Volume (µL)
VARIANT	HB Detector	1	100

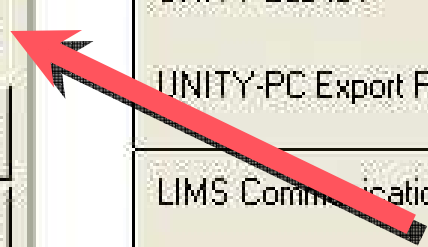
Automatic Report Printing

Automatic LIMS Export

Beep On Alerts

Automatic Warming Up Start at: []

Mon Tue Wed Thu Fri Sat Sun



>> Please wait. Database Restore in progress

Choose the Restore Database

Look in: CDM40

- CDM_Temp
- CDMDAMResultTranslationLib_mcr
- CDMDAMTranslationLib_mcr
- Database
- DiaAnalysisLib_mcr
- EXPORT
- Help
- InQueue
- OutQueue
- Příklad_Zalohy_Database.zbk

najděte destinaci uložené databáze,
pro nás D:\CDM40\

vyberte soubor se zálohou

File name: Příklad_Zalohy_Database.zbk

Files of type: database

Open

Cancel

Mon Tue Wed Thu Fri Sat Sun



DT_by_HPLC
Ready
Stand Alone
DEFAULT
Inactive
Setup
Run
Data
Maintain
Help
Print
CSN

03:45:56
00/10/2009

>> Please wait. Database Restore in progress

System Parameters

System Name:

Date Format:

Date Separator:

UNITY Lab IP

UNITY-PC E

LIMS Comm

Instrument

Instrument

Type	Detector	Gradient Module Port	Loop Volume (µL)
VARIANT	HB Detector		1100

Automatic Report Printing

Automatic LIMS Export

Beep On Alerts

Automatic Warming Up Start at:

Mon Tue Wed Thu Fri Sat Sun

Configuration

Současná databáze se uloží a poté bude vybraná zálohovaná databáze (po restartování CDM) obnovena.

The working database will be saved and then the selected database will be restored after closing and reopening CDM.

DT_by_HPLC
Ready

>> Please wait. Database Restore in progress

System Parameters

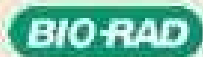
Computer

BIO-RAD
CDM
CDM

best
omatogr...

best
omatogr...

ak tble.txt



Program nahraje starou databázi, zrestartuje se.
Dá vědět, že pracuje s obnovenou DB.

Bio-Rad Laboratories

Clinical Data Management System

The application is running with a restored database.



Copyright © 2006, 2007 Bio-Rad Laboratories Inc.

Number of Runs: 3

Number of Samples: 35

Instrument #	Instrument	Test	Run Number	Date
1	VARIANT Plus	%CDT_by_HPLC	3	19/10/2009
1	VARIANT Plus	%CDT_by_HPLC	2	16/10/2009
1	VARIANT Plus	%CDT_by_HPLC	1	16/10/2009

- DT_by_HPLC Ready
- Stand Alone
- DEFAULT Inactive
- Setup
- Run
- Data
- Maintain
- Help
- Print
- CSN

 **Export**

 **Export to LIMS**

From Inj # To Inj #

Inj #	Vial #	Type	Sample ID / Lot Number	AST	DST
5		BL	-----		
6	2	LC	-		1.18*
7	3	HC	-		3.54*
8	4	LC	-		1.19*
9	5	HC	-		3.52*
10	6	P	48		1.66
11	7	P	101		1.19
12	8	P	25		1.16
13	9	P	23		1.32
14	10	P	47	0.31	2.77
15	11	P	102		2.19
16	12	P	81		1.64
17	13	P	17		1.17
18	14	P	68		1.10
19	15	P	32		1.31

03:37:24
10/10/2009

Závěr

- V prezentaci jsme se seznámili s postupem zálohy a obnovení databáze. V momentě, kdy se budete chtít podívat na staré zazálohované výsledky, je postup následující:
- Zazálohujte současnou databázi (je jedno, jestli backup, nebo backup&clear viz. slide 6)
- Obnovte databázi, na kterou se chcete podívat
- Obnovte zpět databázi zálohovanou v kroku



Děkuji za pozornost