```
=======================================================================
Acq. Operator   : SYSTEM                      Seq. Line :   1
Acq. Instrument : HPLC-OXTLAB                  Location :   P2-A-01
Injection Date  : 5/27/2024 12:48:00               Inj :   1
                                          Inj Volume : 20.000 µl
Method          : C:\Chem32\1\Data\dimitra.27.5.24 2024-05-27 12-46-59\LACTIC_TEMP.M (
                  Sequence Method)
Last changed    : 8/28/2023 13:32:52 by SYSTEM
```
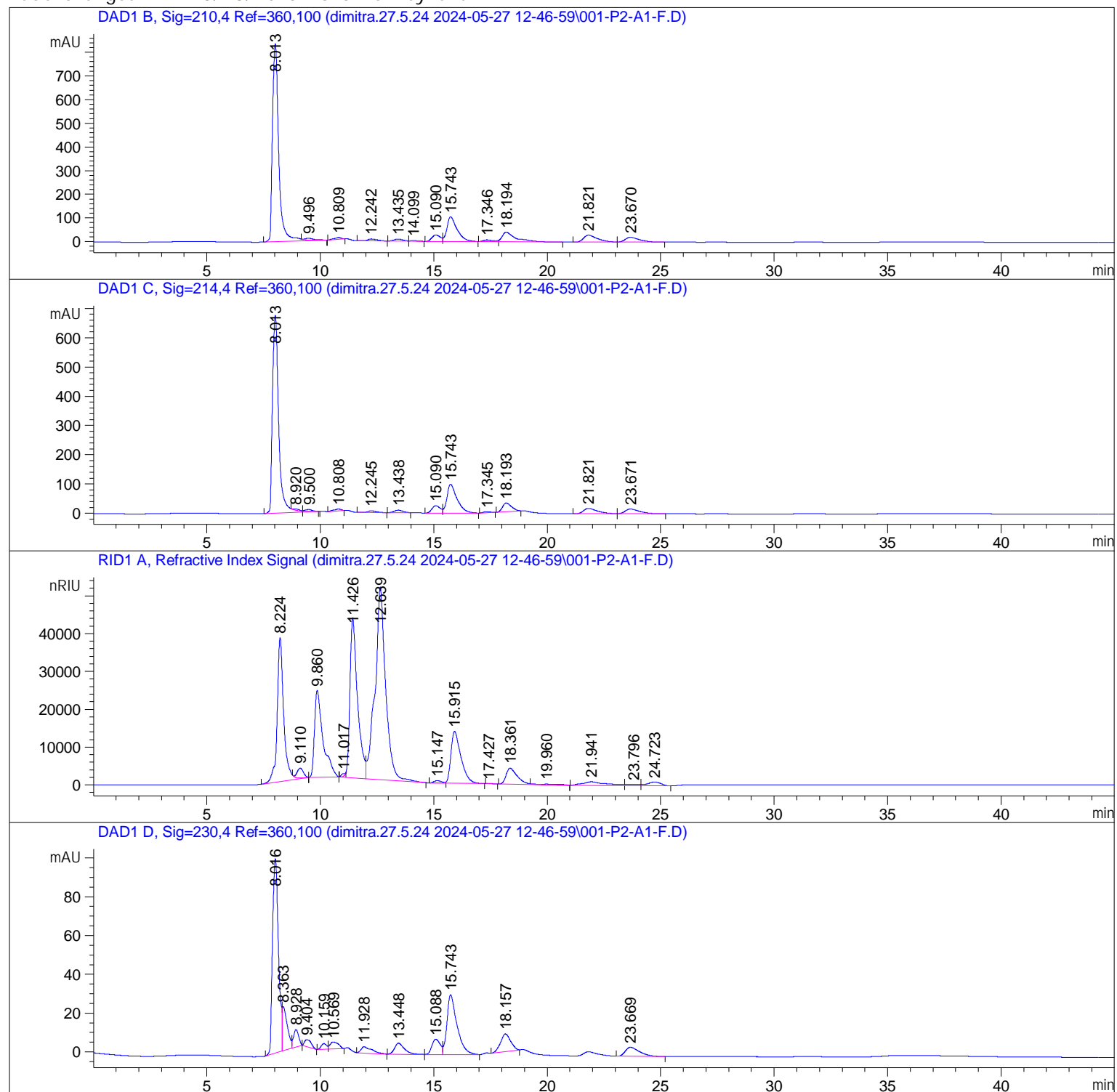
```
=====================================================================
                     External  Standard  Report
=====================================================================
```

```
Sorted By            :        Signal
Calib. Data Modified :        7/1/2021 14:39:58
Multiplier           :        1.0000
Dilution             :        1.0000
Do not use Multiplier & Dilution Factor with ISTDs
```

Signal 1: DAD1 B, Sig=210,4 Ref=360,100

RetTime [min]	Type	Area [mAU*s]	Amt/Area	Amount [g/L]	Grp	Name
15.743	VB	3223.15649	6.56992e-4	2.11759		Lactic acid
18.194	VB R	1682.25330	9.16057e-4	1.54104		Acetic acid
21.821	BB	1208.53625	0.00000	0.00000		Propionic

Totals :   3.65863

Signal 2: DAD1 C, Sig=214,4 Ref=360,100

Signal 3: RID1 A, Refractive Index Signal

RetTime [min]	Type	Area [nRIU*s]	Amt/Area	Amount [g/L]	Grp	Name
9.860	BB	5.93444e5	1.10549e-5	6.56047		Succrose
11.426	VV R	9.92911e5	2.81944e-6	2.79946		Glucose
12.100		-	-	-		Fructose
24.723	VB	4.04881e4	6.91411e-6	2.79939e-1		Ethanol

Totals :   9.63987

Signal 4: DAD1 D, Sig=230,4 Ref=360,100
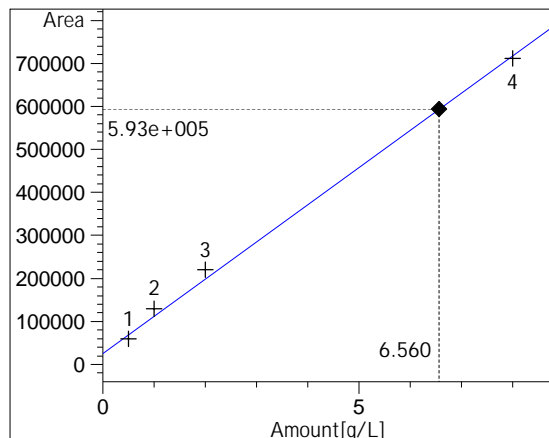
3 Warnings or Errors :

Warning : Calibration warnings (see calibration table listing)
Warning : Calibrated compound(s) not found
Warning : Negative results set to zero (cal. curve intercept), (Propionic)

```
=====================================================================
```
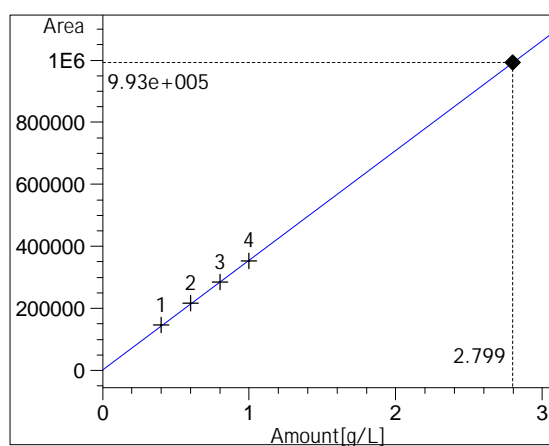
===
Calibration Curves
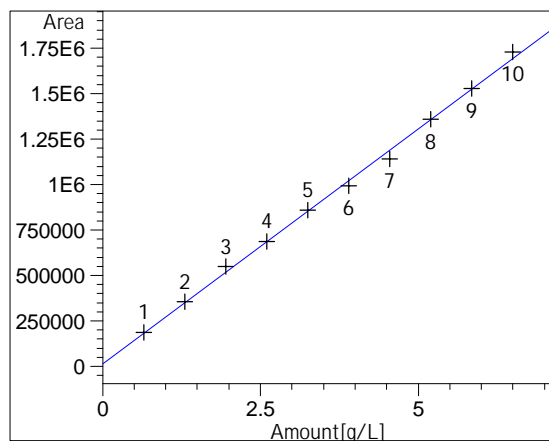===
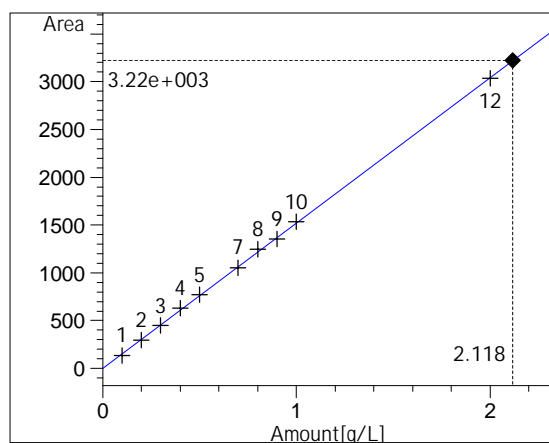

Succrose at exp. RT: 9.863
RID1 A, Refractive Index Signal
Correlation: 0.99759
Residual Std. Dev.: 22755.41185
Formula: y = mx + b
    m: 86671.29673
    b: 24839.01752
    x: Amount[g/L]
    y: Area

Glucose at exp. RT: 11.408
RID1 A, Refractive Index Signal
Correlation: 0.99981
Residual Std. Dev.: 3023.36360
Formula: y = mx + b
    m: 353737.16216
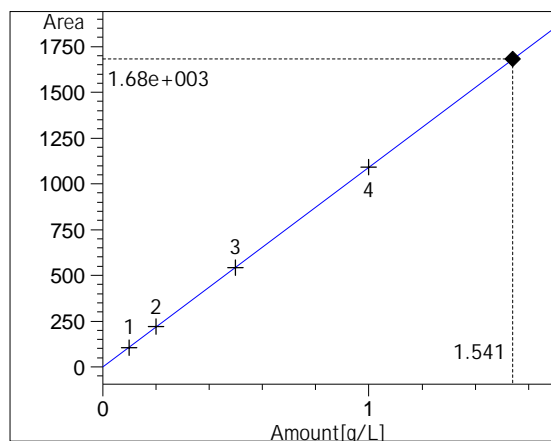   b: 2639.18919
    x: Amount[g/L]
    y: Area

Fructose at exp. RT: 12.100
RID1 A, Refractive Index Signal
Correlation: 0.99909
Residual Std. Dev.: 25081.95145
Formula: y = mx + b
    m: 258721.41259
    b: 12786.68182
    x: Amount[g/L]
    y: Area

Lactic acid at exp. RT: 15.467
DAD1 B, Sig=210,4 Ref=360,100
Correlation: 0.99983
Residual Std. Dev.:   16.65547
Formula: y = mx + b
    m: 1521.64235
    b: 9.45650e-1
    x: Amount[g/L]
    y: Area

Sample Name: F

Acetic acid at exp. RT: 18.226
DAD1 B, Sig=210,4 Ref=360,100
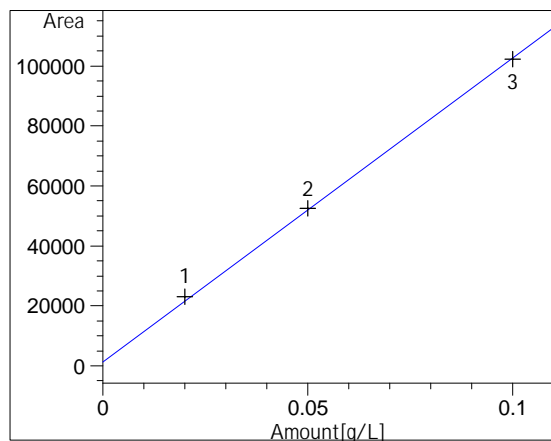Correlation: 0.99999
Residual Std. Dev.:   2.57101
Formula: y = mx + b
        m: 1092.07931
        b: -6.83711e-1
        x: Amount[g/L]
        y: Area

Propionic at exp. RT: 21.787
DAD1 B, Sig=210,4 Ref=360,100
Correlation: 0.99961
Residual Std. Dev.: 1507.31144
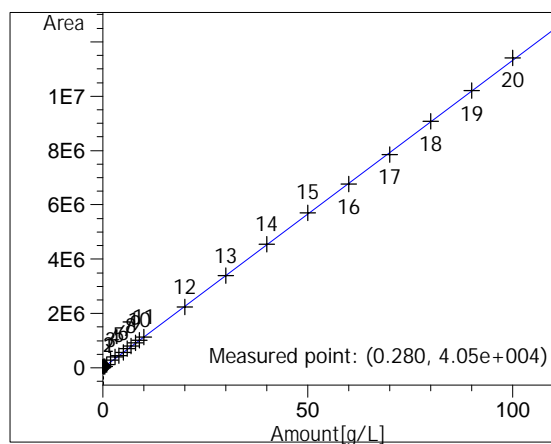Formula: y = mx + b
        m: 1.01431e6
        b: 1395.13216
        x: Amount[g/L]
        y: Area

Ethanol at exp. RT: 24.978
RID1 A, Refractive Index Signal
Correlation: 0.99996
Residual Std. Dev.: 35437.06772
Formula: y = mx + b
        m: 113284.07454
        b: 8775.42396
        x: Amount[g/L]
        y: Area

```
======================================================================
```
*** End of Report ***