===
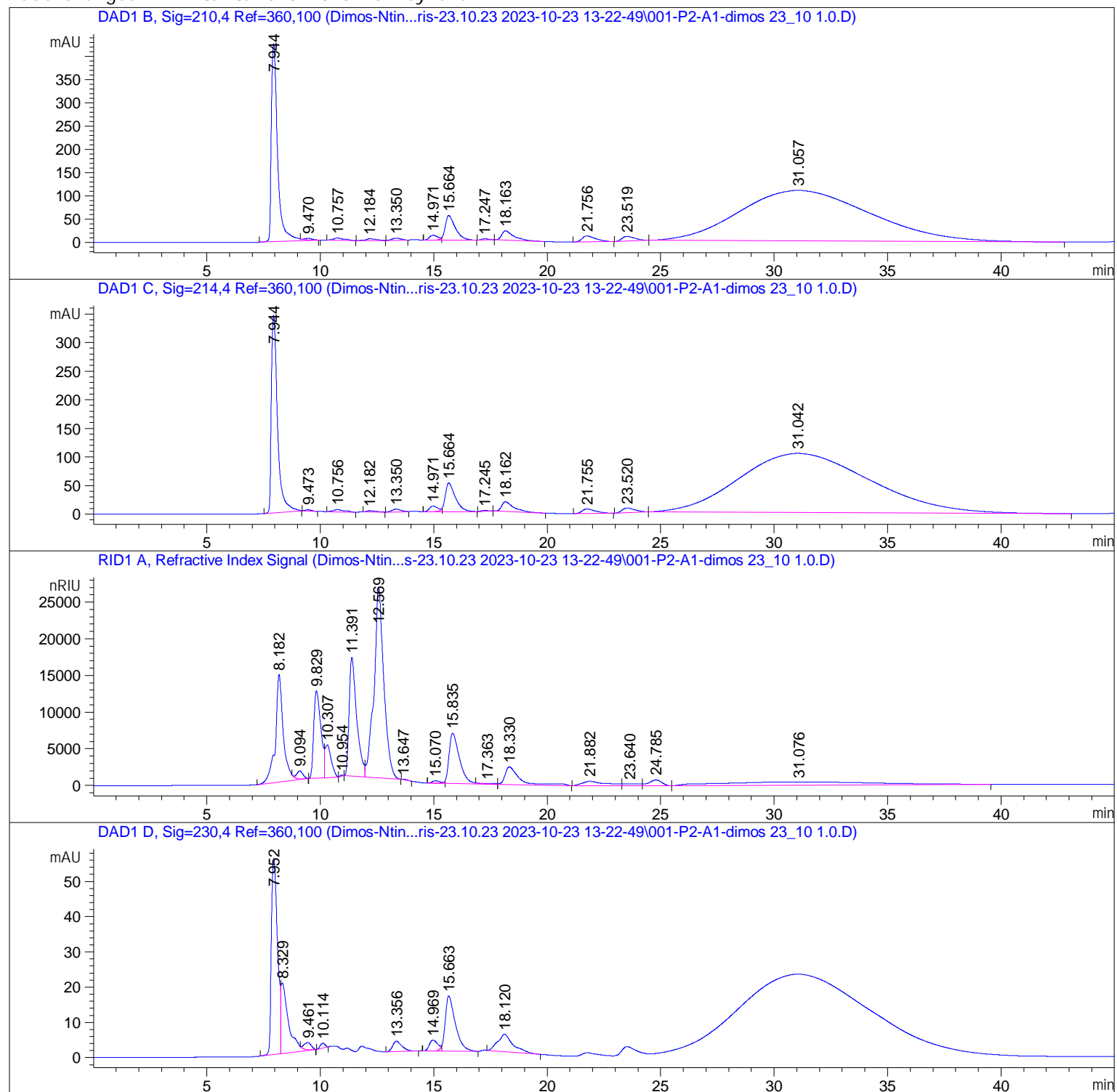
Acq. Operator   : SYSTEM   Seq. Line :   1
Acq. Instrument : HPLC-OXTLAB   Location :   P2-A-01
Injection Date   : 10/23/2023 13:23:51   Inj :   1
                                                 Inj Volume : 20.000 µl
Method   : C:\Chem32\1\Data\Dimos-Ntina-Xaris-23.10.23 2023-10-23 13-22-49\LACTIC_TEMP
                   .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
15.664	VB R	1664.23022	6.56811e-4	1.09309		Lactic acid
18.163	BB	734.13501	9.16537e-4	6.72862e-1		Acetic acid
21.756	BB	525.50177	0.00000	0.00000		Propionic

```
Totals :                               1.76595
```

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
9.829	BV	2.58889e5	1.04308e-5	2.70043		Succrose
11.391	BV	3.76900e5	2.80716e-6	1.05802		Glucose
12.569	VB	7.83451e5	3.80208e-6	2.97874		Fructose
24.785	VB	3.16241e4	6.37785e-6	2.01694e-1		Ethanol

```
Totals :                               6.93888
```

Signal 4: DAD1 D, Sig=230,4 Ref=360,100

2 Warnings or Errors :
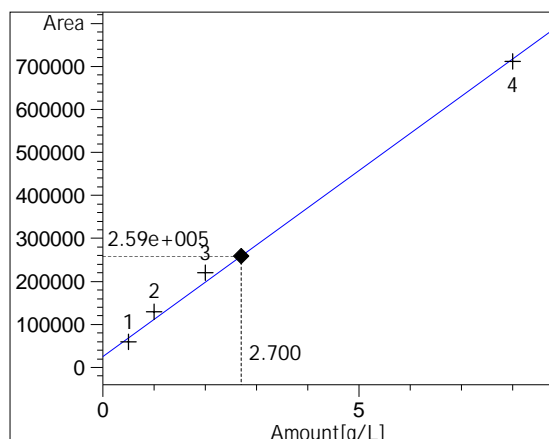
Warning : Calibration warnings (see calibration table listing)
Warning : Negative results set to zero (cal. curve intercept), (Propionic)

```
=======================================================================
```

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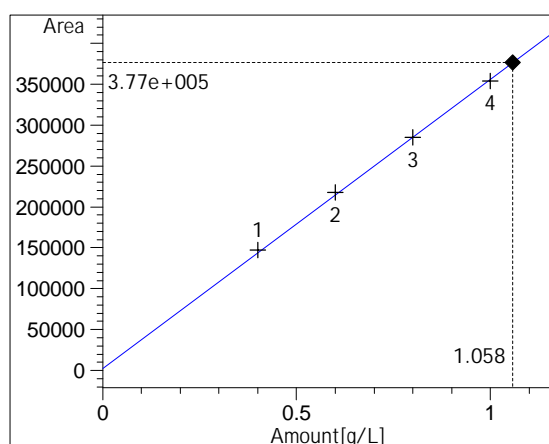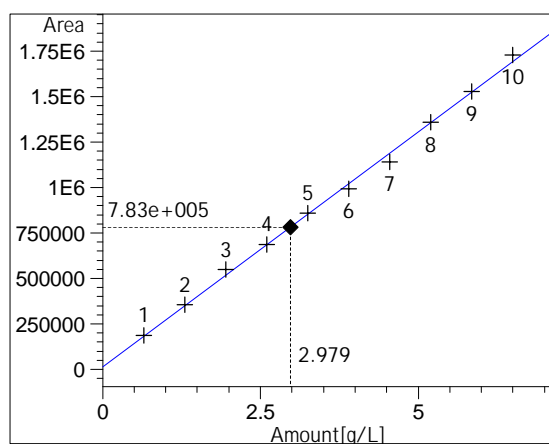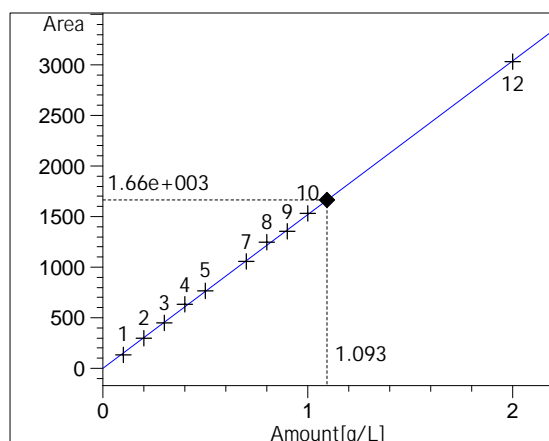

Succrose at exp. RT: 9.863
RID1 A, Refractive Index Signal
Correlation: 0.99759
Residual Std. Dev.: 22755.41185
Formula: y = mx + b
        m: 86671.29673
        b: 24839.01752
        x: Amount[g/L]
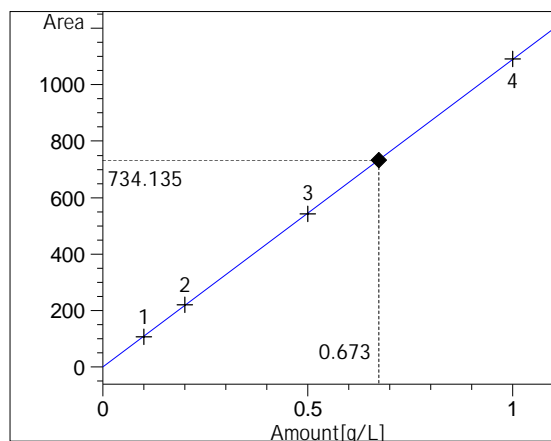   y: Area

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
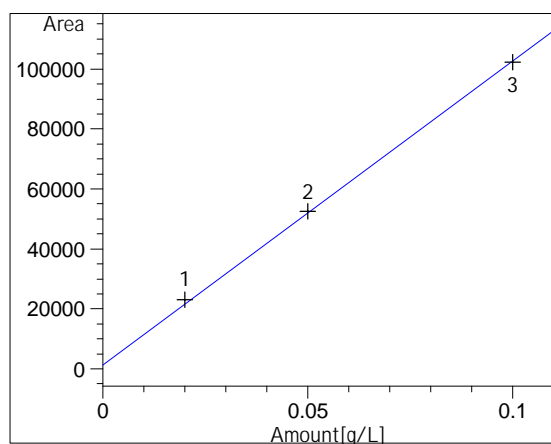   x: Amount[g/L]
        y: Area

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
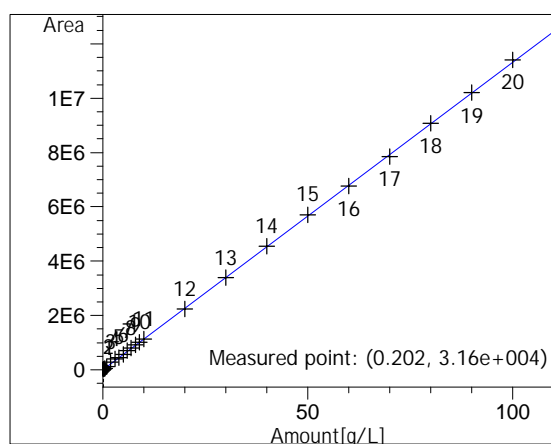   b: 12786.68182
        x: Amount[g/L]
        y: Area

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

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

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*** End of Report ***