Data File C:\Chem32\1\Data\New 2023-11-09 18-39-57\011-P2-B11-0.2.D
Sample Name: 0.2

===
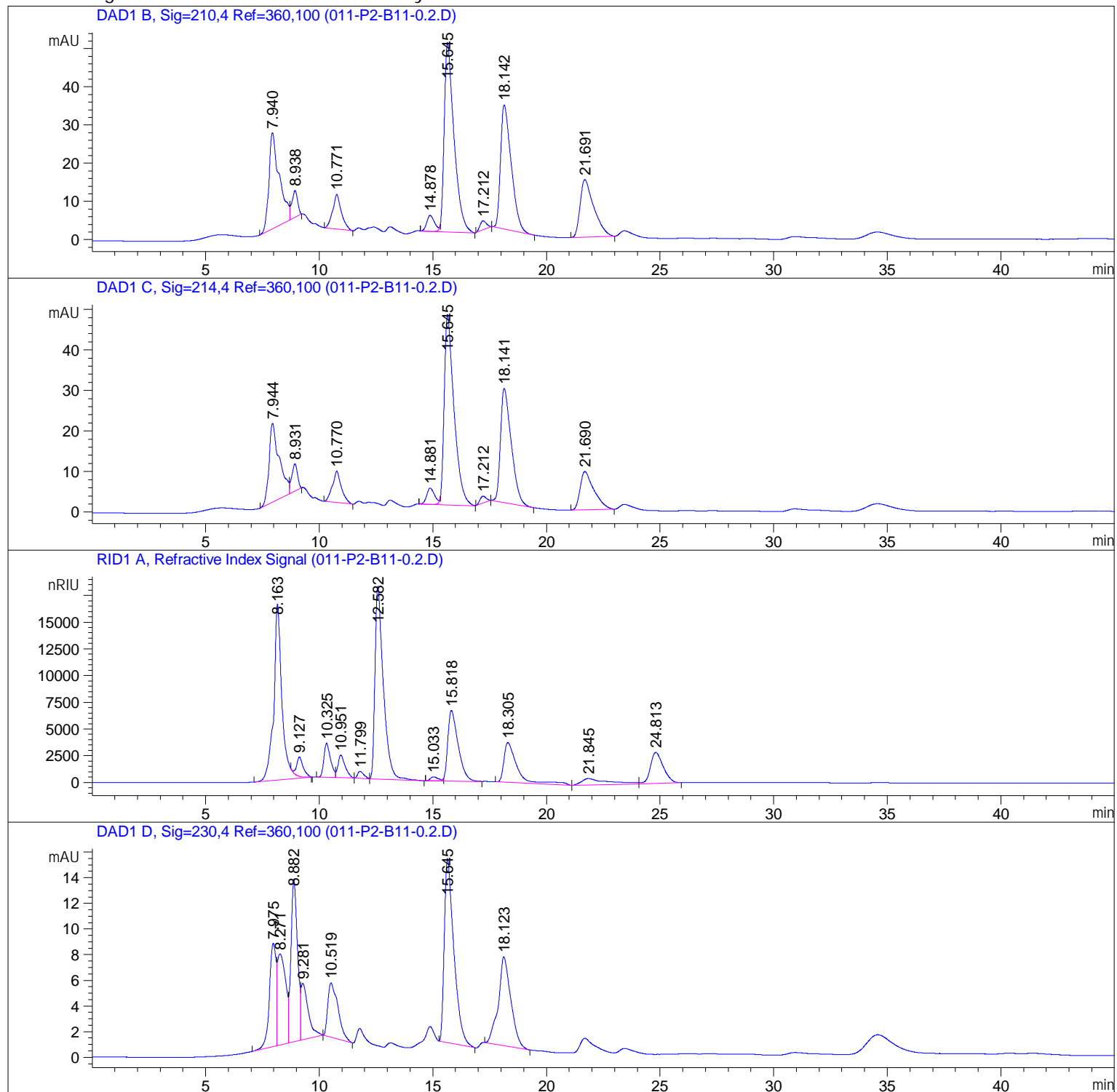
Acq. Operator   : SYSTEM   Seq. Line :   11
Acq. Instrument : HPLC-OXTLAB   Location :   P2-B-11
Injection Date : 11/10/2023 02:22:17   Inj :   1
                                          Inj Volume : 20.000 µl
Sequence File   : C:\Chem32\1\Data\New 2023-11-09 18-39-57\New.S
Method   : C:\Chem32\1\Data\New 2023-11-09 18-39-57\LACTIC_TEMP.M (Sequence Method)
Last changed   : 8/28/2023 13:32:52 by SYSTEM

Data File C:\Chem32\1\Data\New 2023-11-09 18-39-57\011-P2-B11-0.2.D
Sample Name: 0.2

```
========================================================================
                    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  Type    Area      Amt/Area      Amount   Grp    Name
 [min]          [mAU*s]                  [g/L]
-------|------|----------|----------|----------|--|-----------------
 15.645 VB R   1484.37646 6.56766e-4 9.74888e-1       Lactic acid
 18.142 BB     1066.06689 9.16272e-4 9.76807e-1       Acetic acid
 21.691 BB      631.53302  0.00000    0.00000         Propionic

Totals :                              1.95169




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




Signal 3: RID1 A, Refractive Index Signal

RetTime  Type    Area      Amt/Area      Amount   Grp    Name
 [min]          [nRIU*s]                 [g/L]
-------|------|----------|----------|----------|--|-----------------
  9.863          -          -          -             Succrose
 11.408          -          -          -             Glucose
 11.799 BV     1.23048e4   0.00000    0.00000        Fructose
 24.813 VB     1.13407e5  8.14430e-6 9.23617e-1      Ethanol

Totals :                              9.23617e-1




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

4 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), (Fructose)
Warning : Negative results set to zero (cal. curve intercept), (Propionic)


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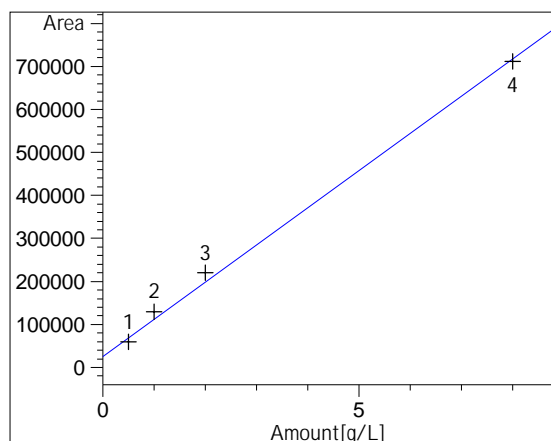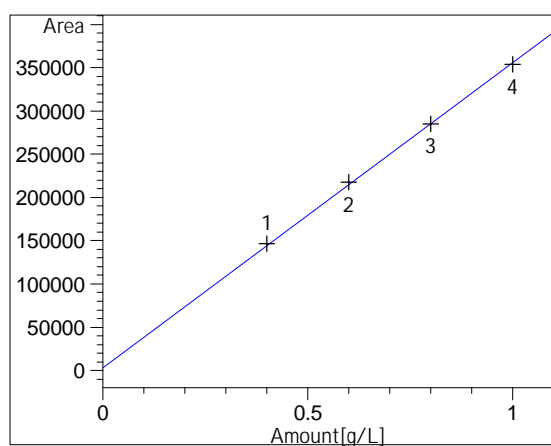
==
Calibration Curves
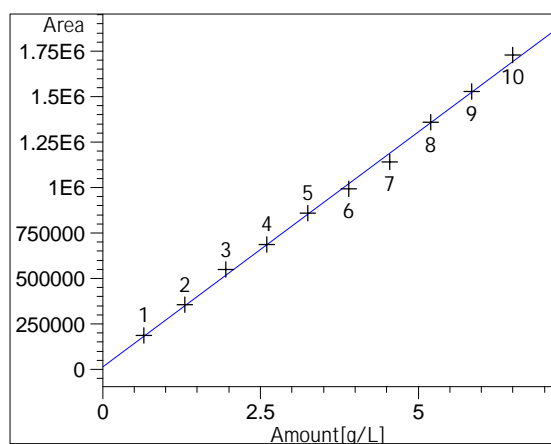==
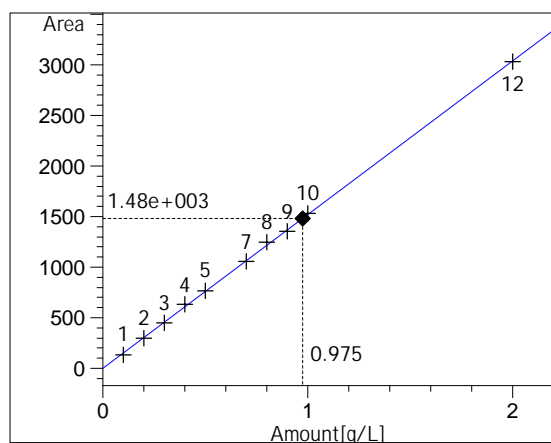

Succrose at exp. RT: 9.863
RID1 A, Refractive Index Signal
Correlation: 0.99759
Residual Std. Dev.: 22755.41185
Formula: $y = mx + b$
    m: 86671.29673
    b: 24839.01752
    x: Amount[g/L]
    y: Area

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
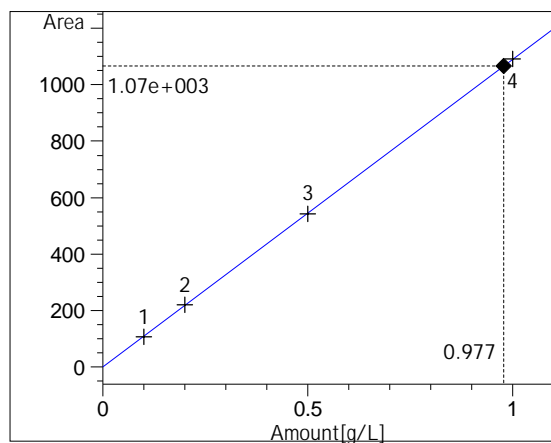   x: Amount[g/L]
    y: Area

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
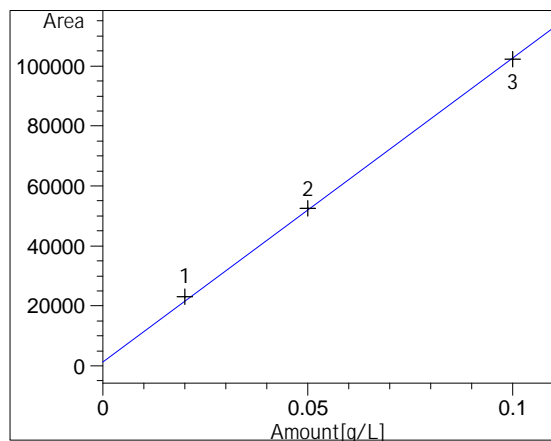   x: Amount[g/L]
    y: Area

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: $9.45650e{-1}$
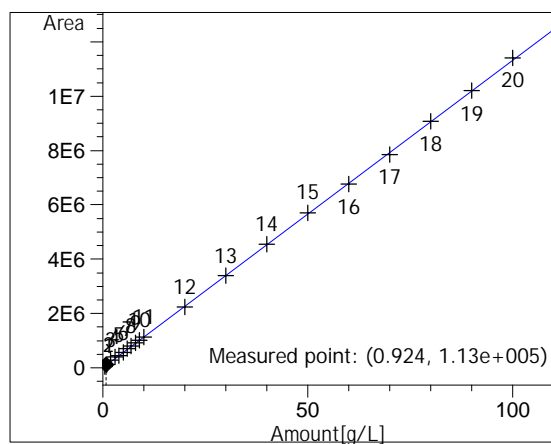   x: Amount[g/L]
    y: Area

Sample Name: 0.2

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 ***