==
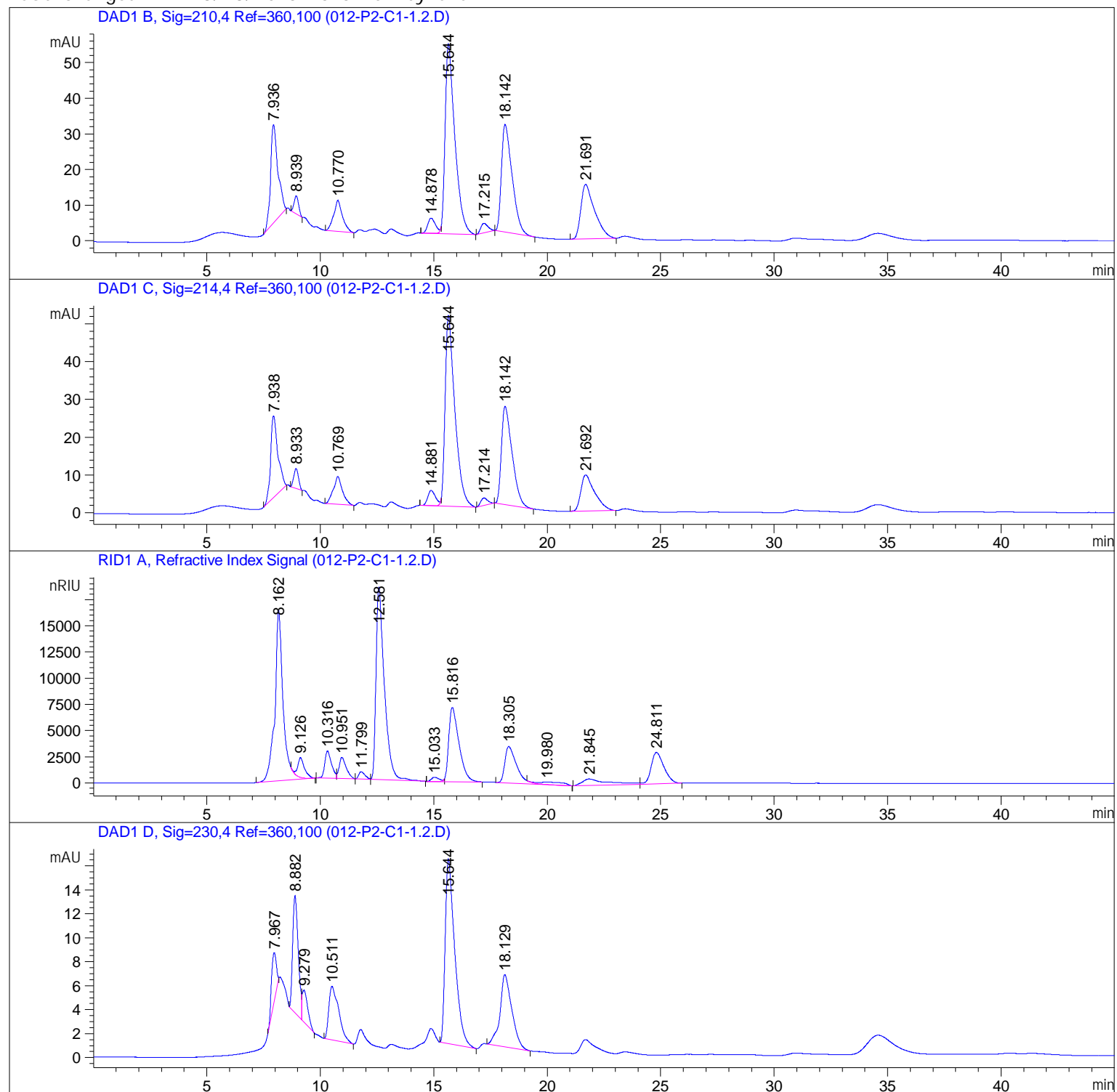
Acq. Operator   : SYSTEM   Seq. Line :   12
Acq. Instrument : HPLC-OXTLAB   Location :   P2-C-01
Injection Date   : 11/10/2023 03:08:26   Inj   :   1
                                                Inj Volume : 20.000 µl
Sequence File   : C:\Chem32\1\Data\New 2023-11-09 18-39-57\New.S
Method   : C:\Chem32\1\Data\New 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\012-P2-C1-1.2.D
Sample Name: 1.2


     ========================================================================
                          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]
     -------|------|----------|----------|----------|--|------------------
      15.644 VB R   1594.70105 6.56795e-4    1.04739        Lactic acid
      18.142 BB      989.31409 9.16317e-4 9.06526e-1        Acetic acid
      21.691 BB      643.17633   0.00000    0.00000         Propionic


     Totals :                                1.95392




     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    1.34277e4  1.84527e-7 2.47778e-3        Fructose
      24.811 VB    1.17010e5  8.16534e-6 9.55426e-1        Ethanol


     Totals :                                9.57903e-1




     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)


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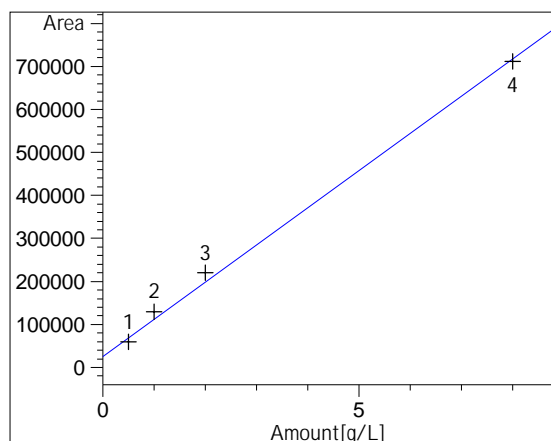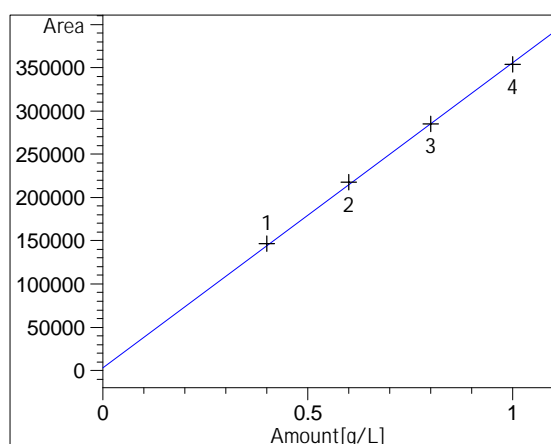
==
Calibration Curves
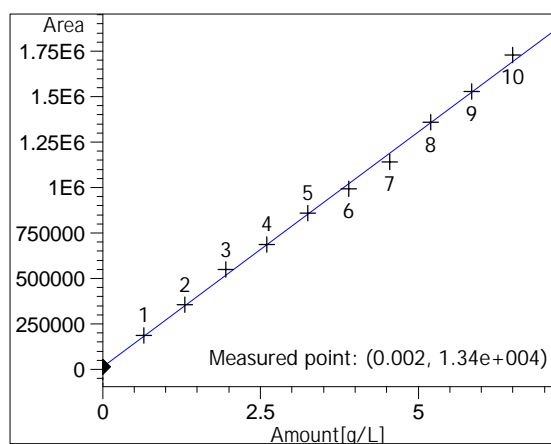==
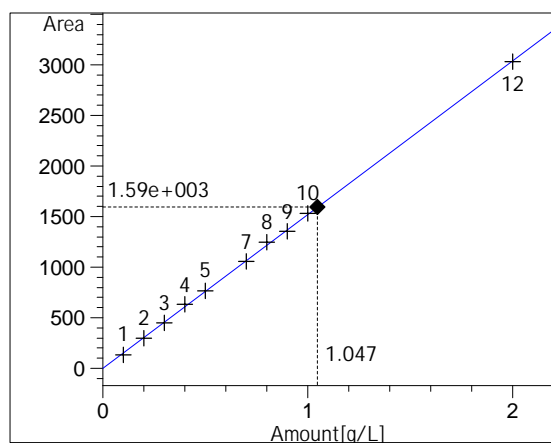
Succrose at exp. RT: 9.863
RID1 A, Refractive Index Signal
Correlation: 0.99759
Residual Std. Dev.: 22755.41185
Formula: $y = mx + b$
   m: 86671.29673
   b: 24839.01752
   x: Amount[g/L]
   y: Area

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
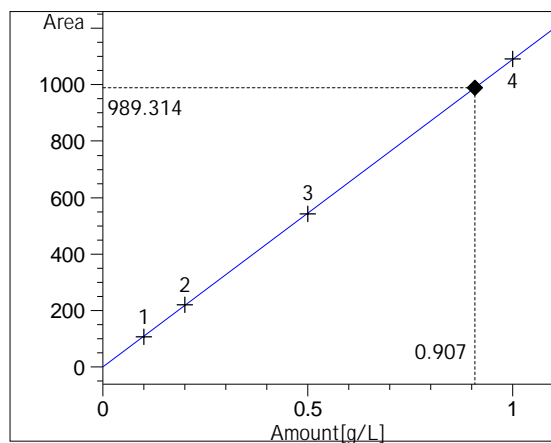   x: Amount[g/L]
   y: Area

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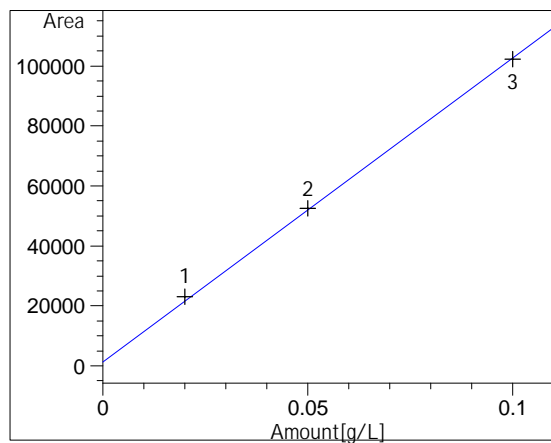   b: 12786.68182
   x: Amount[g/L]
   y: Area

Measured point: (0.002, 1.34e+004)

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
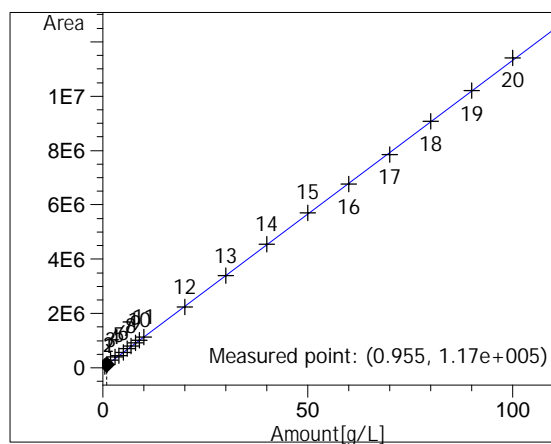   b: 9.45650e-1
   x: Amount[g/L]
   y: Area

1.59e+003

1.047

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 ***