Data File C:\Chem32\1\Data\dimitra.27.5.24 2024-05-27 12-46-59\009-P2-A9-1.4.D
Sample Name: 1.4

===
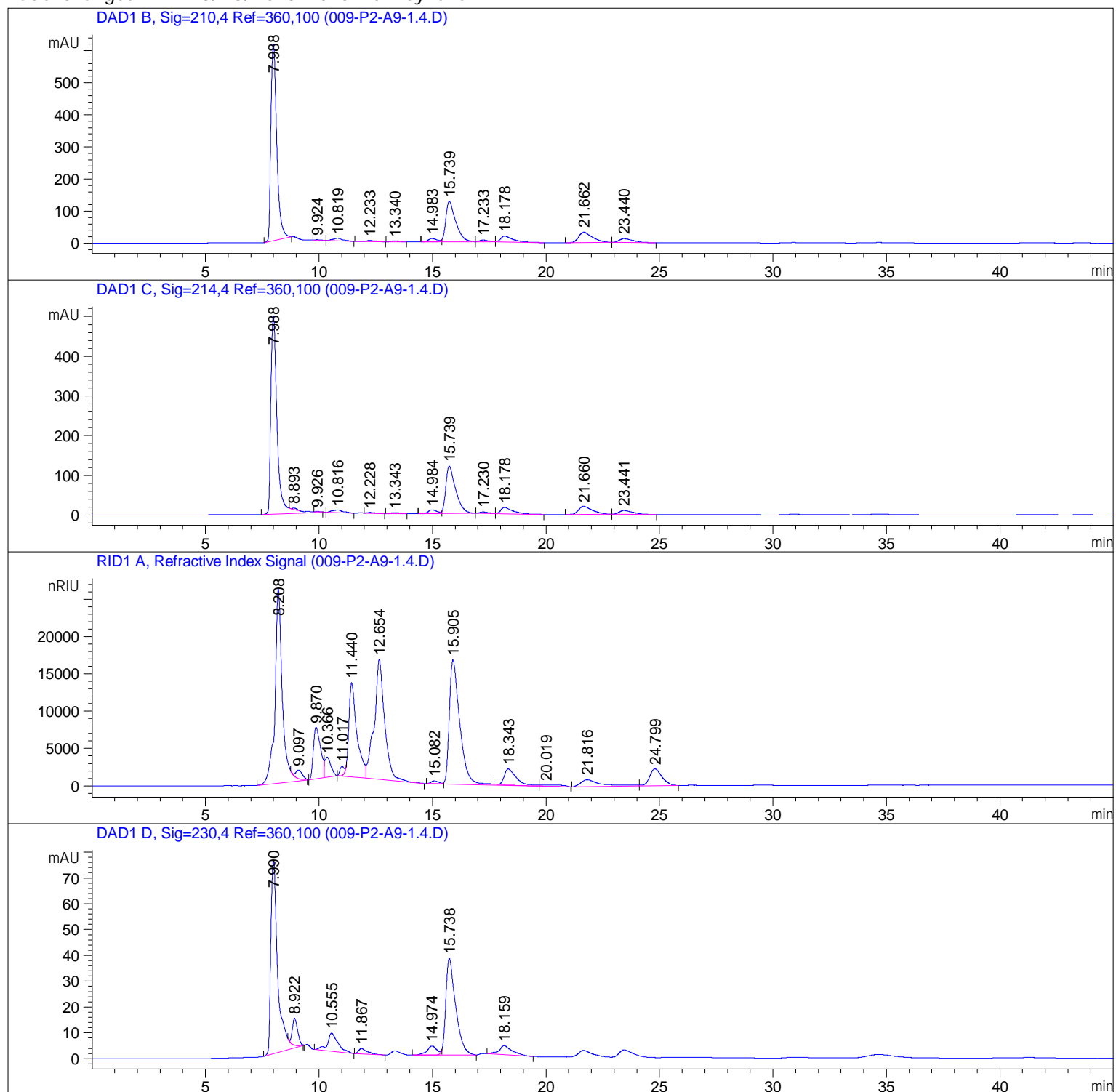Acq. Operator   : SYSTEM   Seq. Line :   9
Acq. Instrument : HPLC-OXTLAB   Location :   P2-A-09
Injection Date : 5/27/2024 18:56:54   Inj :   1
                                          Inj Volume : 20.000 µl
Sequence File   : C:\Chem32\1\Data\dimitra.27.5.24 2024-05-27 12-46-59\dimitra.27.5.24.S
Method   : 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  Type      Area     Amt/Area     Amount   Grp    Name
 [min]           [mAU*s]                 [g/L]
-------|------|----------|----------|----------|--|------------------
 15.739 VB R   3797.42065 6.57021e-4   2.49499         Lactic acid
 18.178 VB      693.97406 9.16587e-4 6.36087e-1        Acetic acid
 21.662 BB     1343.32898   0.00000    0.00000         Propionic

Totals :                              3.13107




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]
-------|------|----------|----------|----------|--|------------------
  9.870 BV     1.51735e5  9.64910e-6   1.46410        Succrose
 11.440 VV R   3.17448e5  2.80346e-6 8.89952e-1       Glucose
 12.100           -           -          -            Fructose
 24.799 VB     8.52433e4  7.91863e-6 6.75010e-1       Ethanol

Totals :                              3.02906




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)


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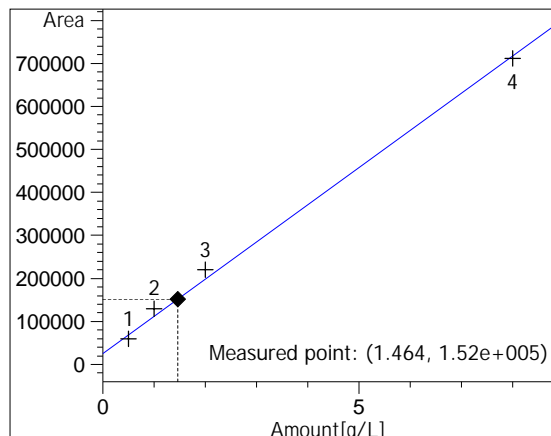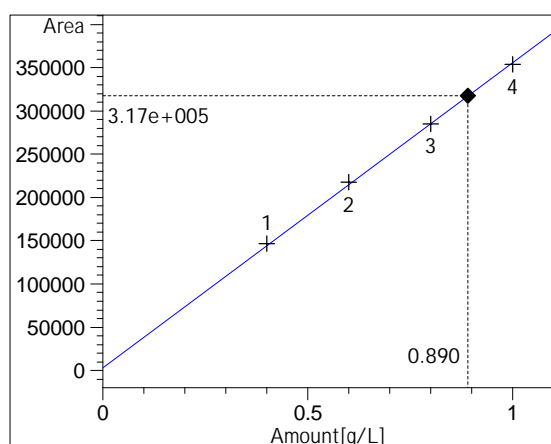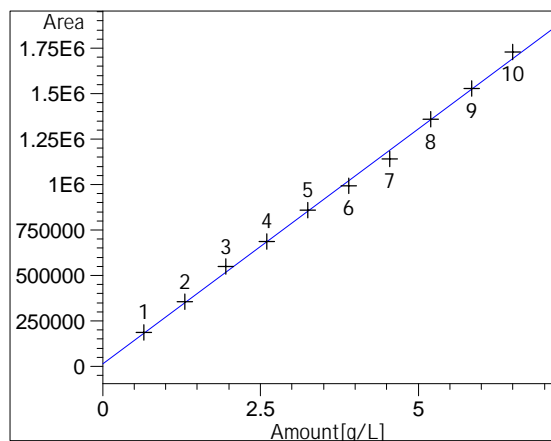
===
Calibration Curves
===
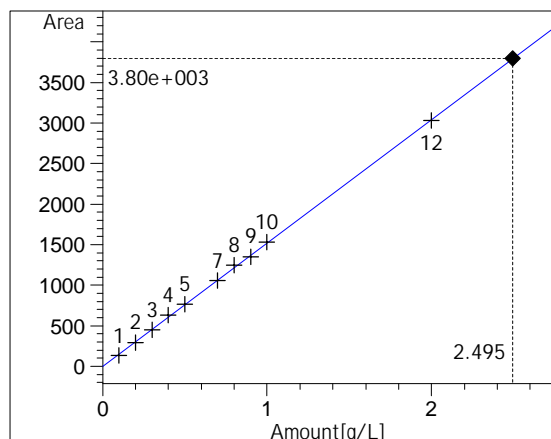

Succrose at exp. RT: 9.863
RID1 A, Refractive Index Signal
Correlation: 0.99759
Residual Std. Dev.: 22755.41185
Formula: y = mx + b
    m: 86671.29673
    b: 24839.01752
    x: Amount[g/L]
    y: Area

Measured point: (1.464, 1.52e+005)

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]
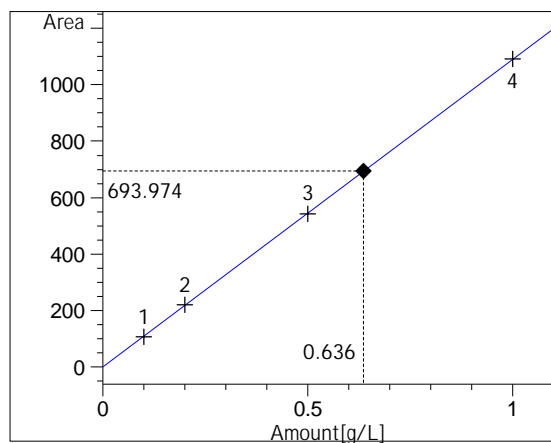   y: Area

3.17e+005   0.890

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

3.80e+003   2.495

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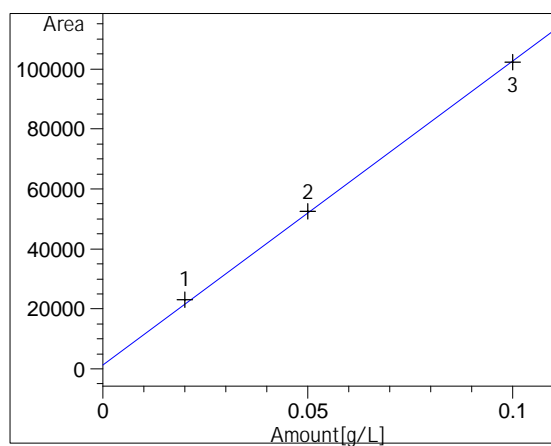Formula: y = mx + b
        m: 1092.07931
        b: -6.83711e-1
        x: Amount[g/L]
        y: Area

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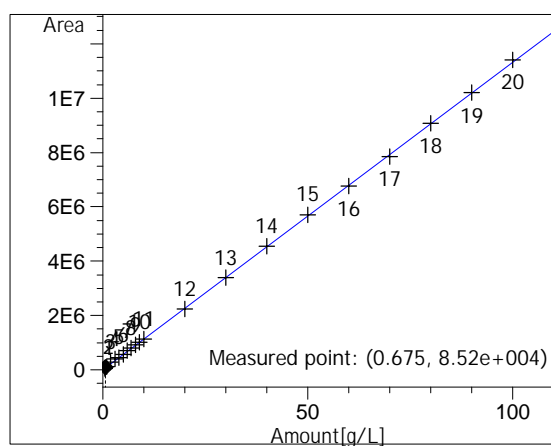Correlation: 0.99961
Residual Std. Dev.: 1507.31144
Formula: y = mx + b
        m: 1.01431e6
        b: 1395.13216
        x: Amount[g/L]
        y: Area

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 ***