Data File C:\Chem32\1\Data\dimitra.27.5.24 2024-05-27 12-46-59\003-P2-A3-P3.D
Sample Name: P3

```
========================================================================
Acq. Operator   : SYSTEM                    Seq. Line :   3
Acq. Instrument : HPLC-OXTLAB               Location :   P2-A-03
Injection Date  : 5/27/2024 14:20:14           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
Additional Info : Peak(s) manually integrated
```
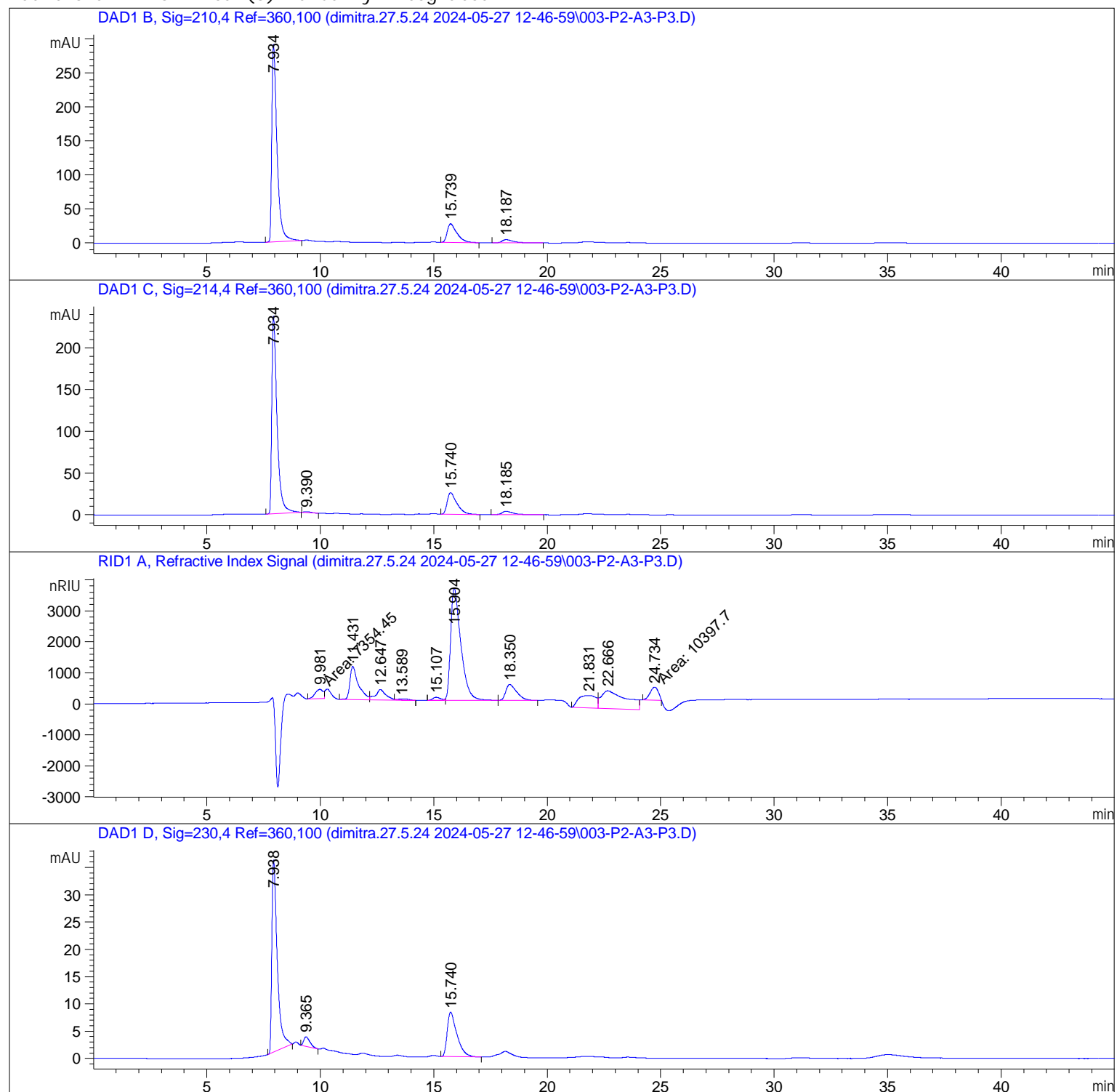

DAD1 B, Sig=210,4 Ref=360,100 (dimitra.27.5.24 2024-05-27 12-46-59\003-P2-A3-P3.D)

DAD1 C, Sig=214,4 Ref=360,100 (dimitra.27.5.24 2024-05-27 12-46-59\003-P2-A3-P3.D)

RID1 A, Refractive Index Signal (dimitra.27.5.24 2024-05-27 12-46-59\003-P2-A3-P3.D)

DAD1 D, Sig=230,4 Ref=360,100 (dimitra.27.5.24 2024-05-27 12-46-59\003-P2-A3-P3.D)

Data File C:\Chem32\1\Data\dimitra.27.5.24 2024-05-27 12-46-59\003-P2-A3-P3.D
Sample Name: P3

```
========================================================================
                      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 BB     819.69983 6.56426e-4 5.38073e-1      Lactic acid
 18.187 BB     159.07983 9.19620e-4 1.46293e-1      Acetic acid
 21.787         -          -          -             Propionic

Totals :                             6.84366e-1




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]
-------|------|----------|----------|----------|--|------------------
  9.981 MM    7354.44727   0.00000    0.00000       Succrose
 11.431 BV    2.79685e4  2.56020e-6 7.16048e-2      Glucose
 12.100         -          -          -             Fructose
 24.734 MF    1.03977e4  1.37724e-6 1.43201e-2      Ethanol

Totals :                             8.59249e-2




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), (Succrose)


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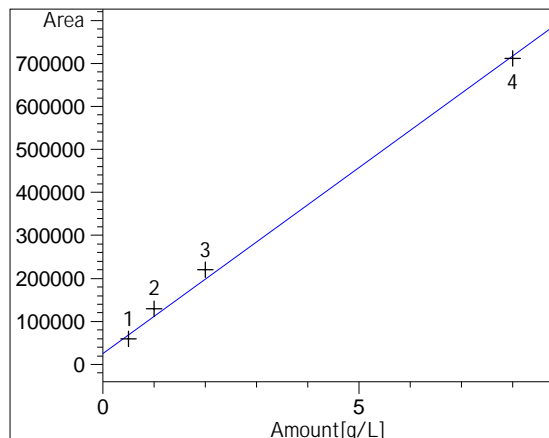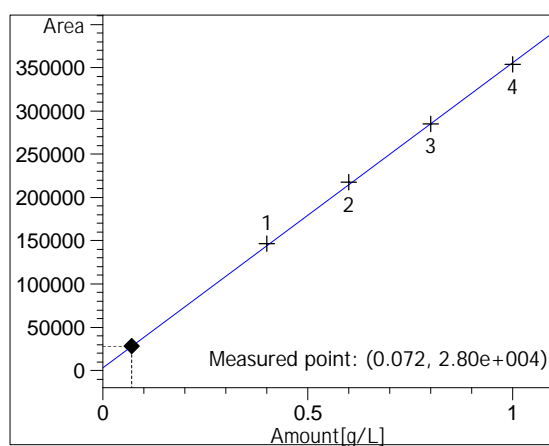
==
Calibration Curves
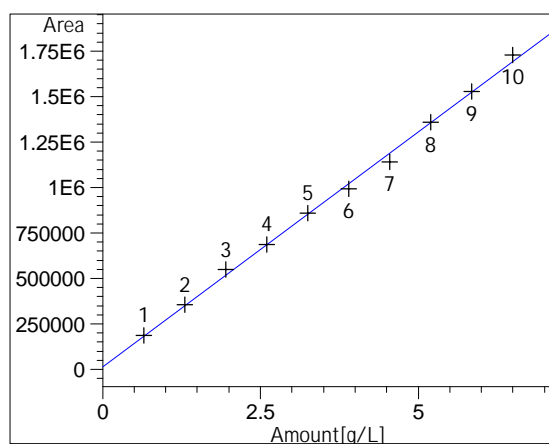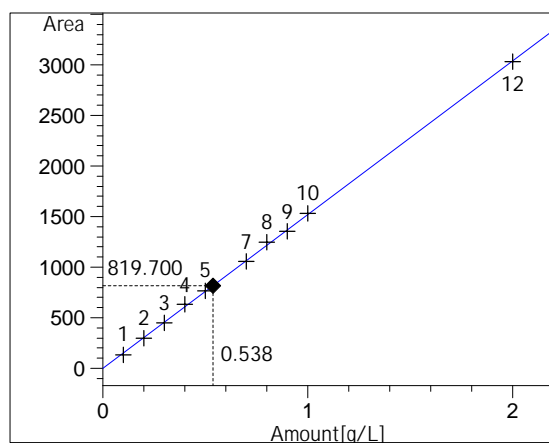==

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
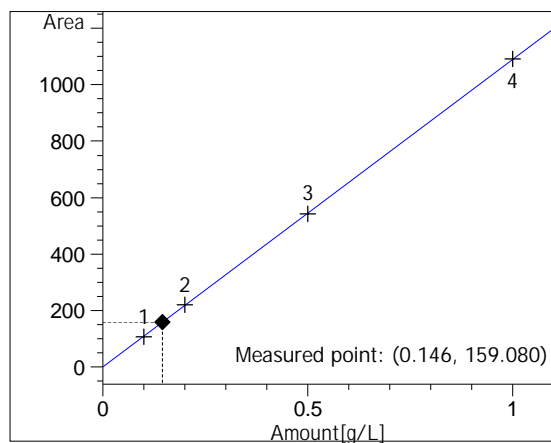
Measured point: (0.072, 2.80e+004)

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

819.700
0.538

Sample Name: P3

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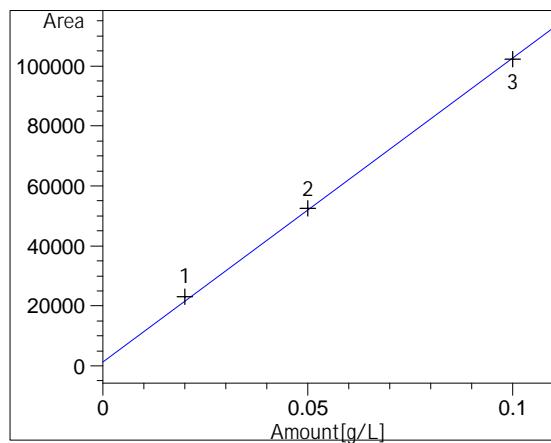Formula: y = mx + b
        m: 1092.07931
        b: -6.83711e-1
        x: Amount[g/L]
        y: Area

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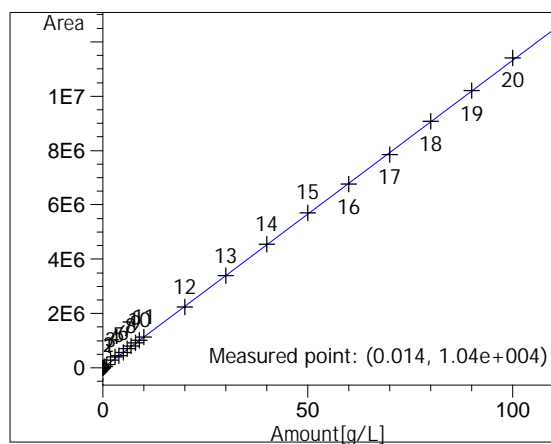Formula: y = mx + b
        m: 1.01431e6
        b: 1395.13216
        x: Amount[g/L]
        y: Area

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 ***