Data File C:\Chem32\1\Data\New 2023-11-13 13-58-43\017-P2-C6-1.3.D
Sample Name: 1.3

===================================================================
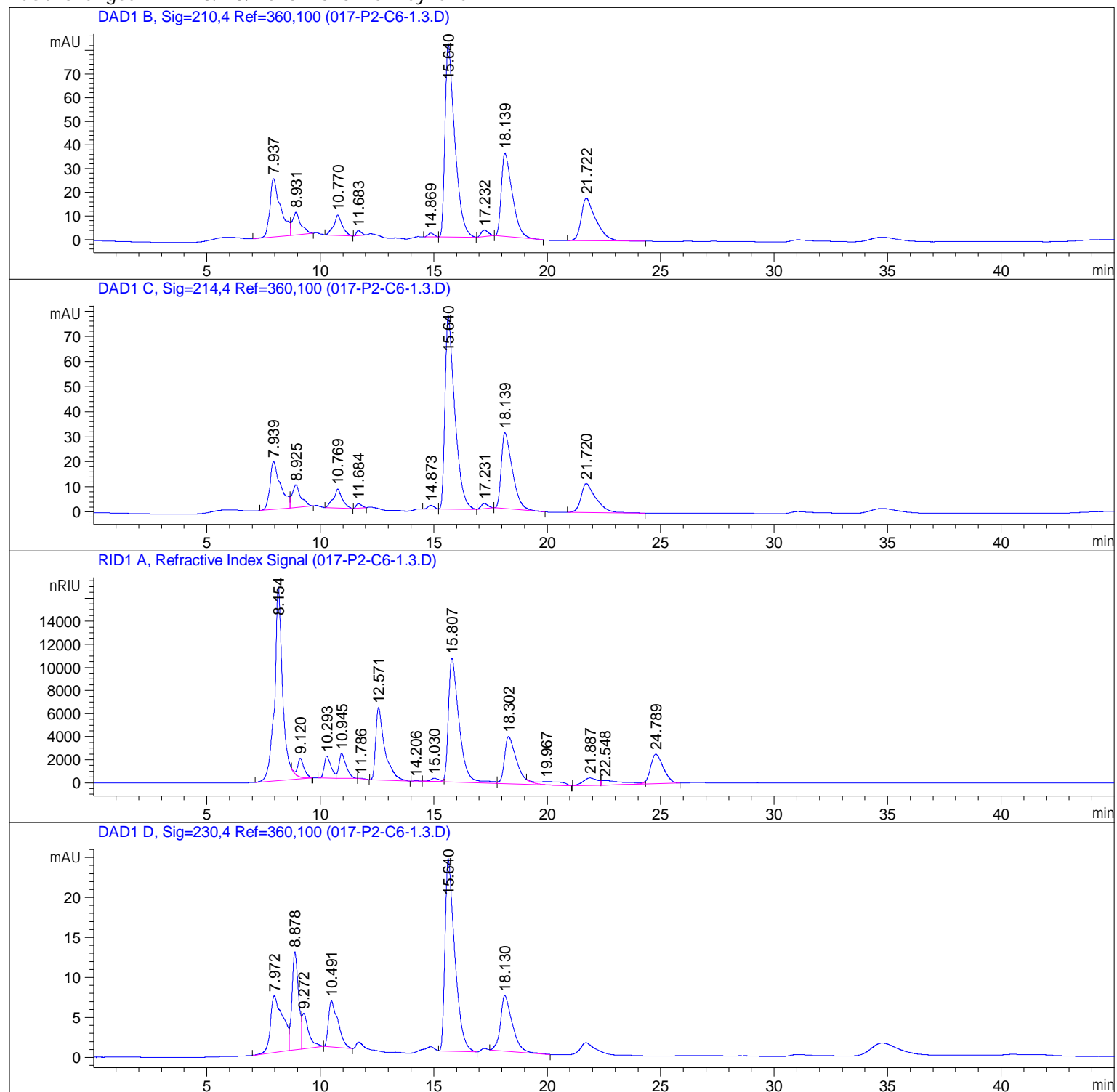
Acq. Operator   : SYSTEM                      Seq. Line :  17
Acq. Instrument : HPLC-OXTLAB                  Location :   P2-C-06
Injection Date  : 11/14/2023 02:17:46            Inj :   1
                                              Inj Volume : 20.000 µl
Sequence File   : C:\Chem32\1\Data\New 2023-11-13 13-58-43\New.S
Method          : C:\Chem32\1\Data\New 2023-11-13 13-58-43\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]
-------|------|----------|----------|----------|--|------------------
 15.640 VB    2438.65845 6.56930e-4    1.60203         Lactic acid
 18.139 BB    1177.51270 9.16216e-4    1.07886         Acetic acid
 21.722 BB     810.02594   0.00000     0.00000         Propionic

Totals :                                2.68088




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
 12.571 BB     1.72995e5  3.57947e-6 6.19233e-1      Fructose
 24.789 VB R   1.00578e5  8.05718e-6 8.10377e-1      Ethanol

Totals :                                1.42961




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)


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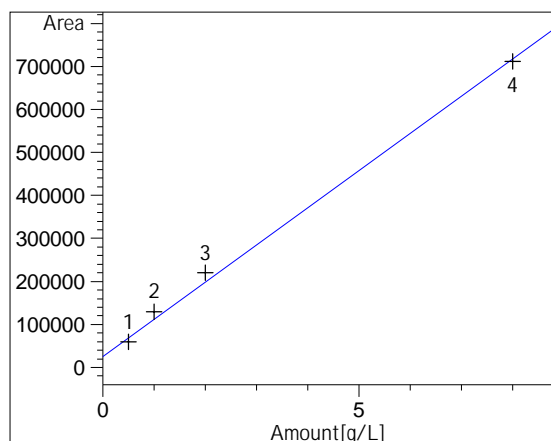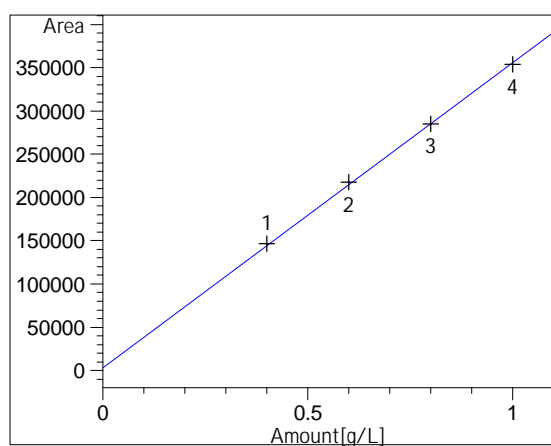
==================================================================
Calibration Curves
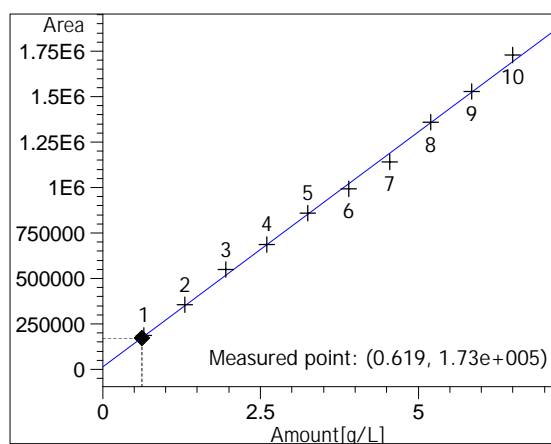==================================================================
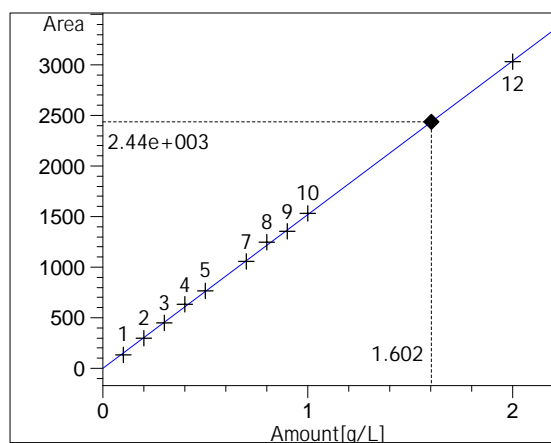


Succrose at exp. RT: 9.863
RID1 A, Refractive Index Signal
Correlation:            0.99759
Residual Std. Dev.: 22755.41185
Formula: y = mx + b
       m:   86671.29673
       b:   24839.01752
       x: Amount[g/L]
       y: Area



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



Measured point: (0.619, 1.73e+005)

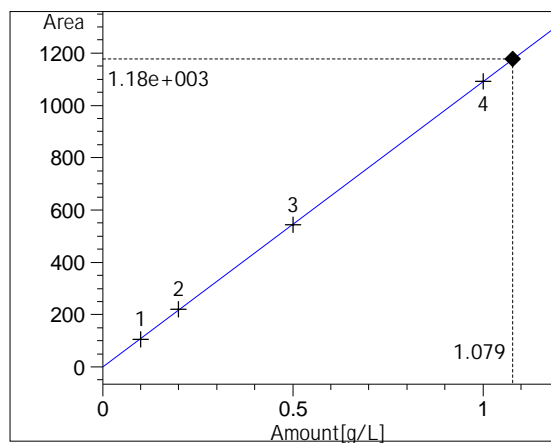Fructose at exp. RT: 12.100
RID1 A, Refractive Index Signal
Correlation:            0.99909
Residual Std. Dev.: 25081.95145
Formula: y = mx + b
       m: 258721.41259
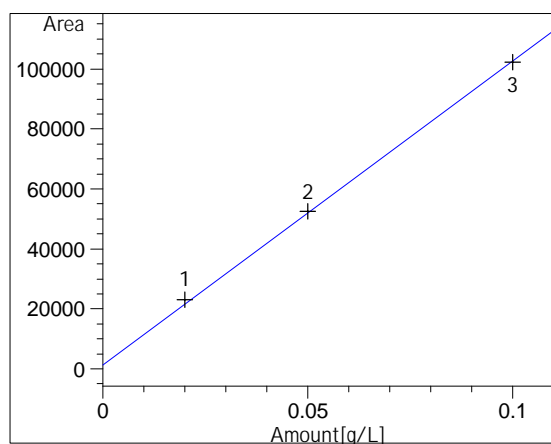       b:   12786.68182
       x: Amount[g/L]
       y: Area



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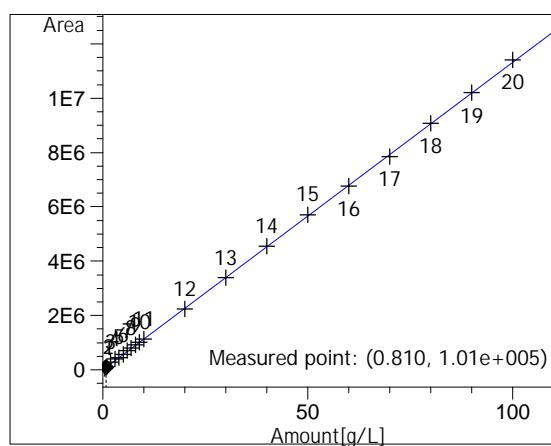       b:      9.45650e-1
       x: Amount[g/L]
       y: Area

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

======================================================================
*** End of Report ***