Data File C:\Chem32\1\Data\New 2023-11-13 13-58-43\012-P2-C1-1.67.D

Sample Name: 1.67

```
========================================================================
Acq. Operator   : SYSTEM                    Seq. Line :   12
Acq. Instrument : HPLC-OXTLAB               Location :    P2-C-01
Injection Date  : 11/13/2023 22:27:09            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
```
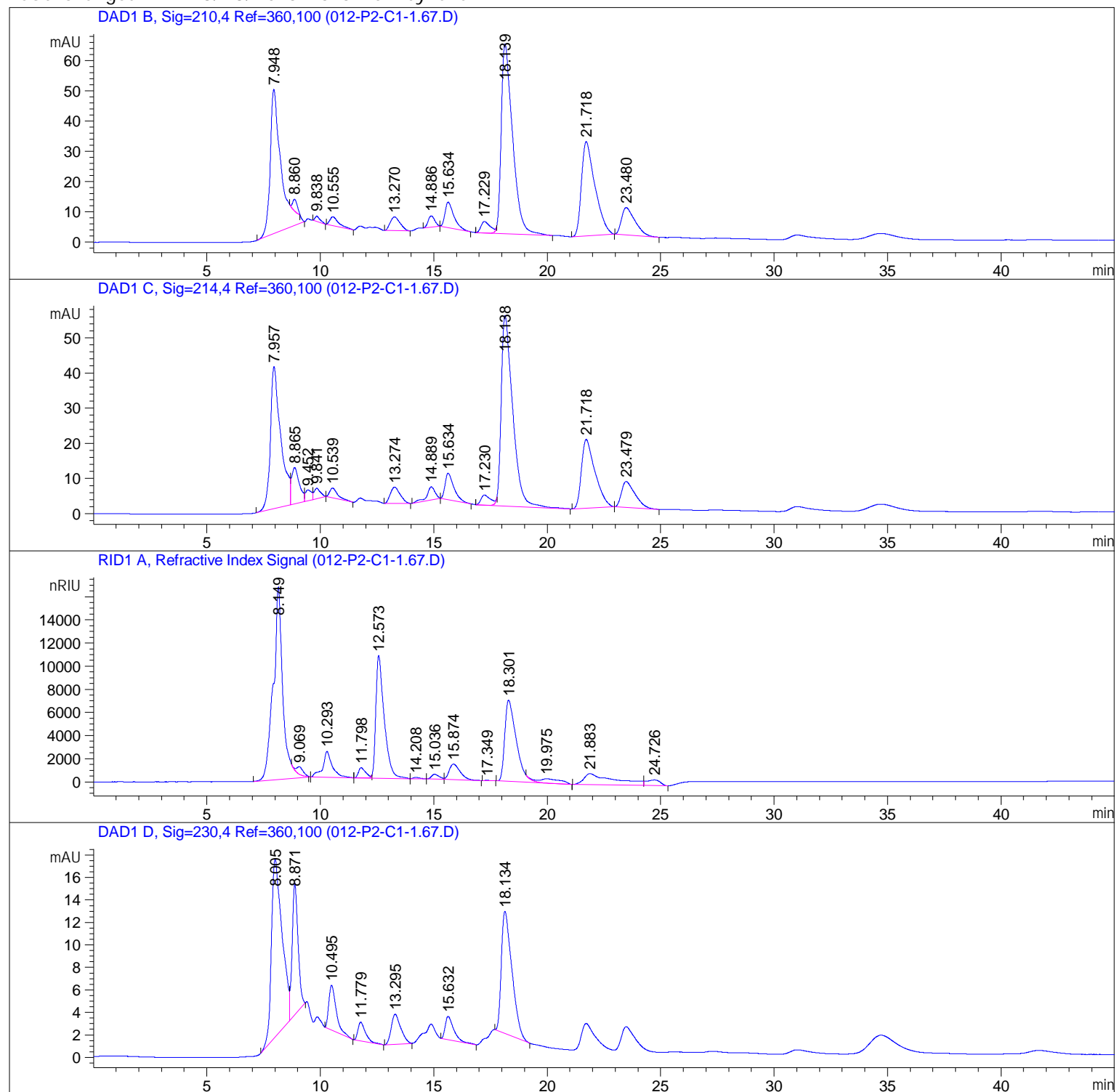
```
========================================================================
                     External Standard Report
========================================================================


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]
-------|------|----------|----------|----------|--|------------------
 15.634 BB     227.09610 6.54448e-4 1.48623e-1       Lactic acid
 18.139 VB R  2183.46533 9.15971e-4   1.99999        Acetic acid
 21.718 BB    1293.09949   0.00000    0.00000        Propionic

Totals :                                 2.14861




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
 11.798 BV E   1.93312e4  1.30854e-6 2.52957e-2    Fructose
 24.726 VB     2.06514e4  5.07634e-6 1.04833e-1    Ethanol

Totals :                                 1.30129e-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)


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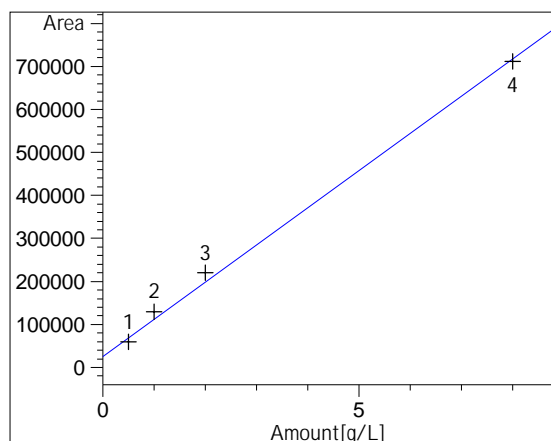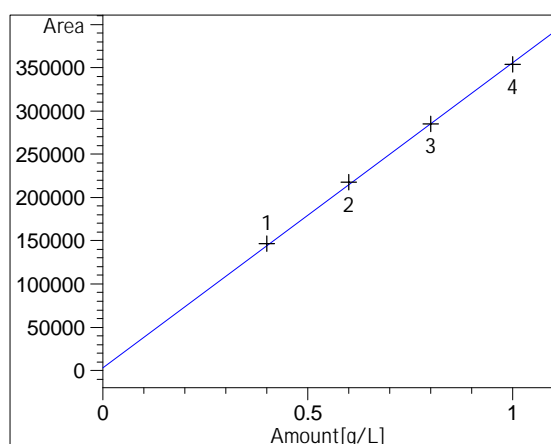
==
Calibration Curves
==
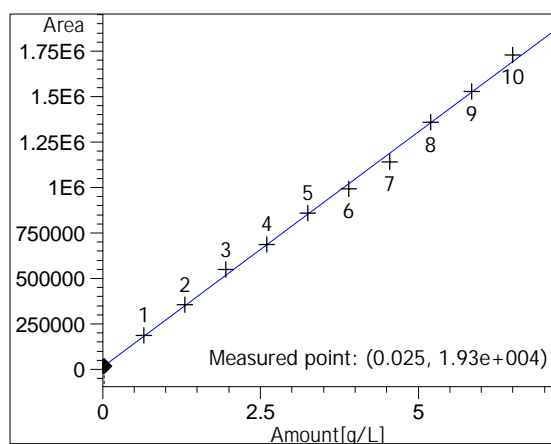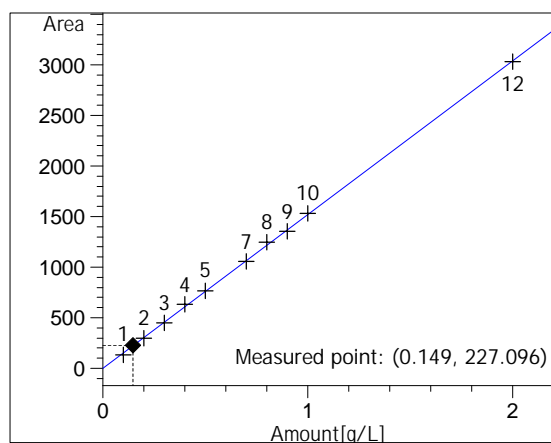

Succrose at exp. RT: 9.863
RID1 A, Refractive Index Signal
Correlation: 0.99759
Residual Std. Dev.: 22755.41185
Formula: y = mx + b
       m: 86671.29673
       b: 24839.01752
       x: Amount[g/L]
       y: Area

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

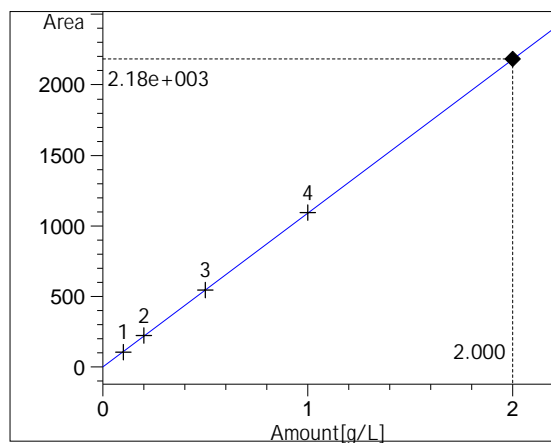
Fructose at exp. RT: 12.100
RID1 A, Refractive Index Signal
Correlation: 0.99909
Residual Std. Dev.: 25081.95145
Formula: y = mx + b
       m: 258721.41259
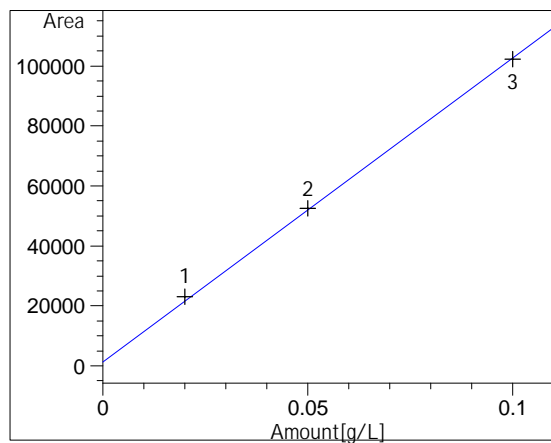   b: 12786.68182
       x: Amount[g/L]
       y: Area

Measured point: (0.025, 1.93e+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
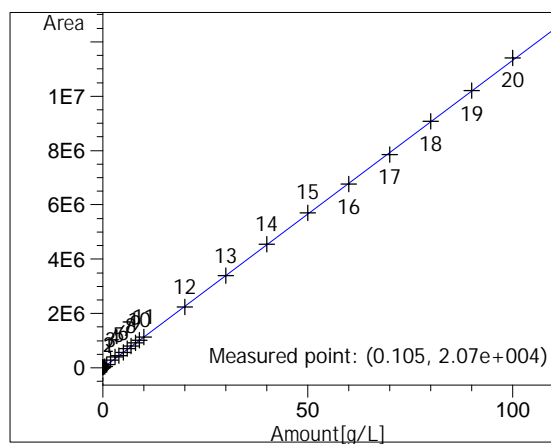   b: 9.45650e-1
       x: Amount[g/L]
       y: Area

Measured point: (0.149, 227.096)

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 ***