Data File C:\Chem32\1\Data\xaris-dimos-ntina 27.11 2023-11-27 14-11-38\008-P2-A8-4.0.D
Sample Name: 4.0

===
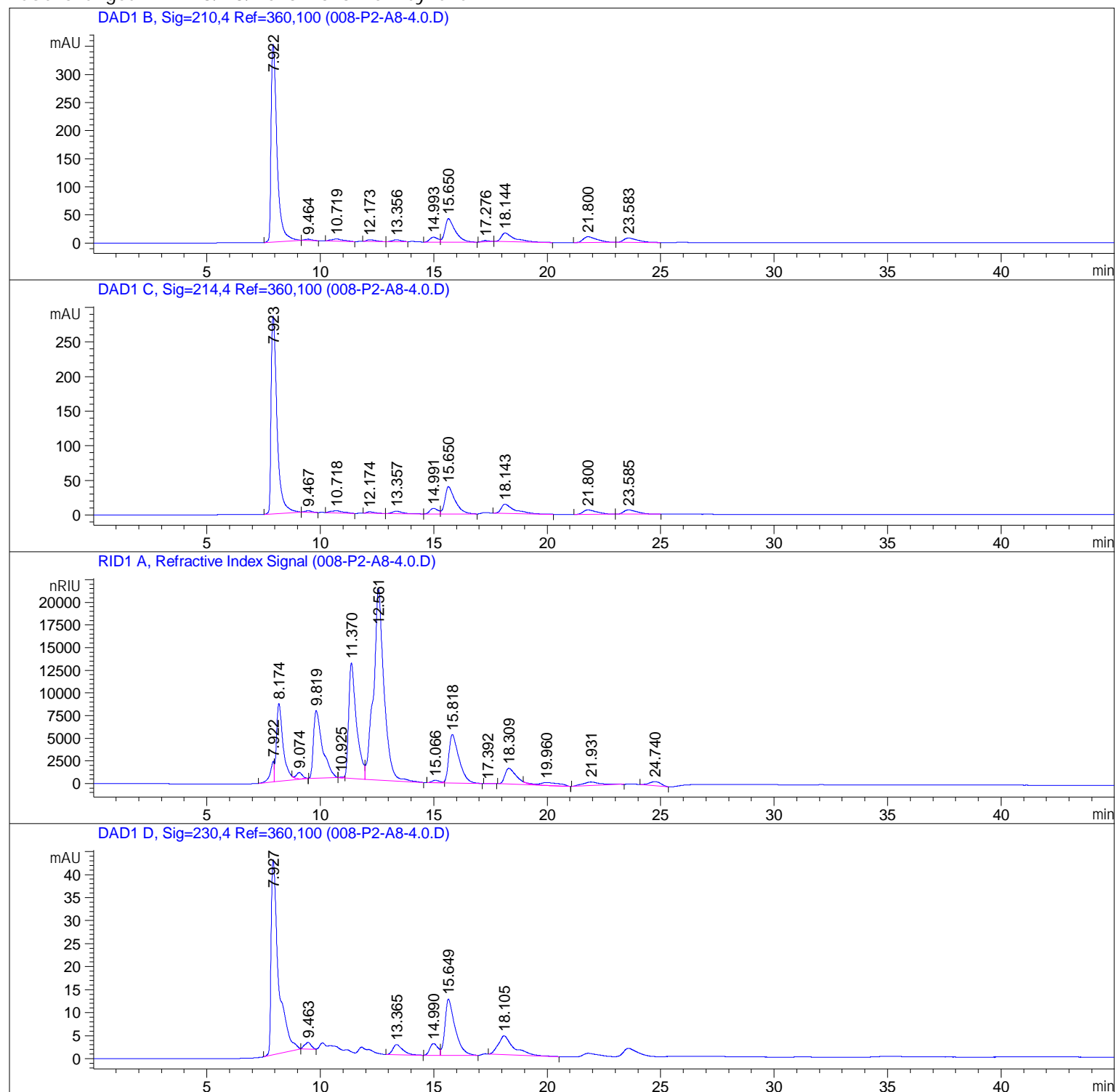
Acq. Operator   : SYSTEM   Seq. Line :   8
Acq. Instrument : HPLC-OXTLAB   Location :   P2-A-08
Injection Date : 11/27/2023 19:35:30   Inj :   1
                                          Inj Volume : 20.000 µl
Sequence File   : C:\Chem32\1\Data\xaris-dimos-ntina 27.11 2023-11-27 14-11-38\xaris-dimos-
                  ntina 27.11.S
Method   : C:\Chem32\1\Data\xaris-dimos-ntina 27.11 2023-11-27 14-11-38\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]
-------|------|----------|----------|----------|--|------------------
 15.650 VB    1293.01233 6.56704e-4 8.49126e-1        Lactic acid
 18.144 BB     595.84186 9.16735e-4 5.46229e-1        Acetic acid
 21.800 BB     436.93289   0.00000    0.00000         Propionic

Totals :                              1.39536




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]
-------|------|----------|----------|----------|--|------------------
  9.819 BB    2.03253e5  1.01278e-5    2.05851        Succrose
 11.370 VV R  3.04917e5  2.80249e-6 8.54525e-1        Glucose
 12.561 VB    6.77958e5  3.79226e-6    2.57100        Fructose
 24.740 BB    1.52235e4  3.73891e-6 5.69192e-2        Ethanol

Totals :                              5.54095




Signal 4: DAD1 D, Sig=230,4 Ref=360,100

2 Warnings or Errors :

Warning : Calibration warnings (see calibration table listing)
Warning : Negative results set to zero (cal. curve intercept), (Propionic)


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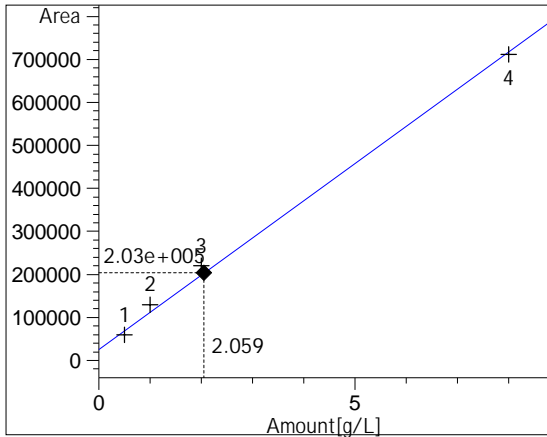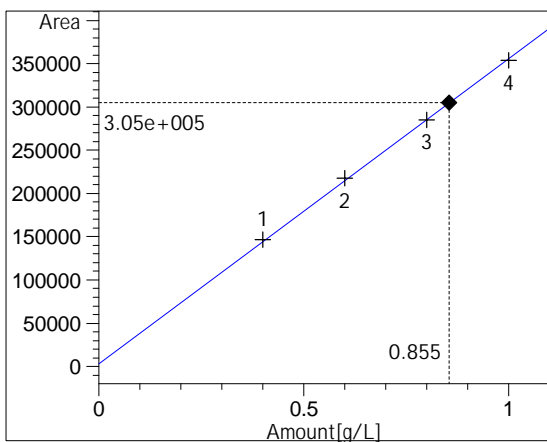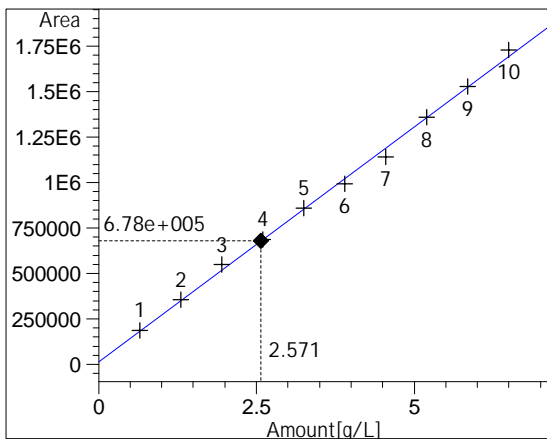
==
Calibration Curves
==
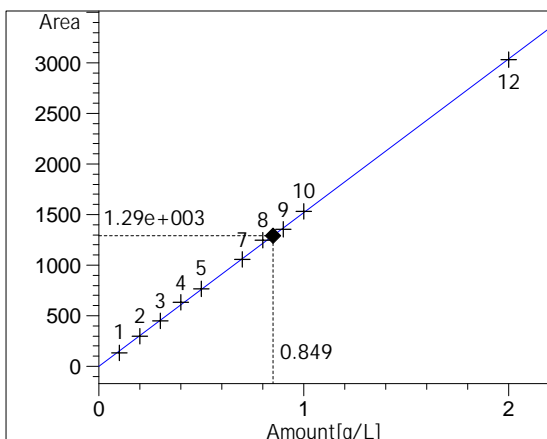

Succrose at exp. RT: 9.863
RID1 A, Refractive Index Signal
Correlation: 0.99759
Residual Std. Dev.: 22755.41185
Formula: y = mx + b
        m: 86671.29673
        b: 24839.01752
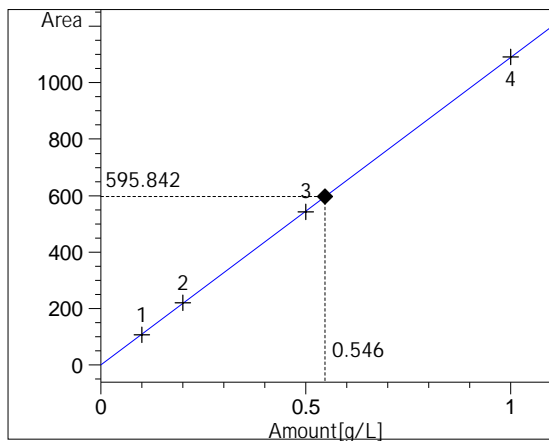   x: Amount[g/L]
        y: Area

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
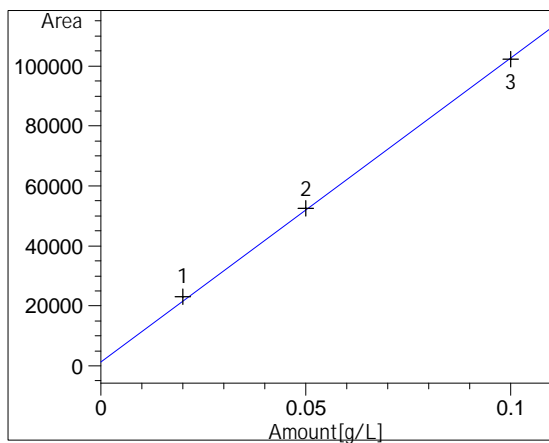   x: Amount[g/L]
        y: Area

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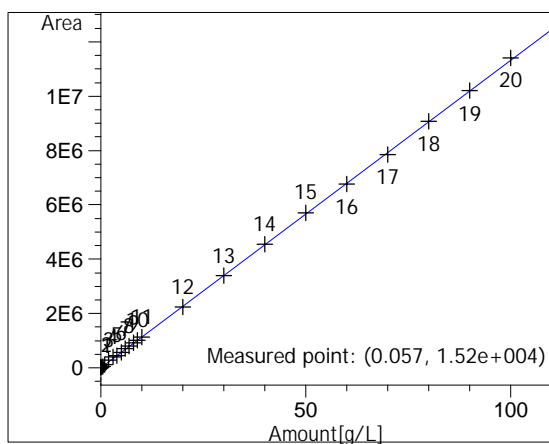   b: 12786.68182
        x: Amount[g/L]
        y: Area

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

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*** End of Report ***