===

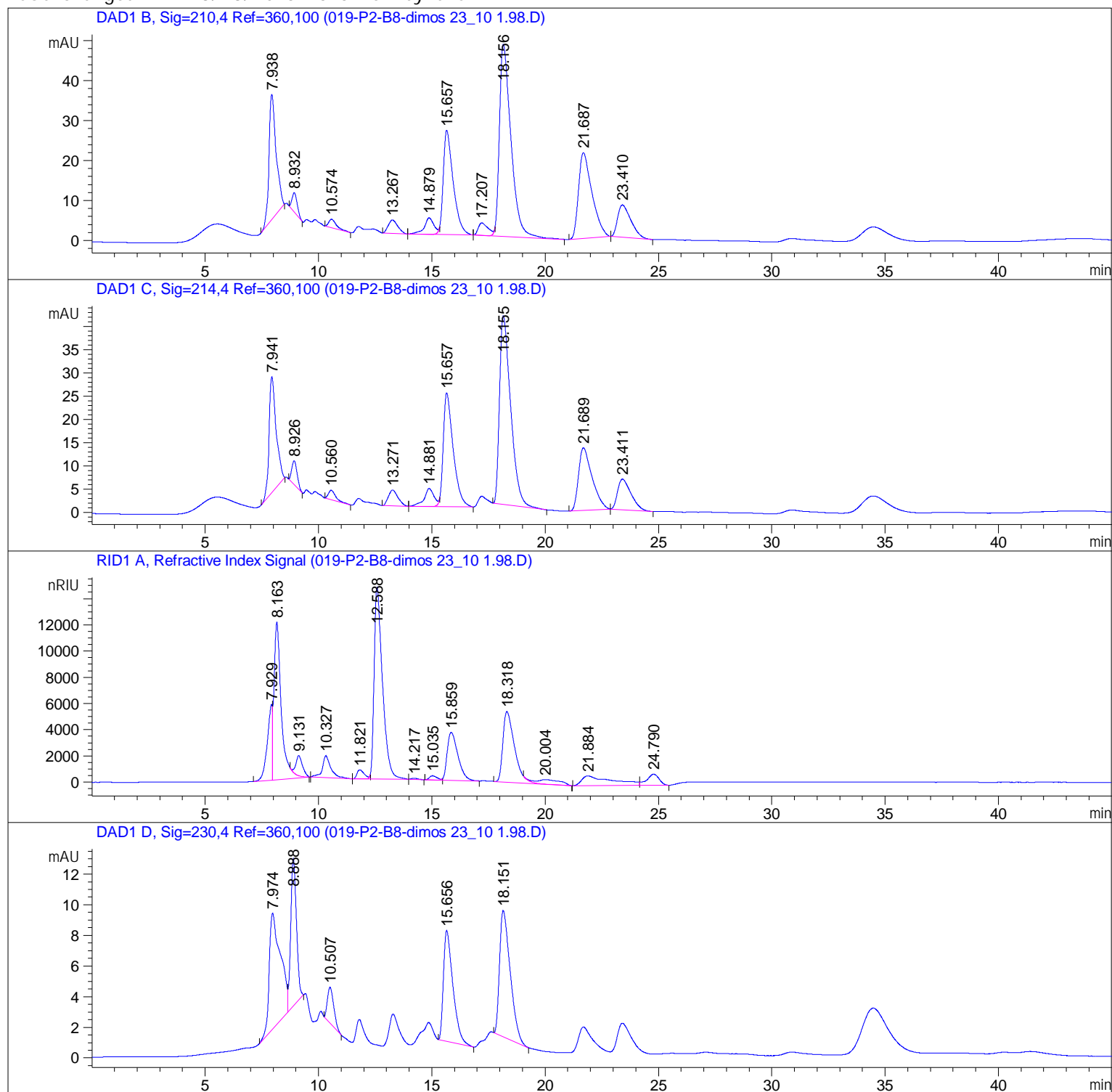Acq. Operator   : SYSTEM   Seq. Line : 19
Acq. Instrument : HPLC-OXTLAB   Location :   P2-B-08
Injection Date : 10/24/2023 03:14:01   Inj :   1
                                              Inj Volume : 20.000 µl
Sequence File   : C:\Chem32\1\Data\Dimos-Ntina-Xaris-23.10.23 2023-10-23 13-22-49\Dimos-Ntina
                  -Xaris-23.10.23.S
Method   : C:\Chem32\1\Data\Dimos-Ntina-Xaris-23.10.23 2023-10-23 13-22-49\LACTIC_TEMP
                  .M (Sequence Method)
Last changed   : 8/28/2023 13:32:52 by SYSTEM

Data File C:\Chem32\...ina-Xaris-23.10.23 2023-10-23 13-22-49\019-P2-B8-dimos 23_10 1.98.D
Sample Name: dimos 23_10 1.98

```
=======================================================================
                    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]
-------|------|----------|----------|----------|--|------------------
 15.657 VB R    799.48657 6.56407e-4 5.24789e-1       Lactic acid
 18.156 VB R   1708.92297 9.16051e-4    1.56546       Acetic acid
 21.687 BB      886.84436    0.00000    0.00000        Propionic


Totals :                                2.09025




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
 11.821 BV E   1.55847e4  6.93932e-7 1.08147e-2     Fructose
 24.790 VB     3.19188e4  6.40046e-6 2.04295e-1     Ethanol


Totals :                                2.15110e-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)


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```
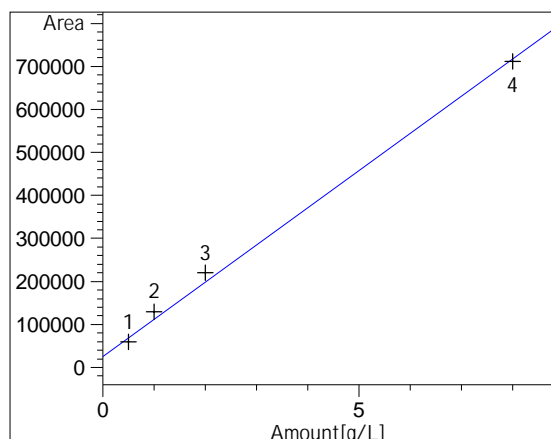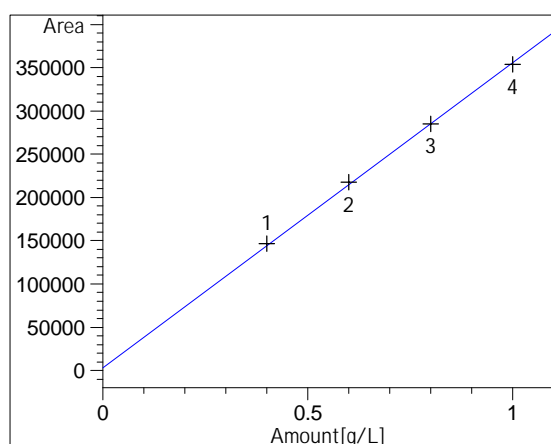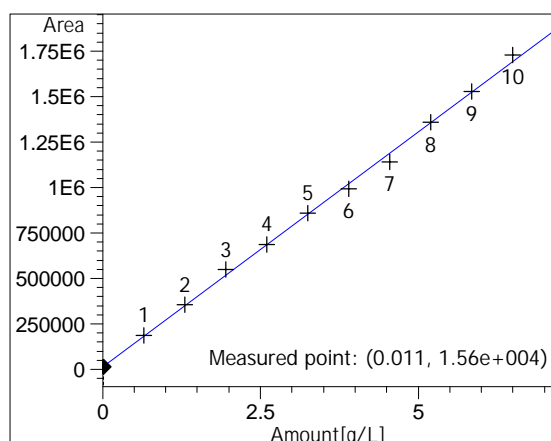
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Calibration Curves
===


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
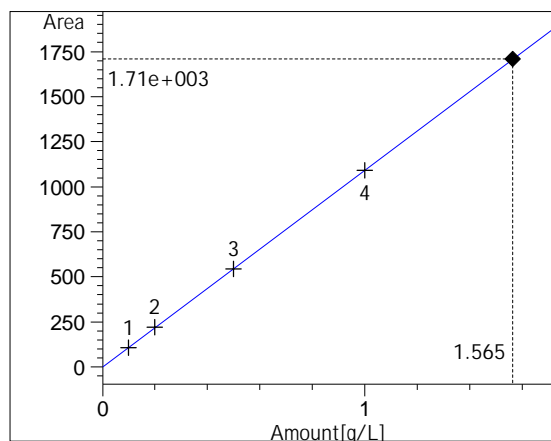   x: Amount[g/L]
       y: Area

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
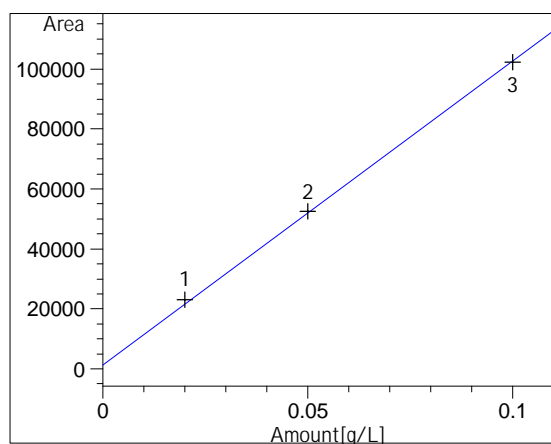   x: Amount[g/L]
       y: Area

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: (0.011, 1.56e+004)
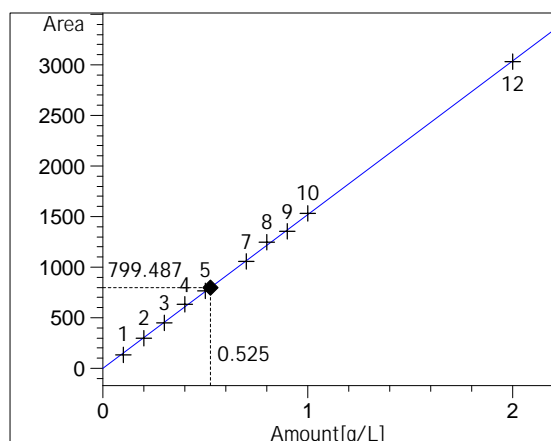
Lactic acid at exp. RT: 15.467
DAD1 B, Sig=210,4 Ref=360,100
Correlation: 0.99983
Residual Std. Dev.:   16.65547
Formula: y = mx + b
       m: 1521.64235
       b: 9.45650e-1
       x: Amount[g/L]
       y: Area

799.487

0.525

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
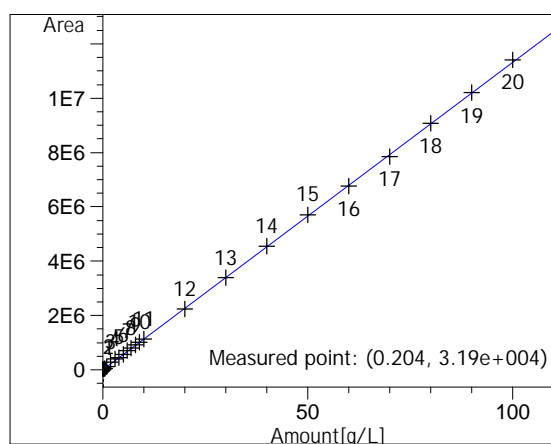
Ethanol at exp. RT: 24.978
RID1 A, Refractive Index Signal
Correlation: 0.99996
Residual Std. Dev.: 35437.06772
Formula: y = mx + b
        m: 113284.07454
        b: 8775.42396
        x: Amount[g/L]
        y: Area

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*** End of Report ***