Data File C:\Chem32\1\Data\xaris-dimos-ntina 27.11 2023-11-27 14-11-38\018-P2-B7-4.2.D
Sample Name: 4.2

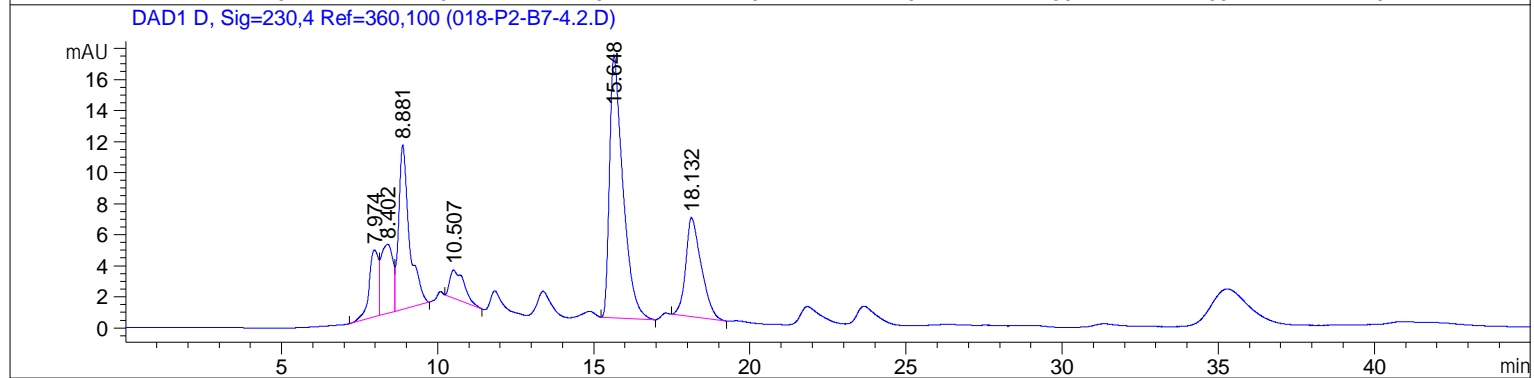===
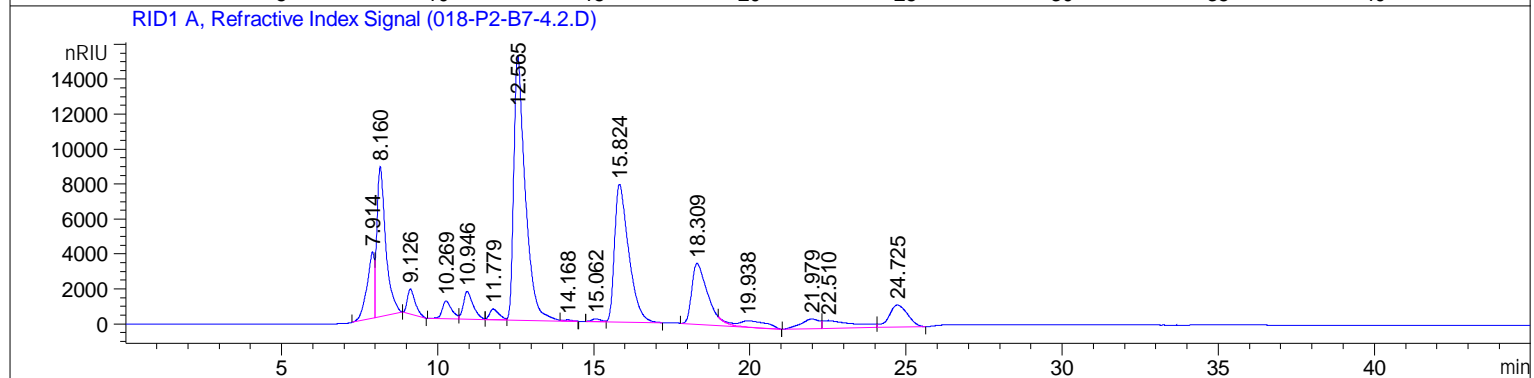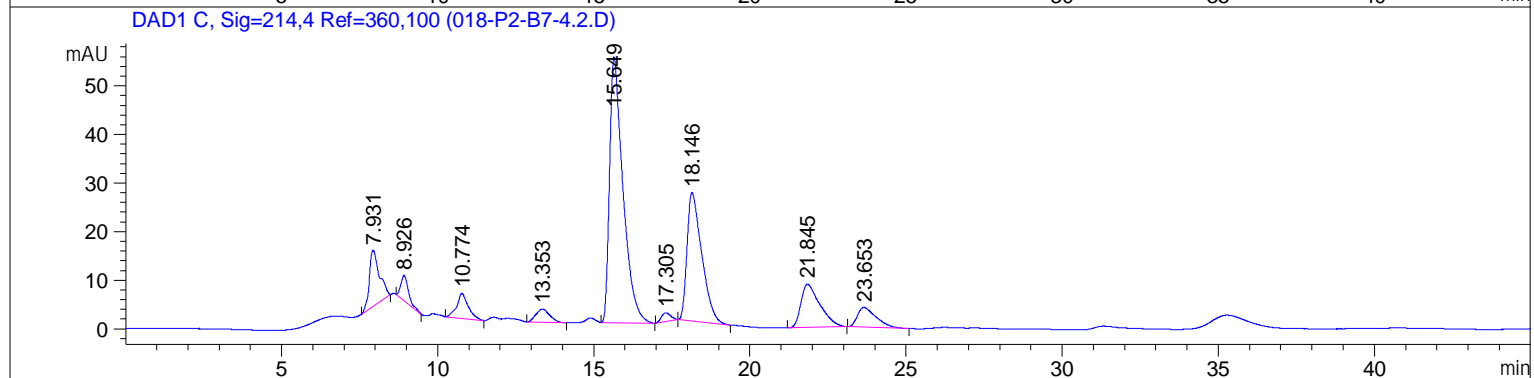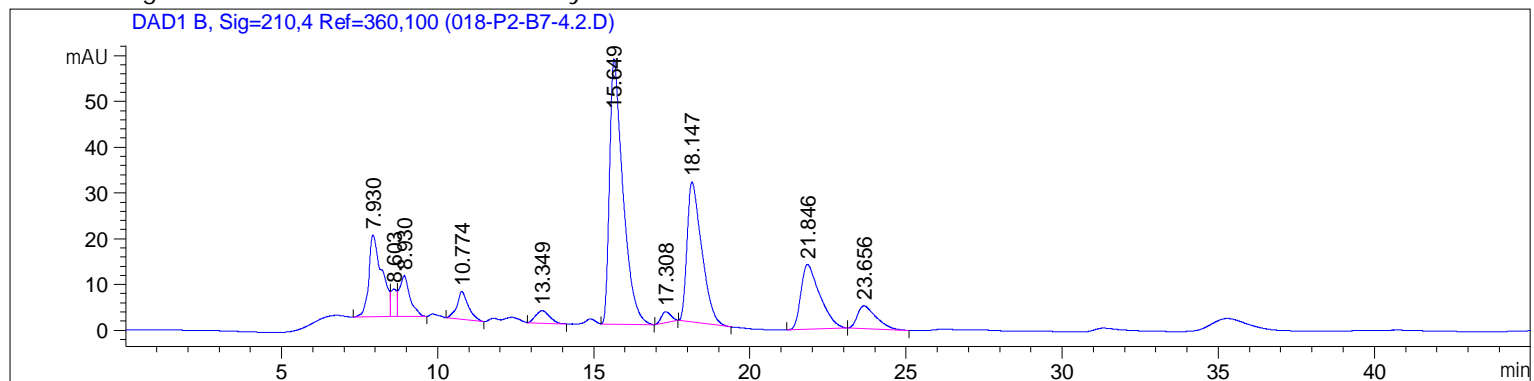Acq. Operator   : SYSTEM   Seq. Line : 18
Acq. Instrument : HPLC-OXTLAB   Location :   P2-B-07
Injection Date : 11/28/2023 03:16:43   Inj :   1
                                           Inj Volume : 20.000 µl
Sequence File   : C:\Chem32\1\Data\xaris-dimos-ntina 27.11 2023-11-27 14-11-38\xaris-dimos-
                  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

Data File C:\Chem32\1\Data\xaris-dimos-ntina 27.11 2023-11-27 14-11-38\018-P2-B7-4.2.D
Sample Name: 4.2

```
========================================================================
                     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]
-------|------|----------|----------|----------|--|-----------------
 15.649 BB    1729.29822 6.56825e-4   1.13585      Lactic acid
 18.147 BB     999.90857 9.16311e-4 9.16227e-1     Acetic acid
 21.846 BB     596.63898   0.00000    0.00000      Propionic

Totals :                              2.05207




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
 12.565 VV R  3.87498e5  3.73762e-6   1.44832      Fructose
 24.725 VB    5.25324e4  7.35277e-6 3.86259e-1     Ethanol

Totals :                              1.83458




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)


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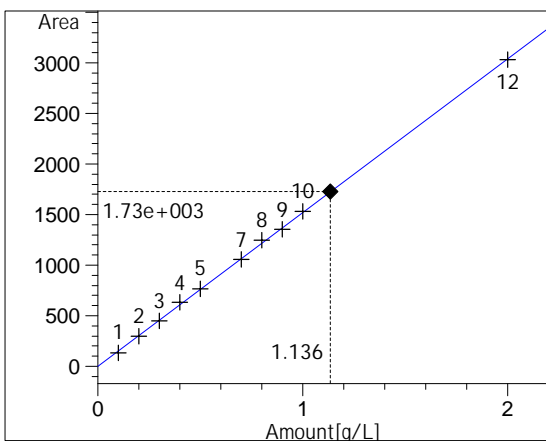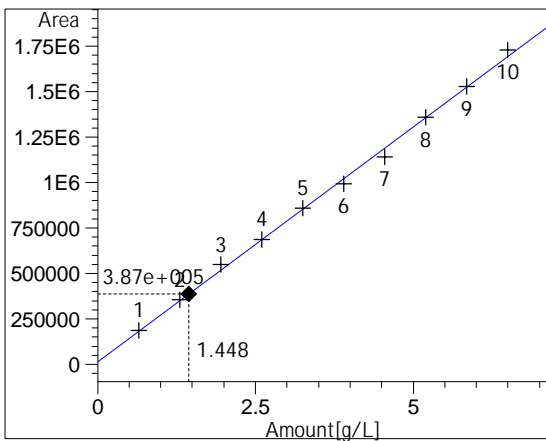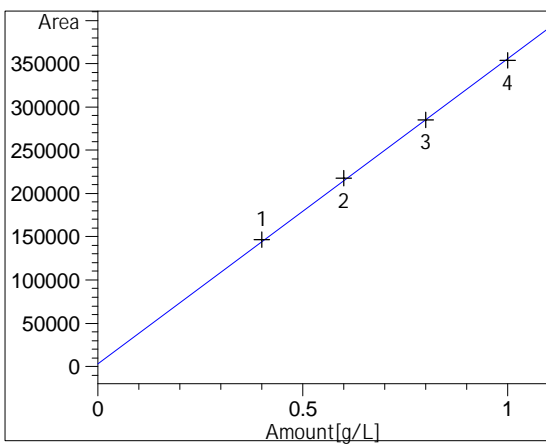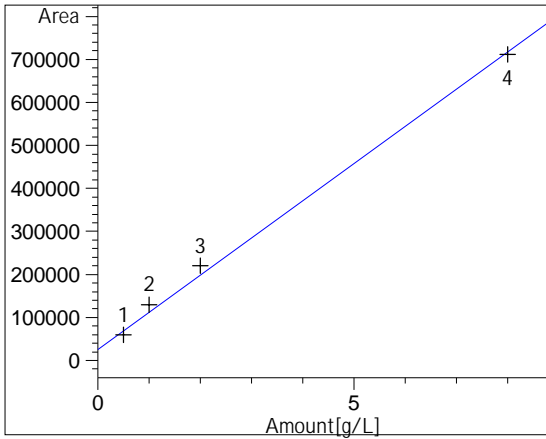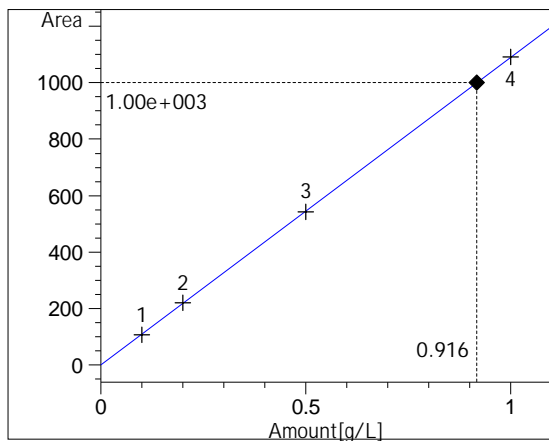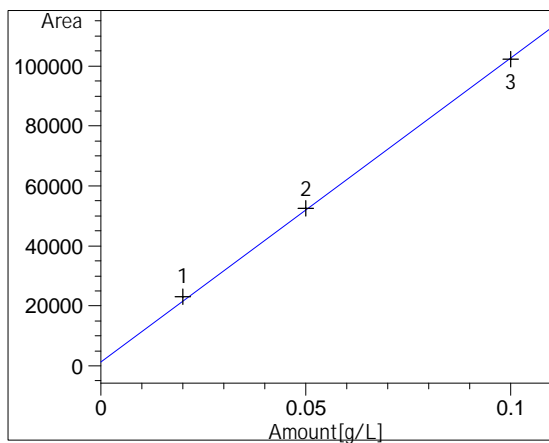
```
========================================================================
                        Calibration Curves
========================================================================
```


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

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]
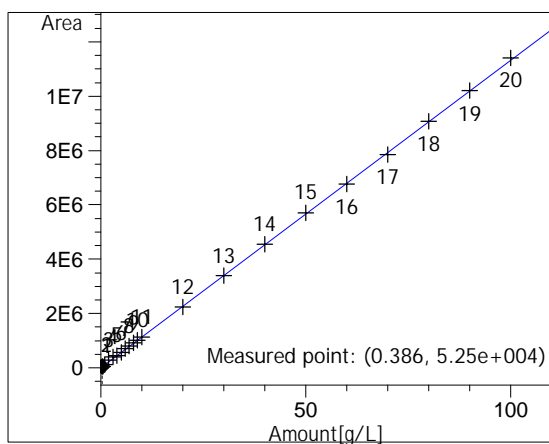   y: Area

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 ***