Data File C:\Chem32\1\Data\xaris-dimos-ntina 27.11 2023-11-27 14-11-38\007-P2-A7-2.0.D
Sample Name: 2.0

===

```
Acq. Operator   : SYSTEM                         Seq. Line :    7
Acq. Instrument : HPLC-OXTLAB                     Location :   P2-A-07
Injection Date  : 11/27/2023 18:49:22                  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
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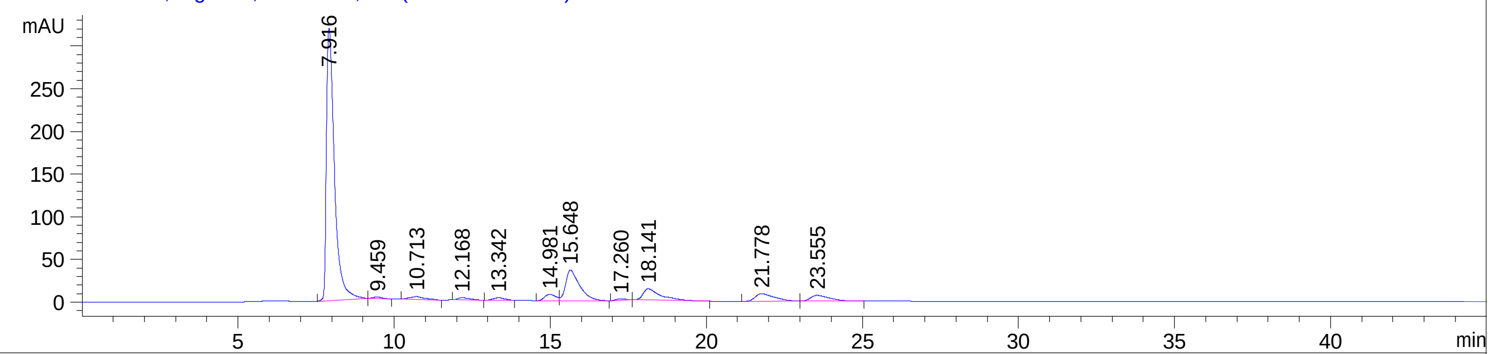
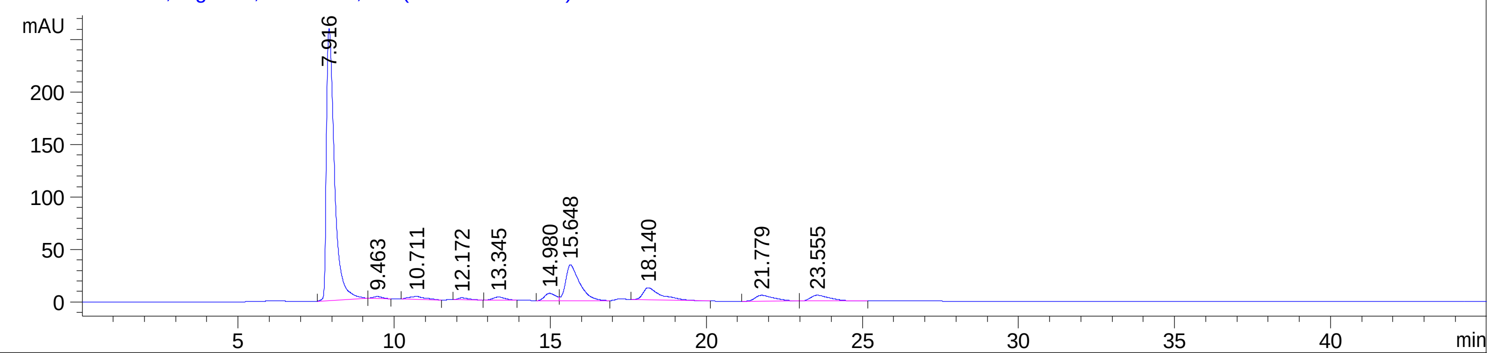
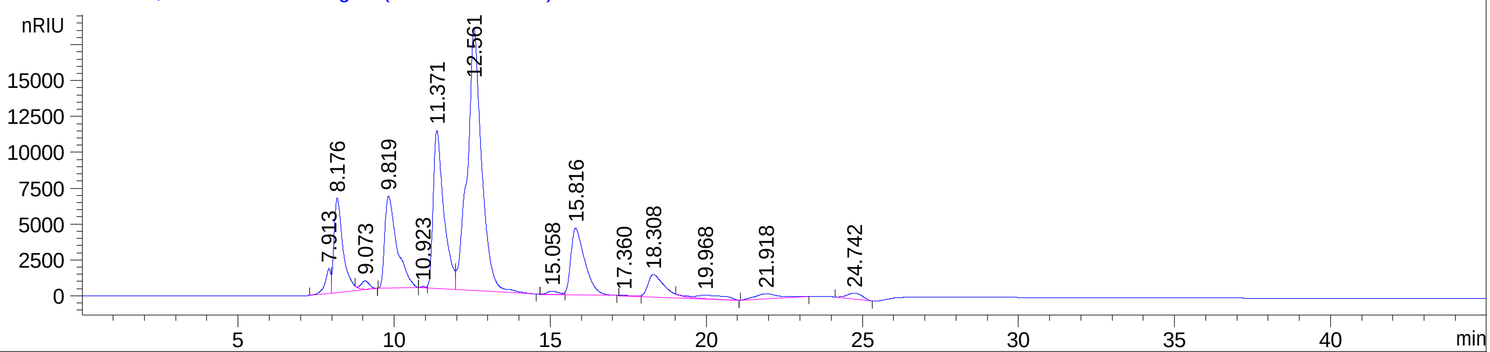
DAD1 B, Sig=210,4 Ref=360,100 (007-P2-A7-2.0.D)



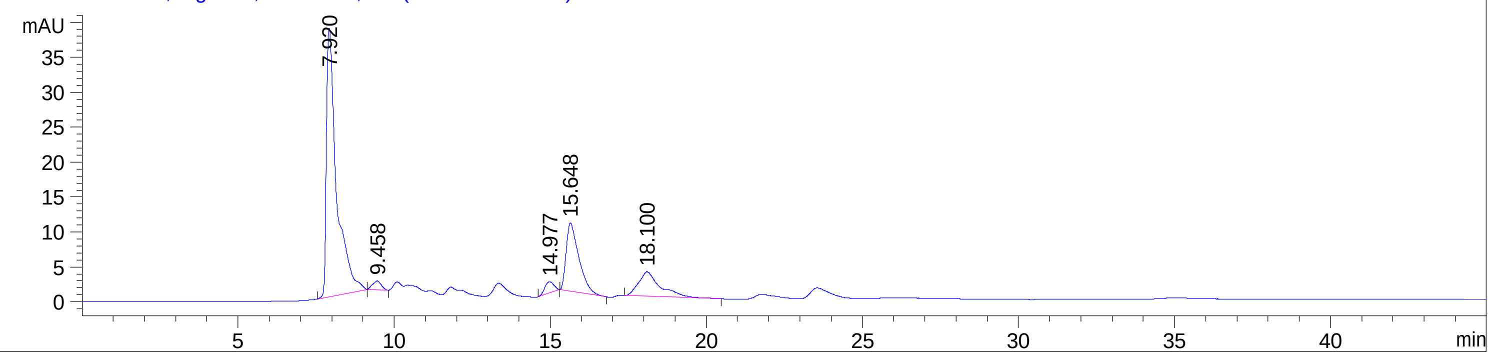
DAD1 C, Sig=214,4 Ref=360,100 (007-P2-A7-2.0.D)



RID1 A, Refractive Index Signal (007-P2-A7-2.0.D)



DAD1 D, Sig=230,4 Ref=360,100 (007-P2-A7-2.0.D)



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External Standard Report

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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 [min]	Type	Area [mAU*s]	Amt/Area	Amount [g/L]	Grp	Name
15.648	VB	1123.01489	6.56631e-4	7.37407e-1		Lactic acid
18.141	BB	519.67377	9.16889e-4	4.76483e-1		Acetic acid
21.778	BB	379.41779	0.00000	0.00000		Propionic

Totals : 1.21389

Signal 2: DAD1 C, Sig=214,4 Ref=360,100

Signal 3: RID1 A, Refractive Index Signal

RetTime [min]	Type	Area [nRIU*s]	Amt/Area	Amount [g/L]	Grp	Name
9.819	BB	1.75338e5	9.90336e-6	1.73644		Succrose
11.371	VV R	2.63972e5	2.79869e-6	7.38777e-1		Glucose
12.561	VB	5.87314e5	3.78101e-6	2.22064		Fructose
24.742	BB	1.37010e4	3.17349e-6	4.34801e-2		Ethanol

Totals : 4.73934

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)

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Calibration Curves
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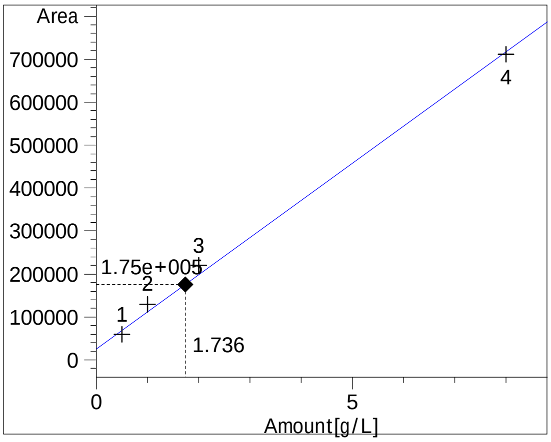
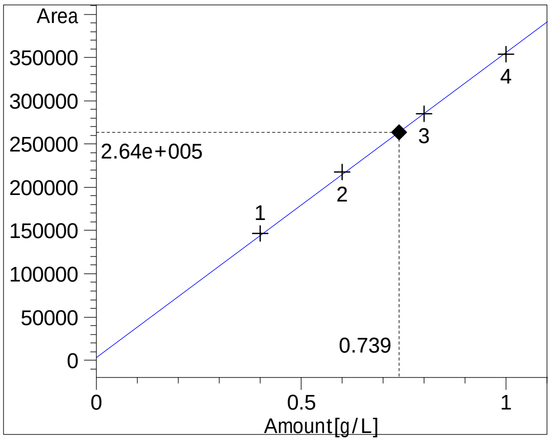
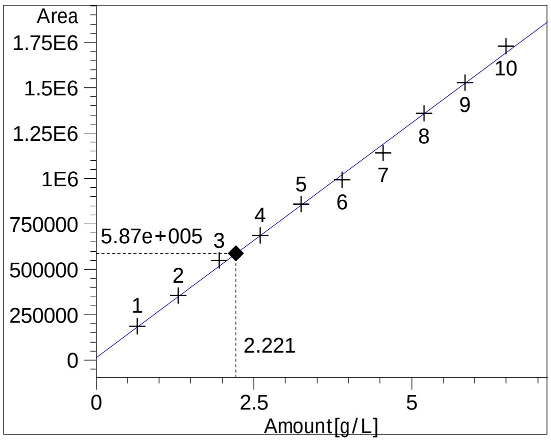


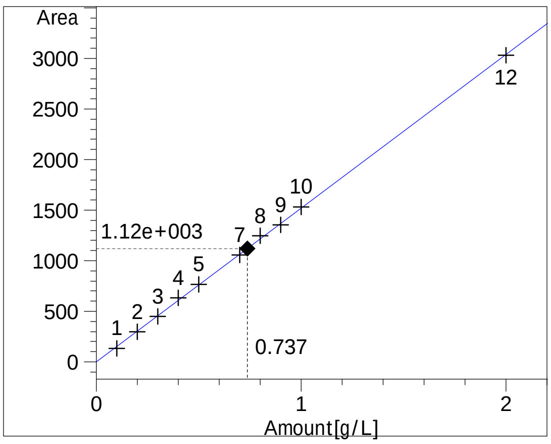
Succrose at exp. RT: 9.863
RID1 A, Refractive Index Signal
Correlation: 0.99759
Residual Std. Dev.: 22755.41185
Formula: y = mx + b
m: 86671.29673
b: 24839.01752
x: Amount[g/L]
y: Area



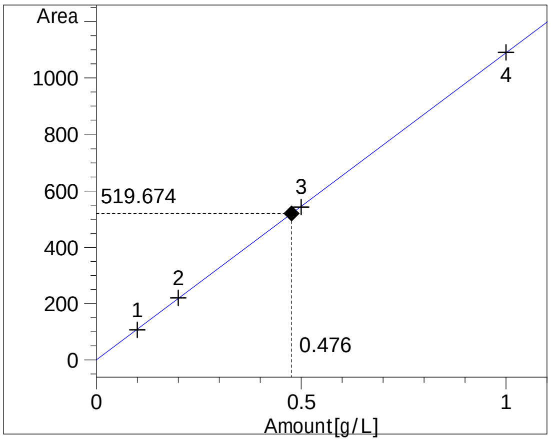
Glucose at exp. RT: 11.408
RID1 A, Refractive Index Signal
Correlation: 0.99981
Residual Std. Dev.: 3023.36360
Formula: y = mx + b
m: 353737.16216
b: 2639.18919
x: Amount[g/L]
y: Area



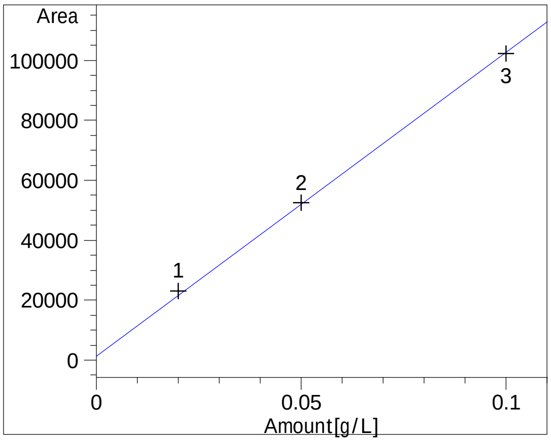
Fructose at exp. RT: 12.100
RID1 A, Refractive Index Signal
Correlation: 0.99909
Residual Std. Dev.: 25081.95145
Formula: y = mx + b
m: 258721.41259
b: 12786.68182
x: Amount[g/L]
y: Area



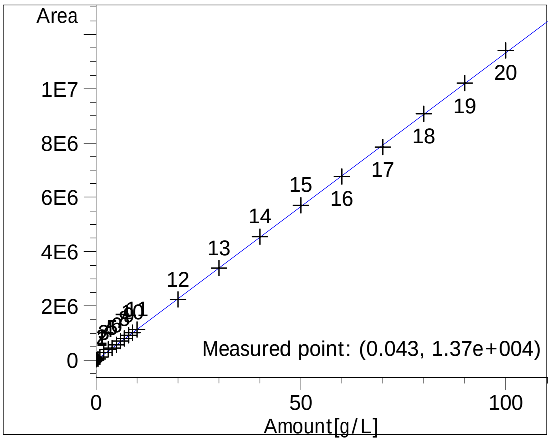
Lactic acid at exp. RT: 15.467
DAD1 B, Sig=210,4 Ref=360,100
Correlation: 0.99983
Residual Std. Dev.: 16.65547
Formula: y = mx + b
m: 1521.64235
b: 9.45650e-1
x: Amount[g/L]
y: Area



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 ***