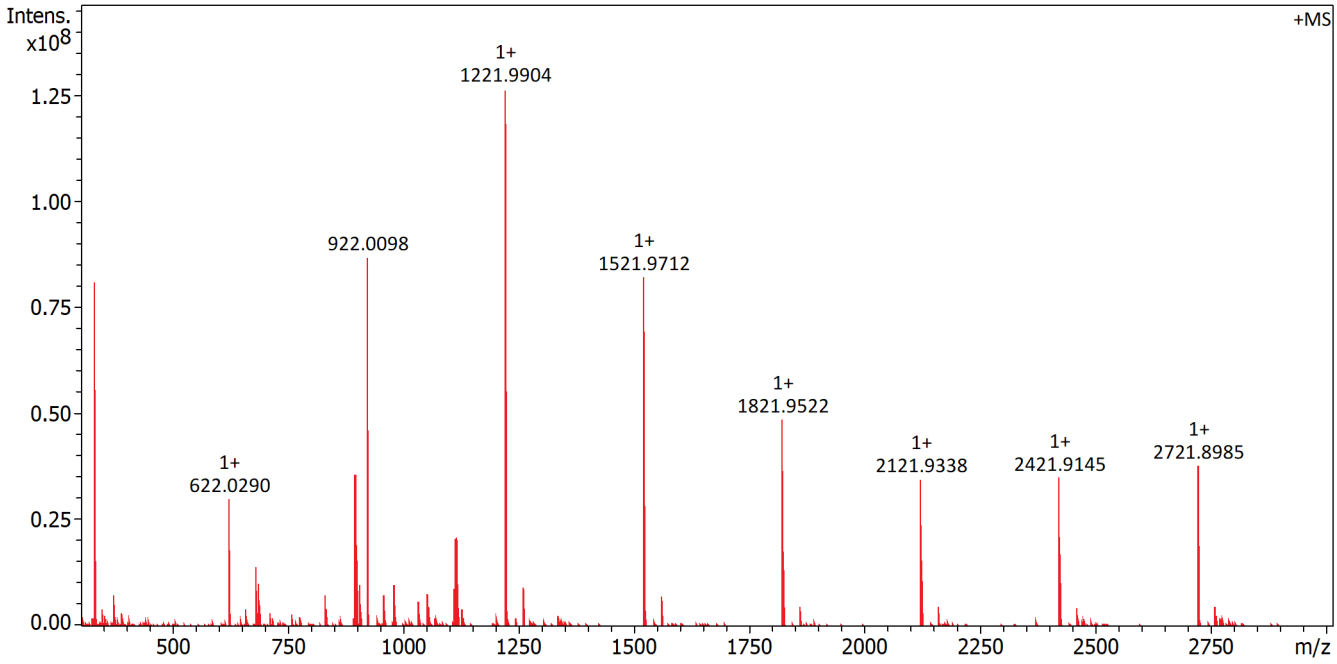
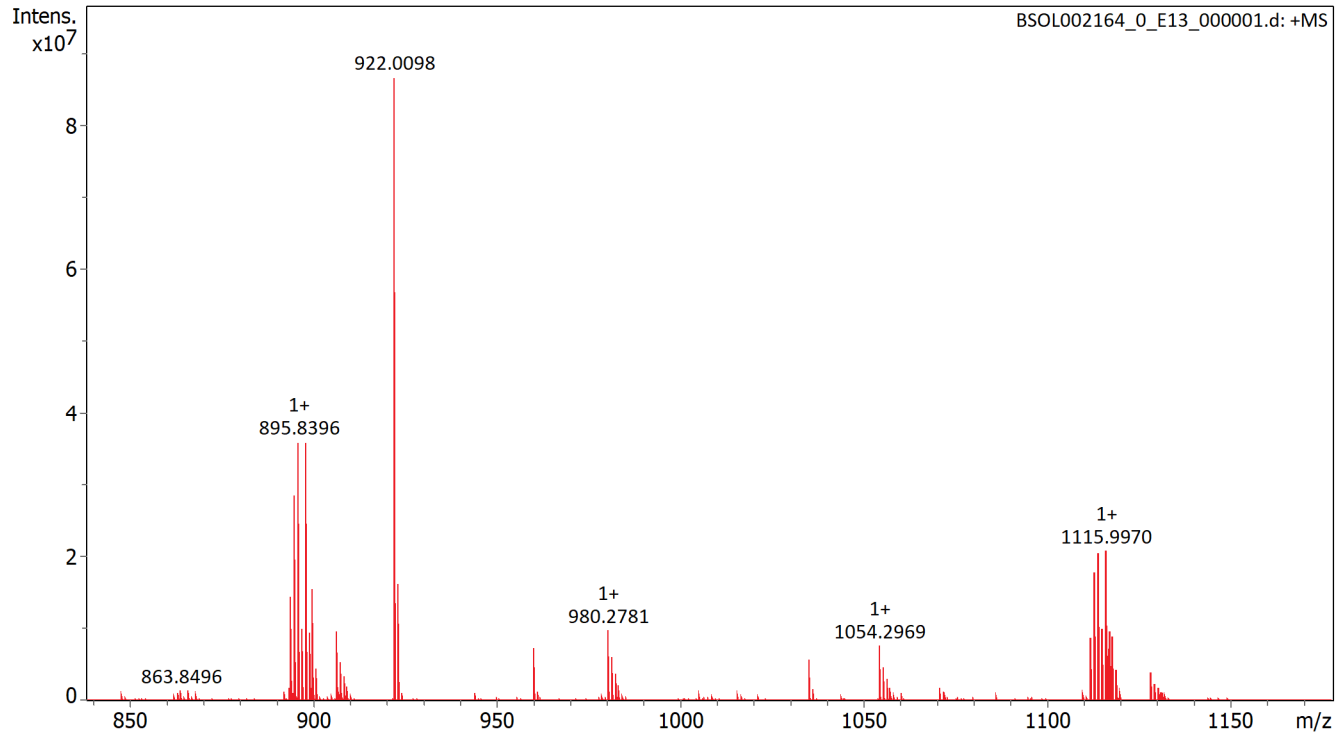
BSOL002164 Michael Bogdos/Morandi - G8-Fdppe - DCM - DCTB 1:10

ETH
Eidgenössische Technische Hochschule Zürich
Swiss Federal Institute of Technology Zurich

Acquisition Parameter

Method:	MALDI_MS_POS_300-3000_2M_16AvScans			Acquisition Date:	12/5/2023 11:06:04 AM
File Name:	D:\Data\ETH Data\BSOL0021xx\BSOL002164_0_E13_000001.d			Operator:	Daniel Wirz
Source	Dual (MALDI/ESI)	Polarity	Positive	Nebulizer Gas	1.0 bar
Broadband Low Mass	303.1 m/z			Drying Gas Flow Rate	4.0 L/min
Broadband High Mass	3000.0 m/z	Laser Power	23.6 lp	Capillary	4500.0 V
No. of Cell Fills	1			Drying Gas	200.0 °C
Apodization	Full-Sine	Time of Flight to Detector	0.002 sec	Temperature	





Evaluation Spectra / Validation Formula:

Calibration Info:

Internal calibration

Date:	12/5/2023 11:08:38 AM
Polarity:	Positive
Calibration spectrum:	+MS: Scan
Reference mass list:	MALDI: DCTB Matrix + HP-Mix (pos)
Calibration mode:	Quadratic
Standard deviation:	0.175 ppm

Reference m/z	Resulting m/z	Intensity	Error [ppm]
118.0863			
250.1464			
251.1543			
273.1362			
322.0481	322.0481	670754	-0.000
332.2009	332.2009	81008560	-0.009
500.2934	500.2935	582163	0.023
501.3013			
523.2832			
622.0290	622.0290	30055438	0.058
750.4404			
751.4483			
773.4302			
922.0098	922.0098	86829232	-0.035
1000.5874			
1001.5953			
1023.5772			
1221.9906	1221.9904	126597168	-0.173
1521.9715	1521.9712	82140984	-0.165
1821.9523	1821.9522	48733832	-0.088
2121.9332	2121.9338	34725820	0.308
2421.9140	2421.9145	34993468	0.196
2721.8948			

Mass List:

#	m/z	Res.	S/N	I %	FWHM
1	332.2009	580765	6814.2	64.0	0.0006
2	333.2042	579476	1733.6	16.3	0.0006
3	374.2114	515509	631.6	5.9	0.0007
4	622.0290	309579	2041.8	23.7	0.0020
5	680.4803	280698	905.8	10.9	0.0024
6	688.4010	277437	651.4	8.0	0.0025
7	832.2405	227337	431.3	5.8	0.0037
8	893.8402	211859	825.8	11.5	0.0042
9	894.8411	219078	1634.7	22.7	0.0041
10	895.8396	200708	2054.3	28.5	0.0045
11	896.8430	206396	575.4	8.0	0.0043
12	897.8401	210387	2038.8	28.3	0.0043
13	898.8434	209906	546.9	7.6	0.0043
14	899.8413	208133	893.9	12.4	0.0043
15	906.2593	207861	550.4	7.7	0.0044
16	922.0098	207417	4886.1	68.6	0.0044
17	923.0132	204733	928.7	13.1	0.0045
18	959.9657	196822	405.4	5.8	0.0049
19	980.2781	190809	544.1	7.8	0.0051
20	1054.2969	177299	414.5	6.1	0.0059
21	1111.9972	166381	469.3	7.0	0.0067
22	1112.9983	162517	947.2	14.2	0.0068
23	1113.9962	184351	1083.3	16.2	0.0060
24	1114.9997	179146	534.7	8.0	0.0062
25	1115.9970	166380	1095.0	16.6	0.0067
26	1117.0004	168826	507.4	7.7	0.0066
27	1117.9981	175639	474.8	7.2	0.0064
28	1221.9904	153705	6432.9	100.0	0.0080
29	1222.9940	153700	1513.2	23.5	0.0080
30	1259.9466	144996	464.7	7.3	0.0087
31	1521.9712	120222	3971.2	64.9	0.0127
32	1522.9749	119666	1209.6	19.8	0.0127
33	1821.9522	99829	2188.5	38.5	0.0183
34	1822.9556	98634	784.7	13.8	0.0185
35	2121.9338	85314	1490.3	27.4	0.0249
36	2122.9372	84186	662.8	12.2	0.0252
37	2421.9145	73918	1326.0	27.6	0.0328
38	2422.9181	73284	653.1	13.6	0.0331
39	2721.8985	66162	1477.0	29.9	0.0411
40	2722.9021	66317	859.3	17.4	0.0411