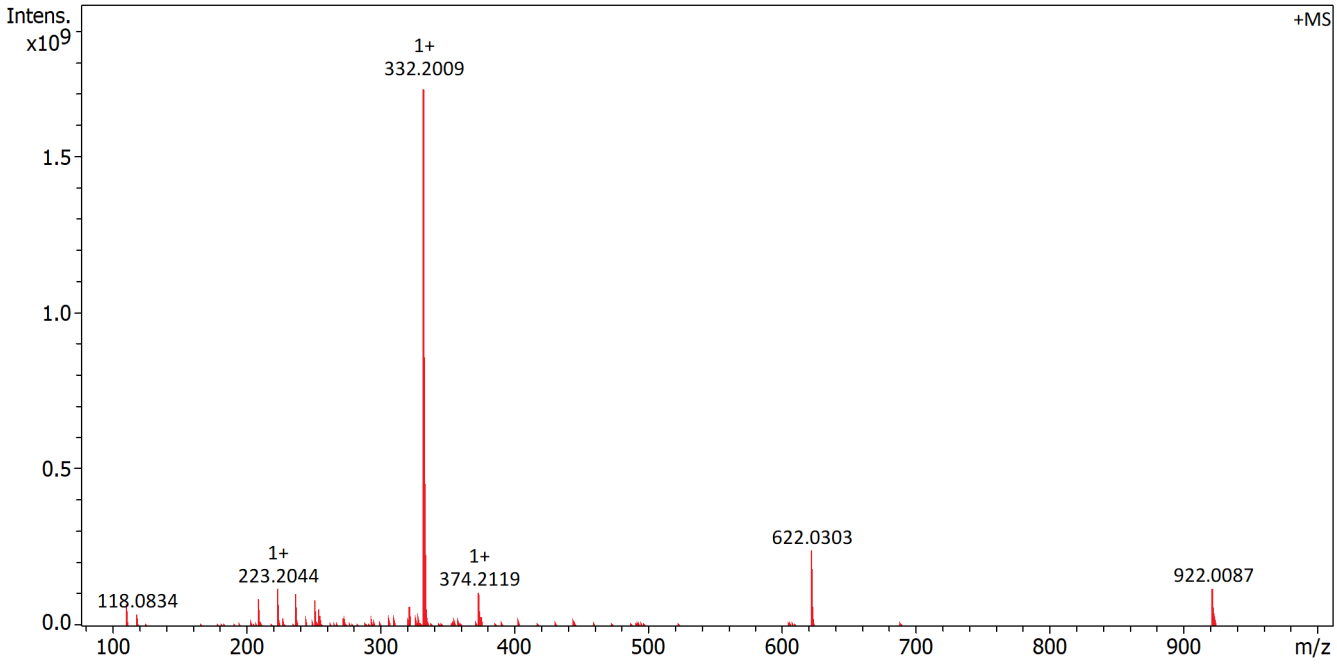
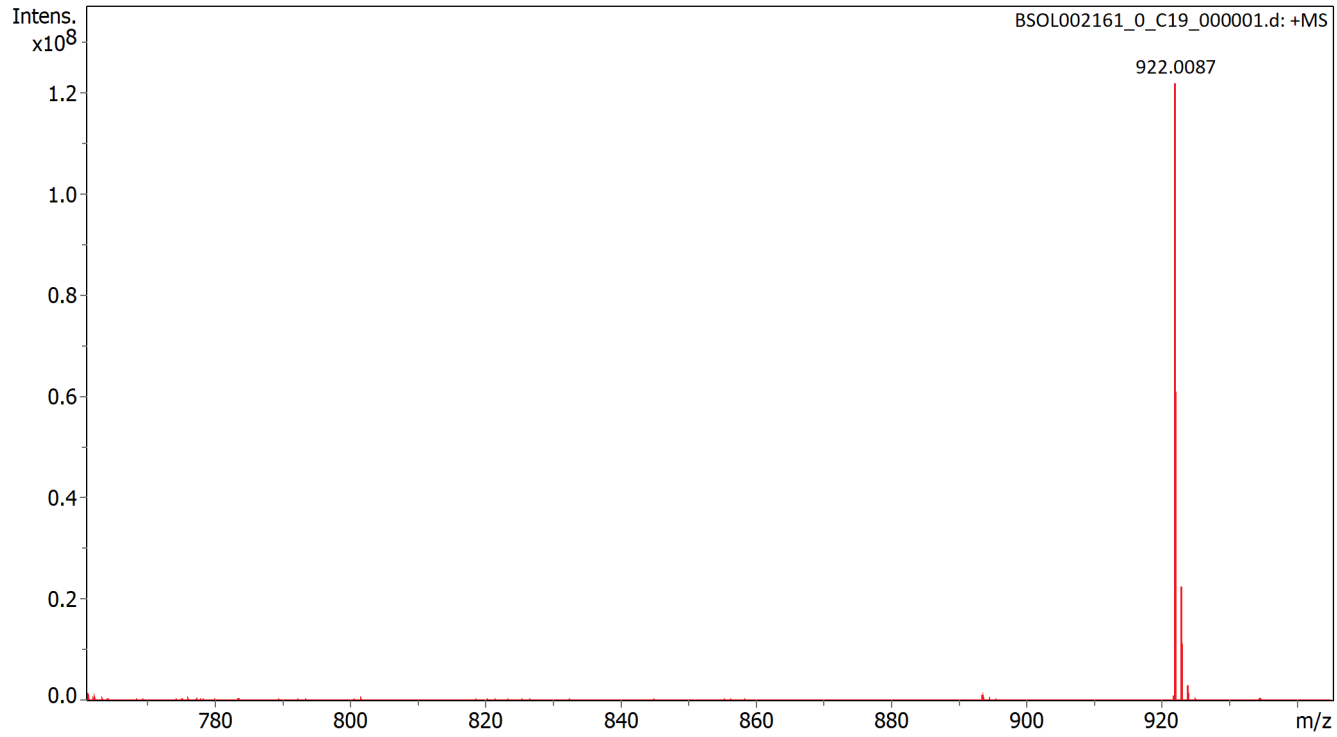
BSOL002161 Michael Bogdos/Morandi - G10-PMes3 - DCM - DCTB 1:10

ETH
Eidgenössische Technische Hochschule Zürich
Swiss Federal Institute of Technology Zurich

Acquisition Parameter

Method:	MALDI_MS_POS_100-1000_2M_16AvScans			Acquisition Date:	12/5/2023 10:41:56 AM
File Name:	D:\Data\ETH Data\BSOL0021xx\BSOL002161_0_C19_000001.d			Operator:	Daniel Wirz
Source	Dual (MALDI/ESI)	Polarity	Positive	Nebulizer Gas	1.0 bar
Broadband Low Mass	77.0 m/z			Drying Gas Flow Rate	4.0 L/min
Broadband High Mass	1000.0 m/z	Laser Power	19.4 lp	Capillary	4500.0 V
No. of Cell Fills	1			Drying Gas Temperature	200.0 °C
Apodization	Full-Sine	Time of Flight to Detector	0.001 sec		





Evaluation Spectra / Validation Formula:

Calibration Info:

Internal calibration

Date:	12/5/2023 10:44:11 AM
Polarity:	Positive
Calibration spectrum:	+MS: Scan
Reference mass list:	MALDI: DCTB Matrix + HP-Mix (pos)
Calibration mode:	Quadratic
Standard deviation:	4.676 ppm

Reference m/z	Resulting m/z	Intensity	Error [ppm]
118.0863			
250.1464			
251.1543			
273.1362			
322.0481			
332.2009	332.2009	1738061440	0.172
500.2934	500.2947	2911548	2.590
501.3013	501.2981	1160023	-6.344
523.2832	523.2845	4763360	2.528
622.0290	622.0303	241525184	2.138
750.4404			
751.4483			
773.4302			
922.0098	922.0087	122537448	-1.205
1000.5874			
1001.5953			
1023.5772			
1221.9906			
1521.9715			
1821.9523			
2121.9332			
2421.9140			
2721.8948			

Mass List:

#	m/z	Res.	S/N	I %	FWHM
1	118.0834	418801	2219.0	2.3	0.0003
2	203.1415	245512	580.2	0.7	0.0008
3	209.1886	237573	4112.3	5.1	0.0009
4	210.1920	236033	573.5	0.7	0.0009
5	223.2044	222158	5411.5	6.9	0.0010
6	224.2078	221642	853.0	1.1	0.0010
7	227.2358	218406	1174.4	1.5	0.0010
8	237.2203	209140	4669.6	6.1	0.0011
9	238.2237	208365	791.0	1.0	0.0011
10	244.2626	203102	952.4	1.3	0.0012
11	249.2204	198152	628.9	0.8	0.0013
12	251.2361	197190	3574.9	4.8	0.0013
13	252.2395	197110	658.2	0.9	0.0013
14	254.1895	194733	2421.3	3.2	0.0013
15	255.2675	194034	1412.4	1.9	0.0013
16	272.2942	182117	1126.7	1.5	0.0015
17	273.1357	181405	1012.5	1.4	0.0015
18	293.2836	169112	873.2	1.2	0.0017
19	295.2992	167395	512.4	0.7	0.0018
20	307.2994	161308	638.0	1.0	0.0019
21	310.2376	159733	759.2	1.1	0.0019
22	321.3152	154027	498.8	0.8	0.0021
23	322.0481	153761	2419.8	3.8	0.0021
24	327.0082	151267	745.4	1.2	0.0022
25	329.0053	150487	809.0	1.3	0.0022
26	332.1983	358019	6171.2	10.0	0.0009
27	332.2009	149771	62016.2	100.0	0.0022
28	333.2044	148720	16248.8	26.2	0.0022
29	334.2077	145223	1981.3	3.2	0.0023
30	335.3310	148029	517.9	0.8	0.0023
31	356.0503	139155	530.4	0.9	0.0026
32	358.0507	138293	568.5	0.9	0.0026
33	374.2119	132193	4159.1	6.3	0.0028
34	375.2153	130997	1116.9	1.7	0.0029
35	403.2193	122831	475.8	0.7	0.0033
36	444.2907	111515	576.7	0.9	0.0040
37	622.0303	79370	8024.3	13.9	0.0078
38	623.0337	80335	1052.6	1.8	0.0078
39	922.0087	53585	3497.6	7.1	0.0172
40	923.0122	53912	654.1	1.3	0.0171