



REDE DE INFRAESTRUTURAS DE APOIO
À INVESTIGAÇÃO
E O DESENVOLVIMENTO TECNOLÓGICO
(RIAIDT)

RIAIDT
UNIDADE DE ESPECTROMETRIA DE MASAS E PROTEÓMICA

Edifício CACTUS * Campus Universitario Sur
15782 Santiago de Compostela (Spain)

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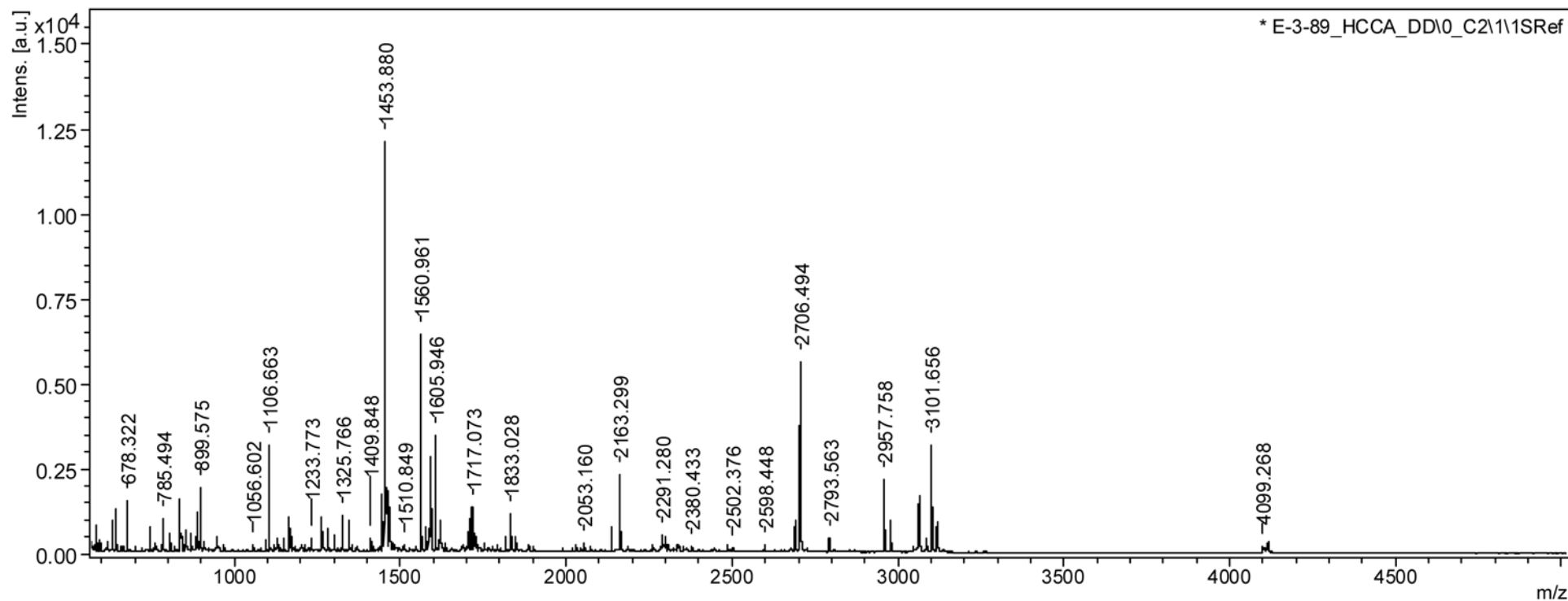
E-mail: sxemasas@usc.es

Web: <http://www.ti.usc.es/riaidt/masas/masas.htm>

MALDI-TOF

Acquisition Parameter

Analysis Name	E-3-89_HCCA_DD\0_C2\1	Instrument	ULTFLEX
Date of acquisition	2017-06-01T13:28:12.031+02:00	Acquisition method name	D:\Methods\flexControlMethods\RP_Proteomics_HPC_egf.par



m/z	SN	Res.	Intens.	Area	Bk. Peak
618.272	7.2	5885	262.40	42	false
619.307	7.1	7990	261.62	31	false
632.320	27.2	7161	993.62	138	false
644.323	34.7	7595	1268.50	170	false
650.046	6.1	8239	220.22	27	false
678.322	45.0	7991	1569.00	156	false
744.431	21.9	7740	802.05	130	false
760.430	7.3	6710	267.37	50	false
785.494	26.1	6969	954.45	181	false
805.471	16.3	7749	607.72	110	false
809.505	7.4	6601	274.98	57	false
836.511	33.5	8220	1231.31	218	false
837.497	26.6	7863	989.46	182	false
841.527	10.4	6143	380.73	90	false
843.471	12.6	7168	467.86	104	false
854.515	15.8	8354	584.01	106	false
868.544	13.3	8665	491.83	86	false
886.518	12.9	7714	478.31	98	false
887.503	24.8	8470	923.56	176	false
892.550	25.3	8407	936.75	180	false
898.572	27.6	7870	1032.92	213	false
899.575	35.8	8153	1321.15	266	false
908.562	7.8	6718	289.73	70	false
946.511	10.0	8765	371.29	77	false
954.568	5.9	9661	217.91	39	false
970.566	6.6	8449	247.17	52	false
1056.602	5.9	9980	230.08	47	false
1095.655	11.0	8204	428.43	114	false
1105.681	44.6	9653	1733.03	402	false
1106.663	56.5	9436	2182.22	529	false
1121.702	6.2	7991	240.21	69	false
1132.592	10.4	9950	406.24	98	false
1149.661	11.8	11143	438.00	50	false
1162.717	31.4	9745	1243.94	314	false
1170.664	18.7	9988	739.95	182	false
1184.681	5.3	8615	197.00	30	false
1202.692	7.1	10437	269.00	37	false
1214.710	7.1	8924	284.04	83	false
1233.773	8.7	9975	355.76	96	false
1261.746	25.7	10445	1048.13	280	false
1267.782	14.1	10571	577.05	157	false
1281.735	15.9	11816	666.98	164	false
1301.744	12.9	11295	534.21	138	false
1325.766	26.0	11034	1075.96	297	false
1343.794	23.6	11434	962.74	264	false
1369.794	4.6	11434	195.42	55	false
1409.848	9.7	11427	400.51	120	false

m/z	SN	Res.	Intens.	Area	Bk. Peak
1417.859	6.6	10108	275.08	93	false
1446.901	24.2	11672	1034.12	318	false
1447.888	16.2	9348	684.35	260	false
1453.880	289.8	11165	12136.49	4063	false
1459.826	45.1	11896	1891.20	599	false
1465.834	43.2	12028	1809.31	556	false
1469.874	14.1	12092	593.70	185	false
1475.861	8.4	11237	356.88	118	false
1510.849	5.1	12431	203.00	30	false
1560.961	160.5	11828	6788.08	2428	false
1562.967	24.0	9788	1014.92	423	false
1566.900	10.2	13138	430.29	135	false
1576.892	14.1	12069	586.67	211	false
1586.908	11.6	12414	481.07	174	false
1592.894	54.3	12445	2265.21	804	false
1594.913	29.5	11322	1227.81	480	false
1605.946	75.6	12264	3144.94	1156	false
1615.954	7.6	11370	316.00	122	false
1621.938	21.3	13122	886.44	308	false
1636.925	6.9	11451	287.18	113	false
1691.926	5.2	10680	214.66	103	false
1706.927	20.0	12676	829.80	345	false
1708.920	4.3	7835	180.13	131	false
1717.073	32.0	13176	1321.05	518	false
1727.022	12.3	12522	508.74	206	false
1736.990	6.0	13208	241.00	35	false
1751.974	5.4	11077	221.42	109	false
1778.509	4.5	7485	183.00	57	false
1794.502	3.8	5074	153.94	188	false
1817.034	11.9	13107	484.38	214	false
1833.028	25.9	14115	1087.58	462	false
1849.019	10.5	14425	435.91	186	false
1889.074	4.2	13423	168.66	79	false
1901.029	3.1	13123	126.50	19	false
2020.174	3.3	12253	134.00	23	false
2029.074	5.5	11295	224.00	42	false
2053.160	7.7	15875	312.00	53	false
2075.147	4.5	13373	181.00	28	false
2106.194	2.9	13340	115.00	22	false
2135.218	19.9	14357	666.03	331	false
2163.299	58.3	14520	1921.50	975	false
2263.335	5.1	12339	197.00	40	false
2291.280	13.2	12837	511.00	97	false
2297.318	11.9	14217	354.03	196	false
2306.274	6.3	12574	189.56	126	false
2337.397	6.5	11938	249.00	55	false
2352.370	4.5	14045	173.00	25	false

m/z	SN	Res.	Intens.	Area	Bk. Peak
2380.433	5.2	10772	197.00	43	false
2502.376	4.6	11763	116.20	91	false
2598.448	6.8	13210	239.00	56	false
2675.533	3.5	11247	120.00	31	false
2690.499	28.2	10769	618.84	571	false
2706.494	154.6	11093	3358.69	3023	false
2729.448	4.7	11827	158.00	42	false
2793.563	14.7	10982	295.00	277	false
2808.613	3.5	12097	111.00	31	false
2853.706	3.6	9611	110.00	27	false
2869.743	2.8	8358	86.00	30	false
2957.758	67.3	10581	1141.29	1211	false
2977.593	36.3	10129	600.58	678	false
3062.883	59.1	5571	847.05	2068	false
3069.699	4.1	5090	58.15	156	false
3085.648	14.5	7455	207.99	393	false
3101.656	123.5	9584	1811.63	2361	false
3117.651	33.3	9600	486.00	645	false
3123.634	4.4	8034	61.54	110	false
4099.268	10.7	11713	138.00	57	false
4105.299	11.1	9238	50.86	108	false
4115.182	24.3	10595	111.22	205	false
4128.407	4.9	10108	61.00	27	false



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MALDI-TOF

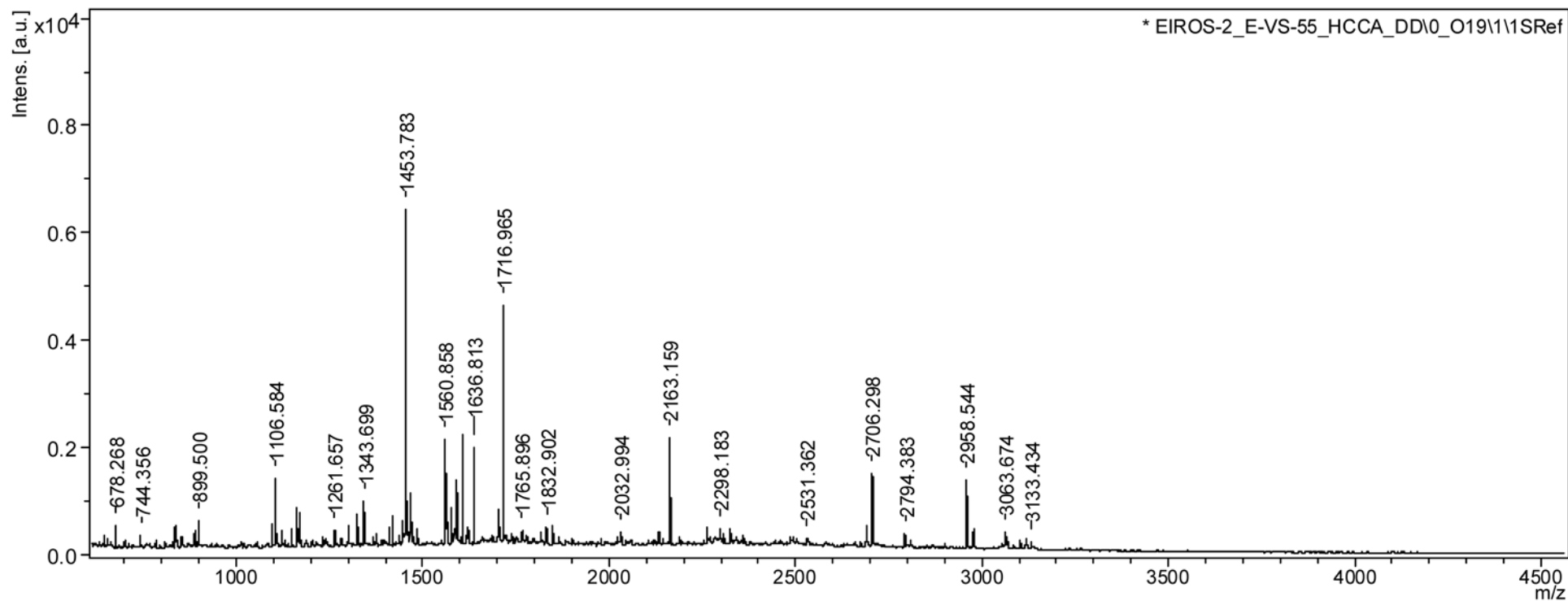
Acquisition Parameter

Analysis Name EIOS-2_E-VS-55_HCCA_DD\0_O19\1

Instrument

ULTFLEX

Date of acquisition 2016-09-06T13:46:16.015+02:00



m/z	SN	Quality Fac.	Res.	Intens.	Area	Bk. Peak
644.255	4.4	121	4409	260.33	58	false
655.986	3.4		5844	207.00	32	false
678.268	7.6	668	4814	447.45	101	false
705.270	3.6		6372	219.00	31	false
744.356	4.5	141	5632	264.89	61	false
785.416	3.4		5072	207.00	41	false
836.417	3.9	126	5081	229.29	78	false
837.423	6.0	271	6358	354.52	88	false
853.435	4.6		5841	277.00	49	false
887.445	5.6		4756	340.00	68	false
898.496	5.7	434	5479	336.55	100	false
899.500	6.8	549	6022	401.96	109	false
1096.565	4.7	249	7505	290.51	95	false
1105.603	9.3	1136	6606	572.85	209	false
1106.584	15.4	5132	6985	953.04	324	false
1121.615	4.9	353	7306	303.26	99	false
1149.571	6.0	369	8123	371.67	120	false
1162.635	6.6	606	8030	411.63	135	false
1163.618	8.1	1052	8122	515.81	166	false
1170.572	10.5	2820	8698	666.04	208	false
1233.681	3.9		9015	255.00	40	false
1261.657	5.9	242	9409	381.19	118	false
1267.690	5.4	628	8390	359.66	127	false
1301.651	6.3	569	8848	426.87	156	false
1325.673	8.5	2520	10623	566.89	175	false
1343.699	12.8	8656	9342	860.42	309	false
1369.704	3.9		10659	257.75	39	false
1374.768	4.0	111	8046	271.62	111	false
1409.750	5.6	617	9132	384.48	152	false
1417.755	9.1	3581	9876	628.43	235	false
1435.753	3.1	74	9848	212.28	82	false
1447.788	6.5	606	8536	459.51	198	false
1453.783	94.5	177694	9985	6555.95	2531	false
1459.736	11.9	4425	10272	830.57	310	false
1465.733	16.4	12062	10828	1141.29	411	false
1485.809	5.9	455	9853	411.03	162	false
1560.858	29.2	27329	10683	2105.18	848	false
1562.842	5.5	368	6878	385.71	250	false
1566.782	6.0	804	12069	426.64	155	false
1576.782	9.1	1030	10838	646.96	269	false
1584.813	3.2	311	3741	227.76	321	false
1592.782	17.4	7273	10374	1229.36	545	false
1605.844	9.8	1018	8669	694.46	392	false
1606.836	17.7	12173	10600	1259.38	552	false
1621.814	5.4	88	10164	393.73	197	false
1636.813	26.1	44258	12746	1861.58	718	false
1700.886	3.3	51	6082	236.83	212	false

m/z	SN	Quality Fac.	Res.	Intens.	Area	Bk. Peak
1702.375	8.6	1243	6781	618.26	514	false
1716.965	58.5	84055	10916	4188.17	2056	false
1738.922	3.2	101	10640	232.61	114	false
1765.896	4.8	69	10219	342.58	200	false
1816.903	3.7	128	12239	272.32	137	false
1832.902	6.0	600	12452	428.03	219	false
1848.905	5.2	420	12353	376.84	194	false
1865.028	3.1		6306	223.00	61	false
2032.994	3.6	80	11285	234.49	153	false
2163.159	26.5	17382	12833	1537.68	913	false
2189.179	2.7		11296	190.00	41	false
2263.180	4.9	110	11852	269.53	188	false
2298.183	5.6		12120	384.00	89	false
2310.236	4.4		12661	296.00	59	false
2325.209	5.2	146	12070	264.56	185	false
2362.296	3.7		10929	244.00	70	false
2493.330	3.1	59	8582	137.06	152	false
2531.362	2.4		11239	152.50	34	false
2690.305	8.1	754	10918	302.05	302	false
2706.298	26.0	1685	11724	951.78	872	false
2794.383	5.5		12314	306.00	83	false
2809.356	3.7		19868	197.00	35	false
2902.520	2.6		19260	130.00	29	false
2958.544	26.9	2126	12140	773.50	773	false
2977.386	8.6	155	11234	239.94	266	false
3063.674	7.0	128	5401	177.36	391	false
3070.454	3.3	114	8580	83.11	130	false
3102.468	4.0	120	8681	94.98	155	false
3116.449	4.0	54	9083	94.26	151	false
3133.434	3.3	90	11937	77.65	94	false



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MALDI-TOF

Acquisition Parameter

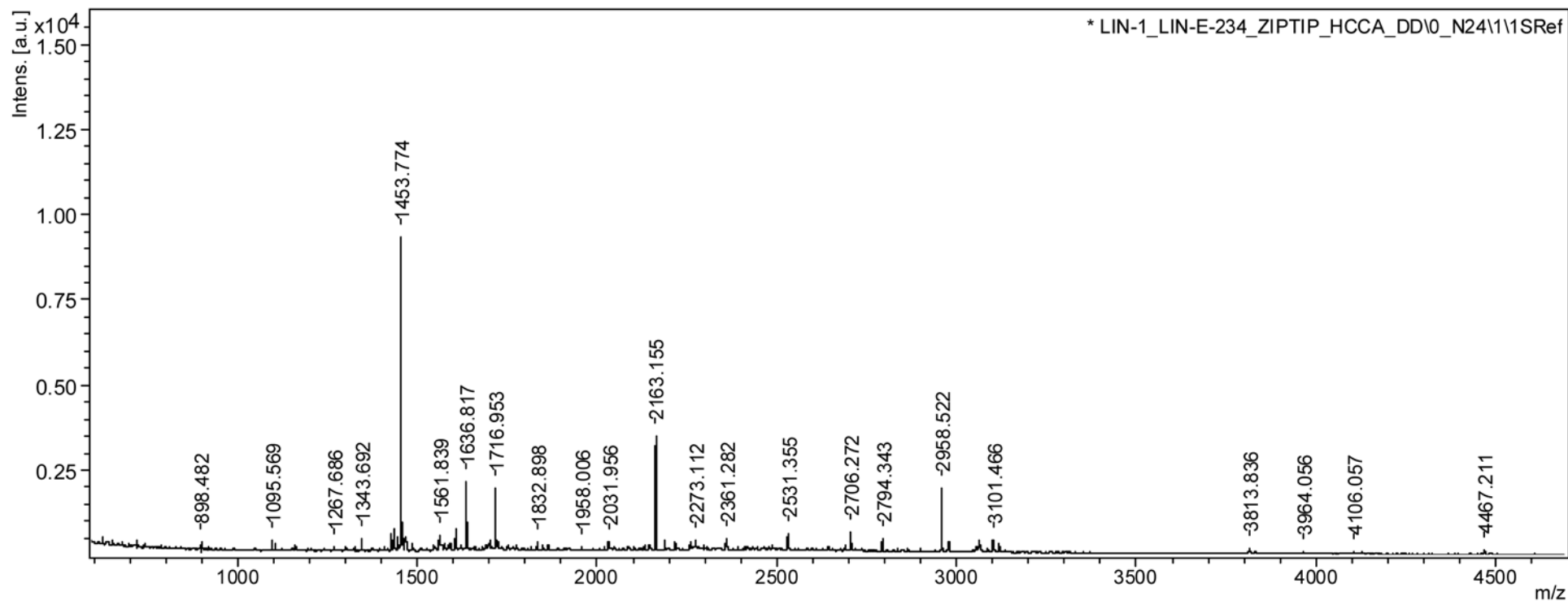
Analysis Name LIN-1_LIN-E-234_ZIPTIP_HCCA_DD\0_N24\1

Instrument

ULTFLEX

Date of acquisition

2016-09-06T14:07:56.734+02:00



m/z	SN	Quality Fac.	Res.	Intens.	Area	Bk. Peak
898.482	2.9		6027	221.00	35	false
1095.569	5.0	413	5642	304.97	138	false
1106.567	4.0	103	5476	245.62	111	false
1162.604	3.5	84	6876	207.47	87	false
1242.672	2.4		7522	155.00	31	false
1267.686	2.7		6909	177.50	34	false
1301.647	3.1		6702	201.50	43	false
1325.674	2.9		5532	191.00	45	false
1343.692	6.8	1132	7367	398.60	186	false
1429.774	8.2	2343	8509	485.77	219	false
1435.756	11.4	3547	8943	677.80	296	false
1446.787	7.3	832	7891	430.96	220	false
1453.774	160.9	191968	8161	9491.56	4629	false
1459.727	4.5	396	7110	268.66	153	false
1465.721	5.9	1234	8557	352.58	165	false
1485.807	3.9	169	7262	231.39	131	false
1561.839	6.8	523	7730	405.50	236	false
1576.798	3.4	155	7267	199.02	128	false
1592.773	4.2	220	8967	248.15	136	false
1604.819	3.8	116	7671	223.78	150	false
1606.838	9.3	1134	8362	555.81	313	false
1636.817	35.0	85130	8573	2111.59	1220	false
1698.908	3.5	88	7569	213.02	156	false
1702.389	5.1	384	5574	305.94	305	false
1716.953	30.1	29437	8502	1811.36	1147	false
1726.885	3.9	208	8496	233.20	161	false
1832.898	4.6	428	8860	280.06	210	false
1848.873	3.0	186	8944	181.67	141	false
1865.022	3.2	153	6794	192.36	185	false
1958.006	2.5		10714	170.00	33	false
2031.956	4.4	96	5171	221.88	345	false
2145.119	3.4	74	7866	169.14	170	false
2163.155	56.3	66433	9604	2824.76	2268	false
2189.188	5.1	211	8392	250.88	241	false
2216.093	5.0	608	9153	241.45	218	false
2263.171	4.2	112	9261	199.89	180	false
2273.112	5.5	131	8935	259.63	243	false
2354.183	3.3	64	6815	140.43	191	false
2361.282	5.5	373	8165	241.98	260	false
2393.201	2.8		10164	181.00	45	false
2488.330	3.3		7939	206.00	78	false
2531.355	9.3	692	9832	361.05	354	false
2643.407	2.9		11688	172.75	52	false
2689.279	3.2	51	7440	107.42	162	false
2706.272	11.1	193	9106	373.13	456	false
2794.343	7.0	191	9145	217.80	269	false
2955.499	5.3	53	8398	139.63	213	false

m/z	SN	Quality Fac.	Res.	Intens.	Area	Bk. Peak
2958.522	39.8	3364	9676	1070.44	1363	false
2977.365	4.7		11673	222.00	73	false
3054.544	3.9	70	5725	88.88	219	false
3062.622	4.3		6856	193.00	108	false
3085.532	1.7		6221	75.00	34	false
3101.466	8.9	147	7335	202.09	396	false
3117.398	6.1	157	7691	134.78	259	false
3813.836	5.2	68	8855	55.32	120	false
3829.898	1.7		9562	45.00	18	false
3964.056	1.9		8403	47.00	16	false
4106.057	2.9		10865	62.00	28	false
4126.020	2.1		22206	45.00	11	false
4467.211	5.8	149	8400	30.67	94	false
4483.348	1.2		7511	23.00	14	false



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MALDI-TOF

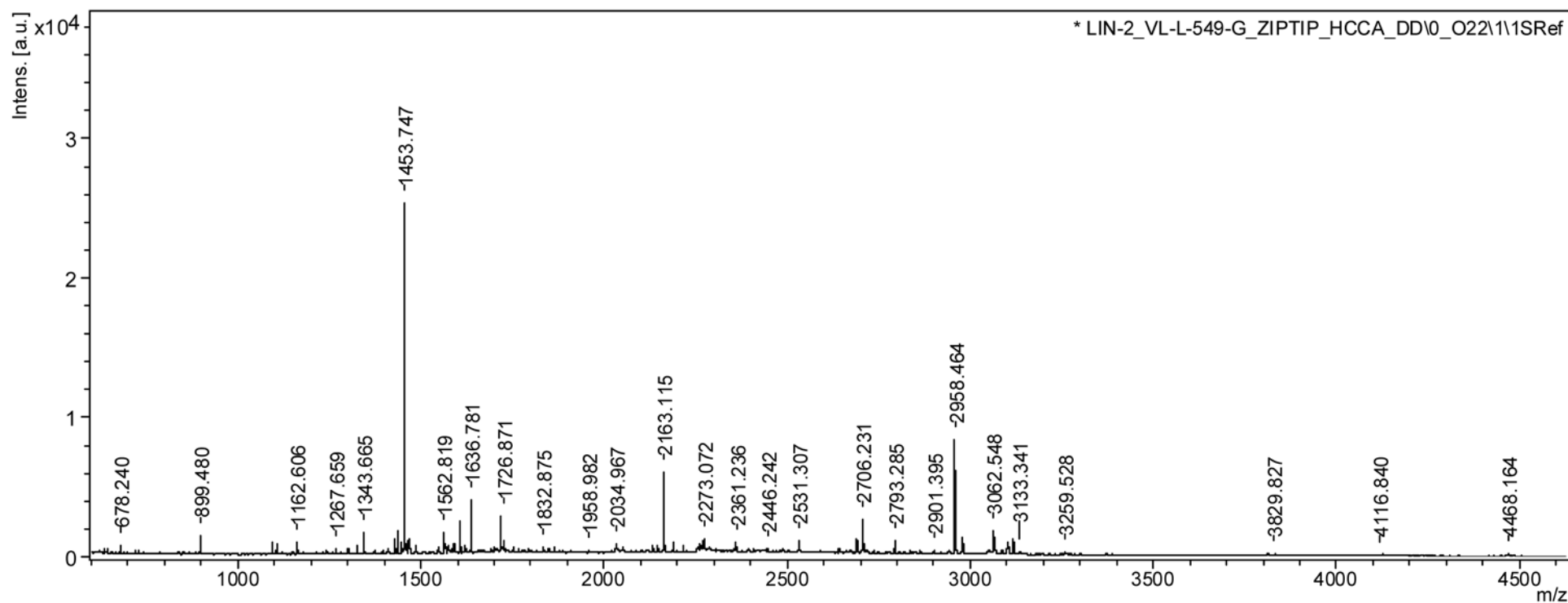
Acquisition Parameter

Analysis Name LIN-2_VL-L-549-G_ZIPTIP_HCCA_DD\0_O22\1

Instrument

ULTFLEX

Date of acquisition 2016-09-06T14:09:09.984+02:00



m/z	SN	Quality Fac.	Res.	Intens.	Area	Bk. Peak
636.239	5.3	283	4907	436.59	96	false
644.244	4.2		4628	403.50	65	false
678.240	8.0	774	5766	656.63	129	false
722.297	3.4		5811	314.75	47	false
731.338	3.7	86	5390	298.18	67	false
887.429	3.0	96	6122	234.30	62	false
892.450	3.4	93	6109	263.43	70	false
898.467	5.2	302	5564	398.05	121	false
899.480	14.8	5366	6209	1136.99	310	false
1095.542	10.6	2625	8246	839.08	243	false
1105.580	4.0	114	7209	310.05	98	false
1106.549	8.1	749	7774	637.50	201	false
1162.606	12.5	582	8688	1009.94	295	false
1267.659	5.7	577	10170	493.65	147	false
1298.612	3.1	244	8974	271.72	98	false
1301.617	4.3	382	9261	378.94	130	false
1325.640	7.5	916	10589	665.24	205	false
1343.665	18.1	12822	10549	1602.95	502	false
1374.731	3.6	190	11488	328.33	94	false
1396.697	3.3	222	10230	309.78	103	false
1409.734	5.0	258	7908	461.13	211	false
1429.739	12.2	3344	10454	1137.76	397	false
1435.730	16.7	7902	11075	1582.24	532	false
1446.760	10.3	1193	9916	969.39	368	false
1453.747	276.0	223387	9973	25954.00	10160	false
1459.694	8.0	1638	9395	756.77	312	false
1465.694	11.5	2009	11538	1097.91	375	false
1485.774	5.8	761	10274	556.70	205	false
1545.769	3.6	51	11134	350.15	135	false
1549.776	5.5	351	10727	536.70	209	false
1562.819	15.1	4947	10335	1517.28	634	false
1565.746	4.8	103	11314	489.11	189	false
1569.750	3.1	192	11547	311.33	117	false
1576.758	5.7	476	10005	572.51	262	false
1585.761	3.5	134	7889	355.55	226	false
1590.787	3.3	74	8085	338.17	205	false
1592.751	6.6	411	10555	670.54	295	false
1604.800	5.7	129	10611	582.78	265	false
1606.795	18.9	10553	11672	1912.52	763	false
1620.767	3.4	138	12259	340.75	144	false
1622.802	3.4	144	15202	349.80	102	false
1636.781	37.2	178206	11048	3808.34	1708	false
1702.328	4.2	65	7091	446.32	364	false
1726.871	8.9	1797	12778	947.08	388	false
1753.883	4.9	244	10756	517.43	253	false
1765.867	4.0	164	10441	422.50	233	false
1795.903	3.2	145	11865	340.02	165	false

m/z	SN	Quality Fac.	Res.	Intens.	Area	Bk. Peak
1816.877	3.5	93	12044	373.83	181	false
1832.875	4.8	265	11247	519.28	287	false
1848.884	3.6	230	11625	388.75	206	false
1864.988	3.2	102	6230	344.38	336	false
1958.982	3.3		10475	351.00	71	false
2031.930	4.2	240	9018	429.61	371	false
2034.967	6.3	743	11187	636.34	409	false
2051.992	4.4	177	13406	446.02	231	false
2132.048	5.2	449	8011	502.97	485	false
2135.027	3.2	261	12210	309.06	182	false
2145.099	4.8	88	12809	453.57	261	false
2163.115	51.4	46421	12492	4873.25	2947	false
2189.158	7.0	1077	11079	648.45	437	false
2216.066	5.2	184	12617	476.86	308	false
2263.128	5.8	119	11561	513.07	373	false
2273.072	8.5	244	11427	749.14	563	false
2290.072	3.1	69	12711	266.00	184	false
2361.236	7.0	230	11682	579.26	425	false
2393.121	3.1	79	13065	256.85	178	false
2446.242	4.0		10532	421.00	99	false
2531.307	9.7	1589	11623	710.74	571	false
2642.312	3.1	58	9769	204.04	222	false
2673.253	2.8		11104	279.50	81	false
2689.219	7.5	56	11823	476.11	443	false
2706.231	27.6	2703	11640	1719.51	1570	false
2719.310	3.4		9536	327.50	106	false
2793.285	10.7	476	12531	607.86	547	false
2862.295	3.0	60	12548	161.80	159	false
2901.395	3.4	143	11987	170.91	173	false
2941.465	3.6		10320	305.00	90	false
2955.452	9.6	60	10216	451.45	572	false
2958.464	93.7	4593	11591	4408.55	4649	false
2977.289	15.5	469	11630	712.10	785	false
3046.517	2.7		8244	212.00	98	false
3054.361	3.7		13661	291.00	100	false
3062.548	22.1	410	5874	862.98	2051	false
3069.340	4.5	315	7821	179.34	333	false
3086.395	4.6	85	8054	183.27	322	false
3102.378	12.6	119	10040	501.50	687	false
3117.354	14.0	149	12083	550.21	628	false
3120.371	4.0	418	11270	158.33	192	false
3133.341	3.2	69	12571	125.17	143	false
3259.528	3.0		14846	207.75	54	false
3300.555	1.9		9864	126.00	45	false
3814.773	4.5	70	10302	73.48	128	false
3829.827	1.8		10833	76.00	20	false
4097.785	3.2	64	9830	36.11	80	false

m/z	SN	Quality Fac.	Res.	Intens.	Area	Bk. Peak
4116.840	3.7		32613	123.00	40	false
4127.022	3.7		11662	123.00	43	false
4468.164	5.5	62	10495	45.64	99	false
4483.142	4.6	105	12218	37.47	74	false



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MALDI-TOF

Acquisition Parameter

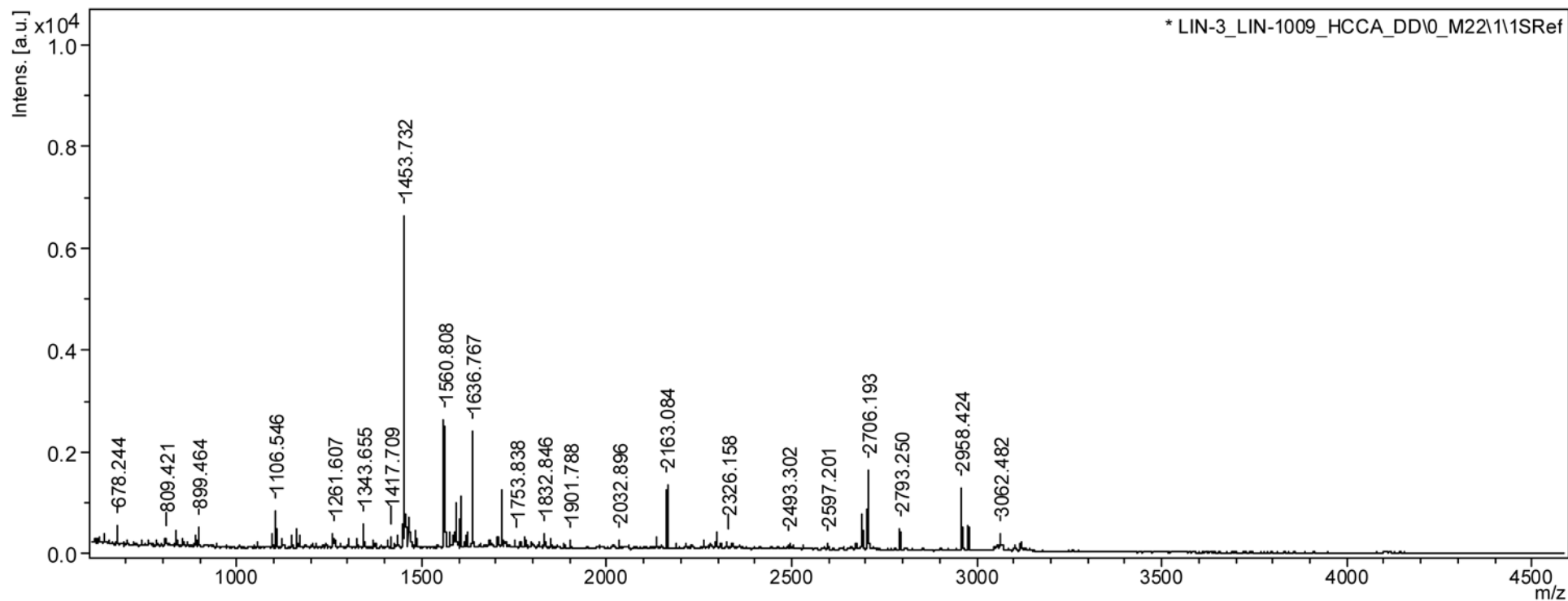
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Instrument

ULTFLEX

Date of acquisition

2016-09-06T13:58:20.984+02:00



m/z	SN	Quality Fac.	Res.	Intens.	Area	Bk. Peak
644.248	3.4	89	4437	228.16	51	false
678.244	6.7	398	5782	446.57	83	false
705.238	2.7		5633	188.00	31	false
742.558	2.6		8762	173.25	22	false
760.327	2.6		5451	178.00	31	false
785.383	2.7		5946	179.00	26	false
809.421	3.6	54	5929	222.60	51	false
836.414	3.1	149	5643	188.76	48	false
837.406	4.4	152	6160	273.12	70	false
853.412	3.3		6243	206.00	33	false
892.435	4.5	162	7074	269.61	66	false
899.464	6.0	377	6929	360.71	95	false
1056.472	3.0		7912	175.00	26	false
1095.533	6.2	649	7525	340.97	116	false
1105.565	6.4	504	7129	349.35	119	false
1106.546	9.6	2129	8231	531.57	158	false
1121.586	3.4	93	6827	184.91	63	false
1150.546	3.5	145	8630	189.21	59	false
1162.588	8.4	199	8908	451.36	137	false
1170.538	5.0	393	9038	271.94	82	false
1207.593	2.8		7962	155.00	26	false
1261.607	5.7	393	8493	302.73	111	false
1301.609	4.0	192	9495	211.24	71	false
1325.619	4.5	200	11209	237.73	69	false
1343.655	9.2	3997	9676	492.49	168	false
1369.654	3.8	185	10305	201.60	63	false
1417.709	4.3	305	10521	230.44	81	false
1435.705	4.9	360	10348	258.59	94	false
1446.755	9.8	785	9603	507.92	199	false
1453.732	123.4	123004	11061	6480.24	2275	false
1459.683	10.5	5019	11623	558.07	183	false
1465.681	12.4	9014	10493	643.06	238	false
1485.771	6.2	499	11379	321.33	110	false
1560.808	53.2	20206	11389	2733.38	1058	false
1565.733	7.0	431	11018	360.21	152	false
1576.737	6.9	440	10525	357.13	154	false
1585.744	5.1	123	7781	266.07	173	false
1592.720	16.4	10351	11315	840.43	353	false
1605.778	12.5	3841	11541	638.46	262	false
1606.759	7.9	617	8185	403.44	230	false
1621.759	6.2	328	11238	318.21	143	false
1636.767	46.4	94235	11615	2390.06	1019	false
1658.777	2.5		14084	134.00	23	false
1702.329	4.5	101	5209	228.87	248	false
1753.838	3.7		8738	196.00	42	false
1765.832	3.4	62	9324	172.54	113	false
1778.337	5.4		6991	285.00	76	false

m/z	SN	Quality Fac.	Res.	Intens.	Area	Bk. Peak
1794.324	3.4		11592	175.00	40	false
1816.856	2.7		9643	141.00	30	false
1832.846	5.8	864	13250	287.11	135	false
1848.829	4.0	319	11235	201.76	120	false
1886.842	2.9		13371	150.00	30	false
1901.788	4.4		10751	226.00	42	false
2032.896	4.6	372	11609	198.81	130	false
2134.993	5.2	569	10121	208.36	164	false
2163.084	26.7	21394	11637	1049.07	688	false
2188.129	2.9		6901	137.00	41	false
2217.054	3.3		14344	157.00	32	false
2229.042	2.8		12938	134.00	32	false
2263.084	3.9	52	9603	142.36	126	false
2326.158	4.1		11600	185.00	55	false
2342.129	3.4		12322	154.00	42	false
2493.302	2.8		8572	120.00	33	false
2597.201	3.3	171	9198	92.14	106	false
2673.182	4.0	71	8779	102.21	128	false
2690.191	18.2	258	9930	470.16	514	false
2706.193	43.2	762	10736	1097.97	1099	false
2793.250	11.0	268	11261	255.06	257	false
2958.424	34.8	2293	10515	684.66	789	false
2977.250	14.9	309	10616	287.68	346	false
3047.522	3.0	131	4558	54.98	140	false
3062.482	10.0	249	5639	164.48	413	false
3068.299	3.3	97	5793	53.41	135	false
3101.262	2.5		11546	75.00	21	false
3117.289	5.3	50	10514	89.87	118	false



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MALDI-TOF

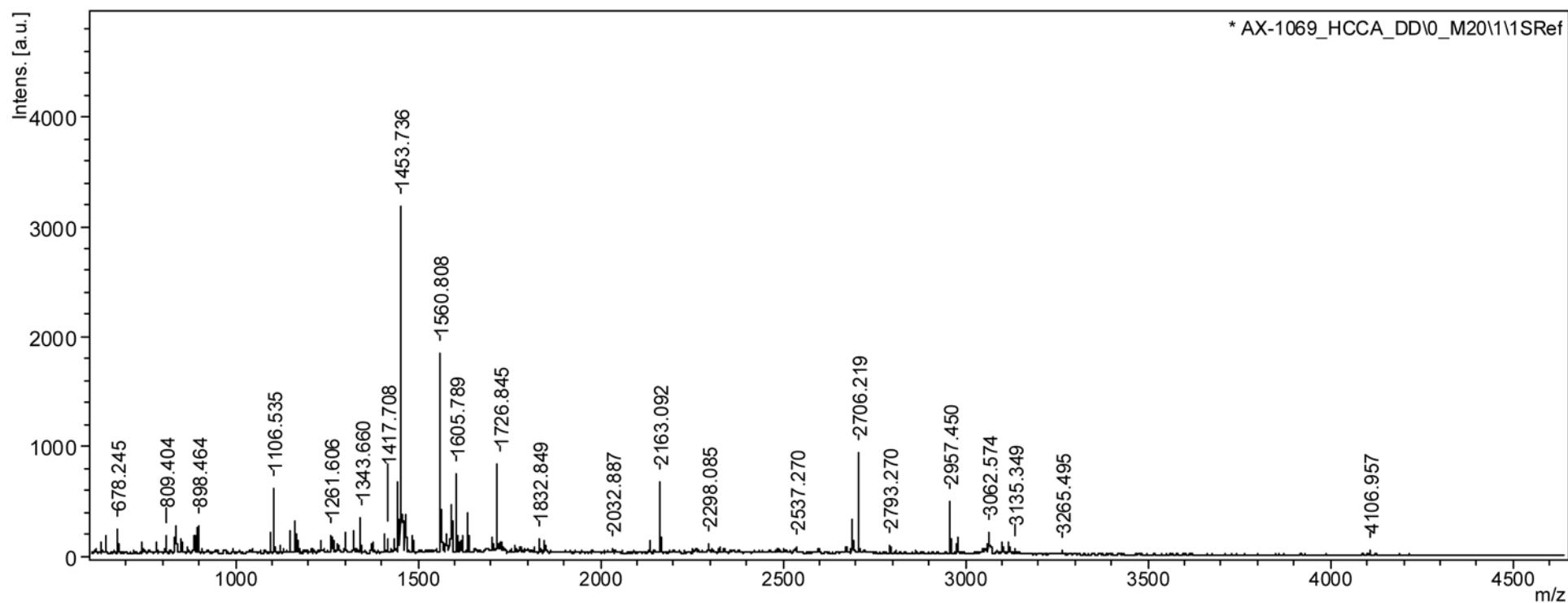
Acquisition Parameter

Analysis Name AX-1069_HCCA_DD\0_M20\1

Instrument

ULTFLEX

Date of acquisition 2016-09-06T13:40:02.640+02:00



m/z	SN	Quality Fac.	Res.	Intens.	Area	Bk. Peak
632.225	5.9	210	6649	101.20	16	false
644.240	8.8	726	7035	150.65	23	false
678.245	15.0	1815	6583	258.09	43	false
744.338	5.3	107	6736	91.40	18	false
785.404	5.7	104	6948	98.12	19	false
809.404	8.9	521	8479	156.11	28	false
836.415	12.9	2622	7257	225.05	49	false
837.427	7.7	360	5086	133.54	38	false
853.419	7.6	76	7211	132.98	28	false
855.381	5.3	281	7130	90.31	23	false
868.434	4.9	87	8301	87.19	17	false
887.399	8.9	579	8445	156.10	33	false
892.441	10.9	618	8296	188.87	39	false
898.464	13.7	2763	7627	237.81	55	false
899.474	8.8	436	8622	153.27	31	false
1095.535	11.1	2158	10721	201.25	45	false
1105.548	20.4	5716	9766	376.65	95	false
1106.535	22.0	1870	11606	399.35	87	false
1121.584	4.3	112	7420	79.28	26	false
1132.459	3.4		7090	64.00	9	false
1150.548	4.7	208	8824	88.12	26	false
1162.586	14.6	3131	10603	270.64	69	false
1163.559	8.2	392	11883	152.05	35	false
1170.533	10.0	1368	11011	192.50	48	false
1233.634	6.3	329	10847	123.50	33	false
1261.606	10.3	836	11095	197.96	56	false
1267.653	7.3	581	9626	139.95	42	false
1281.606	5.6	129	11600	107.73	29	false
1285.600	3.0	88	12097	58.55	17	false
1301.606	9.0	526	14012	177.35	40	false
1325.619	11.2	1227	15418	227.51	51	false
1343.660	16.2	5129	12526	325.49	85	false
1374.740	5.1	135	11424	101.56	30	false
1409.706	8.0	930	13329	160.40	43	false
1417.708	5.9	406	11691	117.47	38	false
1435.717	7.4	379	15384	150.07	35	false
1446.758	24.4	1697	12846	491.10	140	false
1447.700	6.8	269	6083	137.09	91	false
1453.736	151.3	104394	13501	3044.95	871	false
1459.681	18.2	14648	13872	367.13	103	false
1465.682	19.3	10706	13038	388.65	117	false
1485.774	7.9	567	13950	162.87	43	false
1560.808	89.8	104590	13538	1878.94	596	false
1575.732	9.1	152	14741	185.48	56	false
1586.752	6.5	237	12768	133.75	50	false
1591.722	6.8	111	16264	139.26	43	false
1592.734	17.9	2123	14017	367.56	117	false

m/z	SN	Quality Fac.	Res.	Intens.	Area	Bk. Peak
1594.756	4.9	265	16329	101.15	33	false
1605.789	33.6	3094	14554	687.00	217	false
1615.804	5.5	388	14157	116.83	39	false
1621.775	7.0	307	14661	143.79	45	false
1636.767	17.0	7346	15439	351.52	108	false
1702.331	5.1	283	7472	104.57	78	false
1726.845	5.3	283	15490	109.48	38	false
1784.825	3.0	106	15619	63.17	25	false
1832.849	6.5	724	15586	137.72	53	false
1848.830	4.8	339	14576	98.77	43	false
2032.887	2.8		14286	57.50	11	false
2135.009	5.7	469	15521	102.95	51	false
2163.092	28.1	11029	15979	483.81	224	false
2298.085	4.7		15528	95.00	17	false
2327.151	3.8		29034	76.00	10	false
2537.270	3.6		31927	68.00	11	false
2598.177	3.2		14165	58.00	12	false
2672.220	3.9		29789	69.25	10	false
2689.217	17.7	115	14187	215.30	155	false
2706.219	49.9	6408	14584	602.62	424	false
2793.270	5.1	100	13211	58.14	49	false
2957.450	27.0	613	13868	268.54	223	false
2976.297	5.8	56	12470	55.84	52	false
2978.223	5.5	563	11476	53.40	63	false
3054.357	4.3		18589	64.00	14	false
3062.574	12.3	225	5870	106.69	241	false
3070.344	3.9	98	9219	35.12	49	false
3101.326	5.7	75	12286	49.74	56	false
3117.344	4.1		12560	58.00	16	false
3135.349	4.4		20313	62.00	13	false
3265.495	3.3		34643	44.00	5	false
4106.957	6.2		13541	46.00	17	false

MALDI-TOF

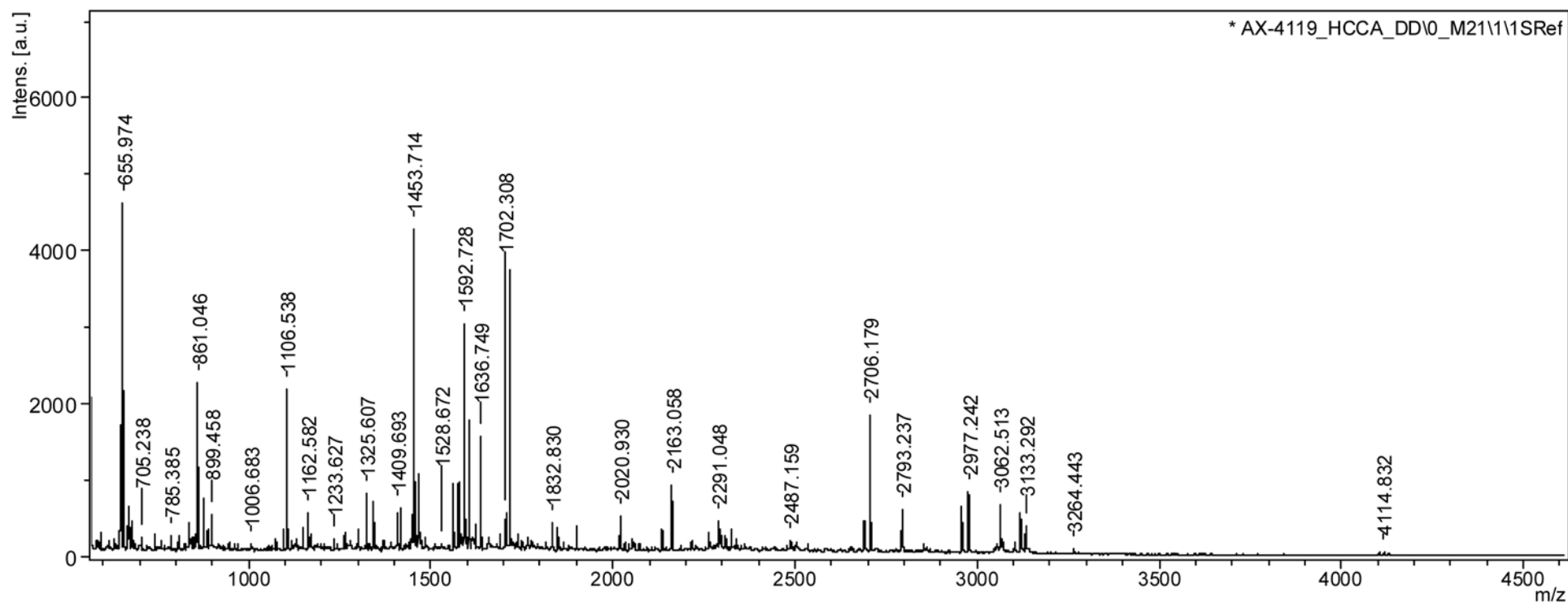
Acquisition Parameter

Analysis Name AX-4119_HCCA_DD\0_M211

Instrument

ULTIFLEX

Date of acquisition 2016-09-06T13:40:55.937+02:00



m/z	SN	Quality Fac.	Res.	Intens.	Area	Bk. Peak
632.226	4.2	106	6989	181.94	25	false
644.239	6.6	417	8558	283.52	33	false
649.959	39.0	13057	6855	1680.95	258	false
655.974	101.3	16642	7165	4376.02	671	false
664.932	7.2	293	8710	310.78	40	false
665.911	5.1	162	7100	222.07	37	false
671.952	13.3	1685	7471	569.50	87	false
678.230	9.8	1114	6677	422.51	68	false
705.238	5.2		8949	234.00	27	false
744.335	5.3	197	7187	228.12	38	false
760.330	4.2		6696	187.00	31	false
785.385	5.5	134	8724	230.18	34	false
809.403	5.2	195	7150	221.25	42	false
830.606	3.0	125	9104	126.54	21	false
836.392	7.1	658	7701	298.48	58	false
837.373	6.2	496	9321	269.80	48	false
845.064	4.1	122	9618	173.00	31	false
855.403	5.0	96	7490	206.22	41	false
861.046	54.7	21830	8407	2271.80	452	false
876.013	11.0	855	9772	459.94	84	false
877.023	11.9	2119	9241	496.86	90	false
887.392	7.0	384	9709	290.65	48	false
892.434	7.0	429	8038	295.68	58	false
898.454	6.7	473	6094	277.18	72	false
899.458	7.9	595	7641	331.77	70	false
946.394	3.7		7773	159.50	23	false
1006.683	3.3		11908	142.00	14	false
1072.071	4.1	183	13721	174.28	27	false
1078.490	3.4	116	9232	141.08	35	false
1095.527	7.4	779	10127	303.83	66	false
1105.549	25.9	3220	10919	1082.60	229	false
1106.538	33.7	8941	11070	1383.88	292	false
1121.556	4.1	138	8626	167.55	45	false
1132.461	4.0	99	8812	167.36	46	false
1149.518	8.4	1221	10382	349.54	83	false
1162.582	10.5	582	10884	430.81	96	false
1163.533	4.6	223	8089	191.12	65	false
1170.531	6.7	274	11417	281.53	61	false
1233.627	4.9		8912	201.00	30	false
1261.601	6.3	173	11078	262.63	67	false
1267.627	6.4	633	11508	262.15	64	false
1301.589	8.0	914	12126	328.99	79	false
1325.607	17.2	7819	13630	705.49	164	false
1343.642	15.3	1969	13602	636.76	145	false
1369.647	3.8		11954	156.00	21	false
1409.693	11.0	1362	12066	461.26	131	false
1417.702	13.9	7588	12936	575.55	156	false

m/z	SN	Quality Fac.	Res.	Intens.	Area	Bk. Peak
1447.723	11.9	2282	12280	497.00	146	false
1453.714	99.6	99757	13070	4177.75	1183	false
1459.663	20.1	6528	13175	852.45	241	false
1465.661	23.9	17589	14373	993.61	258	false
1475.699	4.3	209	13114	179.41	51	false
1512.660	3.4		16826	140.00	21	false
1528.672	3.5		14455	145.00	19	false
1560.779	22.1	9586	13315	940.42	295	false
1562.789	7.5	365	10206	311.73	125	false
1566.718	5.8	320	15422	242.86	65	false
1575.732	9.2	744	15110	382.74	109	false
1576.729	14.2	6035	13388	593.23	189	false
1591.730	23.6	1860	13710	998.38	326	false
1592.728	48.9	46119	13439	2027.68	659	false
1605.763	25.4	5508	13548	1052.79	345	false
1606.733	16.6	1113	11246	697.24	309	false
1621.754	8.4	278	14042	351.55	113	false
1636.749	34.4	57088	14263	1480.01	488	false
1658.728	4.2	158	12888	180.06	72	false
1691.755	4.4	145	14162	188.01	67	false
1702.308	8.5	1013	7469	351.48	266	false
1738.858	4.8	207	12107	200.50	84	false
1750.791	3.7		15191	147.00	26	false
1765.825	4.5	92	13273	188.80	78	false
1778.298	4.3		13309	172.00	41	false
1794.299	3.4		18412	135.00	27	false
1817.825	3.7		16004	149.00	26	false
1832.830	8.9	1470	14813	365.11	145	false
1848.816	8.5	3457	14892	349.86	145	false
1864.820	3.0	137	12900	122.10	63	false
1900.819	4.4		15388	175.00	26	false
2018.931	3.9	136	13548	143.67	73	false
2020.930	9.6	2251	15668	351.07	151	false
2051.953	4.7	95	14037	168.17	78	false
2073.947	3.2	91	14449	113.11	53	false
2134.990	7.8	1409	17919	264.12	105	false
2163.058	24.5	33065	16897	803.23	351	false
2215.998	4.1	176	12282	130.06	89	false
2263.076	7.3	441	16875	219.17	102	false
2291.048	10.9	1452	14538	323.77	178	false
2310.108	3.4	111	17448	98.06	43	false
2325.107	7.0	383	17152	202.30	96	false
2341.089	3.3	92	13748	94.34	53	false
2487.159	5.1		16428	176.00	36	false
2493.253	4.7		14439	163.00	39	false
2503.074	4.3		15805	145.00	28	false
2536.265	3.7		17500	126.00	27	false

m/z	SN	Quality Fac.	Res.	Intens.	Area	Bk. Peak
2690.178	14.8	251	16106	325.55	213	false
2706.179	57.3	14000	16504	1226.69	776	false
2793.237	19.2	4989	16967	372.24	239	false
2853.349	3.7		11568	103.00	30	false
2958.411	20.7	635	16305	338.97	246	false
2977.242	31.5	308	16297	505.88	383	false
3047.535	3.3		6525	83.00	40	false
3053.327	4.0		16286	100.00	22	false
3062.513	23.4	607	6277	326.66	709	false
3069.276	6.9	286	12433	100.21	112	false
3101.297	5.6	123	13067	78.20	84	false
3104.309	3.5	174	12261	48.96	56	false
3117.296	21.8	262	16144	307.46	251	false
3120.287	5.6	192	19637	77.03	56	false
3133.292	13.7	504	17267	186.34	142	false
3264.443	2.3		23141	48.00	10	false
4104.923	2.7		16584	27.00	9	false
4114.832	3.4		21631	34.00	8	false
4128.910	2.2		6705	22.00	10	false



REDE DE INFRAESTRUTURAS DE APOIO
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E O DESENVOLVIMENTO TECNOLÓGICO
(RIAIDT)

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MALDI-TOF

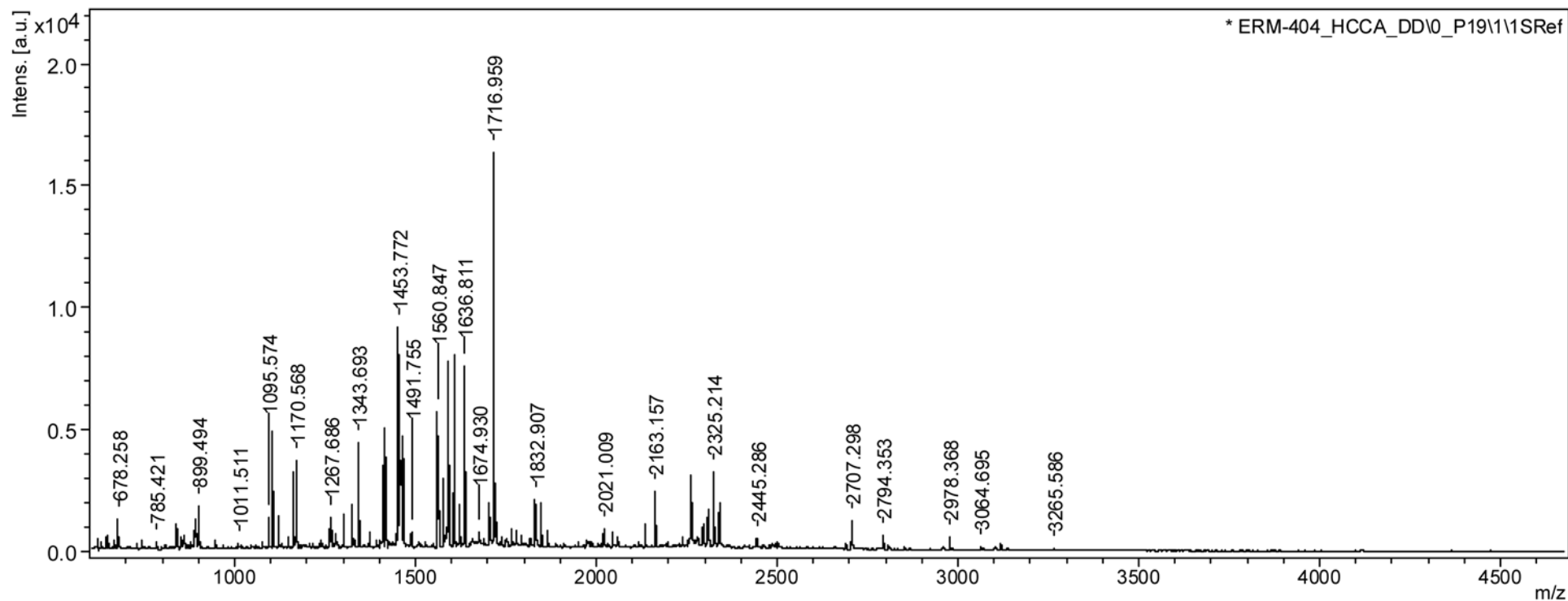
Acquisition Parameter

Analysis Name ERM-404_HCCA_DD\0_P19\1

Instrument

ULTFLEX

Date of acquisition 2016-09-06T13:50:37.062+02:00



m/z	SN	Quality Fac.	Res.	Intens.	Area	Bk. Peak
621.978	9.3	622	6889	453.88	72	false
632.246	6.7	644	6906	327.71	50	false
644.264	10.9	1570	6184	535.67	86	false
649.963	12.9	2274	5746	629.58	123	false
665.944	8.0	597	5965	396.90	77	false
678.258	25.8	8894	6680	1260.07	208	false
731.355	5.4		8329	273.50	33	false
744.365	8.4		6607	421.00	58	false
785.421	7.3		7137	363.00	43	false
837.427	20.1	3004	7912	1025.42	196	false
843.378	8.2	281	10624	416.32	62	false
853.422	11.0		8162	548.00	69	false
861.054	7.5	197	7078	391.61	98	false
877.047	6.4	463	7475	329.05	71	false
887.428	14.1	1661	7842	728.83	154	false
892.467	23.4	6442	8660	1218.95	241	false
898.488	12.6	531	7866	667.55	140	false
899.494	26.0	5960	8921	1355.80	260	false
908.496	5.2	225	8368	270.96	54	false
946.422	6.4	412	9099	339.60	73	false
970.468	4.9		7497	243.00	34	false
1011.511	5.5		11264	270.50	32	false
1078.540	6.7		8976	333.00	45	false
1095.574	25.0	5426	9913	1452.64	343	false
1105.605	37.0	2745	8528	2171.09	605	false
1106.579	59.8	18524	8679	3516.77	981	false
1121.626	22.0	5061	9432	1308.67	329	false
1149.573	10.2		11134	517.50	70	false
1164.609	17.3	920	10023	1079.80	276	false
1170.568	58.6	156400	10433	3625.47	925	false
1178.575	4.9	256	10023	303.94	82	false
1216.683	3.7	242	8439	238.03	74	false
1241.625	6.4	232	9464	417.76	128	false
1261.644	13.7	2223	11119	924.77	247	false
1267.686	18.3	7077	11724	1225.59	311	false
1279.641	7.4	396	12352	508.33	123	false
1281.637	6.9	570	12453	473.92	115	false
1301.645	20.9	8881	13453	1437.48	328	false
1325.664	25.8	9372	12452	1830.44	468	false
1333.668	5.4	502	11858	378.54	104	false
1343.693	61.9	67689	12639	4308.86	1138	false
1374.771	11.3	915	13026	812.08	205	false
1390.689	5.5	194	14492	400.46	99	false
1402.671	4.5	270	8897	325.17	145	false
1403.199	4.9	408	7374	353.05	182	false
1409.737	45.7	53442	12714	3392.00	964	false
1417.756	67.2	85848	12727	4865.70	1405	false

m/z	SN	Quality Fac.	Res.	Intens.	Area	Bk. Peak
1425.733	5.4	226	13075	395.08	110	false
1447.776	7.8	994	11274	573.41	183	false
1453.772	126.5	155774	12572	9491.93	2904	false
1459.724	48.7	68413	13277	3594.09	1042	false
1465.722	60.4	63054	13803	4605.35	1302	false
1485.810	8.4	424	12796	622.71	181	false
1491.755	6.8	1109	12009	513.83	162	false
1528.736	4.7	223	15182	368.52	100	false
1560.847	74.7	38456	13560	5679.32	1823	false
1565.773	7.9	1156	12759	597.44	213	false
1566.781	11.8	2483	14522	904.83	273	false
1576.775	34.4	72217	13117	2689.62	915	false
1584.818	5.0	634	3417	382.84	590	false
1592.768	87.0	160727	13393	6880.96	2369	false
1605.833	29.7	1402	14242	2304.62	757	false
1606.823	74.5	54164	13665	5752.36	1964	false
1622.245	3.3	216	6992	256.13	179	false
1622.818	18.8	11083	14642	1442.75	465	false
1636.811	97.5	158323	13955	7528.07	2627	false
1674.930	6.7	498	13110	519.47	186	false
1691.810	5.0	270	13371	394.73	157	false
1702.381	21.4	3696	7796	1652.23	1192	false
1716.959	205.8	181688	12870	15854.72	6655	false
1723.886	11.3	733	14390	870.81	313	false
1738.930	4.8	228	11730	370.77	160	false
1753.920	4.6	255	15815	368.76	121	false
1765.907	10.0	1419	15081	789.66	282	false
1779.389	14.3		8877	797.00	220	false
1792.895	3.6	199	10783	276.00	148	false
1794.371	6.3	787	5695	486.36	531	false
1817.923	8.6		11835	478.00	90	false
1832.907	25.4	27786	14554	2012.26	836	false
1848.904	24.6	34912	14430	1932.47	828	false
1864.903	9.3	2386	13791	714.33	335	false
1975.012	6.4		11878	345.75	62	false
2021.009	10.2	320	15312	698.15	308	false
2044.934	8.4	196	14207	566.91	293	false
2058.012	6.8	867	14495	457.21	213	false
2060.941	3.9	418	11613	262.26	176	false
2117.014	5.3		13889	273.00	52	false
2135.083	15.1	2897	16085	926.38	410	false
2163.157	34.4	18956	15865	2033.24	941	false
2263.182	45.9	12921	15319	2501.89	1296	false
2282.188	4.5	214	16297	237.00	109	false
2298.168	14.2	493	17541	731.22	332	false
2309.215	20.6	2489	15578	1075.40	547	false
2325.214	50.7	9089	14758	2539.00	1427	false

m/z	SN	Quality Fac.	Res.	Intens.	Area	Bk. Peak
2341.205	28.1	8238	15538	1397.38	749	false
2445.286	7.8	693	14977	342.67	201	false
2494.363	6.5		14916	282.50	60	false
2503.220	7.3		13592	309.50	61	false
2707.298	25.6	1396	15032	801.35	545	false
2794.353	14.8	637	15590	414.25	287	false
2808.393	6.0		14161	200.00	47	false
2854.479	5.2		13556	167.00	42	false
2958.499	4.5		12945	129.00	32	false
2978.368	15.2	2313	14813	320.13	262	false
3064.695	6.1		6555	158.00	86	false
3105.448	5.1		12447	132.00	37	false
3118.438	9.3	229	14062	156.07	148	false
3121.445	4.3	472	16399	71.75	59	false
3265.586	4.2		21125	93.00	18	false



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MALDI-TOF

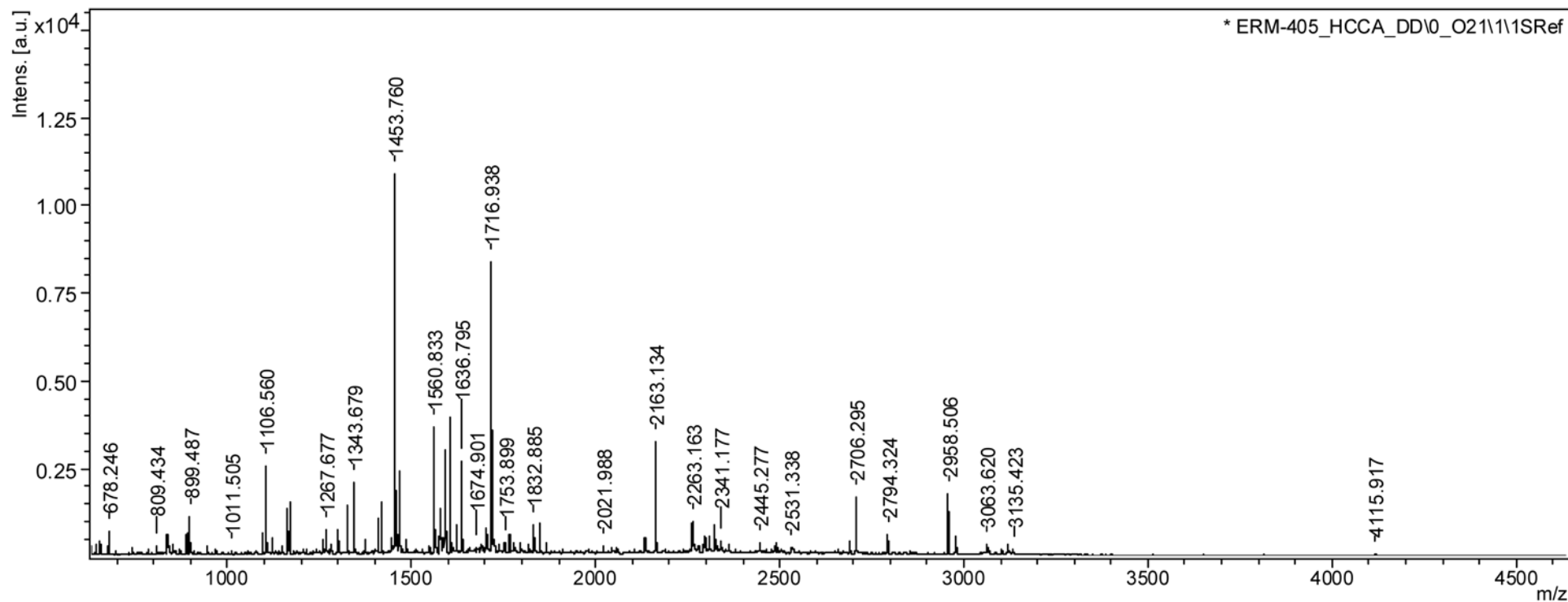
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Analysis Name ERM-405_HCCA_DD\0_O21\1

Instrument

ULTFLEX

Date of acquisition 2016-09-06T13:48:21.171+02:00



m/z	SN	Quality	Fac.	Res.	Intens.	Area	Bk. Peak
632.248	12.2		943	6101	297.88	47	false
644.250	12.6		932	6193	310.31	50	false
655.988	16.3		1880	6569	410.66	70	false
678.246	28.9		4175	6969	718.38	113	false
698.468	4.9		220	10184	124.41	15	false
731.371	4.7			7101	119.00	15	false
744.353	9.8		329	7244	251.85	44	false
785.404	7.2		341	5429	183.52	49	false
786.572	4.0		151	10252	101.83	15	false
809.434	10.3		745	8318	265.66	44	false
837.413	21.6		5144	7624	570.22	113	false
841.442	8.5		174	6855	221.69	49	false
843.384	9.4		697	7172	248.03	55	false
855.425	12.2		652	7787	323.12	63	false
868.427	6.5		208	9397	173.09	30	false
887.413	21.5		4498	8260	576.66	115	false
892.462	22.5		4052	8416	605.08	117	false
898.484	14.5		294	7890	393.82	80	false
899.487	32.4		7425	8100	874.83	181	false
946.416	7.5		480	9125	212.62	44	false
970.473	5.1		218	10297	148.56	27	false
1011.505	5.9			8739	162.00	22	false
1078.528	5.7			9052	160.50	19	false
1095.556	22.3		8646	11049	681.53	145	false
1105.576	27.0		1804	9864	840.89	204	false
1106.560	61.7		17583	10573	1914.54	432	false
1121.603	16.0		2851	10410	499.48	112	false
1150.565	5.2		151	9912	165.25	40	false
1162.614	32.7		203	11670	1060.38	235	false
1164.595	11.1		558	11556	362.42	79	false
1170.550	47.6		36693	12406	1571.62	333	false
1207.623	4.6		200	9437	153.93	43	false
1216.657	4.8		212	12532	161.18	34	false
1241.619	4.9		172	9480	167.06	50	false
1261.635	14.5		1993	12469	501.41	117	false
1267.677	19.8		2288	13292	684.44	144	false
1279.629	6.3		231	13606	221.36	47	false
1281.619	7.0		210	14767	248.70	51	false
1301.631	18.4		6087	13977	662.57	144	false
1325.653	35.7		10234	13840	1279.21	290	false
1343.679	59.3		54158	14041	2170.86	500	false
1374.756	11.5		1170	13152	423.89	104	false
1409.723	27.6		48998	14724	1043.89	251	false
1417.744	38.0		17283	14565	1482.12	360	false
1447.764	10.6		666	12631	420.09	118	false
1453.760	273.7		138121	14134	10613.78	2836	false
1459.708	47.2		54239	15039	1844.73	465	false

m/z	SN	Quality Fac.	Res.	Intens.	Area	Bk. Peak
1465.709	61.4	48587	15084	2391.58	601	false
1485.795	10.8	1535	14156	441.63	116	false
1549.779	5.4	748	16237	223.64	56	false
1560.833	91.5	77101	15189	3878.87	1087	false
1566.767	14.9	2804	15553	618.68	170	false
1576.761	30.5	37711	15047	1250.66	364	false
1584.953	3.6	155	3177	146.38	204	false
1586.770	8.7	523	13638	361.82	127	false
1592.757	64.4	26018	14615	2654.66	815	false
1605.818	28.8	3524	15371	1195.89	359	false
1606.810	65.9	56855	14844	2759.59	848	false
1622.802	16.7	10415	15943	708.28	207	false
1636.795	62.9	82469	15849	2659.78	801	false
1674.901	4.6	186	12707	193.88	72	false
1687.848	4.6	190	14587	195.99	65	false
1691.799	5.8	352	12515	244.75	108	false
1702.368	15.3	1873	8209	651.83	448	false
1716.938	191.7	74143	15205	8149.95	2853	false
1723.866	8.9	3203	15331	386.51	128	false
1726.885	7.8	1634	17347	339.07	98	false
1738.914	4.4	174	17866	192.37	55	false
1753.899	7.1	336	14962	307.45	106	false
1765.885	12.9	2110	16485	557.20	186	false
1778.368	6.2	283	5981	270.05	276	false
1794.387	3.8	214	6990	164.13	138	false
1795.928	6.1	169	25801	273.90	59	false
1816.889	6.2	161	16235	270.56	99	false
1832.885	19.5	19182	16183	873.85	324	false
1848.878	19.4	19942	16683	859.79	312	false
1864.881	6.8	638	11002	300.41	186	false
2021.988	6.2		16033	245.00	34	false
2044.915	5.9		14498	233.00	43	false
2058.987	4.8		21012	191.00	28	false
2135.062	11.3	1911	16500	434.04	190	false
2163.134	72.2	53786	17466	2761.27	1166	false
2189.181	4.9		12682	191.00	40	false
2263.163	21.8	4903	17325	768.41	341	false
2309.186	11.8	952	17544	410.77	182	false
2325.191	16.8	1672	16340	569.31	271	false
2341.177	8.2	749	17457	271.72	124	false
2361.258	5.2	299	13461	169.40	98	false
2445.277	8.7		17106	323.00	59	false
2493.330	7.0	626	14623	203.30	118	false
2531.338	4.4	241	15796	124.59	68	false
2658.312	4.0	154	15618	101.29	65	false
2706.295	13.6		13671	449.00	103	false
2794.324	15.3	194	15625	344.00	236	false

m/z	SN	Quality Fac.	Res.	Intens.	Area	Bk. Peak
2853.406	4.1		19578	126.00	23	false
2958.506	50.6	2727	15964	955.64	694	false
2978.336	16.9	2010	14868	307.56	250	false
3063.620	9.6	375	6080	156.09	317	false
3070.377	3.9	166	12820	64.15	68	false
3104.389	3.9	155	11683	62.13	78	false
3118.375	10.0	171	12693	154.48	179	false
3135.423	6.3		15124	160.50	40	false
4115.917	2.4		17100	26.00	6	false



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MALDI-TOF

Acquisition Parameter

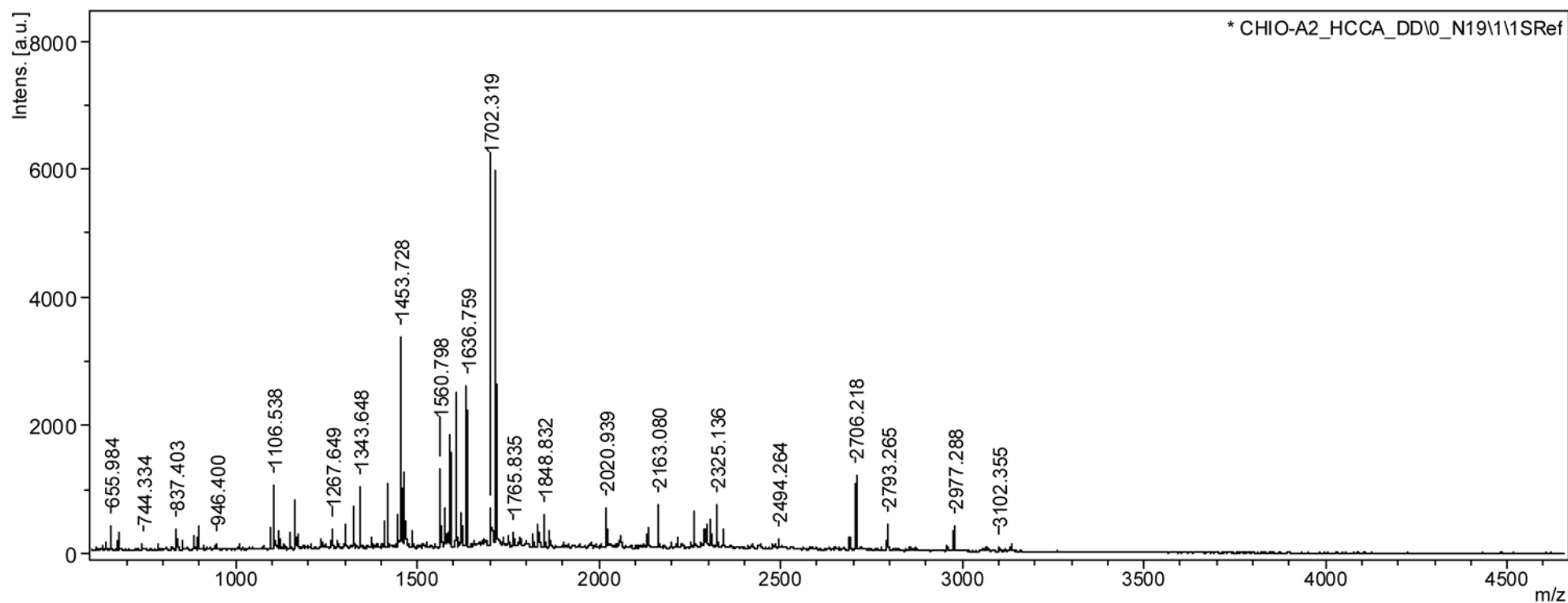
Analysis Name CHIO-A2_HCCA_DD\0_N19\1

Instrument

ULTFLEX

Date of acquisition

2016-09-06T13:42:31.375+02:00



m/z	SN	Quality Fac.	Res.	Intens.	Area	Bk. Peak
632.228	3.8	82	5855	100.56	17	false
644.238	5.7	157	5806	152.17	26	false
655.984	14.2	1027	7590	384.52	51	false
678.244	12.0	852	5964	323.81	58	false
744.334	4.6	127	6866	128.33	23	false
785.384	4.7	130	5967	131.34	30	false
837.403	11.9	1286	7525	336.57	65	false
843.371	5.4	220	8441	158.25	29	false
853.403	7.0	173	7305	202.36	42	false
855.408	5.6	127	8029	162.85	30	false
886.414	4.3		9807	123.00	13	false
892.447	8.4	444	6400	244.49	61	false
898.456	8.9	781	6718	259.90	62	false
899.466	10.2	1116	7706	298.25	64	false
946.400	4.7	165	9317	142.36	28	false
1011.485	4.3		12941	128.00	14	false
1095.540	10.7	2053	9216	353.77	86	false
1105.557	16.9	1670	9948	557.65	133	false
1106.538	21.9	7938	9184	722.56	188	false
1121.589	8.2	653	8069	275.84	78	false
1132.478	3.7	77	8427	125.45	38	false
1149.546	9.5		14104	303.00	37	false
1162.585	10.8	793	9789	371.40	101	false
1163.574	16.4	4526	10293	573.34	143	false
1170.534	8.4	733	9808	294.23	77	false
1233.633	4.9	104	8358	178.61	57	false
1241.590	4.3	120	7841	154.24	58	false
1261.610	5.5	258	9827	203.07	59	false
1267.649	8.1	700	11193	299.91	75	false
1279.595	3.9	112	11106	149.49	39	false
1298.600	3.3	64	10979	124.16	35	false
1301.605	11.9	1831	12946	457.75	108	false
1325.623	16.5	4550	11923	640.07	169	false
1343.648	26.3	21043	13287	1020.17	249	false
1374.716	6.0	310	11602	240.73	67	false
1409.690	12.1	3911	12292	496.33	143	false
1417.712	23.7	23528	13480	974.01	259	false
1447.739	11.7	952	12892	491.07	138	false
1453.728	80.0	110360	13143	3299.61	947	false
1459.675	21.7	14013	13479	893.27	250	false
1465.678	29.5	34138	13908	1240.04	343	false
1485.759	7.1	546	13563	296.31	81	false
1528.702	3.1	80	12939	128.87	40	false
1560.798	28.9	30464	13583	1233.47	383	false
1562.801	8.2	539	9234	351.66	156	false
1576.724	14.6	4926	13468	637.14	211	false
1584.753	3.8	466	3622	163.52	238	false

m/z	SN	Quality Fac.	Res.	Intens.	Area	Bk. Peak
1586.741	5.0	400	15502	222.88	62	false
1591.728	9.7	385	12625	423.99	160	false
1592.722	35.2	22318	14385	1534.29	482	false
1605.783	23.0	2796	14255	998.18	321	false
1606.777	33.0	19629	13681	1419.47	476	false
1621.765	11.8	258	13962	521.94	176	false
1636.759	56.8	76248	15033	2463.54	791	false
1702.319	12.6	1295	7671	555.68	410	false
1738.861	3.5	99	13180	155.75	60	false
1765.835	5.8	129	13793	250.63	100	false
1784.835	4.3	193	16799	194.31	64	false
1800.853	3.1	56	13520	137.15	55	false
1816.840	5.6	213	15280	243.53	96	false
1832.844	9.1	856	13706	396.29	177	false
1848.832	12.7	3863	15489	555.05	221	false
1864.833	6.3	803	14021	276.17	129	false
2018.927	3.6	119	12767	144.53	85	false
2020.939	12.4	4711	17212	507.89	205	false
2057.937	3.7	54	13114	141.34	73	false
2060.880	3.7	240	11199	140.90	97	false
2135.010	8.1	623	16605	295.75	131	false
2163.080	17.9	15040	16361	640.66	293	false
2216.021	4.4	77	12574	146.08	98	false
2263.109	14.6	3486	16737	460.69	217	false
2291.041	8.6		14211	311.00	62	false
2309.134	10.0	262	15247	302.65	157	false
2325.136	17.6	5088	16886	536.57	260	false
2341.121	8.4	188	16613	244.91	123	false
2494.264	6.3		17281	208.00	43	false
2690.216	7.7	126	13683	157.58	123	false
2706.218	38.9	151	14827	775.19	548	false
2793.265	13.7	194	15483	248.55	179	false
2958.456	4.5		19402	103.00	26	false
2977.288	15.6	180	14377	225.04	187	false
3069.330	3.1	63	13395	40.58	42	false
3102.355	3.4		11431	71.00	18	false
3118.383	3.2		15112	64.00	13	false
3134.326	5.8	231	14468	68.85	65	false



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MALDI-TOF

Acquisition Parameter

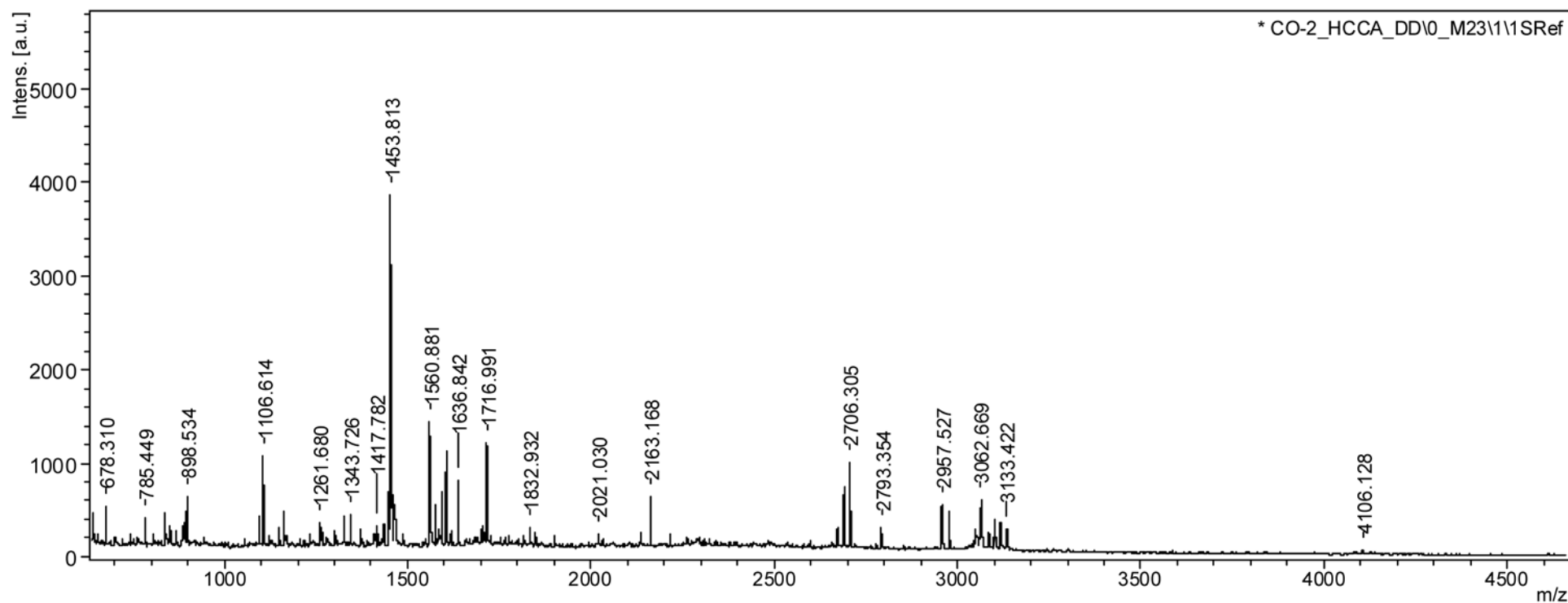
Analysis Name CO-2_HCCA_DD\0_M23\1

Instrument

ULTIFLEX

Date of acquisition

2016-09-06T14:02:13.843+02:00



m/z	SN	Quality Fac.	Res.	Intens.	Area	Bk. Peak
619.259	3.2	79	4278	185.14	44	false
632.273	4.1		4244	267.00	47	false
644.292	6.6	609	4683	378.64	91	false
678.310	8.1	794	3962	463.26	133	false
744.433	2.9		3403	185.00	42	false
785.449	4.8	313	4355	262.38	91	false
805.418	3.2	91	4135	175.74	69	false
836.467	5.8	786	4472	310.58	117	false
837.435	5.4	300	5257	296.53	97	false
853.450	5.0	158	5341	272.32	90	false
868.496	3.7	121	4709	198.47	74	false
887.459	4.7	123	5176	250.57	88	false
892.493	5.8	439	4413	311.36	132	false
898.534	7.8	1295	4082	414.89	184	false
899.536	6.5	796	5323	346.68	119	false
946.471	2.7		3864	163.00	41	false
1095.601	6.4	703	5761	329.57	148	false
1105.652	11.2	1738	4778	576.59	298	false
1106.614	11.9	6257	5320	611.63	297	false
1150.600	3.8	175	6969	195.08	78	false
1162.654	6.0	853	5641	306.63	155	false
1163.632	4.6	279	5351	238.72	126	false
1170.598	3.4	77	7509	176.08	68	false
1233.692	3.3		6154	199.00	46	false
1261.680	4.8	378	5331	245.68	152	false
1301.676	3.4	149	5761	176.55	106	false
1325.691	6.2	752	7170	317.68	158	false
1343.726	7.0	1847	5734	364.41	236	false
1369.720	3.8	297	7927	197.24	94	false
1409.751	3.4	231	5347	177.36	137	false
1417.782	4.3	341	7100	222.95	126	false
1435.790	5.6	448	7169	288.13	165	false
1446.828	11.9	3737	6025	616.06	426	false
1453.813	70.4	147113	6846	3669.83	2242	false
1459.756	9.8	3512	8225	516.62	262	false
1465.757	9.7	7253	7374	498.95	288	false
1485.831	3.2	158	5399	162.86	133	false
1560.881	27.7	20650	7064	1423.80	977	false
1563.859	3.2	225	4638	163.89	174	false
1576.821	7.8	1553	7768	399.69	245	false
1592.814	11.7	3058	7074	603.54	428	false
1605.860	19.0	7191	7510	974.74	661	false
1621.831	4.7	190	8339	242.59	155	false
1636.842	14.0	21540	7816	718.44	486	false
1702.424	3.2	257	2939	141.81	291	false
1716.991	21.0	23307	7420	1064.21	824	false
1816.933	2.6		10016	150.00	40	false

m/z	SN	Quality Fac.	Res.	Intens.	Area	Bk. Peak
1832.932	3.7	179	7815	185.38	156	false
1848.933	3.3	229	8111	163.41	134	false
1901.949	3.0		10867	171.00	42	false
2021.030	3.2		5863	178.00	51	false
2034.013	2.3		10420	130.00	31	false
2135.100	3.2	55	10387	131.31	102	false
2163.168	12.1	5676	10237	495.39	397	false
2216.136	3.5		16990	184.00	36	false
2672.329	2.5		11047	110.00	30	false
2689.299	16.1	101	9066	434.53	548	false
2706.305	23.8	6199	10348	639.83	701	false
2793.354	6.0	137	10392	149.54	172	false
2957.527	13.6	691	7556	283.18	511	false
2977.380	10.2	178	9905	219.52	290	false
3045.705	2.7		4577	98.50	63	false
3053.461	2.7		19944	96.50	25	false
3062.669	13.0	373	5000	232.57	657	false
3069.416	3.9	210	5688	69.62	180	false
3084.482	3.2		14741	111.50	29	false
3100.421	7.6	109	7223	137.85	286	false
3103.458	4.7	358	11170	90.60	112	false
3117.424	9.5	251	9290	176.69	276	false
3133.422	6.8	138	10549	127.20	175	false
4090.098	1.8		13610	32.00	10	false
4106.128	3.8		20080	65.00	25	false



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MALDI-TOF

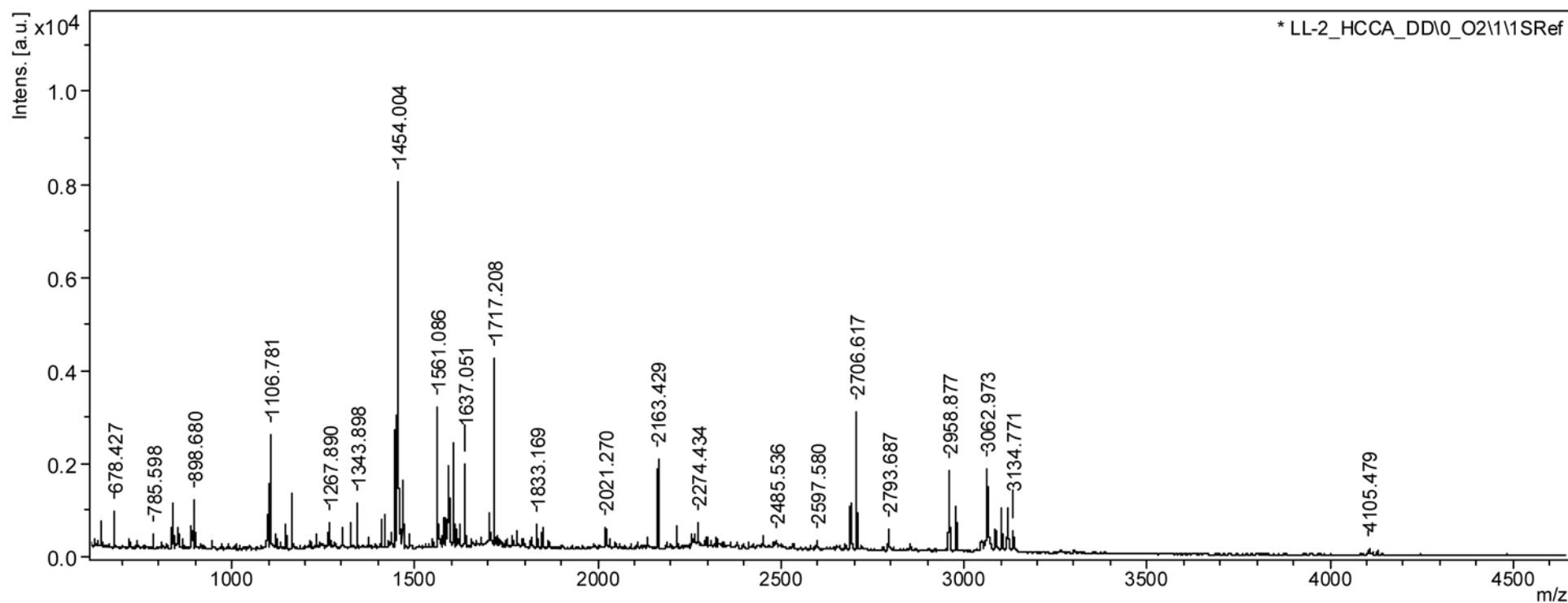
Acquisition Parameter

Analysis Name LL-2_HCCA_DD\0_O2\1

Instrument

ULTFLEX

Date of acquisition 2016-08-23T14:25:53.171+02:00



m/z	SN	Quality Fac.	Res.	Intens.	Area	Bk. Peak
625.333	3.0	52	3079	215.83	78	false
644.410	8.7	936	3780	620.30	175	false
678.427	11.1	2262	3807	792.19	225	false
722.438	3.8	85	3552	267.26	103	false
785.598	5.2	412	3798	364.06	132	false
836.605	7.3	573	4142	501.57	190	false
837.604	10.1	951	4406	696.98	240	false
843.581	3.4	133	4253	235.83	88	false
853.614	6.7	74	4352	463.59	165	false
886.607	3.9	161	5204	266.63	87	false
887.605	6.2	443	4333	417.08	161	false
892.643	7.2	467	4551	489.95	179	false
898.680	13.8	2543	4475	931.99	349	false
899.647	8.9	1227	3856	597.37	285	false
946.617	3.2	135	4478	217.51	94	false
1095.775	13.4	1267	5239	898.93	396	false
1105.789	21.8	5404	5301	1458.48	663	false
1106.781	23.2	12484	5231	1546.53	701	false
1121.813	6.0	647	5126	397.81	186	false
1150.765	4.4	308	4705	296.93	173	false
1162.828	11.6	2691	5399	777.35	377	false
1163.818	10.6	899	5022	713.85	343	false
1216.870	3.0	112	4706	206.45	124	false
1233.873	6.0	453	5458	409.48	221	false
1261.844	6.0	468	6306	413.45	204	false
1267.890	8.6	2420	5762	591.27	315	false
1301.850	7.1	1244	5570	491.62	292	false
1325.879	8.2	2682	5861	563.99	319	false
1343.898	14.0	4077	6642	968.54	504	false
1374.963	4.1	299	5873	288.35	178	false
1409.953	9.4	3187	6821	658.40	355	false
1417.970	9.7	3189	6686	689.36	385	false
1435.951	5.0	456	6896	355.09	204	false
1447.019	42.6	16697	6365	2992.87	1787	false
1454.004	114.8	308207	6194	8128.50	5010	false
1459.952	18.3	16330	6450	1294.94	776	false
1465.949	21.2	18243	6687	1493.29	863	false
1469.987	7.2	1481	6579	506.34	315	false
1486.026	5.0	363	6253	354.74	222	false
1548.014	3.3	57	5172	232.69	209	false
1561.086	47.5	57794	6717	3351.29	2176	false
1563.067	7.4	758	4746	525.55	506	false
1577.012	8.9	568	6087	634.59	482	false
1586.046	10.0	1217	5081	707.47	683	false
1593.020	26.3	6596	6633	1846.12	1263	false
1606.074	28.2	4098	6627	1981.24	1383	false
1608.005	5.3	444	6534	374.78	296	false

m/z	SN	Quality Fac.	Res.	Intens.	Area	Bk. Peak
1616.067	6.2	789	7146	437.13	301	false
1622.050	7.3	510	6126	515.44	432	false
1637.051	27.0	87519	7040	1899.78	1312	false
1702.611	9.6	1839	4257	675.89	916	false
1708.063	3.5	54	5298	244.66	258	false
1717.208	58.9	128665	6740	4124.01	3222	false
1727.120	3.2	98	6965	223.27	184	false
1766.138	3.2	98	7415	222.55	180	false
1778.603	3.5	149	2369	235.75	553	false
1794.582	3.1	254	3864	198.43	346	false
1817.142	3.7	222	6344	257.40	263	false
1833.169	7.7	966	7255	534.51	459	false
1849.161	6.2	1363	7028	428.82	379	false
2021.270	7.2	1002	7278	445.57	438	false
2033.261	3.3	98	5748	199.42	259	false
2135.351	4.0	454	7224	225.97	245	false
2163.429	29.8	54164	7814	1650.41	1622	false
2216.384	8.1	2523	7182	427.52	492	false
2257.387	4.7	436	7534	238.11	272	false
2263.434	4.5	145	7844	228.82	250	false
2274.434	8.5	305	7313	428.67	495	false
2297.442	4.1	408	8016	202.20	222	false
2325.471	3.8	263	6451	179.61	249	false
2485.536	3.3	92	4724	122.33	272	false
2597.580	3.2	163	6850	121.66	191	false
2689.578	12.7	192	7100	438.44	704	false
2691.624	9.0	805	8931	323.74	344	false
2706.617	56.7	5448	8027	1985.57	2638	false
2793.687	9.1	286	7716	293.63	429	false
2853.762	3.4	88	6829	101.71	177	false
2955.867	5.9	72	8203	159.58	250	false
2958.877	36.1	3214	8157	986.86	1438	false
2977.714	20.5	302	8066	544.70	849	false
3062.973	37.4	869	4983	839.81	2363	false
3069.788	6.2	555	5983	143.83	338	false
3085.828	11.8	192	7637	280.34	502	false
3101.789	18.8	366	7154	429.14	859	false
3104.836	7.3	852	9228	172.89	255	false
3115.764	4.2	115	9194	95.54	154	false
3118.795	20.7	4363	8456	487.64	750	false
3134.771	9.1	419	9036	209.13	304	false
4105.479	7.0	109	8769	48.40	110	false
4127.451	4.0	62	7720	25.97	71	false



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MALDI-TOF

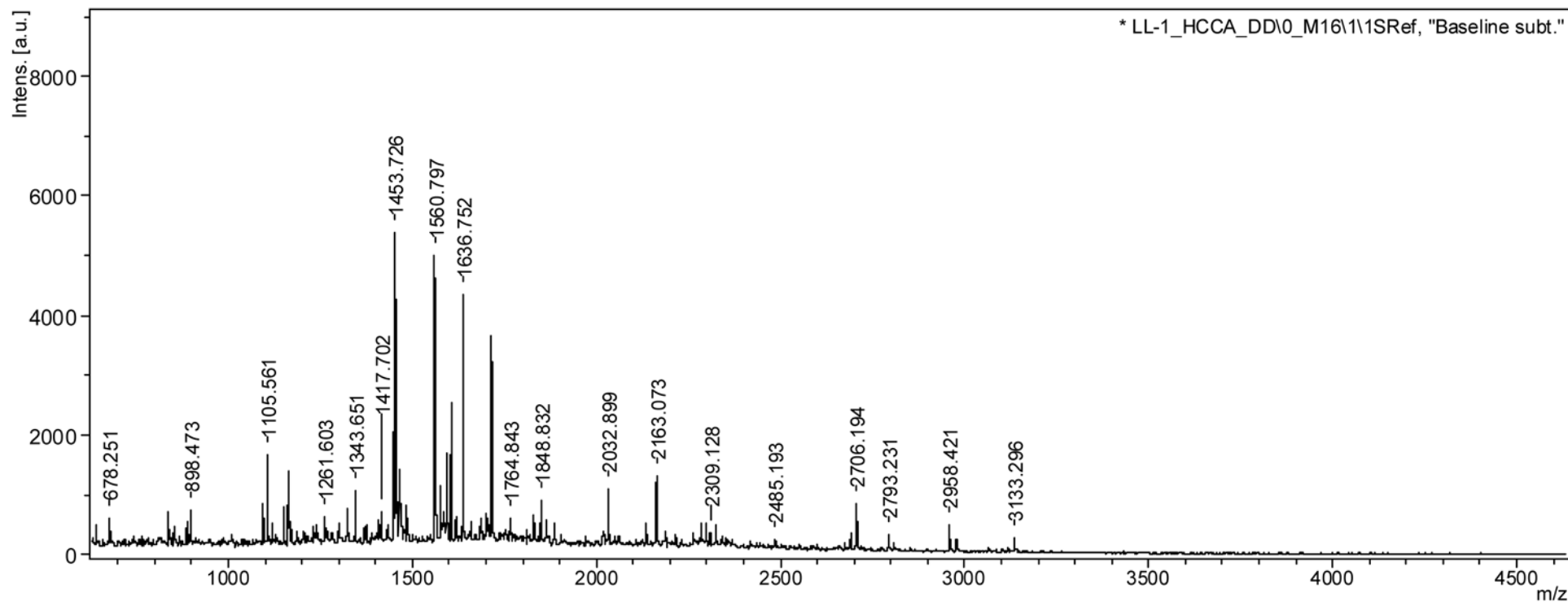
Acquisition Parameter

Analysis Name LL-1_HCCA_DD\0_M16\1

Instrument

ULTFLEX

Date of acquisition 2016-09-02T13:22:47.250+02:00



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644.251	3.5	70	4487	396.19	87	false
678.251	5.0	213	5579	563.16	107	false
837.414	5.9	288	6543	665.63	153	false
853.408	3.8	114	6099	430.69	111	false
892.455	5.3		6957	566.00	98	false
898.473	6.4	100	6226	724.19	189	false
1095.549	6.8	917	8741	814.85	212	false
1105.561	9.7	1644	7936	1163.30	349	false
1106.550	7.5	383	7902	899.90	253	false
1121.573	3.4	136	6137	417.15	164	false
1149.538	5.9	449	9381	729.96	197	false
1164.581	5.3	332	7397	642.42	215	false
1170.541	4.4	156	8783	538.69	158	false
1233.620	3.1	56	7148	390.35	147	false
1241.579	3.6	81	9662	448.26	139	false
1261.603	5.2	256	9635	657.70	205	false
1301.607	4.2	192	9729	532.86	167	false
1325.625	5.1	625	10667	657.49	197	false
1343.651	8.2	1321	10705	1053.08	324	false
1374.709	3.3	110	7413	431.80	188	false
1409.677	4.0	173	8946	514.50	222	false
1417.702	4.9	364	9346	634.28	244	false
1435.706	3.1	102	10132	410.22	141	false
1446.748	15.6	2982	10687	2079.59	732	false
1453.726	39.7	80442	11669	5218.70	1745	false
1459.677	8.0	1530	11160	1048.88	373	false
1465.677	9.9	2690	12069	1311.43	429	false
1485.759	4.9	224	9758	640.31	244	false
1560.797	39.7	25247	11725	5323.35	2005	false
1565.728	4.9	548	10302	651.70	285	false
1576.733	7.5	433	10136	988.45	440	false
1582.743	3.2	51	9106	425.22	225	false
1585.744	4.6	171	7309	605.70	404	false
1592.728	12.1	5339	11330	1601.19	655	false
1605.778	17.5	1281	10797	2277.91	983	false
1615.792	3.5	117	10207	462.47	198	false
1621.749	3.8	130	10463	507.68	249	false
1636.752	32.0	146498	12766	4166.41	1612	false
1658.730	3.6	89	8887	472.74	293	false
1684.773	4.1	116	13687	549.14	201	false
1700.802	3.1	53	7526	396.74	292	false
1702.289	4.0	96	6238	520.51	483	false
1764.843	3.5	52	11412	455.63	224	false
1828.822	4.6	755	13507	577.16	256	false
1832.832	3.5	127	9447	433.75	304	false
1848.832	6.9	1511	11564	847.84	473	false
1885.836	3.3	64	11742	405.35	235	false

m/z	SN	Quality Fac.	Res.	Intens.	Area	Bk. Peak
2016.936	3.5		10650	378.50	80	false
2032.899	9.0	3268	13394	936.21	509	false
2135.003	4.0	279	11111	369.16	251	false
2163.073	11.4	3020	11652	1034.36	685	false
2187.030	3.3	129	11052	292.14	210	false
2217.012	3.2		11948	324.25	75	false
2284.030	3.9	68	10763	313.23	257	false
2309.128	3.8		10625	363.50	97	false
2325.100	4.3	221	10720	324.07	264	false
2485.193	2.9		12772	251.50	65	false
2706.194	12.6	359	11864	583.09	534	false
2793.231	4.5	123	9694	183.96	228	false
2807.318	2.3		11349	151.00	41	false
2958.421	8.2	427	11686	273.94	284	false
2977.257	4.7	75	10584	150.86	183	false
3087.416	1.9		10631	97.25	27	false
3117.377	2.3		21634	109.75	29	false
3133.296	5.0	162	10882	128.43	171	false



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MALDI-TOF

Acquisition Parameter

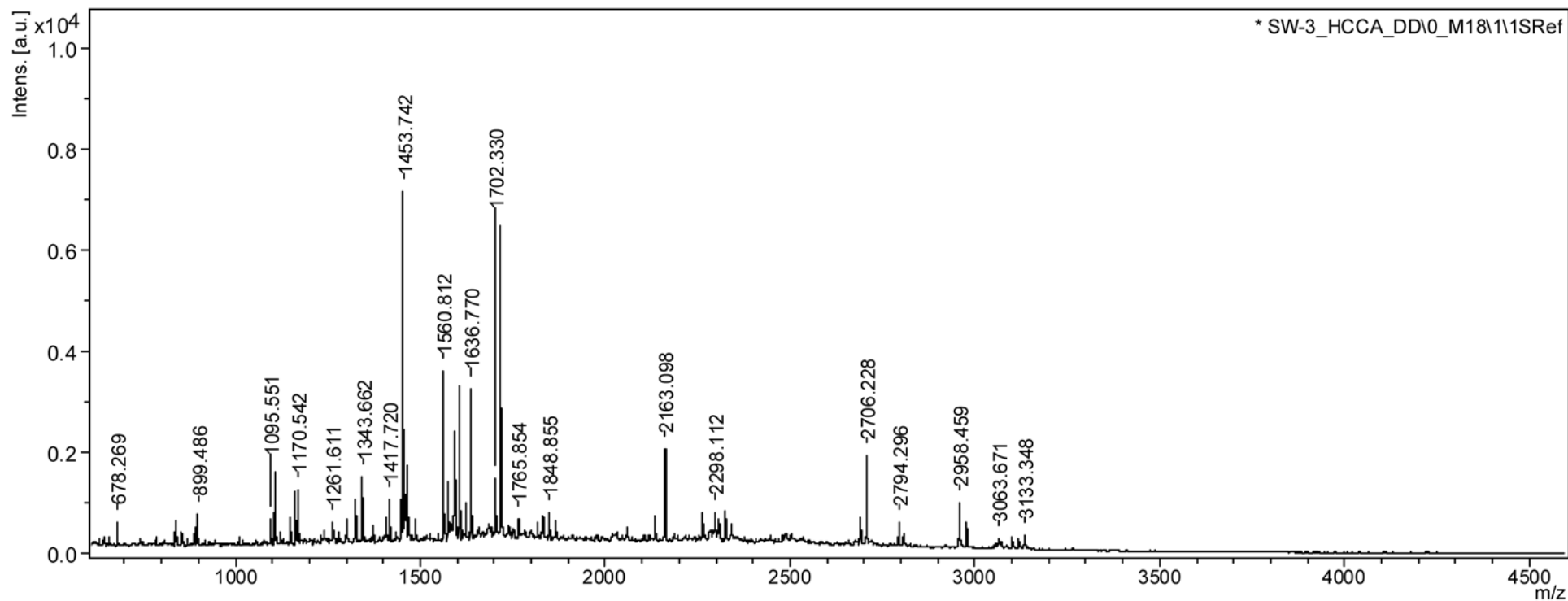
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Instrument

ULTFLEX

Date of acquisition

2016-09-02T13:26:40.937+02:00



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632.245	3.3		2925	244.00	46	false
641.251	2.6		5279	191.00	30	false
644.261	3.5		4202	256.00	44	false
655.991	3.4		9695	251.00	23	false
678.269	7.4		5320	544.25	87	false
837.409	7.3	702	5453	516.53	155	false
855.415	4.8	177	5770	337.46	97	false
887.404	4.2	282	5539	301.14	96	false
892.451	6.3	355	6064	454.94	131	false
899.486	8.1	973	5296	575.70	184	false
1095.551	7.5	1511	6982	576.64	197	false
1105.567	8.8	1010	6452	683.45	269	false
1106.556	14.1	6142	6803	1089.46	404	false
1121.588	4.0	162	5344	308.92	148	false
1149.549	7.8		8721	638.00	102	false
1170.542	13.9	7051	8373	1123.52	374	false
1233.620	3.1	51	5929	261.43	132	false
1241.595	4.0	141	7202	334.86	147	false
1261.611	6.1	278	8848	522.48	187	false
1267.647	3.9	212	7319	334.06	138	false
1301.616	6.0	686	9161	524.90	186	false
1325.636	10.0	2228	9581	868.03	302	false
1343.662	14.5	10470	9028	1283.97	490	false
1374.722	4.0	173	6859	359.61	191	false
1409.709	6.8		8807	619.00	138	false
1417.720	10.1	3476	8933	931.34	398	false
1447.750	8.4	657	9447	766.40	319	false
1453.742	73.3	140892	9588	6829.62	2854	false
1459.690	10.6	3769	9097	990.14	441	false
1465.691	16.4	12977	9983	1519.18	612	false
1485.767	5.7	408	10270	538.94	210	false
1560.812	35.3	65478	9849	3337.91	1544	false
1576.741	11.0	3447	10195	1055.89	484	false
1585.763	4.0	137	5021	378.02	397	false
1592.739	22.5	14753	10007	2157.96	1027	false
1605.794	12.9	2105	10384	1240.19	585	false
1606.792	19.9	25763	9904	1897.03	925	false
1621.774	7.1	194	10163	694.56	352	false
1636.770	30.7	87196	10822	2958.40	1381	false
1700.840	3.9	54	6368	378.10	316	false
1702.330	11.0	1543	7009	1065.54	858	false
1706.758	3.9	105	5228	380.77	443	false
1738.869	3.4	127	12576	331.44	135	false
1765.854	4.8	108	8276	472.22	348	false
1816.864	4.4	231	11700	422.58	223	false
1832.853	5.6	617	11328	551.01	318	false
1848.855	7.0	1557	10189	668.30	432	false

m/z	SN	Quality Fac.	Res.	Intens.	Area	Bk. Peak
1864.854	5.1		8215	502.00	127	false
2135.014	5.8	655	10460	446.23	341	false
2163.098	19.4	13358	11007	1455.35	1036	false
2263.115	7.1	1100	10360	489.15	396	false
2298.112	7.6		12600	681.00	169	false
2325.138	8.0	1227	9551	517.19	486	false
2341.120	4.5	151	9094	284.70	285	false
2690.234	8.3	354	9238	357.13	433	false
2706.228	26.9	591	9762	1132.27	1311	false
2794.296	7.7	165	10004	291.84	327	false
2807.307	3.5		15765	224.00	66	false
2958.459	17.6	1296	10436	553.08	668	false
2977.341	4.2		10366	228.00	75	false
3063.671	4.6		8418	230.00	103	false
3102.377	4.6	106	9297	124.35	181	false
3118.367	4.1	156	9242	105.59	161	false
3133.348	6.2	70	10192	156.75	221	false



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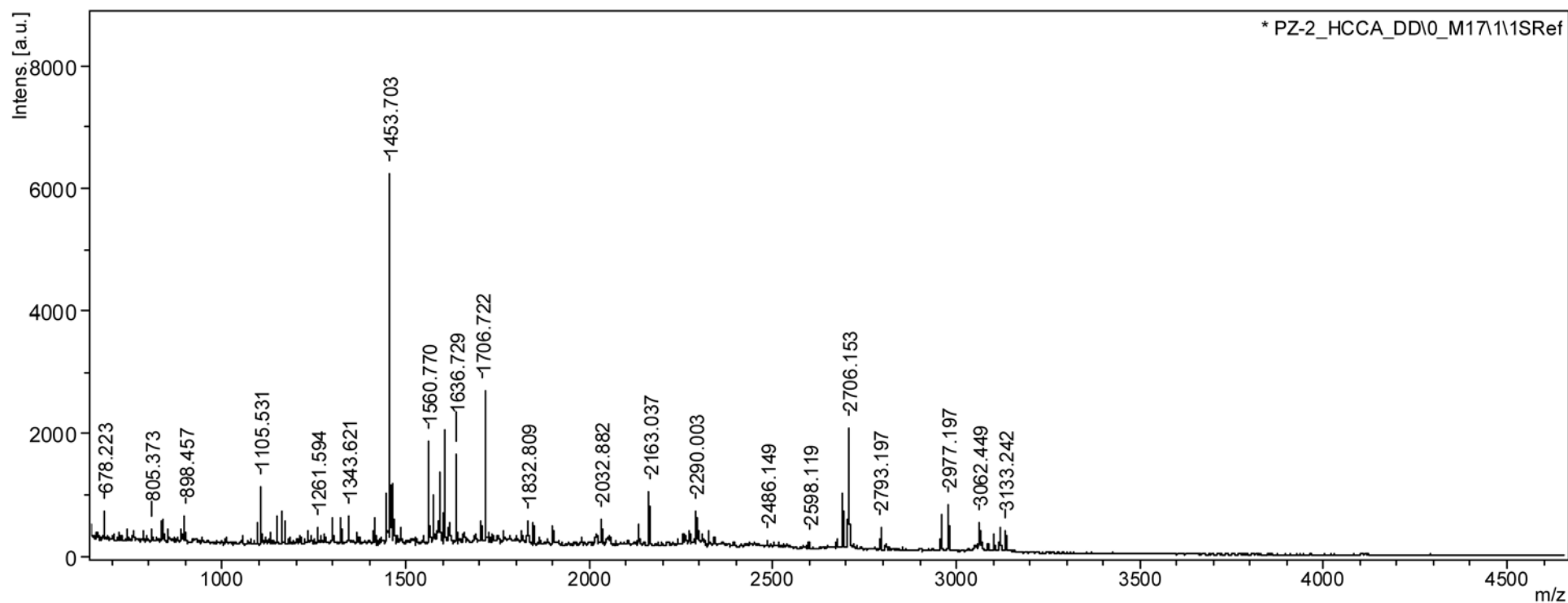
E-mail: sxemasas@usc.es

Web: <http://www.ti.usc.es/riaidt/masas/masas.htm>

MALDI-TOF

Acquisition Parameter

Analysis Name	PZ-2_HCCA_DD\0_M17\1	Instrument	ULTIFLEX
Date of acquisition	2016-09-02T13:24:49.796+02:00		



m/z	SN	Quality Fac.	Res.	Intens.	Area	Bk. Peak
678.223	6.9		6133	599.00	79	false
805.373	3.4	65	6830	301.76	60	false
836.396	5.8	66	6391	505.16	118	false
887.372	3.7	108	7794	315.39	72	false
898.457	6.9	142	6675	583.39	139	false
1095.521	5.4	334	7821	433.67	129	false
1105.531	9.0	3027	8230	731.70	217	false
1106.517	6.7	484	7454	537.57	164	false
1149.525	7.5		9769	569.00	74	false
1162.569	6.8	56	8862	541.04	153	false
1170.516	6.4		10728	486.00	68	false
1233.621	4.3		9224	325.50	57	false
1261.594	4.2	154	9216	330.89	101	false
1301.574	5.8	422	13236	455.86	107	false
1325.600	6.0	510	11805	478.51	130	false
1343.621	7.0	805	11519	560.15	168	false
1369.627	3.1	77	10963	245.25	74	false
1409.670	3.3	103	11076	258.51	79	false
1417.677	5.3	609	11490	414.56	135	false
1446.720	11.4	546	12257	901.96	277	false
1453.703	76.2	125322	12647	6005.96	1828	false
1459.649	12.6	8656	12874	995.43	300	false
1465.649	13.2	12310	13788	1069.94	300	false
1485.725	3.8	195	8690	302.21	129	false
1560.770	24.3	7546	13037	1952.45	643	false
1563.743	4.1	278	9375	321.01	140	false
1566.717	3.9	344	11661	309.16	109	false
1575.703	9.0	252	13380	714.50	237	false
1585.716	5.1	94	8723	402.40	227	false
1591.687	6.8	384	13041	535.48	206	false
1592.697	10.8	2937	13290	844.02	292	false
1594.704	5.8	627	15921	473.13	143	false
1605.755	23.8	6858	12691	1865.70	678	false
1615.760	4.5	147	12214	352.14	129	false
1621.743	5.9	324	13159	461.22	158	false
1636.729	18.9	29772	13879	1486.87	518	false
1702.265	4.5	121	8675	345.81	233	false
1706.722	3.8	59	10724	302.49	162	false
1816.811	3.6	244	13481	267.68	115	false
1832.809	6.3	844	15072	471.82	191	false
1848.808	5.5	564	14104	410.53	179	false
1900.787	4.3	141	13218	312.61	159	false
2032.882	7.2	2137	13682	479.98	249	false
2134.975	5.9	641	13858	350.20	177	false
2163.037	14.0	9892	14907	810.93	409	false
2256.989	4.2		13610	276.00	61	false
2274.020	4.2	74	11953	222.29	163	false

m/z	SN	Quality Fac.	Res.	Intens.	Area	Bk. Peak
2290.003	8.9	386	15304	461.54	255	false
2326.089	5.0		12896	315.00	68	false
2343.148	3.7		11633	229.00	53	false
2486.149	2.9		16343	167.00	39	false
2598.119	3.1		17851	169.00	35	false
2673.143	3.6	62	12670	123.95	108	false
2690.152	14.7	235	13648	506.50	391	false
2706.153	40.7	18726	13623	1373.13	1058	false
2793.197	7.6	254	13397	232.36	194	false
2808.201	3.1		15580	145.50	39	false
2957.359	14.5	423	12266	371.07	379	false
2977.197	18.9	933	14012	463.90	415	false
3062.449	12.0	493	5940	255.14	586	false
3070.247	5.0	184	13349	113.66	115	false
3086.298	3.8	75	9592	81.51	114	false
3101.249	8.8	73	12696	189.46	209	false
3117.240	11.1	231	13712	232.95	233	false
3133.242	9.6	115	15121	198.74	177	false



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MALDI-TOF

Acquisition Parameter

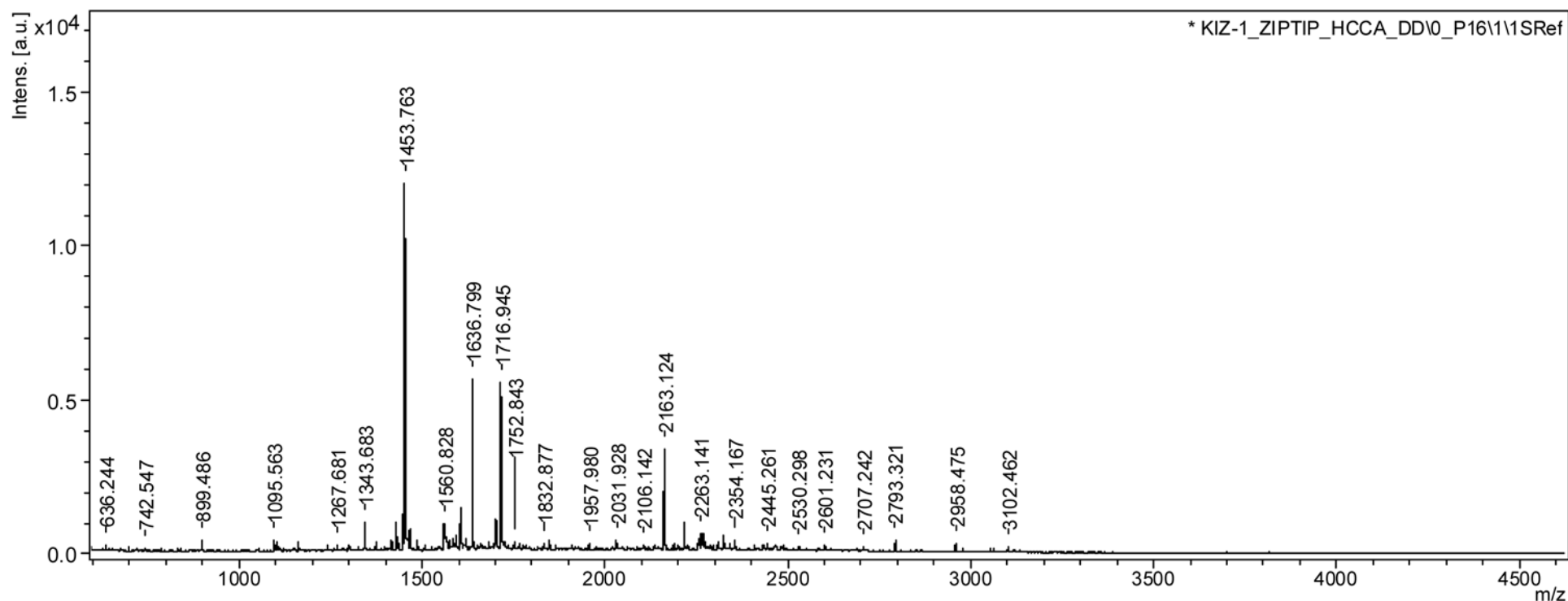
Analysis Name KIZ-1_ZIPTIP_HCCA_DD\0_P16\1

Instrument

ULTFLEX

Date of acquisition

2016-09-02T13:37:17.890+02:00



m/z	SN	Quality Fac.	Res.	Intens.	Area	Bk. Peak
636.244	4.9		7085	242.00	35	false
678.276	3.2		5240	157.00	23	false
698.484	3.5		8320	173.00	18	false
722.302	2.8		4423	135.00	20	false
742.547	3.1		6278	151.00	18	false
786.596	2.7		4820	128.00	23	false
830.641	2.7		6198	129.00	17	false
837.439	2.4		22882	112.00	10	false
898.483	3.1	90	4375	135.87	50	false
899.486	7.1	741	6217	306.53	82	false
1095.563	9.1	1457	8117	414.45	118	false
1105.568	3.7	103	5530	169.79	78	false
1106.556	5.1	129	7941	228.87	74	false
1162.618	8.0	380	9327	381.25	105	false
1241.607	4.0	214	7098	194.70	81	false
1267.681	4.5	207	9100	228.97	71	false
1301.618	3.9	229	7152	196.01	94	false
1325.669	3.9	119	8833	200.18	70	false
1343.683	17.3	7301	10097	894.65	289	false
1369.671	3.0	69	12607	160.91	42	false
1374.758	5.1	659	9661	265.15	88	false
1409.719	3.1	73	7623	169.15	87	false
1417.739	6.8	1073	11328	370.25	122	false
1429.761	16.4	5890	10115	889.92	316	false
1435.742	8.3	1150	10109	453.05	160	false
1446.784	22.0	12015	10700	1198.85	415	false
1453.763	221.5	155604	10020	12130.00	4646	false
1459.717	7.6	1402	9460	418.38	164	false
1465.704	12.2	4199	11761	671.51	225	false
1485.793	6.6	1496	10515	369.43	131	false
1510.771	3.4	73	11355	187.51	64	false
1549.786	3.1	112	12510	178.59	59	false
1560.828	15.8	5470	11795	900.58	327	false
1562.814	4.3	310	7609	243.61	147	false
1565.763	7.9	1911	11208	445.99	176	false
1568.759	5.3	295	14236	305.15	88	false
1576.779	5.8	207	13366	325.54	101	false
1584.827	4.7	457	2506	241.77	508	false
1592.782	5.6	94	16446	328.83	85	false
1605.813	21.8	2673	10976	1250.59	530	false
1607.808	7.7	549	10939	435.78	182	false
1615.827	4.1	108	12152	231.50	83	false
1621.785	5.3	238	9787	302.71	158	false
1622.231	5.3	679	8017	299.84	191	false
1636.799	98.4	196581	10905	5609.77	2498	false
1660.863	4.6		10749	262.00	48	false
1681.061	5.2		4298	298.00	111	false

m/z	SN	Quality Fac.	Res.	Intens.	Area	Bk. Peak
1698.894	4.3	59	7716	250.34	179	false
1702.359	16.3	1872	7122	943.40	745	false
1716.945	92.7	99169	10595	5336.20	2699	false
1726.880	4.6	253	11428	263.71	115	false
1732.869	3.1	57	9402	179.12	100	false
1749.845	3.6	63	9598	206.68	127	false
1752.843	4.1	195	10510	236.88	130	false
1765.890	4.4	67	12779	253.67	105	false
1832.877	5.1	257	11465	298.02	164	false
1848.878	4.9	694	11023	284.54	159	false
1865.043	4.0		6318	230.00	68	false
1908.927	3.4	389	12551	193.96	98	false
1957.980	4.2	175	10875	231.36	141	false
2031.928	6.1	336	10272	315.21	233	false
2106.142	4.3		10088	242.75	49	false
2163.124	56.4	43139	12558	2610.37	1584	false
2189.150	3.3	66	10041	151.11	109	false
2216.076	16.8	11428	12487	742.40	471	false
2255.079	7.2	85	12164	309.08	208	false
2263.141	10.5	2182	13632	448.90	271	false
2273.087	9.8	1444	12629	419.55	277	false
2309.177	5.2	102	12800	213.94	138	false
2325.173	9.2	1189	11640	370.19	265	false
2341.169	3.9	144	13762	156.69	100	false
2354.167	5.1	366	15962	202.80	100	false
2410.152	3.6		11815	181.00	36	false
2434.214	4.1		13292	208.00	47	false
2435.210	4.5		14394	225.00	52	false
2445.261	5.1		17707	259.00	54	false
2466.251	4.8		15858	238.00	54	false
2488.251	4.1		14682	200.00	42	false
2530.298	3.6	75	10259	118.04	101	false
2601.231	4.5	87	13039	141.50	113	false
2707.242	3.4	58	10459	93.02	98	false
2793.321	8.9	117	12321	228.55	204	false
2958.475	8.2	106	10678	172.11	195	false
2975.448	1.8		12918	62.00	15	false
3054.504	3.2	56	8074	59.11	98	false
3063.538	3.2	106	5093	58.99	136	false
3102.462	5.2	324	8757	92.51	139	false



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MALDI-TOF

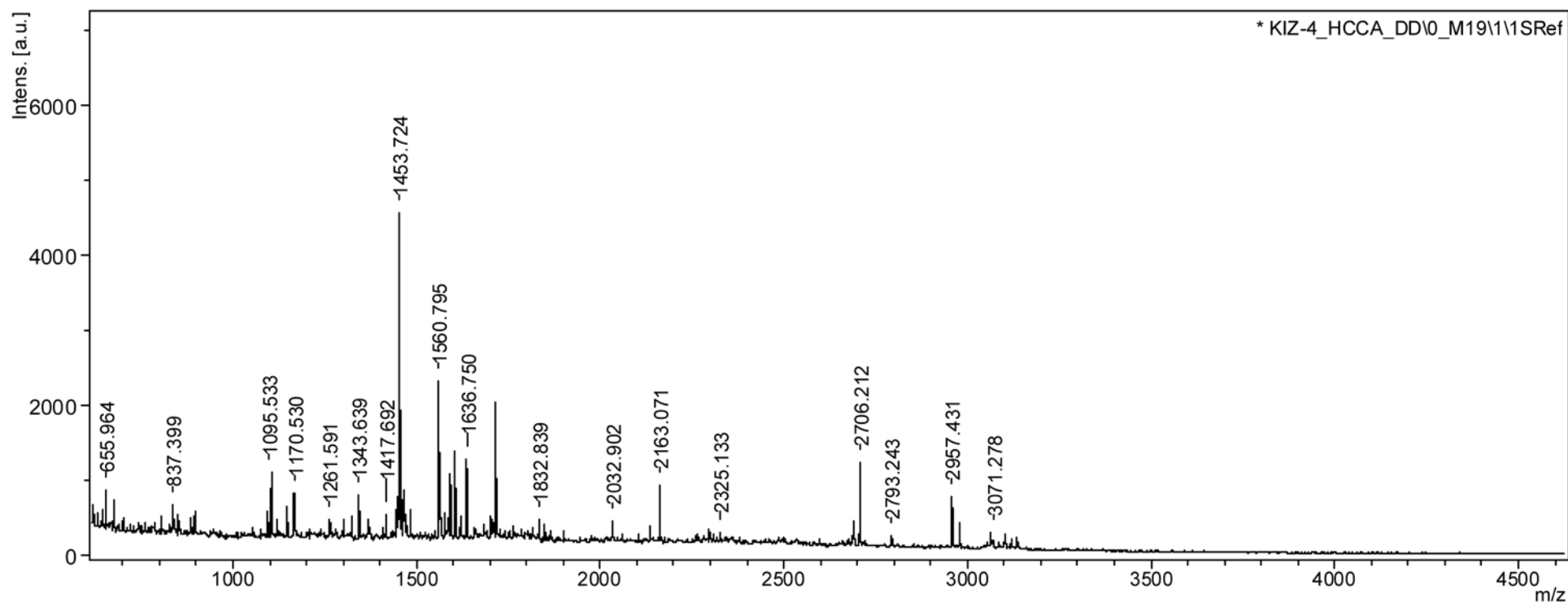
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Analysis Name KIZ-4_HCCA_DD\0_M19\1

Instrument

ULTFLEX

Date of acquisition 2016-09-06T13:39:07.937+02:00



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619.197	3.5	55	4603	378.94	79	false
655.964	5.5	110	6271	589.82	112	false
678.236	4.8	252	5280	504.79	106	false
805.377	3.2	93	5273	320.37	83	false
837.399	4.6	133	6190	450.14	110	false
853.373	4.2		6297	410.00	69	false
892.427	3.8	106	7077	370.42	92	false
899.446	3.6	146	5081	349.04	124	false
1056.477	2.8		5481	259.00	61	false
1095.533	4.7	513	7480	413.54	133	false
1105.546	7.6	869	7295	671.15	226	false
1106.513	5.4	561	5064	471.50	248	false
1121.573	3.8		7051	349.00	60	false
1149.538	5.8		9491	532.00	87	false
1162.583	5.2		8143	472.00	75	false
1170.530	7.7	1346	7782	674.34	233	false
1261.591	3.7	178	7297	306.42	135	false
1267.610	3.0	91	8042	253.75	102	false
1301.589	4.0	237	8527	333.49	130	false
1325.616	3.9	335	7928	326.92	141	false
1343.639	8.1	1474	9244	672.65	254	false
1369.637	3.9	180	11268	317.04	95	false
1409.683	3.2	116	7400	259.63	136	false
1417.692	4.8	441	8179	395.62	188	false
1446.741	7.7	211	8337	620.31	285	false
1453.724	56.8	108511	9145	4583.19	1977	false
1459.667	7.2	1443	8763	582.20	272	false
1465.668	8.8	2684	9674	706.11	296	false
1485.759	4.6	339	8073	367.94	174	false
1560.795	29.2	26093	9394	2269.71	1074	false
1563.741	3.2	454	4927	247.87	250	false
1566.719	3.2	108	10224	248.91	113	false
1576.724	4.5	144	7946	355.13	215	false
1592.718	11.6	5020	9376	909.75	467	false
1605.778	14.4	1631	9168	1113.72	572	false
1621.756	4.8	170	9326	366.53	200	false
1636.750	14.8	24542	9494	1147.45	605	false
1702.318	4.0	150	4958	294.13	329	false
1765.873	3.2		8316	248.50	60	false
1784.827	3.0		10363	231.50	50	false
1816.827	3.1	152	8718	226.35	170	false
1832.839	4.5	394	9693	316.32	203	false
1848.823	3.9	393	8862	274.41	206	false
1864.864	2.9		8885	220.50	54	false
1901.807	2.8		11774	212.75	41	false
2032.902	4.0	115	10396	244.71	174	false
2059.884	2.4		10311	170.50	44	false

m/z	SN	Quality Fac.	Res.	Intens.	Area	Bk. Peak
2105.979	2.6		11448	183.00	38	false
2134.995	3.7	305	8579	202.82	190	false
2163.071	12.2	5213	9338	647.44	545	false
2263.075	2.5		7775	163.00	55	false
2325.133	3.3		10248	209.00	55	false
2690.206	7.2	274	7588	231.04	333	false
2706.212	22.1	2532	9299	706.26	812	false
2793.243	3.7	141	8144	103.39	154	false
2957.431	16.4	451	8894	397.64	570	false
2976.239	4.0	95	6216	88.51	199	false
2978.293	6.2	626	13514	151.25	138	false
3054.377	2.7		13662	109.00	47	false
3062.539	4.7	281	4278	89.82	291	false
3071.278	3.6		9470	139.00	54	false
3087.332	2.8		10144	108.00	33	false
3101.336	5.5	187	7899	112.19	201	false
3117.318	3.8	56	7290	76.77	151	false
3133.312	3.9	122	8496	77.56	132	false



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MALDI-TOF

Acquisition Parameter

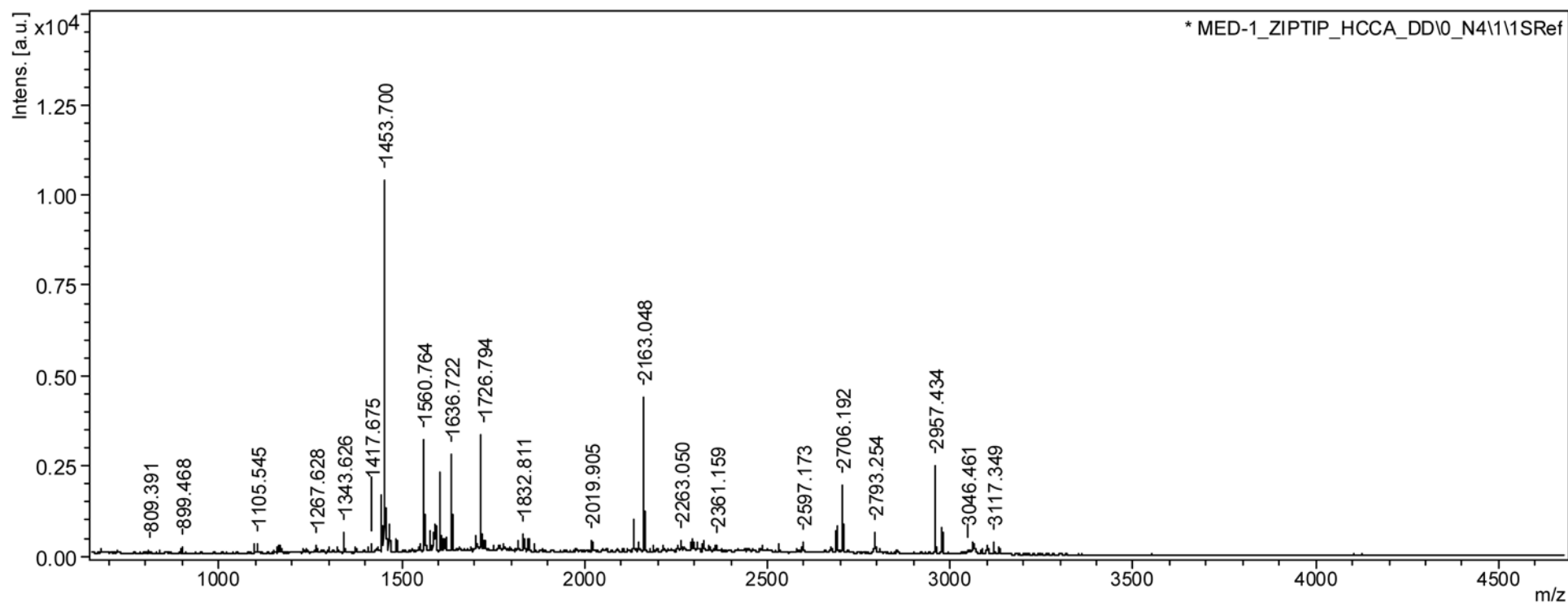
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Instrument

ULTFLEX

Date of acquisition

2016-08-25T13:34:38.906+02:00



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809.391	3.3	93	6846	136.08	31	false
899.468	4.5	356	5209	178.39	58	false
1095.519	6.9	635	7461	284.80	89	false
1105.545	8.4	286	7974	347.14	100	false
1162.564	5.9	90	7796	248.07	84	false
1170.518	6.3	740	8956	267.35	80	false
1233.609	3.6	73	8699	158.93	52	false
1267.628	5.4	579	9095	247.21	79	false
1301.575	3.9	171	9195	177.18	66	false
1325.580	4.0	165	10331	184.57	62	false
1343.626	13.6	4779	11101	641.62	193	false
1374.693	3.6	221	10276	178.24	59	false
1409.638	3.1	141	9117	152.24	66	false
1417.675	5.2	685	10663	256.16	90	false
1430.701	3.3	88	8769	165.68	66	false
1435.684	4.3	127	9694	217.45	83	false
1446.716	25.0	3208	10613	1260.05	454	false
1447.679	8.0	469	5740	402.03	283	false
1453.700	212.8	280363	9759	10655.74	4297	false
1459.656	9.7	1284	9622	489.55	194	false
1465.656	16.6	6037	10578	833.85	301	false
1485.719	8.1	1580	10161	414.66	173	false
1549.722	5.0	267	11884	258.63	94	false
1560.764	64.1	56199	10543	3403.98	1444	false
1562.752	13.4	1427	8760	705.30	349	false
1576.704	9.1	652	10363	486.02	216	false
1585.718	11.3	918	8395	601.70	352	false
1590.701	5.1	112	8725	269.08	156	false
1592.697	13.5	1900	10404	718.58	326	false
1594.715	5.0	445	12643	264.05	90	false
1605.749	39.5	5527	10720	2089.97	924	false
1615.762	8.1	542	11334	437.69	183	false
1621.726	8.3	697	9560	443.45	239	false
1636.722	49.7	130969	10828	2655.10	1219	false
1655.763	3.3	114	12650	175.61	66	false
1690.731	3.4	72	8415	183.34	125	false
1702.281	8.4	1190	6564	451.55	394	false
1706.740	3.9	74	8813	214.11	137	false
1726.794	6.4	608	11378	347.19	177	false
1751.774	3.8	86	10280	211.10	118	false
1765.794	4.2	109	10216	233.84	140	false
1816.807	6.0	582	11429	332.20	176	false
1832.811	10.3	1810	11148	564.65	314	false
1848.803	7.0	2215	10148	385.00	242	false
1863.857	3.2	94	5439	172.88	218	false
2019.905	5.8	213	11461	299.69	185	false
2134.970	17.8	8957	10929	845.44	595	false

m/z	SN	Quality Fac.	Res.	Intens.	Area	Bk. Peak
2147.021	4.2	54	9220	195.72	167	false
2163.048	78.0	88901	10803	3604.67	2579	false
2263.050	6.0	116	11747	258.48	186	false
2309.095	4.5	295	10419	189.39	160	false
2325.071	6.2	401	10434	251.39	215	false
2361.159	3.1	61	6589	118.35	164	false
2531.237	3.7	69	9122	124.74	140	false
2597.173	5.9	291	10113	190.34	195	false
2674.162	4.2	118	10865	125.79	133	false
2689.193	13.4	189	9867	398.91	438	false
2706.192	42.0	11451	10381	1218.66	1251	false
2793.254	16.4	699	10705	434.42	461	false
2808.247	3.7	76	11048	97.32	102	false
2957.434	58.0	1648	10394	1273.29	1508	false
2959.269	7.8	154	4341	154.84	453	false
2977.278	19.8	1136	10078	418.83	514	false
3046.461	3.3	171	5026	59.31	163	false
3062.489	8.3	465	5243	148.65	393	false
3069.346	4.6	234	8501	85.99	141	false
3086.377	3.6	224	8748	67.01	107	false
3099.351	3.7	56	8530	67.53	112	false
3102.355	7.3	248	9339	134.42	194	false
3117.349	10.3	648	10100	187.28	254	false
3133.325	6.3	235	11968	111.50	125	false



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MALDI-TOF

Acquisition Parameter

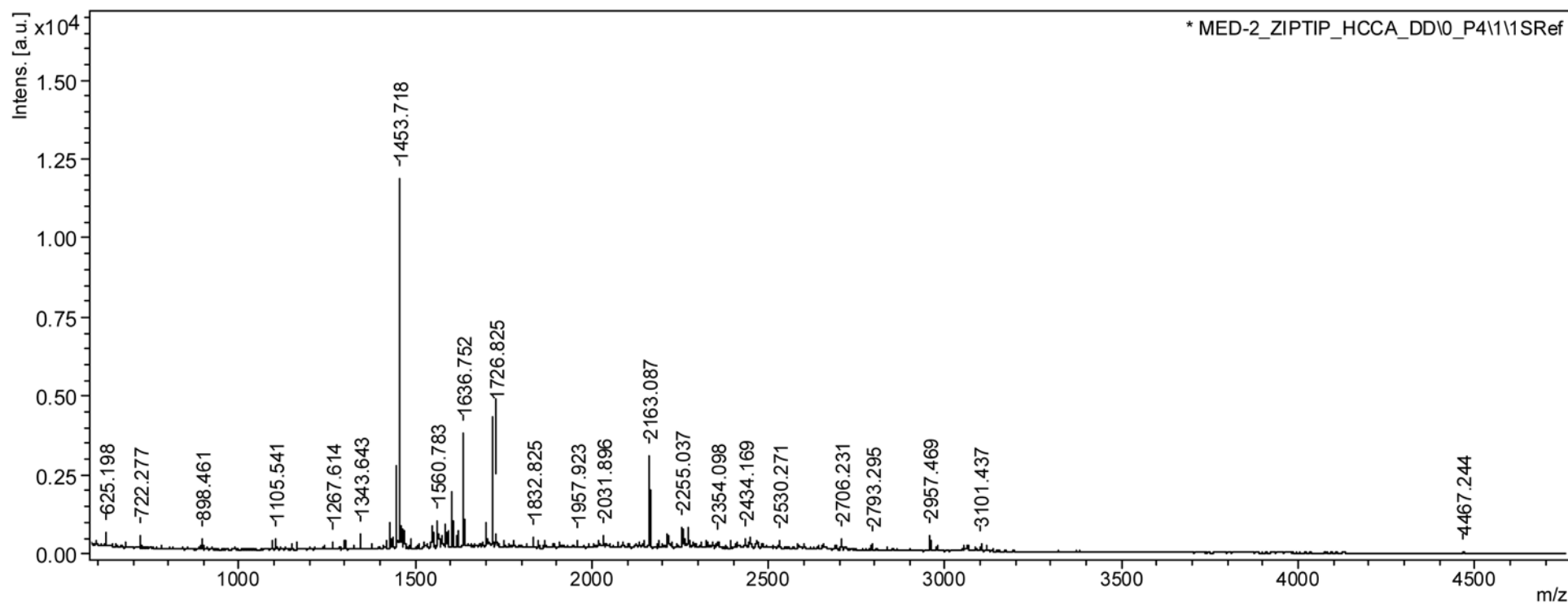
Analysis Name MED-2_ZIPTIP_HCCA_DD\0_P4\1

Instrument

ULTFLEX

Date of acquisition

2016-08-25T13:42:19.109+02:00



m/z	SN	Quality	Fac.	Res.	Intens.	Area	Bk. Peak
625.198	6.9	351	5709	513.52	100	false	
722.277	5.9	206	4789	415.83	119	false	
898.461	6.1	110	5913	394.11	120	false	
1095.521	6.2	426	6577	379.14	145	false	
1105.541	6.9	218	6140	417.68	172	false	
1163.552	4.7	164	7870	284.18	102	false	
1267.614	3.5	190	6856	218.38	105	false	
1301.578	5.1	537	8292	327.92	136	false	
1343.643	7.6	2631	8952	497.40	187	false	
1374.713	3.4	189	8253	224.99	93	false	
1417.685	4.2	407	9891	285.74	108	false	
1429.714	13.8	1876	9408	943.36	383	false	
1435.692	6.4	534	9208	428.29	183	false	
1446.741	39.3	51523	8963	2687.56	1163	false	
1453.718	174.4	248891	8585	11962.19	5493	false	
1459.673	10.7	2834	8443	726.30	334	false	
1465.671	9.9	1896	8885	678.11	300	false	
1485.744	5.6	506	9460	385.95	165	false	
1525.738	3.9	122	9797	274.84	116	false	
1548.763	9.7	244	8860	690.67	341	false	
1560.783	12.8	1713	8960	907.28	445	false	
1562.766	6.2	784	7496	437.43	258	false	
1565.745	6.5	773	9169	467.45	219	false	
1568.714	4.1	305	8688	292.21	153	false	
1576.736	5.6	325	8331	402.21	222	false	
1585.740	10.7	1768	7424	768.92	514	false	
1591.739	8.8	422	8276	623.96	350	false	
1605.781	25.6	18019	9029	1834.30	951	false	
1615.785	5.9	403	10057	422.63	198	false	
1620.752	7.1	513	8820	516.13	299	false	
1622.763	3.7	371	13940	274.67	87	false	
1636.752	52.2	83458	9298	3748.49	1995	false	
1698.850	3.7	59	7945	267.06	187	false	
1702.321	10.0	1362	6202	728.02	660	false	
1726.825	6.2	383	10886	449.63	233	false	
1749.821	3.7	77	8573	273.27	188	false	
1832.825	5.0	501	8704	371.11	282	false	
1848.814	3.8	291	9253	280.94	206	false	
1863.956	3.0	91	5801	222.50	247	false	
1957.923	3.2	175	8587	226.05	190	false	
2031.896	6.0	371	7379	396.57	412	false	
2163.087	41.6	26313	9491	2543.65	2049	false	
2188.128	3.6	156	7378	211.98	223	false	
2216.043	6.5	1408	9822	378.23	312	false	
2255.037	10.7	77	9785	604.26	517	false	
2263.091	4.3	125	8779	240.59	232	false	
2272.047	8.4	231	9035	462.15	443	false	

m/z	SN	Quality Fac.	Res.	Intens.	Area	Bk. Peak
2274.075	3.9	433	6887	213.47	270	false
2325.109	4.0	82	10564	211.81	177	false
2354.098	3.3	51	9546	168.40	163	false
2393.111	3.7	132	9381	183.77	181	false
2409.137	4.3	132	11835	211.54	158	false
2434.169	5.2	375	8193	245.44	291	false
2450.204	4.4	220	9078	206.07	216	false
2530.271	4.9	197	8508	211.65	251	false
2600.198	3.0	56	9359	122.66	136	false
2706.231	6.4	180	8712	234.74	293	false
2793.295	5.4	185	9088	181.07	223	false
2957.469	10.7	289	9427	299.64	391	false
2976.337	4.1	80	7950	110.18	179	false
3054.489	4.3	329	8369	103.68	168	false
3062.550	4.5	275	5076	101.67	274	false
3101.437	5.4	108	7406	120.51	235	false
4467.244	4.1	51	9651	18.97	49	false



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MALDI-TOF

Acquisition Parameter

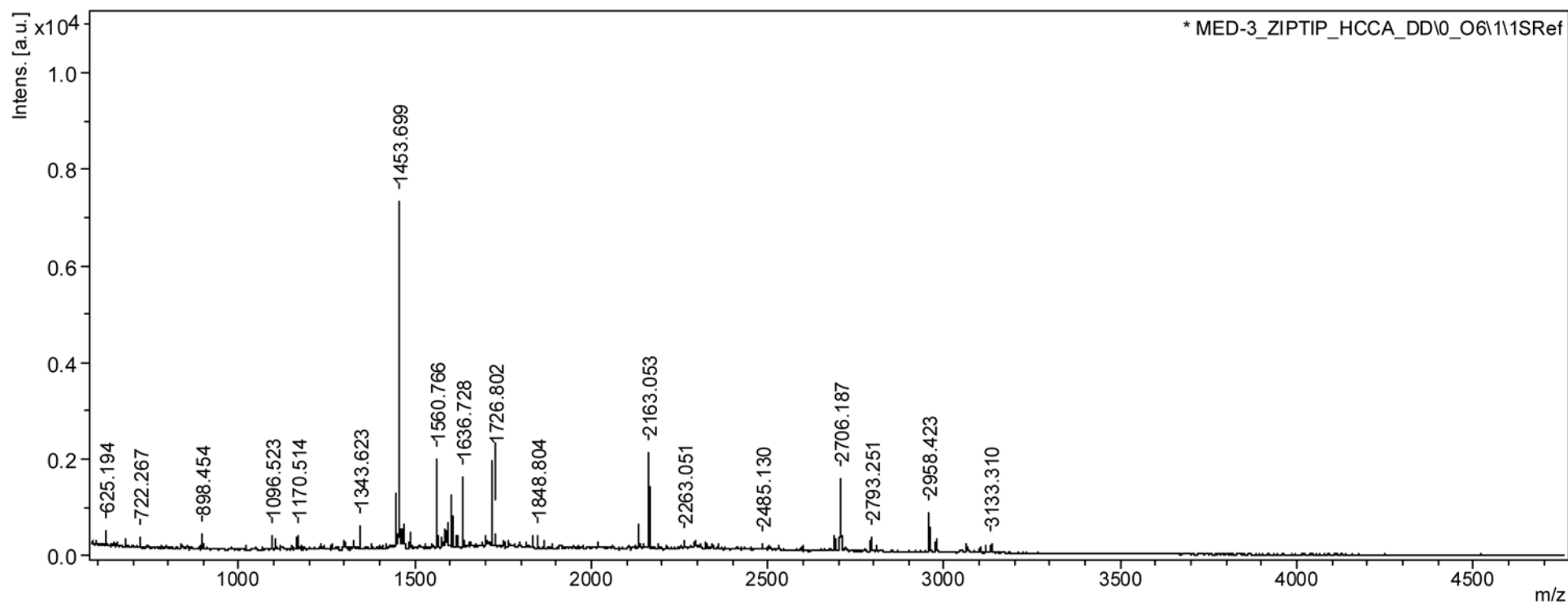
Analysis Name MED-3_ZIPTIP_HCCA_DD\0_O6\1

Instrument

ULTFLEX

Date of acquisition

2016-08-25T13:40:55.828+02:00



m/z	SN	Quality	Fac.	Res.	Intens.	Area	Bk. Peak
625.194	5.0	136	5371	329.09	68	false	
678.231	3.1	70	6727	204.34	34	false	
722.267	4.7	184	4597	299.53	90	false	
898.454	6.5	123	5986	378.89	112	false	
1096.523	3.4	113	8408	184.99	51	false	
1105.539	5.7	68	7242	311.58	106	false	
1162.570	5.3	89	8874	295.61	87	false	
1170.514	5.8	661	9964	317.94	88	false	
1301.565	3.6	158	8285	206.00	86	false	
1325.582	3.5	113	9940	199.52	70	false	
1343.623	9.6	2357	11126	546.20	165	false	
1446.713	20.1	951	10975	1175.48	415	false	
1453.699	125.5	231591	10583	7330.79	2718	false	
1459.653	7.5	811	10212	441.07	171	false	
1465.645	8.5	1359	11014	507.34	185	false	
1485.728	6.2	802	10051	363.04	143	false	
1560.766	32.9	20812	11262	1975.48	780	false	
1562.763	10.9	758	9213	642.76	291	false	
1566.692	3.3	127	9334	194.34	99	false	
1576.721	4.8	206	9305	281.05	134	false	
1585.718	7.2	170	8591	430.51	249	false	
1592.704	9.8	311	10715	588.47	255	false	
1605.748	20.3	2540	10952	1196.80	516	false	
1615.760	5.8	294	11203	345.44	142	false	
1621.725	5.2	102	9620	309.73	165	false	
1636.728	25.5	31985	11418	1527.47	665	false	
1702.291	4.5	106	5860	266.65	254	false	
1726.802	5.8	592	12169	340.83	152	false	
1765.793	3.4	61	8819	200.23	137	false	
1816.809	3.0	99	12727	176.48	86	false	
1832.810	5.6	474	13734	328.11	150	false	
1848.804	5.7	596	11431	333.73	182	false	
1864.831	3.2	109	7166	187.08	178	false	
2134.973	9.7	2176	11568	461.90	311	false	
2163.053	38.0	25945	11917	1765.86	1133	false	
2263.051	3.9	90	11428	165.72	122	false	
2325.090	3.2	83	9025	124.75	123	false	
2485.130	3.3	55	9744	112.11	114	false	
2690.183	8.1	263	10003	227.37	250	false	
2706.187	35.4	7023	11457	979.71	921	false	
2793.251	8.4	200	10835	213.44	223	false	
2958.423	20.0	1063	11551	428.30	454	false	
2976.262	8.1	178	10831	169.55	202	false	
3101.318	4.1	52	10547	72.05	96	false	
3117.320	4.4	73	9438	76.85	115	false	
3133.310	6.0	352	12294	103.76	120	false	



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MALDI-TOF

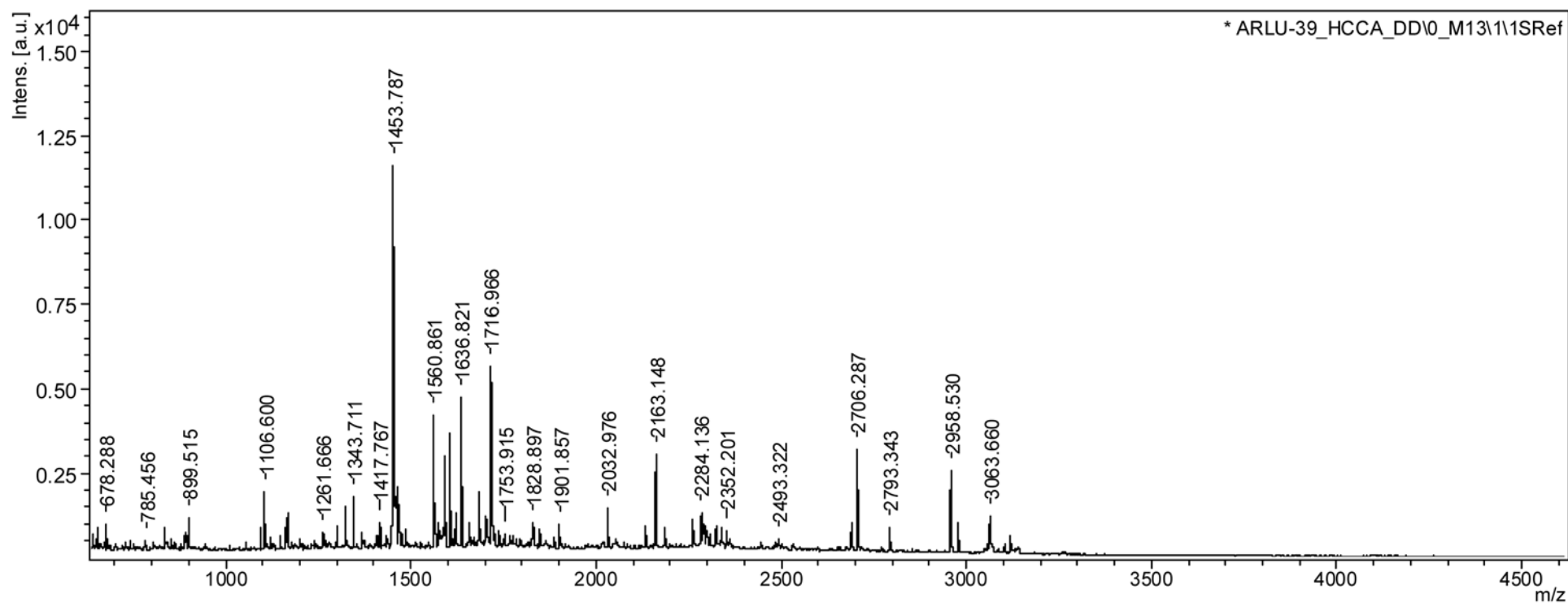
Acquisition Parameter

Analysis Name ARLU-39_HCCA_DD\0_M13\1

Instrument

ULTFLEX

Date of acquisition 2016-09-02T13:01:54.187+02:00



m/z	SN	Quality Fac.	Res.	Intens.	Area	Bk. Peak
644.286	6.1	352	5028	539.96	108	false
649.967	4.5	76	6003	398.36	79	false
655.992	8.6	279	5415	756.47	167	false
678.288	9.5	962	5050	836.03	185	false
744.392	3.7	110	5173	323.71	76	false
785.456	4.0	126	5100	353.64	92	false
805.416	3.2	110	5512	280.36	71	false
836.447	3.3	96	5324	289.62	85	false
837.450	6.2	417	6253	542.31	133	false
855.464	3.8	145	5668	339.54	92	false
861.081	3.7	315	7125	327.45	69	false
887.449	5.2	365	6198	457.28	120	false
892.494	6.4	576	5943	565.11	157	false
898.505	5.2	310	5966	460.22	125	false
899.515	9.3	1661	5759	819.65	238	false
1056.528	3.4	165	7829	309.51	83	false
1095.591	8.2	1564	7048	746.03	246	false
1105.616	7.0	684	6335	642.44	246	false
1106.600	14.5	8355	7267	1324.86	432	false
1121.625	4.0	190	5767	363.72	159	false
1162.648	11.0	143	7378	1017.48	349	false
1170.588	11.7	6784	7753	1101.76	374	false
1261.666	6.0	500	7832	574.94	214	false
1267.697	4.9	475	8137	475.15	168	false
1298.646	3.1	75	9820	296.16	93	false
1301.665	7.2	1403	8027	691.47	277	false
1325.679	13.5	8284	8952	1315.35	480	false
1343.711	18.3	5793	8862	1826.81	696	false
1369.698	5.6	1043	10373	558.45	182	false
1374.778	3.3	148	7965	321.15	131	false
1409.760	4.6	321	8669	461.24	188	false
1417.767	8.4	1983	9822	845.07	306	false
1435.757	4.1	172	10164	416.90	155	false
1446.797	6.7	113	7912	680.55	317	false
1453.787	111.3	280546	9711	11376.94	4545	false
1459.734	15.5	24782	9757	1588.08	633	false
1465.734	18.3	22530	10406	1851.16	704	false
1485.817	6.4	528	9320	644.95	266	false
1560.861	38.9	46726	10459	3952.83	1660	false
1562.862	8.3	887	6881	845.15	546	false
1576.790	7.5	864	10140	765.85	334	false
1584.803	3.2	369	3672	326.15	468	false
1592.781	26.2	56186	10113	2700.78	1244	false
1594.792	5.2	579	10763	532.27	249	false
1605.833	11.7	1330	10447	1202.35	584	false
1606.835	21.3	24842	9993	2164.90	1020	false
1615.829	3.3	74	8963	336.07	170	false

m/z	SN	Quality Fac.	Res.	Intens.	Area	Bk. Peak
1621.817	8.8	113	9391	900.37	493	false
1636.821	42.8	82435	11674	4345.78	1805	false
1658.802	7.9	1652	11405	805.74	362	false
1668.846	3.5	112	10835	365.52	157	false
1682.830	4.3	101	10128	438.37	235	false
1684.840	12.7	4685	13135	1293.04	509	false
1700.853	4.8	131	7620	494.69	356	false
1702.376	8.3	398	6754	847.12	701	false
1716.966	49.8	62555	10883	5052.84	2509	false
1723.884	3.8	145	12358	383.20	160	false
1726.907	4.3	457	12667	432.15	176	false
1738.933	4.7	444	11165	473.06	217	false
1753.915	3.2	113	8956	325.53	220	false
1765.890	4.2	116	10550	423.66	232	false
1778.367	3.4	148	5165	346.94	414	false
1794.363	3.4	116	5143	343.00	423	false
1828.897	7.3	3042	14364	736.21	298	false
1832.908	5.1	490	12262	523.20	270	false
1848.897	6.5	826	12706	659.87	325	false
1901.857	7.6	1921	11037	758.30	449	false
2032.976	12.6	9141	13377	1124.59	608	false
2135.077	6.7	367	11025	546.20	367	false
2163.148	27.5	24986	12333	2203.36	1375	false
2187.118	6.2	99	12421	478.82	309	false
2263.169	9.0	997	10947	649.12	487	false
2284.136	12.0	4742	13616	853.49	526	false
2291.091	8.5	244	10656	598.12	487	false
2307.106	5.0	70	9812	343.91	308	false
2325.187	7.5	723	12861	519.42	351	false
2341.182	5.8	150	11079	387.61	311	false
2352.201	6.2	579	14818	414.23	231	false
2486.243	3.2	76	7912	185.51	228	false
2493.322	4.3	292	8249	244.55	290	false
2690.283	11.2	211	9806	533.20	591	false
2706.287	43.8	1709	10741	2069.83	2066	false
2793.343	11.1	92	10408	465.27	516	false
2958.530	42.4	3606	10491	1437.55	1654	false
2977.371	15.5	176	9813	516.01	654	false
3046.588	3.1	142	4067	77.55	272	false
3063.660	18.5	382	5248	560.73	1258	false
3070.415	5.4	401	8701	163.34	253	false
3103.443	5.8	102	9191	167.85	246	false
3118.424	10.4	602	9927	297.13	408	false



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MALDI-TOF

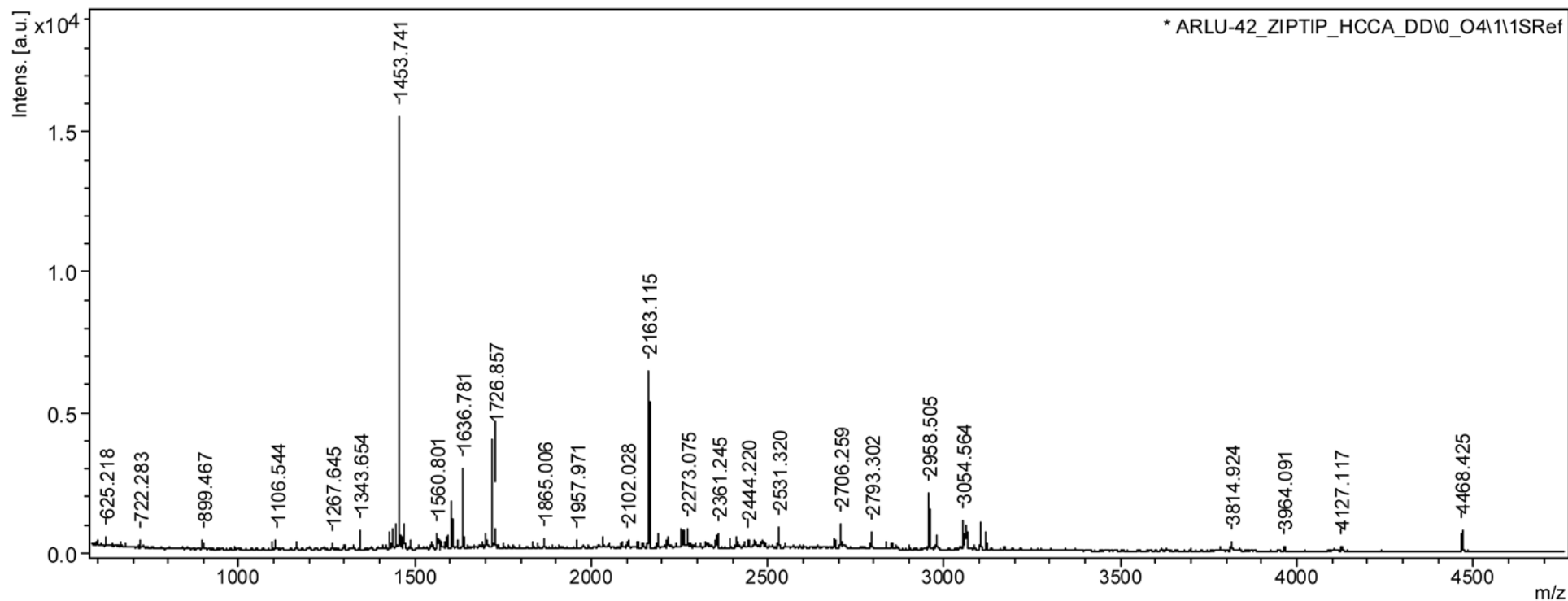
Acquisition Parameter

Analysis Name ARLU-42_ZIPTIP_HCCA_DD\0_04\1

Instrument

ULTFLEX

Date of acquisition 2016-08-25T13:38:09.593+02:00



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625.218	5.4	217	5021	387.51	80	false
722.283	4.7	132	5022	317.07	88	false
899.467	5.9	269	4967	353.23	127	false
1095.535	6.0	890	6079	329.25	133	false
1106.544	6.4	333	6042	348.21	143	false
1162.587	6.4	350	6760	347.28	143	false
1267.645	4.2	274	7308	231.17	97	false
1325.633	3.3	140	6100	184.57	106	false
1343.654	12.4	3770	8057	694.10	294	false
1409.722	3.0	93	5587	172.49	122	false
1417.696	3.2	172	6610	184.26	112	false
1429.725	11.1	2443	7542	636.70	323	false
1435.723	13.2	3919	8139	758.39	355	false
1446.749	14.7	6068	7988	849.49	421	false
1453.741	269.9	358809	7365	15711.62	8391	false
1459.690	8.0	1368	7718	462.28	236	false
1465.693	8.5	1582	7545	498.81	252	false
1485.768	4.9	682	8720	286.63	129	false
1548.767	4.1	76	7472	243.13	149	false
1560.801	7.6	551	7679	452.02	267	false
1562.793	4.7	381	7045	282.83	180	false
1564.768	4.5	214	7747	266.99	157	false
1568.718	4.5	348	7325	268.82	182	false
1576.725	4.0	171	7501	236.34	153	false
1585.791	4.3	189	4436	259.99	287	false
1592.733	7.2	418	7382	434.70	282	false
1605.789	14.6	3772	8525	885.48	490	false
1606.775	14.0	1611	7531	849.33	550	false
1621.770	5.6	91	7255	345.18	243	false
1636.781	48.1	61712	7905	2942.94	1829	false
1698.875	4.7	138	7033	291.58	235	false
1702.353	9.2	734	5048	568.60	629	false
1726.857	11.4	6572	9011	710.71	436	false
1832.868	4.5	337	7908	285.94	229	false
1848.857	3.0	176	8630	193.16	150	false
1865.006	4.7	290	6449	300.43	287	false
1957.971	4.1	387	7415	251.99	242	false
2049.927	3.2	91	7955	186.56	185	false
2086.017	3.1	93	7442	176.24	185	false
2102.028	4.0	86	8045	231.87	220	false
2163.115	95.7	134938	8563	5388.29	4877	false
2189.156	6.8	707	7627	374.27	389	false
2216.057	5.1	568	7623	273.63	306	false
2263.136	9.9	1556	8387	529.24	515	false
2273.075	10.7	1928	12071	568.25	379	false
2325.128	3.9	89	9400	198.80	192	false
2354.142	5.7	447	8758	288.18	301	false

m/z	SN	Quality Fac.	Res.	Intens.	Area	Bk. Peak
2361.245	7.5	391	8032	373.38	414	false
2393.125	4.8	548	9094	234.84	240	false
2410.144	6.1	297	10860	295.61	249	false
2434.196	3.5	75	10698	166.95	143	false
2444.220	5.3	367	9054	253.53	266	false
2461.236	3.8	75	8125	177.35	210	false
2531.320	11.3	1227	9118	507.42	546	false
2690.254	5.9	237	8610	231.36	299	false
2706.259	15.9	445	7986	612.68	852	false
2717.324	3.6	54	7287	136.43	209	false
2793.302	9.2	186	8809	330.40	447	false
2835.397	5.1	152	9971	179.24	217	false
2853.431	3.8	84	8972	130.04	171	false
2958.505	34.6	398	9658	1087.83	1389	false
2977.337	9.4	360	8300	281.61	454	false
3054.564	20.7	5632	8698	588.66	889	false
3062.588	15.3	847	5409	401.01	1042	false
3086.526	3.7	139	6638	100.94	205	false
3102.500	19.9	745	8804	545.24	840	false
3117.416	11.0	199	7951	290.54	524	false
3120.444	4.2	442	10851	114.69	137	false
3781.879	5.0	67	5665	57.18	192	false
3814.924	10.5	90	8864	136.27	271	false
3964.091	5.8	109	7889	60.32	149	false
4105.123	4.1	52	8034	36.55	97	false
4127.117	7.4	196	7897	66.29	171	false
4468.425	30.1	489	8637	205.23	503	false



REDE DE INFRAESTRUTURAS DE APOIO
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E O DESENVOLVIMENTO TECNOLÓGICO
(RIADT)

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MALDI-TOF

Acquisition Parameter

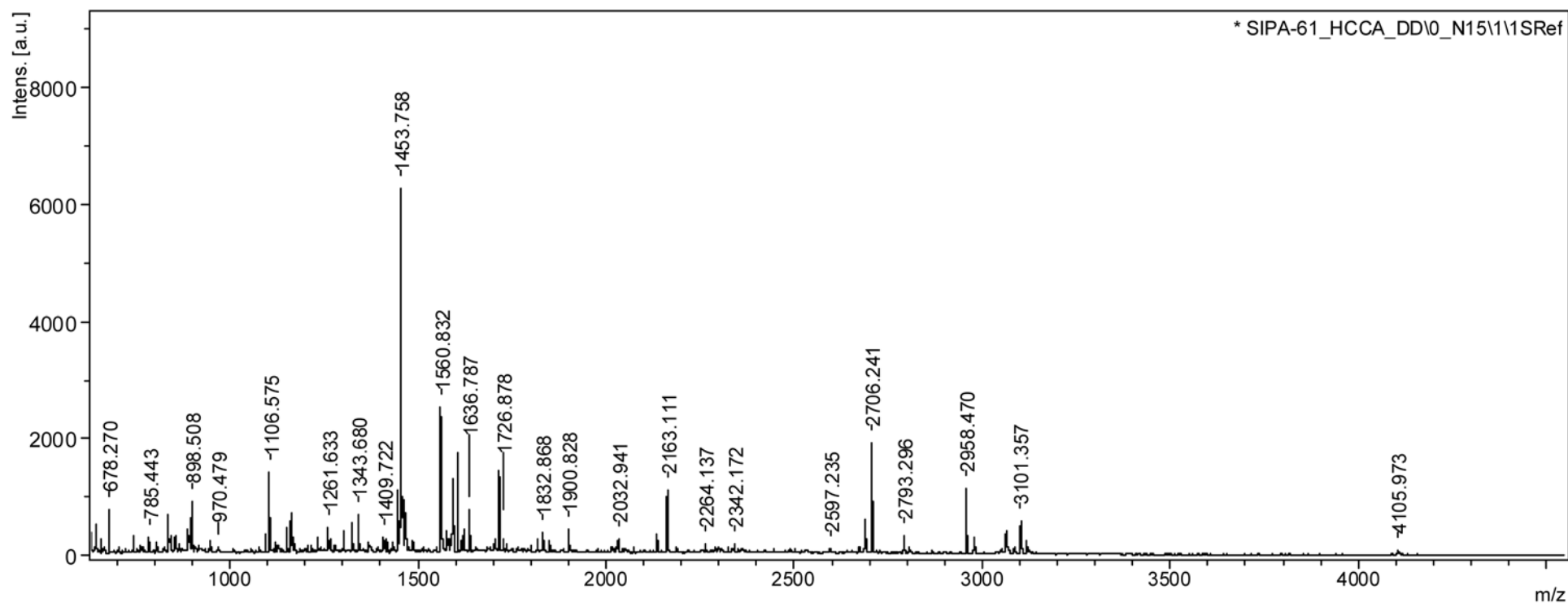
Analysis Name SIPA-61_HCCA_DD\0_N15\1

Instrument

ULTIFLEX

Date of acquisition

2016-09-02T13:09:04.281+02:00



m/z	SN	Quality Fac.	Res.	Intens.	Area	Bk. Peak
632.257	15.1		6168	386.00	47	false
644.289	20.6		6367	526.50	56	false
656.010	11.2		6802	288.00	29	false
678.270	30.2		6901	774.00	81	false
744.382	11.2	814	7482	322.07	53	false
760.382	5.4	168	6402	155.71	31	false
766.378	3.9	119	6568	112.34	23	false
785.443	11.5	392	7066	331.47	61	false
805.408	8.7		7127	226.00	28	false
836.452	14.5	1734	8310	426.59	76	false
837.441	17.6	3293	8183	509.52	91	false
841.467	7.1	127	6046	207.93	50	false
843.404	9.3	896	10137	274.65	42	false
853.438	9.6	776	7936	283.91	55	false
854.471	5.0	122	11543	145.31	23	false
855.454	8.2	289	7640	239.45	47	false
859.421	5.7	82	9788	167.60	29	false
861.095	3.4	131	8032	100.51	19	false
868.479	6.4	347	7662	186.13	37	false
886.442	8.3	346	9668	244.53	43	false
887.433	11.4	1777	8505	339.92	66	false
892.480	11.5	722	7772	339.98	69	false
898.508	21.0	3674	8409	619.43	119	false
899.509	19.2	3386	9149	572.61	106	false
920.463	5.0	97	9172	148.98	29	false
946.440	6.9	330	9477	207.18	40	false
970.479	4.2	137	7675	126.96	30	false
1011.511	4.5		12149	124.00	16	false
1056.517	4.1	94	9386	128.69	30	false
1095.572	11.8	2282	9545	368.78	86	false
1105.590	20.3	2216	10030	651.74	152	false
1106.575	30.2	7982	10798	945.65	204	false
1121.618	5.1	172	8997	161.43	41	false
1133.498	3.3	140	7842	104.55	37	false
1149.573	14.9	5676	11718	483.68	101	false
1162.622	17.8	2931	11583	566.60	120	false
1163.602	9.4	283	9336	299.46	80	false
1170.561	8.8	633	12222	281.51	60	false
1206.582	4.0	57	11254	132.39	33	false
1233.675	8.1	1018	11021	264.10	64	false
1261.633	12.3	1232	13100	406.85	87	false
1267.676	8.1	836	12023	270.65	64	false
1279.635	3.7	83	12757	121.21	27	false
1281.624	4.0	65	16104	134.55	25	false
1301.633	11.3	2779	13623	383.30	85	false
1325.653	16.9	6099	14513	558.43	119	false
1343.680	18.7	9520	14763	622.45	137	false

m/z	SN	Quality Fac.	Res.	Intens.	Area	Bk. Peak
1369.674	5.2	151	12914	177.08	44	false
1374.754	4.5	154	12102	148.56	40	false
1409.722	8.1	1617	12211	271.24	80	false
1417.739	7.4	549	13214	254.86	66	false
1435.744	5.7	213	13848	192.08	48	false
1446.783	35.3	6093	15453	1190.36	278	false
1453.758	184.0	71021	15219	6275.55	1537	false
1459.709	26.4	12608	14771	924.09	229	false
1465.708	26.9	34281	15398	908.75	221	false
1485.787	6.6	297	12372	228.11	68	false
1560.832	77.4	53578	15722	2617.62	695	false
1562.838	17.2	1188	13702	585.22	174	false
1566.758	6.4	591	14469	217.64	64	false
1576.762	9.2	2391	14660	317.39	94	false
1585.775	7.6	360	13185	258.07	90	false
1592.759	29.6	2489	15888	1018.78	283	false
1594.768	16.8	1172	18849	575.22	139	false
1605.810	46.0	4311	16396	1616.16	441	false
1615.829	6.1	277	12170	206.61	74	false
1621.801	11.8	854	16804	404.87	110	false
1636.787	21.3	16994	16279	733.69	210	false
1701.762	3.4	71	8514	114.23	80	false
1702.361	3.8	195	10067	126.42	66	false
1726.878	8.1	1281	15653	267.07	85	false
1735.839	4.4	65	13568	145.75	56	false
1766.867	3.1	58	14355	103.86	39	false
1800.863	3.8	135	19909	129.43	37	false
1816.878	7.4	1088	16447	247.07	87	false
1832.868	11.0	3844	16520	361.66	128	false
1848.860	6.3	759	17100	208.05	74	false
1885.857	3.3		12973	103.00	16	false
1900.828	12.0	894	18431	383.62	130	false
1978.906	3.1		15724	97.00	15	false
2020.974	3.6	95	17874	104.69	37	false
2027.906	3.9	157	17389	118.44	48	false
2032.941	7.8	1322	17451	234.16	92	false
2073.965	3.3	197	17022	93.15	38	false
2135.041	10.8	2402	18871	290.06	106	false
2163.111	34.6	25728	19062	933.74	348	false
2189.129	4.1		16488	124.00	24	false
2264.137	6.0		19353	176.00	27	false
2290.080	3.6	78	18251	86.23	36	false
2342.172	4.8	171	14986	112.38	61	false
2597.235	3.4	87	20279	63.96	28	false
2673.227	3.8		15329	98.00	22	false
2689.239	21.6	290	16694	377.36	226	false
2692.230	6.7	284	15263	115.14	83	false

m/z	SN	Quality Fac.	Res.	Intens.	Area	Bk. Peak
2706.241	73.9	20733	17420	1266.20	718	false
2793.296	12.0	234	19211	195.06	109	false
2958.470	42.4	919	17325	585.21	385	false
2976.299	6.7	100	15056	89.92	74	false
2978.306	8.9	200	17269	119.00	83	false
3063.604	14.0	181	6089	171.11	331	false
3069.348	5.5	171	13079	67.30	67	false
3085.346	5.9	125	11919	71.25	84	false
3101.357	29.1	965	16823	347.36	259	false
3117.347	12.6	131	15896	146.59	120	false
4105.973	8.2		19360	81.00	21	false

MALDI-TOF

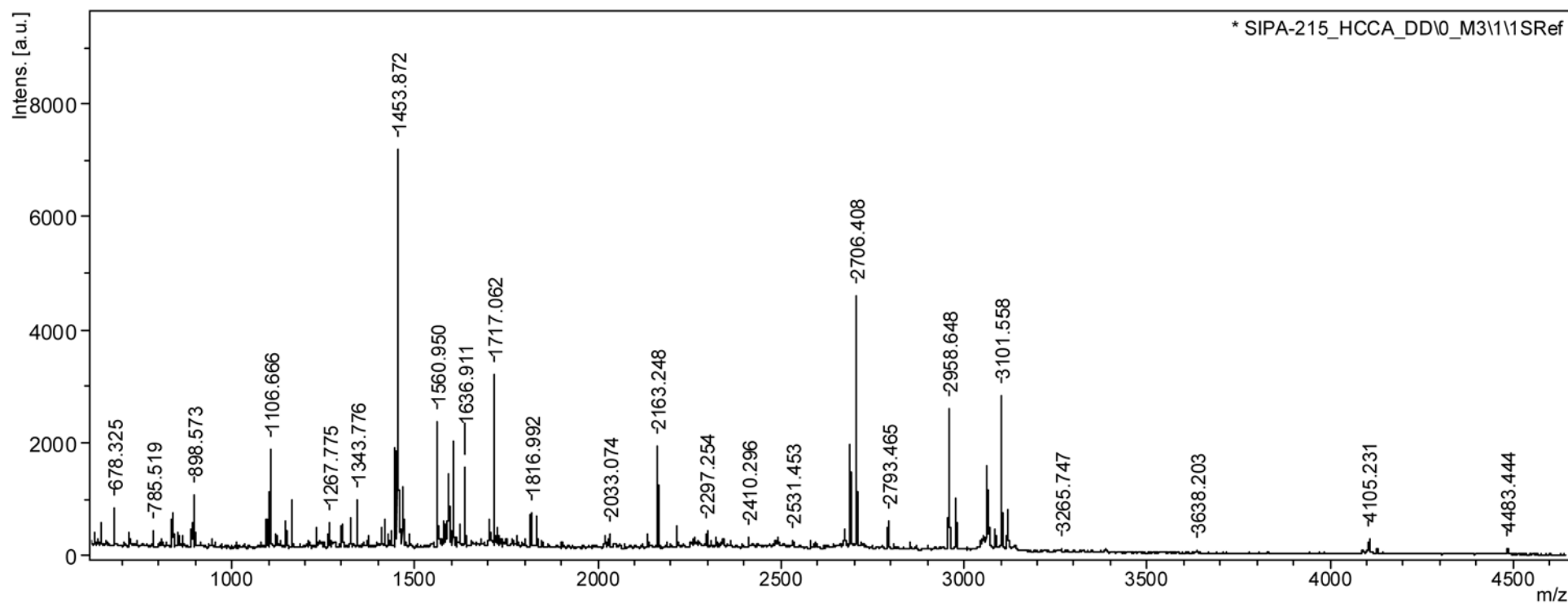
Acquisition Parameter

Analysis Name SIPA-215_HCCA_DD\0_M3\1

Instrument

ULTFLEX

Date of acquisition 2016-08-23T14:20:00.328+02:00



m/z	SN	Quality Fac.	Res.	Intens.	Area	Bk. Peak
625.290	4.4		3513	317.50	56	false
644.318	6.2	403	4703	413.01	94	false
678.325	10.0	1407	5194	668.17	144	false
722.364	4.7		6182	329.00	55	false
785.519	5.1		5107	354.50	62	false
836.504	8.7	1054	5546	546.58	156	false
837.502	7.0	497	4730	442.27	136	false
841.525	4.8	134	5054	305.50	94	false
843.452	3.8	160	5099	243.57	80	false
854.515	6.3	86	5625	397.08	110	false
868.530	3.5	98	4216	216.81	88	false
886.502	3.7	226	5750	229.19	69	false
887.509	4.5	300	5272	282.80	88	false
892.541	7.9	617	5492	490.98	154	false
898.573	12.0	1878	5327	743.84	238	false
899.590	9.0	705	5472	558.62	165	false
946.527	3.4	166	4883	211.30	80	false
1095.655	10.4	1831	6508	624.71	221	false
1105.677	16.6	2281	5845	1007.02	413	false
1106.666	18.4	6113	6288	1116.35	422	false
1121.688	4.4	200	5521	264.17	120	false
1149.664	8.7	1124	5976	530.19	224	false
1162.708	12.7	1523	6820	766.17	292	false
1163.673	5.5	346	4399	329.42	199	false
1233.766	6.2	565	6703	378.60	160	false
1261.733	4.5	192	6639	272.48	121	false
1267.775	7.0	964	6446	429.18	199	false
1301.727	7.1	1035	7029	436.92	199	false
1325.759	8.5	2081	6568	520.67	260	false
1343.776	13.0	3663	7143	796.51	381	false
1374.842	3.1	112	6085	188.85	116	false
1409.831	6.6	758	6987	406.48	216	false
1417.847	8.3	1941	6635	515.28	283	false
1429.848	4.6	218	7067	285.46	154	false
1435.851	5.3	429	6603	331.92	193	false
1446.892	32.4	13323	7040	2012.11	1081	false
1453.872	117.6	212006	7108	7319.62	3972	false
1459.822	17.1	19291	7052	1073.26	594	false
1465.822	17.2	15477	7445	1069.24	560	false
1469.862	8.2	2211	7415	512.27	272	false
1485.892	4.3	331	7607	265.16	142	false
1560.950	40.3	23801	7574	2485.63	1427	false
1562.938	11.0	1757	6982	678.30	449	false
1566.863	6.0	463	8334	373.11	207	false
1576.869	7.6	1443	6858	465.51	315	false
1585.901	7.6	411	5113	466.31	453	false
1592.879	20.8	4176	7440	1293.23	796	false

m/z	SN	Quality Fac.	Res.	Intens.	Area	Bk. Peak
1605.933	27.7	3597	7612	1706.30	1045	false
1615.956	3.7	131	7226	225.40	138	false
1621.904	6.3	450	6563	384.11	302	false
1636.911	23.3	39349	7538	1433.58	935	false
1702.474	8.0	1129	4649	486.42	600	false
1707.909	4.0	138	5325	240.16	254	false
1717.062	49.3	110389	7539	3009.08	2127	false
1726.988	6.1	1249	7712	367.61	270	false
1778.451	3.2	397	4145	183.91	285	false
1816.992	10.0	2412	8675	606.56	447	false
1833.017	9.0	3157	7887	536.79	415	false
2020.110	3.8	95	7547	201.42	189	false
2033.074	4.2	548	7640	221.63	212	false
2135.156	3.9	347	8098	192.84	191	false
2163.248	30.3	54650	8788	1471.21	1309	false
2216.206	6.4	1374	6986	297.53	354	false
2297.254	5.0	536	9287	217.63	206	false
2325.286	3.8	336	8982	163.18	162	false
2341.294	3.4	104	7949	141.89	164	false
2410.296	3.5	219	9949	142.01	128	false
2486.344	2.8		7264	172.00	64	false
2531.453	3.0		8535	180.00	51	false
2581.355	3.0		22979	179.00	39	false
2673.355	6.8	71	8039	218.36	318	false
2689.393	26.2	959	8451	855.69	1131	false
2691.407	13.8	905	7422	450.92	652	false
2706.408	90.0	48913	9182	2920.34	3423	false
2793.465	12.2	692	9689	367.89	437	false
2853.535	2.8		15358	139.00	33	false
2955.653	8.4	56	10701	216.36	259	false
2958.648	51.4	5073	9763	1325.81	1659	false
2977.490	23.4	1028	9496	592.10	781	false
3062.766	33.2	1330	5335	716.02	1868	false
3069.544	8.5	769	7549	191.40	355	false
3084.543	8.2	226	6631	175.11	385	false
3087.561	3.9	440	6400	84.47	188	false
3101.558	68.9	1245	9289	1552.30	2290	false
3104.504	6.2	210	4209	124.32	410	false
3117.549	17.1	129	10088	380.48	525	false
3265.747	2.2		10084	85.00	27	false
3638.203	2.1		10720	59.00	19	false
4105.231	12.4	954	10368	88.08	174	false
4127.249	4.8	115	7301	32.93	89	false
4483.444	5.3	108	10572	26.32	61	false



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MALDI-TOF

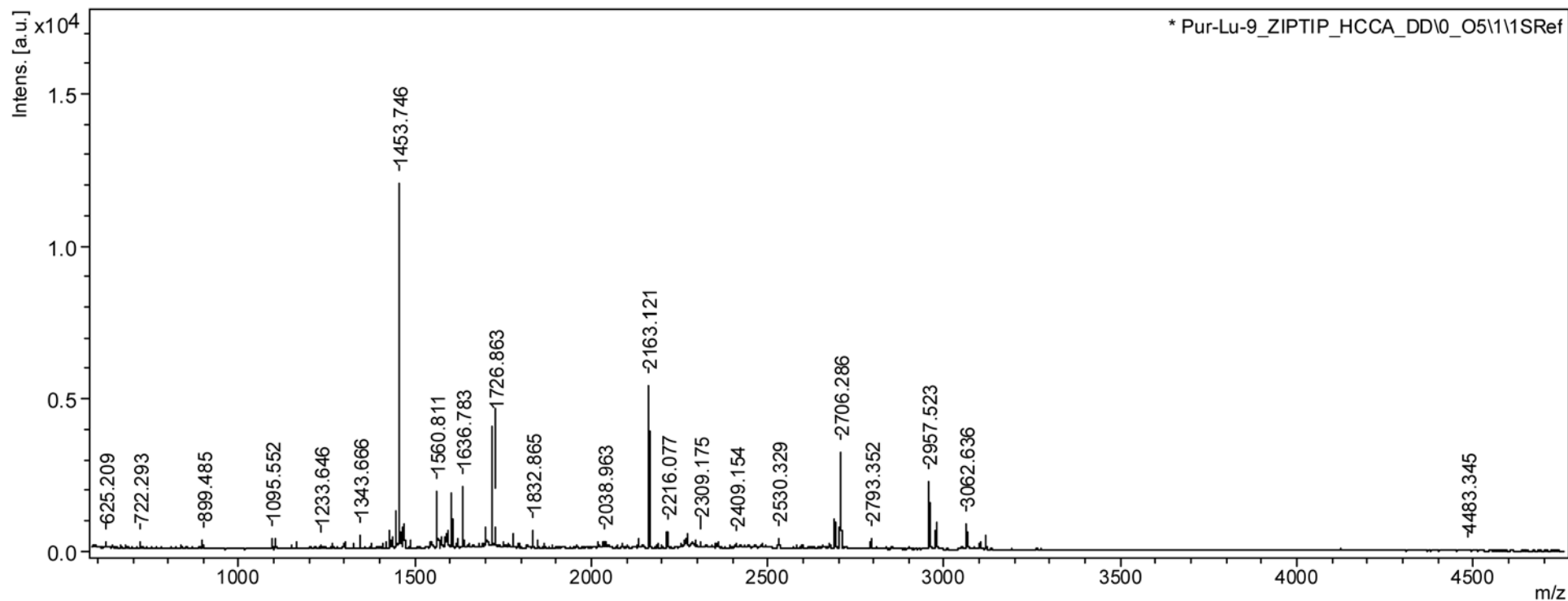
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Analysis Name Pur-Lu-9_ZIPTIP_HCCA_DD\0_O5\1

Instrument

ULTFLEX

Date of acquisition 2016-08-25T13:39:43.203+02:00



m/z	SN	Quality Fac.	Res.	Intens.	Area	Bk. Peak
625.209	4.5	122	4591	205.84	48	false
722.293	5.0	163	4622	223.94	64	false
899.485	8.0	1045	6328	327.74	91	false
1095.552	8.3	1011	7211	333.90	111	false
1105.562	7.1	368	6607	288.08	107	false
1106.525	5.6	318	5797	225.23	103	false
1162.606	7.0	156	7567	287.05	96	false
1233.646	3.5	146	7210	148.50	59	false
1268.654	3.0	111	6123	128.24	65	false
1301.615	5.5	737	8118	233.72	93	false
1325.630	4.0	190	7264	171.14	82	false
1343.666	11.5	3236	8289	502.45	201	false
1374.727	4.1	211	8838	181.65	73	false
1409.735	3.6	165	7268	159.19	79	false
1417.724	5.3	807	9280	234.05	90	false
1429.747	14.3	1999	8824	638.21	260	false
1435.730	8.7	801	9212	395.37	156	false
1446.768	30.4	17294	8934	1378.13	576	false
1453.746	269.5	339278	8592	12150.28	5446	false
1459.694	12.5	3042	9174	561.82	234	false
1465.696	16.6	6710	8947	751.93	320	false
1485.764	6.4	714	9447	295.82	126	false
1548.764	4.4	145	7641	206.60	126	false
1560.811	37.2	4232	9597	1723.28	781	false
1562.813	16.9	1546	9864	786.83	348	false
1566.745	5.5	361	10607	256.92	105	false
1568.732	3.8	337	7429	175.56	112	false
1576.748	8.2	483	8872	378.41	192	false
1584.759	5.6	349	4396	261.78	313	false
1586.784	5.0	116	10933	230.88	91	false
1590.750	4.9	174	7791	227.12	144	false
1592.753	11.3	1957	9046	531.18	269	false
1605.798	36.9	3916	9708	1716.61	820	false
1615.816	3.7	82	10532	175.90	79	false
1621.773	6.1	198	9042	287.99	166	false
1636.783	43.9	46196	9175	2082.69	1088	false
1702.340	12.5	1548	6478	589.78	510	false
1726.863	14.8	9274	10273	706.75	374	false
1749.830	4.6	157	8537	218.21	150	false
1752.836	3.1	134	7055	148.70	124	false
1778.323	7.3	1710	4489	345.13	469	false
1794.328	3.2	155	4909	151.25	193	false
1816.872	3.6	98	9185	171.13	115	false
1832.865	11.9	2877	9855	564.97	356	false
1848.862	6.4	1202	9593	303.22	193	false
2019.961	4.6	92	9709	202.36	149	false
2031.923	4.8	82	6496	202.82	241	false

m/z	SN	Quality Fac.	Res.	Intens.	Area	Bk. Peak
2038.963	5.2	70	10077	225.74	163	false
2135.043	6.7	916	10120	272.06	204	false
2163.121	111.0	162848	9835	4446.44	3427	false
2188.142	3.7	63	7789	143.09	148	false
2216.077	11.6	2885	9763	445.54	364	false
2263.132	5.9	65	9869	217.72	172	false
2267.063	3.3	51	8356	119.08	124	false
2270.073	6.5	139	8117	234.68	248	false
2273.061	6.0	357	8721	222.39	222	false
2287.103	3.5	59	7863	124.11	138	false
2309.175	3.4	61	11372	120.94	86	false
2325.152	3.1	85	8692	109.45	110	false
2354.149	3.5	114	10650	122.20	104	false
2360.238	3.7	181	5524	118.83	202	false
2409.154	4.0	114	11003	130.64	107	false
2434.194	3.2	110	10013	103.84	97	false
2530.329	6.9	197	8893	206.28	227	false
2597.250	3.1	106	6123	82.77	147	false
2687.259	3.7	70	7833	94.22	134	false
2690.279	26.7	6935	8575	693.41	851	false
2706.286	81.8	23071	8872	2084.98	2440	false
2793.352	10.8	461	8747	253.52	318	false
2957.523	59.7	1630	8952	1158.24	1583	false
2959.453	10.9	253	4857	194.39	520	false
2974.414	4.4	127	6486	81.01	159	false
2977.366	26.1	5919	8956	500.01	675	false
3062.636	27.2	1784	5641	455.36	1073	false
3101.482	9.4	205	7000	153.38	304	false
3117.428	15.9	517	8162	259.04	431	false
4483.345	3.9	116	9487	12.95	32	false



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Web: <http://www.ti.usc.es/riaidt/masas/masas.htm>

MALDI-TOF

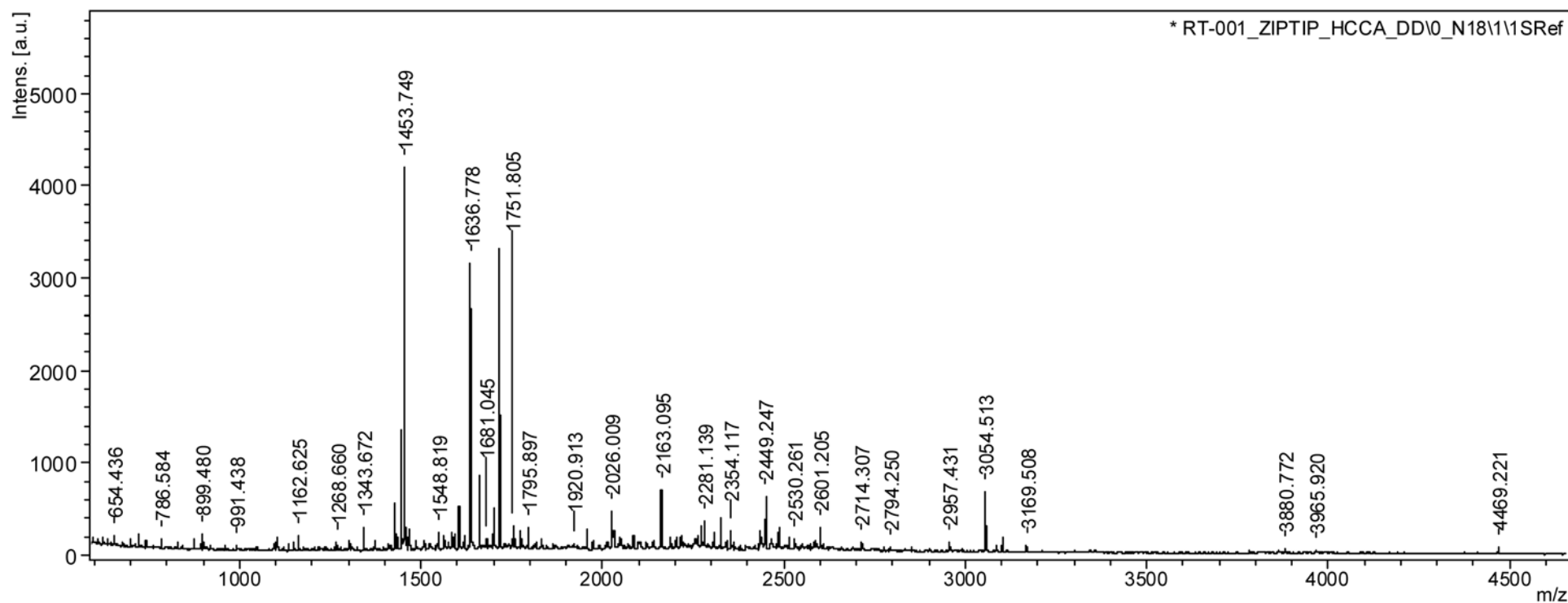
Acquisition Parameter

Analysis Name RT-001_ZIPTIP_HCCA_DD\0_N18\1

Instrument

ULTFLEX

Date of acquisition 2016-09-02T13:33:58.281+02:00



m/z	SN	Quality	Fac.	Res.	Intens.	Area	Bk. Peak
610.395	2.5			12648	112.00	15	false
625.187	3.1			4890	136.00	17	false
636.266	2.5			7872	112.00	9	false
654.436	3.6			9544	156.50	15	false
698.467	3.3			5344	141.00	21	false
722.275	3.3	72		6054	135.04	30	false
742.564	2.9			6854	122.00	15	false
786.584	3.5	99		7682	141.61	28	false
830.592	3.0			6557	117.00	17	false
874.626	3.8			11930	144.00	17	false
899.480	4.7	509		6836	167.53	43	false
962.679	2.2			6838	78.50	17	false
991.438	2.2			12927	78.00	7	false
1051.725	2.3			22318	77.00	5	false
1105.559	5.3	105		7736	166.74	54	false
1135.477	3.3			15318	108.00	12	false
1149.544	2.3			9608	76.00	13	false
1162.625	5.7	156		9794	178.26	45	false
1268.660	3.5			9870	116.00	17	false
1301.607	3.8	142		11111	118.33	37	false
1343.672	8.7	1727		11028	277.74	81	false
1374.738	3.9	220		10089	124.42	40	false
1429.749	17.5	7935		12131	568.43	170	false
1435.721	4.3	195		14018	138.72	37	false
1446.777	37.8	24497		12324	1251.70	382	false
1453.749	126.5	124547		12437	4160.20	1278	false
1459.700	7.7	948		10987	249.28	86	false
1465.700	5.4	179		11838	179.24	60	false
1485.781	4.0	139		10360	130.30	47	false
1510.752	3.9			16644	136.00	17	false
1548.819	6.1	525		11255	204.91	73	false
1560.809	5.9	100		10609	193.97	78	false
1565.750	3.7	245		11120	124.87	49	false
1585.784	4.7	253		6600	155.41	115	false
1591.743	5.5	144		16443	184.56	52	false
1605.805	15.2	2879		14062	505.23	164	false
1621.771	4.4	122		10402	147.78	72	false
1622.199	4.0	287		8871	134.48	77	false
1636.778	88.5	98438		13398	2974.93	1081	false
1659.886	22.7	16273		14416	766.60	262	false
1681.045	4.1			8961	147.25	45	false
1698.891	5.4	151		14210	181.98	69	false
1702.345	12.7	1782		7541	429.93	313	false
1751.805	3.3	163		11912	113.26	55	false
1756.895	7.6	1317		15380	262.09	92	false
1795.897	7.3			12915	265.00	44	false
1832.853	3.6	186		15219	126.61	53	false

m/z	SN	Quality	Fac.	Res.	Intens.	Area	Bk. Peak
1865.011	2.8			12915	100.00	19	false
1920.913	2.8			9500	101.00	22	false
1957.978	6.5	866		12852	217.39	110	false
1976.987	3.3			14919	121.00	23	false
2026.009	11.7	1117		13445	378.31	191	false
2031.906	6.5	355		10703	205.15	145	false
2049.908	4.0	209		11464	126.13	83	false
2086.038	5.0	332		11340	151.12	92	false
2163.095	17.7	9547		13753	513.42	281	false
2188.090	4.2	440	9126	119.16	101	false	
2205.077	3.7	100	13482	102.55	57	false	
2216.058	4.4	164	12536	125.29	80	false	
2263.107	4.8	82	12897	128.90	84	false	
2273.051	7.3	273	13045	200.27	125	false	
2281.139	9.7	1832	14177	262.44	152	false	
2309.135	6.1	186	15041	158.56	88	false	
2325.144	10.0	1456	15482	256.68	137	false	
2341.137	3.3	68	11838	84.73	61	false	
2354.117	6.0	370	12731	149.81	107	false	
2434.180	6.2	86	11601	144.96	115	false	
2438.130	4.7	286	13119	111.13	74	false	
2449.247	16.9	1790	13459	399.94	264	false	
2485.240	7.4	59	9572	163.85	174	false	
2514.129	4.7	91	14296	105.09	74	false	
2530.261	3.7	71	9532	79.41	83	false	
2585.186	3.9	115	15212	81.89	57	false	
2601.205	8.3	1205	15863	168.52	103	false	
2714.307	3.9	130	11573	72.20	69	false	
2794.250	2.4		18961	67.00	16	false	
2957.431	4.7	177	10560	69.43	82	false	
3054.513	26.4	2630	13758	353.13	314	false	
3086.494	3.8		15731	86.00	20	false	
3101.439	6.5	187	10188	83.05	105	false	
3169.508	4.1	153	12258	49.83	56	false	
3880.772	4.8		11588	67.00	18	false	
3965.920	3.1		11094	42.00	15	false	
4469.221	7.2		13133	80.50	30	false	



REDE DE INFRAESTRUTURAS DE APOIO
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E O DESENVOLVIMENTO TECNOLÓGICO
(RIADT)

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MALDI-TOF

Acquisition Parameter

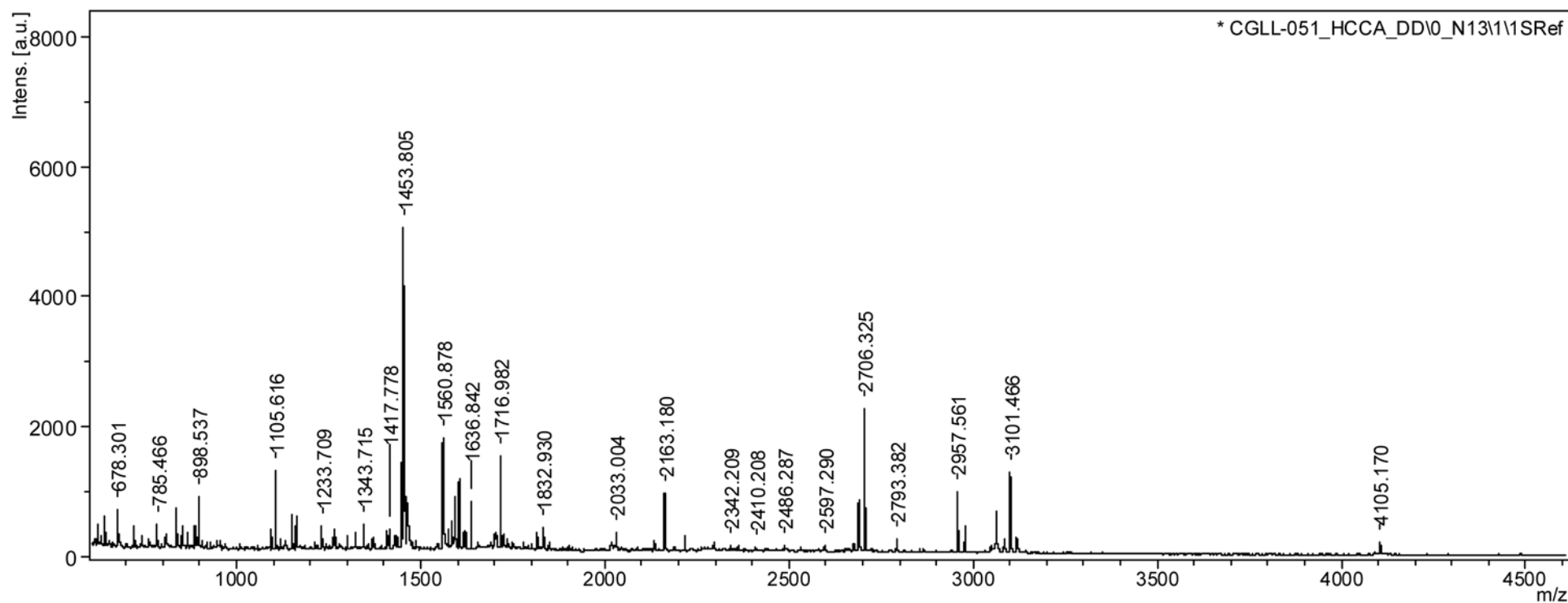
Analysis Name CGLL-051_HCCA_DD\0_N13\1

Instrument

ULTFLEX

Date of acquisition

2016-09-02T13:07:15.250+02:00



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625.239	7.2			5686	439.00	55	false
644.303	9.1			5081	547.00	81	false
678.301	10.8			5551	650.50	88	false
722.330	6.7	176		4650	389.41	114	false
744.401	3.6	102		4745	206.53	57	false
785.466	6.7	396		5836	381.98	92	false
805.447	3.7	99		5558	207.10	53	false
809.469	4.6	83		7177	259.37	54	false
836.472	12.9	4902		6785	722.91	167	false
837.451	6.0	333		8998	340.57	64	false
843.451	4.7	190		5674	259.66	76	false
853.470	8.1	87		6805	447.97	106	false
868.492	4.6	177		5225	252.31	85	false
886.469	5.9	678		6727	327.74	85	false
887.469	3.9	222		6614	213.86	55	false
892.499	7.4	550		6565	399.99	108	false
898.537	15.3	7643		6197	828.92	231	false
899.555	6.7	429		5595	364.67	104	false
945.472	3.5	51		6045	188.15	63	false
1095.609	6.9	1089		6142	354.45	133	false
1105.616	18.5	7301		7871	951.93	299	false
1106.603	11.6	1103		6211	591.22	233	false
1121.633	4.1	179		7149	209.77	72	false
1132.541	3.6	53		7067	182.99	69	false
1149.608	11.3	3613		8147	570.10	184	false
1162.660	7.5	639		7707	382.35	130	false
1163.627	5.8	353		7199	296.33	110	false
1233.709	7.4	1337		9536	378.55	117	false
1261.679	4.8	281		8146	242.65	91	false
1267.720	6.5	826		9474	334.84	106	false
1301.675	6.0	792		8483	303.31	115	false
1325.688	5.5	278		9666	274.92	91	false
1343.715	8.2	1931		9196	411.75	157	false
1369.726	4.1	261		9892	206.50	74	false
1374.796	3.5	128		12336	176.68	46	false
1409.783	6.3	852		9142	321.32	126	false
1417.778	6.7	1276		9859	332.84	126	false
1429.804	4.6	248		10102	231.67	83	false
1435.789	5.6	233		10608	280.55	96	false
1446.826	29.2	20856		10342	1456.53	539	false
1453.805	102.7	133340		10352	5092.78	1902	false
1459.752	16.3	12589		10045	811.75	316	false
1465.756	13.5	7311		10455	666.64	256	false
1485.830	3.1	129		9557	154.24	60	false
1560.878	39.2	14777		10660	1905.77	785	false
1562.883	12.5	1168		10298	604.85	260	false
1566.813	5.4	167		11330	259.81	100	false

m/z	SN	Quality Fac.	Res.	Intens.	Area	Bk. Peak
1575.814	6.2	142	9906	301.12	139	false
1585.830	9.0	1542	8989	433.55	235	false
1592.810	13.7	1287	10774	667.70	288	false
1605.865	22.4	15869	11133	1094.70	458	false
1615.871	5.1	351	11493	246.44	102	false
1621.847	6.3	639	12157	312.69	126	false
1636.842	15.7	14443	10869	758.44	332	false
1702.400	5.2	149	6967	245.20	199	false
1706.830	4.5	101	9730	214.71	126	false
1716.982	29.8	39715	10592	1415.10	709	false
1726.934	5.5	853	11577	259.02	117	false
1735.882	3.2	104	12971	150.86	65	false
1816.931	6.7	1090	11970	315.10	160	false
1832.930	7.9	2176	11706	363.51	192	false
2033.004	6.4	953	11140	253.17	169	false
2135.107	4.0	299	10967	146.47	101	false
2163.180	22.2	25877	11963	783.91	488	false
2216.121	5.2	585	11789	176.72	122	false
2342.209	2.0		9067	82.00	21	false
2410.208	2.5		12912	96.00	23	false
2486.287	3.2		12819	122.00	26	false
2597.290	3.2	166	11669	78.82	72	false
2673.320	3.6	55	7957	82.54	111	false
2689.323	24.9	1140	11443	571.50	535	false
2706.325	63.6	11385	12378	1458.16	1227	false
2793.382	7.2	147	11326	151.99	150	false
2957.561	32.6	1960	12193	595.62	587	false
2976.401	14.8	401	12085	265.02	269	false
3046.690	3.2	95	4328	53.45	144	false
3062.705	19.4	794	5851	321.58	670	false
3084.447	7.9	124	10152	127.02	177	false
3101.466	45.8	10557	11556	738.74	846	false
3116.454	7.4	61	10822	118.81	150	false
3119.437	4.1	191	12258	65.39	74	false
4105.170	3.7		10240	54.00	24	false



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MALDI-TOF

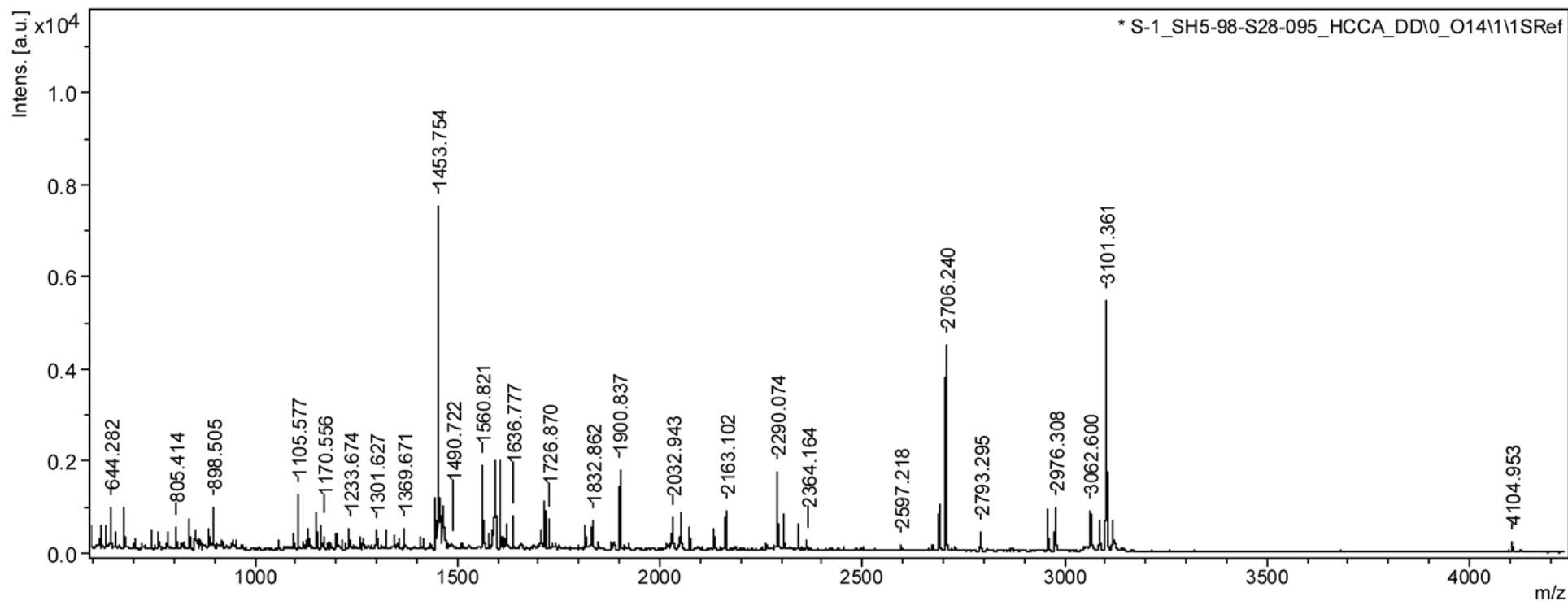
Acquisition Parameter

Analysis Name S-1_SH5-98-S28-095_HCCA_DD\0_O14\1

Instrument

ULTIFLEX

Date of acquisition 2016-09-02T13:12:21.390+02:00



m/z	SN	Quality	Fac.	Res.	Intens.	Area	Bk. Peak
619.241	14.6			6734	562.00	63	false
632.263	14.6			6684	563.00	66	false
644.282	24.8			6821	952.00	102	false
656.011	11.2			6710	431.00	45	false
678.269	24.8			6869	951.00	104	false
705.274	6.2	291		7295	263.24	41	false
744.377	10.6	292		7747	459.26	73	false
760.371	11.4	813		6780	482.14	89	false
785.443	10.5	613		6822	441.45	85	false
805.414	13.5	2625		6548	567.46	117	false
827.397	4.4	114		7479	186.33	35	false
836.447	16.7	4872		8115	696.17	126	false
837.434	9.1	188		8648	381.32	63	false
841.452	5.1	128		6090	214.60	51	false
855.443	6.5	272		7128	271.74	58	false
861.078	5.8	556		9639	239.22	38	false
868.463	5.6	179		7974	231.33	46	false
886.438	11.2	3020		8759	464.72	86	false
887.421	5.9	174		6972	245.97	56	false
892.472	7.2	1238		7916	299.22	60	false
898.505	22.6	9427		7426	940.69	205	false
899.506	7.7	338		9535	318.60	55	false
945.440	4.2	165		8801	172.40	34	false
946.414	3.6	152		8540	147.44	32	false
954.481	5.3	359		8457	222.89	47	false
1056.506	6.3	703		11105	258.36	50	false
1095.566	7.4	611		9163	302.80	74	false
1105.577	26.0	7844		11213	1059.60	219	false
1106.557	12.4	441		10384	508.93	109	false
1117.544	4.6	250		10381	187.46	41	false
1127.566	6.7			11329	245.00	29	true
1128.540	4.3	176		10329	176.37	43	false
1132.491	11.8	3631		11249	480.67	106	false
1149.561	19.1	3410		11893	777.89	161	false
1154.502	7.7	969		11684	314.28	70	false
1162.606	14.4	424		9474	586.87	151	false
1170.556	9.1	543		12241	371.86	79	false
1178.560	4.4	140		12533	178.02	37	false
1214.611	5.5	211		10631	225.08	56	false
1223.562	4.5	123		11050	182.54	45	false
1233.674	10.0	1006		12683	406.23	87	false
1261.619	6.9	646		11619	277.32	67	false
1267.677	5.6	302		13673	234.08	48	false
1301.627	9.8	1976		14341	400.01	82	false
1325.648	9.4	634		14738	386.49	79	false
1343.670	8.3	779		13594	336.25	79	false
1355.640	5.4	129		14665	216.39	48	false

m/z	SN	Quality Fac.	Res.	Intens.	Area	Bk. Peak
1369.671	10.8	1722	15701	453.87	97	false
1409.716	6.7	389	12309	268.59	74	false
1417.738	6.3	1280	13196	261.65	68	false
1446.776	28.9	1755	15538	1171.22	272	false
1453.754	184.0	61017	15086	7373.59	1827	false
1459.702	26.6	23491	15463	1070.62	258	false
1465.703	25.2	20977	15516	1006.38	244	false
1490.722	3.4	110	14531	139.94	36	false
1560.821	48.6	8521	16501	1995.61	505	false
1562.828	14.2	504	13042	563.63	176	false
1566.756	5.5	210	15305	219.36	60	false
1575.754	8.7	358	16142	362.00	98	false
1591.755	26.3	4294	15989	1040.41	292	false
1593.767	39.7	29452	17322	1624.23	412	false
1605.814	42.9	31829	15914	1750.09	481	false
1615.814	6.6	219	11692	265.94	99	false
1621.800	11.9	1169	15495	478.47	138	false
1636.777	19.5	10829	16813	778.38	217	false
1655.795	3.5	133	17699	139.65	39	false
1658.755	4.0	187	14176	160.18	59	false
1706.778	10.5	484	16185	413.89	130	false
1726.870	15.2	3976	17389	596.46	174	false
1816.869	13.9	5876	18686	537.84	163	false
1832.862	17.4	6852	17997	657.62	215	false
1848.858	4.9	381	17144	186.03	65	false
1878.843	5.1	286	18094	188.59	66	false
1900.837	40.9	12854	17882	1530.25	539	false
1922.811	4.7	169	17046	171.98	68	false
2016.939	4.4	135	19841	145.92	51	false
2019.960	3.0	110	18347	103.72	37	false
2027.908	9.4	1115	18678	323.45	118	false
2032.943	18.5	11278	18303	628.86	228	false
2051.983	18.3	2527	19159	599.08	206	false
2072.970	11.6	943	18988	375.47	134	false
2074.947	4.4	270	45474	170.24	30	false
2135.027	12.5	4431	18277	381.15	147	false
2163.102	24.5	22069	19092	717.54	272	false
2290.074	49.5	11743	19468	1297.93	526	false
2306.079	22.3	3954	17595	575.85	257	false
2342.182	16.6	3250	18640	416.75	175	false
2364.164	5.9	151	17472	150.48	69	false
2597.218	4.6	251	14903	93.53	63	false
2689.243	33.8	3975	17715	644.67	365	false
2706.240	102.2	11988	17056	1873.72	1108	false
2793.295	15.7	3637	17188	269.39	170	false
2957.465	41.3	6130	16153	585.92	418	false
2976.308	43.2	806	15928	610.86	450	false

m/z	SN	Quality Fac.	Res.	Intens.	Area	Bk. Peak
3062.600	40.4	8436	6952	516.83	926	false
3069.342	5.8	201	10866	74.31	96	false
3085.354	30.4	476	14012	380.76	363	false
3101.361	260.6	90853	15614	3231.84	2640	false
3116.356	24.0	117	15620	295.53	243	false
3119.352	11.9	316	14696	146.11	126	false
3123.338	8.0	429	13110	96.92	98	false
4090.024	3.2		18188	36.00	9	false
4099.825	4.3		24677	48.00	12	false
4104.953	6.3		24159	68.00	19	false



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MALDI-TOF

Acquisition Parameter

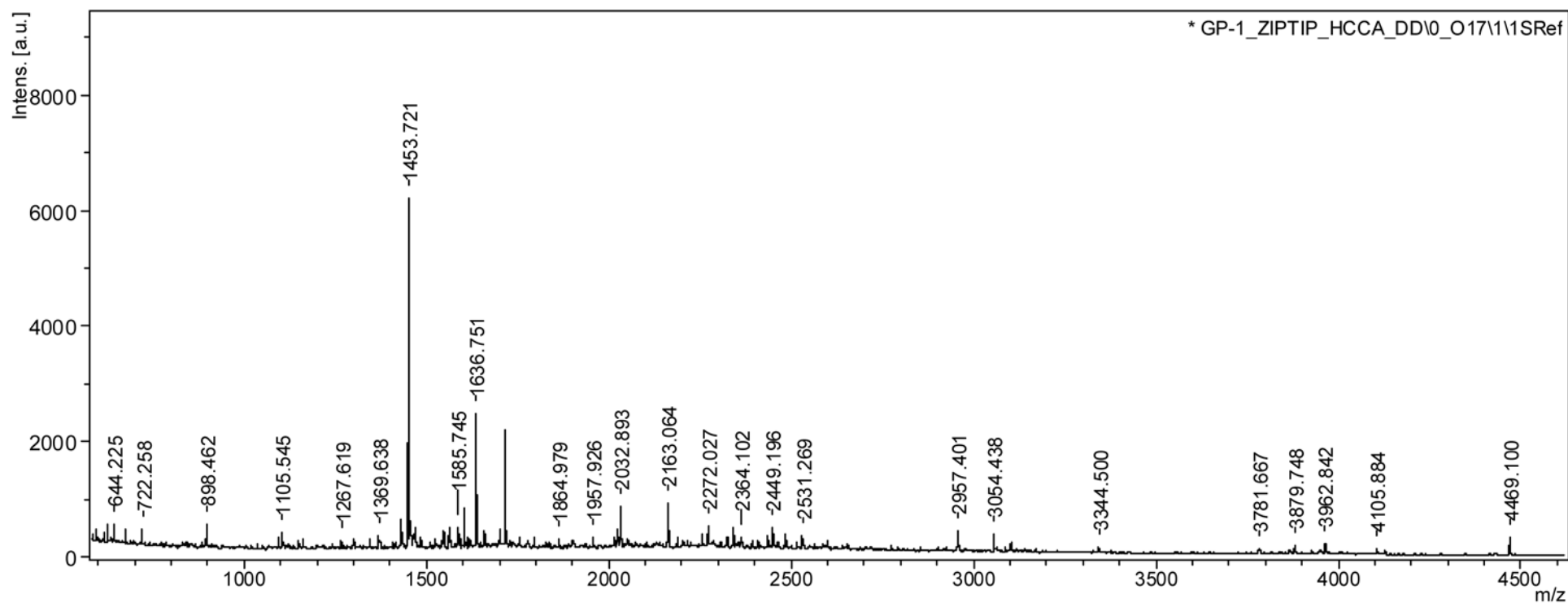
Analysis Name GP-1_ZIPTIP_HCCA_DD\0_O17\1

Instrument

ULTFLEX

Date of acquisition

2016-09-02T13:31:39.906+02:00



m/z	SN	Quality Fac.	Res.	Intens.	Area	Bk. Peak
625.185	5.0		5083	408.00	57	false
644.225	5.3		5908	429.50	53	false
678.238	4.3		6638	345.00	46	false
722.258	4.6	171	4562	351.17	109	false
898.462	7.3	353	6761	496.81	126	false
1095.512	3.5	136	6958	211.81	78	false
1105.545	6.1	111	8717	372.12	102	false
1163.569	3.4	118	7668	206.96	71	false
1267.619	3.3	113	8154	196.32	78	false
1343.643	3.5	105	10889	214.24	61	false
1369.638	5.1	339	11323	311.99	93	false
1429.721	9.5	817	11086	586.35	192	false
1435.689	5.5	190	11841	345.55	113	false
1446.749	31.1	43280	11798	1945.78	624	false
1453.721	97.1	85869	11859	6089.65	1978	false
1459.671	6.4	663	11863	392.75	129	false
1465.666	4.6	134	11889	282.35	94	false
1485.744	3.2	130	9175	201.14	85	false
1525.750	3.6	63	10962	221.07	79	false
1548.790	5.7	1082	10813	353.49	131	false
1560.779	6.1	102	12588	379.34	130	false
1585.745	6.4	736	9093	405.78	219	false
1591.720	4.8	286	11328	304.84	123	false
1605.774	10.5	1534	13353	652.02	224	false
1615.782	3.6	171	13051	225.58	82	false
1636.751	37.1	116383	12538	2320.14	919	false
1659.844	4.4	367	8956	277.01	142	false
1702.316	5.1	401	7426	319.30	245	false
1795.858	3.1	157	9993	197.10	123	false
1864.979	3.3		16569	219.00	43	false
1957.926	3.5	230	13035	210.64	109	false
2016.920	3.4	186	10981	199.41	133	false
2032.893	12.2	4437	12646	696.27	400	false
2049.895	3.3	85	14147	184.23	99	false
2163.064	12.6	6522	13444	654.73	369	false
2188.065	3.7	182	9044	187.38	159	false
2255.032	4.8		15105	297.00	60	false
2272.027	7.0	137	13727	343.60	204	false
2309.101	2.9		11677	172.00	42	false
2325.113	4.1		11226	249.00	64	false
2342.119	6.7	881	14744	304.40	179	false
2364.102	4.2		15686	250.00	52	false
2394.071	3.4		14972	199.00	38	false
2434.134	4.8	142	10405	202.63	186	false
2449.196	6.7	684	10815	275.11	242	false
2485.220	5.0	200	10636	202.82	180	false
2531.269	5.0		13305	282.00	73	false

m/z	SN	Quality Fac.	Res.	Intens.	Area	Bk. Peak
2601.166	3.5		16312	191.00	39	false
2957.401	8.2	346	12505	215.74	210	false
3054.438	7.0	576	11341	168.18	203	false
3101.373	4.7	53	9566	105.72	157	false
3344.500	3.2		13123	116.00	32	false
3781.667	3.6	67	7214	39.94	100	false
3879.748	4.8	75	10740	51.09	90	false
3962.842	6.5	52	10378	62.19	118	false
4105.884	5.2		17819	119.00	38	false
4126.928	3.3		12796	75.00	26	false
4469.100	14.2		16318	284.00	107	false



REDE DE INFRAESTRUTURAS DE APOIO
À INVESTIGAÇÃO
E O DESENVOLVIMENTO TECNOLÓGICO
(RIAIDT)

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MALDI-TOF

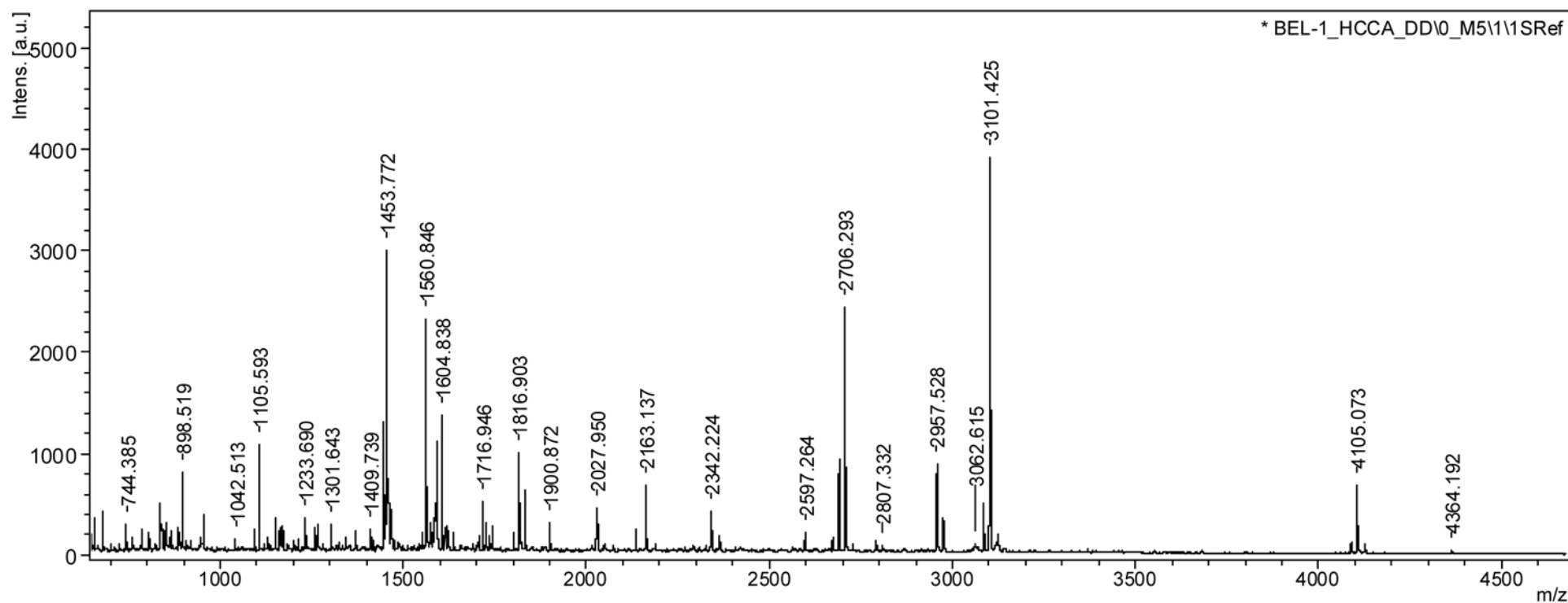
Acquisition Parameter

Analysis Name BEL-1_HCCA_DD\0_M5\1

Instrument

ULTFLEX

Date of acquisition 2016-08-23T14:31:19.937+02:00



m/z	SN	Quality Fac.	Res.	Intens.	Area	Bk. Peak
630.279	4.3	106	3907	104.60	26	false
632.280	10.4	957	5416	250.02	47	false
644.290	15.0	799	5909	360.38	62	false
649.975	7.4	301	6058	179.35	35	false
656.015	14.9	2464	5509	359.33	73	false
678.284	17.4	2321	6049	424.47	77	false
744.385	11.8	1814	6135	286.84	59	false
760.393	5.7	210	6031	136.92	28	false
785.455	9.2	456	5745	221.45	51	false
805.422	8.1	289	6209	195.29	44	false
836.455	20.8	5500	6675	497.36	113	false
837.457	8.7	486	6213	211.32	49	false
840.486	9.1	261	6223	220.21	54	false
843.404	5.6	121	10650	136.41	20	false
855.475	5.9	406	5801	143.04	37	false
861.079	6.0	351	7712	144.44	32	false
886.451	9.2	994	6390	219.61	57	false
887.410	5.5	235	7778	137.76	34	false
892.480	4.9	171	6184	118.07	33	false
898.519	35.9	15454	6882	863.60	211	false
908.502	4.2	94	5393	100.84	30	false
954.501	16.1	3411	8784	389.20	81	false
1042.513	6.0	499	8153	145.32	38	false
1095.574	9.3	1443	9373	223.55	59	false
1105.593	37.1	12448	8700	907.35	249	false
1106.577	19.6	530	9734	471.32	108	false
1121.618	4.0	113	8000	96.42	28	false
1132.506	6.1	589	8525	149.49	46	false
1149.583	15.2	5414	8730	369.74	108	false
1153.516	5.9	453	9190	143.57	40	false
1162.620	9.8	354	8028	239.75	77	false
1170.567	12.2	2454	10298	294.72	77	false
1214.617	5.2	152	8927	125.33	40	false
1233.690	11.9	2562	9851	290.60	83	false
1261.654	10.1	3623	9106	247.39	80	false
1267.696	10.0	1090	9758	244.73	73	false
1301.643	10.8	2474	10701	268.93	79	false
1343.695	6.3	478	10787	154.55	46	false
1369.693	9.0	822	10853	219.46	68	false
1409.739	8.1	898	11383	195.92	62	false
1417.752	6.3	724	8879	155.02	61	false
1446.793	54.0	6867	11848	1336.59	418	false
1453.772	122.9	79409	11732	2981.93	955	false
1459.722	30.4	25354	11737	738.66	238	false
1465.725	21.7	5906	11225	525.69	178	false
1485.803	3.8	166	9874	92.02	35	false
1553.803	7.5	557	12875	187.98	60	false

m/z	SN	Quality Fac.	Res.	Intens.	Area	Bk. Peak
1560.846	102.6	26899	12823	2545.23	851	false
1562.841	14.0	454	9133	340.80	154	false
1566.786	5.1	240	10906	123.21	47	false
1576.782	9.6	616	13308	234.63	75	false
1585.803	19.1	2135	12604	465.56	165	false
1592.778	32.3	2489	12864	785.63	277	false
1594.811	13.5	303	17281	332.19	82	false
1604.838	47.4	2973	12960	1146.14	400	false
1606.825	16.7	1773	12444	406.92	151	false
1615.841	10.0	611	10855	241.70	97	false
1621.832	9.3	863	12809	227.61	78	false
1636.806	8.5	1042	11918	203.47	78	false
1701.752	3.0	85	10632	72.99	40	false
1706.797	7.0	151	12449	165.71	69	false
1716.946	19.3	10612	12913	460.21	183	false
1726.904	11.6	1792	14191	284.98	103	false
1735.851	5.8	144	13908	139.52	58	false
1743.764	9.8	1904	13054	232.62	98	false
1800.897	7.7	425	15807	184.90	67	false
1816.903	41.5	48103	13647	979.97	417	false
1832.896	24.1	22735	14626	588.92	240	false
1900.872	10.5	1158	13856	239.21	108	false
2016.973	3.5	108	14490	73.68	35	false
2027.950	18.4	8935	13702	383.44	190	false
2032.972	11.0	4802	15203	235.61	106	false
2135.066	10.7	3368	14140	208.75	107	false
2163.137	29.7	25335	15242	563.26	268	false
2342.224	16.1	5966	14608	279.98	159	false
2364.209	7.4	999	14140	123.50	72	false
2597.264	9.4	923	14196	138.86	99	false
2674.285	7.3	340	12712	102.65	88	false
2690.297	42.9	8316	14233	591.06	418	false
2706.293	115.3	13219	14378	1568.37	1112	false
2807.332	4.4	152	12956	55.27	50	false
2957.528	46.1	2390	14549	530.70	429	false
2977.367	13.4	226	13690	152.35	136	false
3062.615	3.6	146	5564	35.82	90	false
3085.419	25.9	849	13028	275.77	282	false
3101.425	227.9	6203	13460	2387.78	2307	false
3117.418	5.0	116	10009	51.19	70	false
3123.405	10.5	249	11895	107.86	122	false
4089.059	10.2	122	15269	40.49	54	false
4105.073	57.5	2517	16382	227.86	272	false
4126.107	8.4	130	12486	31.85	52	false
4364.192	4.1	116	13827	12.66	20	false