Table S1. Quantified metabolites in HepG2 cells after exposure to 5 µg/mL of AgNPs for 72 h with a match factor superior to 700.

Compound	Retention time (min)	NIST Rmatch
1- β-D-Glucopyranose	26.375	890
2- Malic acid	17.466	728
3- L-Tyrosine	25.543	782
4- D-Glucose	24.964	870
5- Xylofuranose	32.638	793
6- L-Leucine	19.177	700
7- L-Proline	18.014	881
8- L-Cysteine	18.711	868
9- Phosphoric acid	22.634	868
10- L-Threonine	15.285	865
11- Threitol	17.864	851
12- Erythrose	25.352	706
13- D-Fructose	24.294	767
14- Pantothenic acid	26.473	887
15- β-Aminoisobutyric acid	15.399	815
16- D-Galactose	25.192	848
17- Isocitric acid	23.595	815
18- L-Serine	14.743	803
19- Hexadecanoic acid	27.295	846
20- Glutamine	19.890	874
21- Myo-Inositol phosphate	32.426	827
22- Octadecanoic acid	30.225	839
23- L-Aspartic acid	18.086	791
24- Myo-Inositol	27.874	830
25- D-Ribofuranose	19.879	820
26- Palmitic acid	31.419	829
27- Rythonic acid	18.541	767

28- L-Phenylalanine	20.214	879
29- 4-Chlorophenylalanine (internal standard)	23.140	-

Table S2. Pearson's correlation matrix data for the 28 quantified metabolites.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
1	1.0000																											
2	0.6045	1.0000																										
3	0.7217	0.8991	1.0000																									
4	0.4772	0.2328	0.2271	1.0000																								
5	-0.2293	-0.0845	-0.2598	0.4698	1.0000																							
6	0.3376	0.5896	0.5680	0.5642	0.5395	1.0000																						
7	0.0628	0.4432	0.2546	0.5948	0.8019	0.8623	1.0000																					
8	0.3059	0.5859	0.3828	0.6886	0.6773	0.8286	0.9361	1.0000																				
9	0.3949	0.6587	0.5035	0.6940	0.6459	0.8946	0.9339	0.9734	1.0000																			
10	0.0457	0.4261	0.1552	0.5454	0.7733	0.7548	0.9197	0.9245	0.8816	1.0000																		
11	0.3772	0.6338	0.4349	0.3483	0.5804	0.7870	0.7880	0.8421	0.8631	0.8264	1.0000																	
12	0.3888	0.6657	0.4842	0.5187	0.6236	0.8651	0.8851	0.9444	0.9548	0.8901	0.9666	1.0000																
13	0.5350	0.7361	0.5886	0.0670	0.1340	0.5915	0.4553	0.5486	0.6069	0.4669	0.8484	0.7455	1.0000															
14	0.6259	0.6470	0.5680	0.2065	0.3161	0.5841	0.4808	0.5895	0.6630	0.4952	0.8772	0.7954	0.8636	1.0000														
15	-0.0214	0.1149	-0.1076	0.0747	0.7102	0.4904	0.6015	0.5574	0.5344	0.6924	0.8187	0.7055	0.6269	0.6704	1.0000													
16	0.5324	0.3271	0.1913	0.3560	0.4066	0.3789	0.3556	0.5469	0.5340	0.5468	0.7504	0.6717	0.6198	0.7932	0.6990	1.0000												
17	-0.1346	0.0974	-0.2016	-0.2655	0.2516	-0.0274	0.2128	0.1326	0.1367	0.2408	0.4035	0.2504	0.5033	0.3660	0.5928	0.2068	1.0000											
18	-0.2403	-0.0435	-0.3468	-0.1366	-0.1072	-0.3598	-0.1540	-0.1349	-0.1722	0.0527	-0.1068	-0.1860	0.0122	-0.2474	0.0130	-0.0102	0.4894	1.0000										
19	-0.0755	0.0113	-0.1832	-0.3290	-0.2961	-0.4487	-0.2216	-0.2176	-0.2525	-0.2436	-0.1450	-0.2208	0.1286	-0.0826	-0.0629	-0.2509	0.7134	0.4862	1.0000									
20	0.1982	0.2312	0.0701	0.4492	-0.1142	0.0305	0.0783	0.3058	0.1943	0.3248	0.0286	0.1363	-0.0640	-0.1716	-0.1868	0.2181	-0.3029	0.4140	-0.1049	1.0000								
21	-0.1849	0.1082	-0.0965	0.2763	0.1318	0.0178	0.1856	0.3298	0.1855	0.4110	0.0220	0.1381	-0.2123	-0.2574	-0.0987	0.1344	-0.3552	0.3187	-0.2928	0.8330	1.0000							
22	0.0678	0.1435	-0.0735	0.4686	0.3357	0.2823	0.3752	0.5498	0.4165	0.6499	0.3801	0.4434	0.1170	0.0924	0.3163	0.5462	-0.1748	0.2647	-0.3539	0.8290	0.8286	1.0000						
23	0.1748	0.5289	0.3293	0.2697	-0.0528	0.2400	0.2455	0.4612	0.3684	0.4687	0.2862	0.3686	0.2077	0.0770	-0.0264	0.3038	-0.2633	0.2860	-0.2319	0.8568	0.8704	0.8023	1.0000					
24	0.1997	0.4974	0.2610	0.2543	0.0246	0.2554	0.2670	0.4888	0.3937	0.5470	0.4052	0.4438	0.3122	0.1993	0.1660	0.4760	-0.1241	0.3481	-0.2119	0.8466	0.8196	0.8719	0.9675	1.0000				
25	-0.4482	-0.2318	-0.2240	0.1978	0.4370	-0.0174	0.2497	0.1290	0.0961	0.1616	-0.2037	-0.0472	-0.6068	-0.3089	-0.1978	-0.3013	-0.3262	-0.2732	-0.3023	-0.0723	0.3034	-0.0209	-0.0420	-0.1571	1.0000			
26	0.0194	0.0936	0.0564	0.6254	0.2924	0.2376	0.4441	0.3648	0.3846	0.2167	-0.0628	0.1259	-0.2225	-0.2173	-0.2775	-0.3558	-0.0142	0.0182	0.1922	0.0960	0.0442	-0.1052	-0.0739	-0.2030	0.4592	1.0000		
27	-0.1849	-0.2432	-0.2131	-0.2194	-0.0457	-0.4518	-0.3797	-0.3012	-0.3354	-0.1904	-0.2843	-0.2996	-0.4500	-0.1342	-0.1852	0.1395	-0.3769	-0.0137	-0.3916	0.1082	0.3918	0.1586	0.1808	0.1742	0.4765	-0.3884	1.0000	
28	0.7399	-0.0273	0.1148	0.4077	-0.1883	-0.1573	-0.2859	-0.0951	-0.0354	-0.2685	-0.0410	-0.0694	0.0824	0.2687	-0.1130	0.4246	-0.0664	-0.0303	0.0628	0.0869	-0.2934	-0.0483	-0.2028	-0.1366	-0.3441	0.0384	0.0179	1.0000