

Accurate masses and % abundance of all isotopologues in Figure 3:



observed abundance %	calculated abundance %	observed m/z	calculated m/z	difference (ppm)
100	100	150.05828	150.0583	-0.133281531
7.33	6.78	151.06124	151.0609	2.250747877
5.07	5.08	152.05543	152.0552	1.512608579



observed abundance %	calculated abundance %	observed m/z	calculated m/z	difference (ppm)
87.33	86.29	491.05539	491.0575	-4.296849147
100	100	492.05873	492.0597	-1.971305514
96.67	87	493.05626	493.0596	-6.774028941
20.4	19.39	494.05639	494.0594	-6.092384843
29.8	27.15	495.05802	495.061	-6.019460228

Accurate masses and % abundance of all isotopologues in Supplementary information S3:

[D-methionine+H]⁺

observed abundance %	calculated abundance %	observed m/z	calculated m/z	difference (ppm)
100	100	150.05818	150.0583	-0.79969
6.76	6.78	151.06122	151.0609	2.118351
3.80	5.08	152.05443	152.0552	-5.06395

[cis-platin+Na]⁺

observed abundance %	calculated abundance %	observed m/z	calculated m/z	difference (ppm)
65.96	71.68	320.94159	320.9432	-5.016463972
61.08	73.04	321.94328	321.9453	-6.274357787
100	100	322.94158	322.9431	-4.706711492
42.06	47.17	323.94185	323.9424	-1.697832701
53.88	57.54	324.94163	324.9435	-5.754846612
15.84	7.88	325.91858	325.9396	-64.49047615
16.97	15.41	326.93919	326.9434	-12.87684657

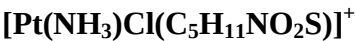
Accurate masses and % abundance of all isotopologues in Supplementary information S4:



observed abundance %	calculated abundance %	observed m/z	calculated m/z	difference (ppm)
100	100	150.05812	150.0583	-1.199533781
10.44	6.78	151.06058	151.0609	-2.118350943
1.66	5.08	152.0554	152.0552	1.315311808



observed abundance %	calculated abundance %	observed m/z	calculated m/z	difference (ppm)
65.19	71.68	320.94183	320.9432	-4.268668101
65.01	73.04	321.94554	321.9453	0.745468252
100	100	322.94167	322.9431	-4.428024627
48.76	47.17	323.9409	323.9424	-4.630452821
58.26	57.54	324.94159	324.9435	-5.877944935
12.77	7.88	325.92485	325.9396	-45.25378322
15.51	15.41	326.93797	326.9434	-16.60837931



observed abundance %	calculated abundance %	observed m/z	calculated m/z	difference (ppm)
88.74	83.33	395.00775	395.0085	-1.898693319
100	90.74	396.00966	396.0107	-2.626191666
99.67	100	397.00777	397.0094	-4.105696238
45.72	38.14	398.00778	398.0084	-1.557756067
48.39	45.01	399.00769	399.0102	-6.290566006
3.70	4.44	400.00481	400.0101	-13.22466608
7.31	7.82	401.00706	401.0099	-7.082119419

Accurate masses and % abundance of all isotopologues in Supplementary information S5:

[D-methionine+H]⁺

observed abundance %	calculated abundance %	observed m/z	calculated m/z	difference (ppm)
100	100	150.05847	150.0583	1.132893016
6.62	6.78	151.06102	151.0609	0.794381604
4.20	5.08	152.05519	152.0552	-0.06576559

[Pt(C₅H₁₁NO₂S)(C₅H₁₀NO₂S)]⁺

observed abundance %	calculated abundance %	observed m/z	calculated m/z	difference (ppm)
78.59	86.29	491.05454	491.0575	-6.027807334
100	100	492.05623	492.0597	-7.05198983
59.87	87	493.06046	493.0596	1.744211045
11.01	19.39	494.05043	494.0594	-18.15571164
21.24	27.15	495.0586	495.061	-4.847887432