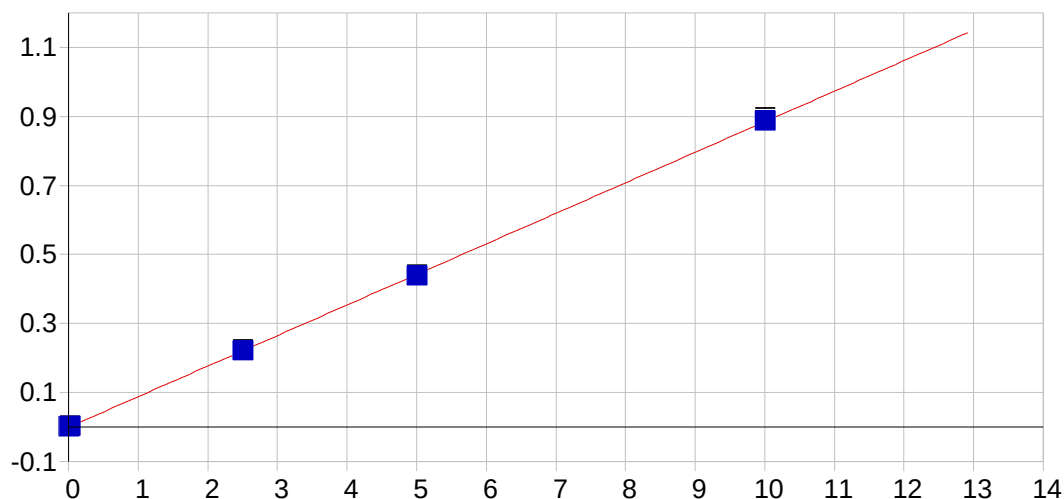


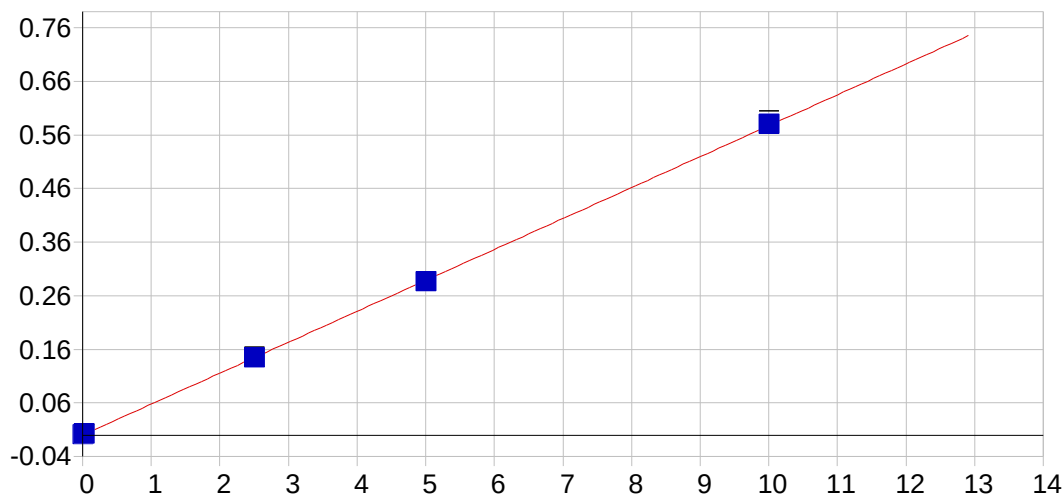


As 189.042 {478}

Date of Fit: 11/26/2018 23:47:23 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000459 Re-Slope: 1.000000
 A1 (Gain): 0.088513 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999951 Status: OK.
 Std Error of Est: 0.000021
 Predicted MDL: 0.002973
 Predicted MQL: 0.009910

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00046	.000	1
S1	.02000	.02516	.005	25.8	.00177	.000	1
S3	2.5000	2.5047	.005	.189	.22123	.001	1
S4	5.0000	4.9614	-.039	-.772	.43866	.000	1
S5	10.000	10.029	.029	.287	.88715	.008	1

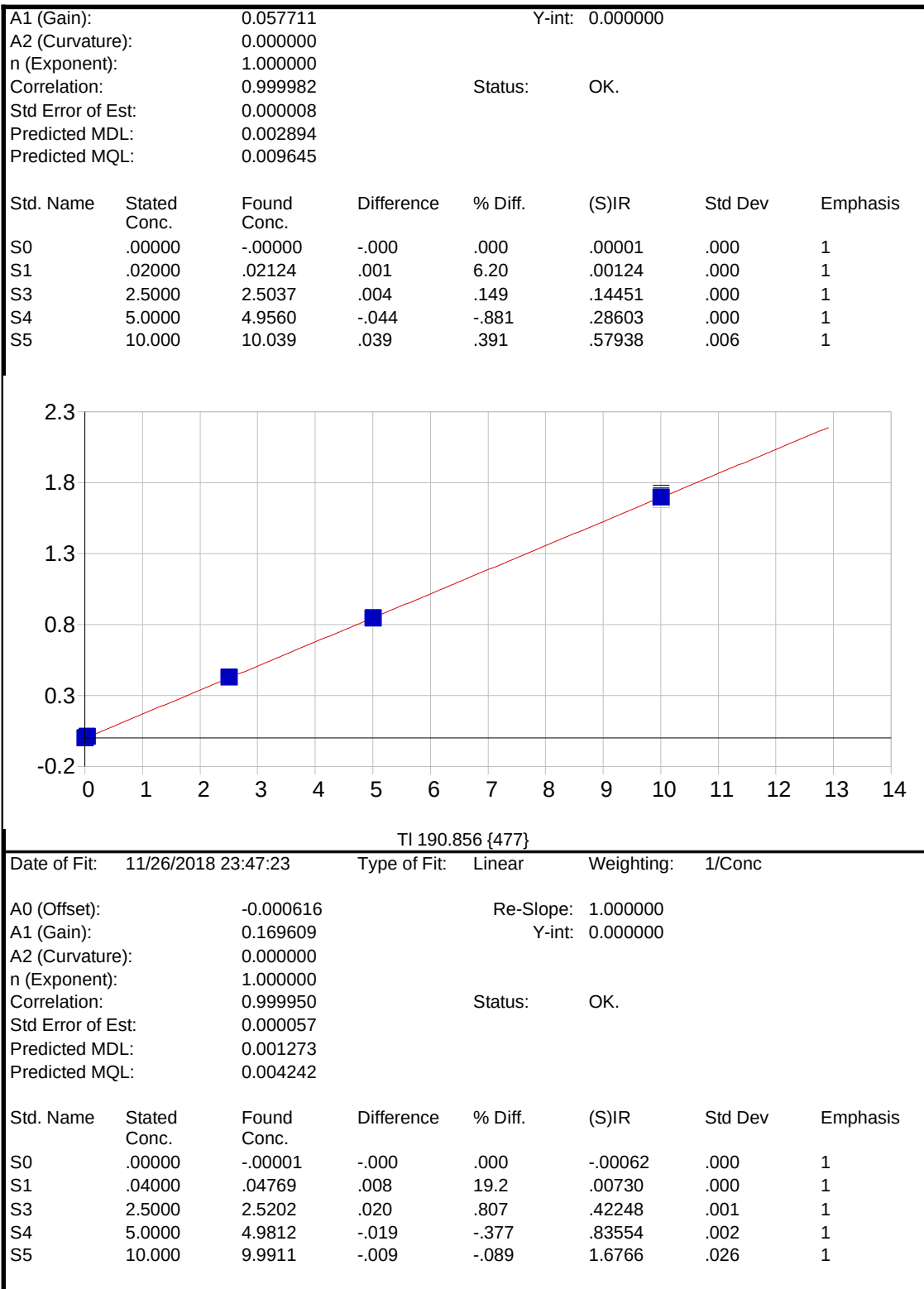


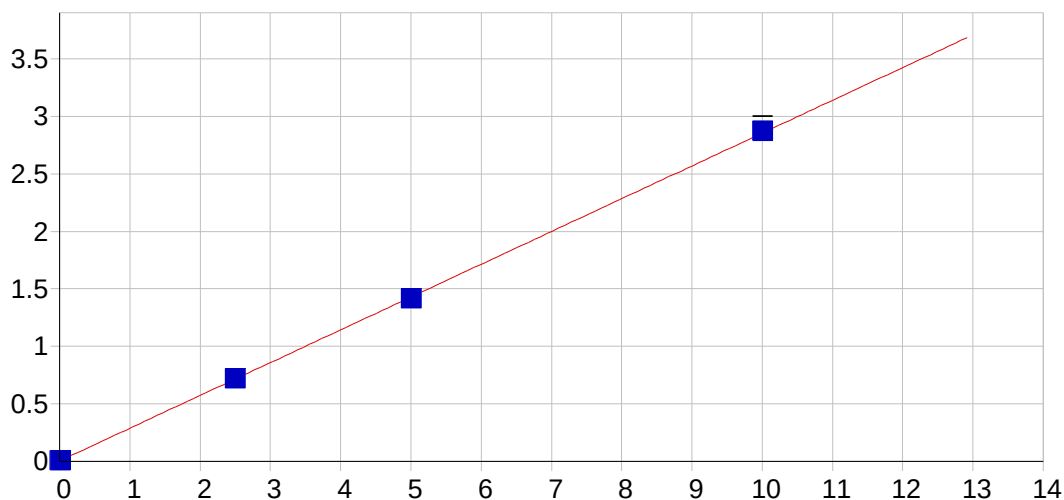
As 189.042 {479}

Date of Fit: 11/26/2018 23:47:23 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000011 Re-Slope: 1.000000





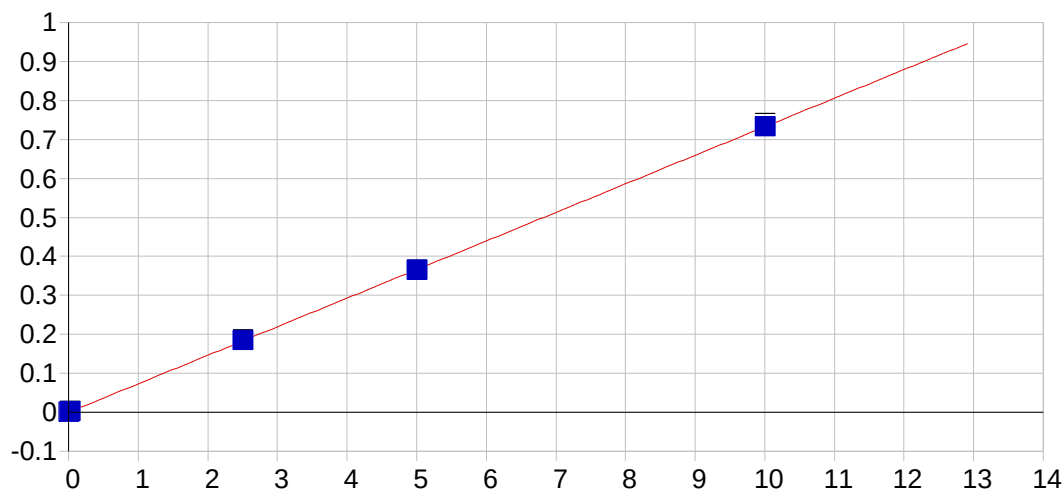


Pb 220.353 {453}

Date of Fit: 11/26/2018 23:47:23 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003489 Re-Slope: 1.000000
 A1 (Gain): 0.284997 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999968 Status: OK.
 Std Error of Est: 0.000043
 Predicted MDL: 0.001155
 Predicted MQL: 0.003849

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00349	.000	1
S1	.01200	.01158	-.000	-3.51	.00673	.000	1
S3	2.5000	2.4993	-.001	-.029	.71484	.001	1
S4	5.0000	4.9395	-.061	-1.21	1.4094	.003	1
S5	10.000	10.062	.062	.617	2.8673	.042	1

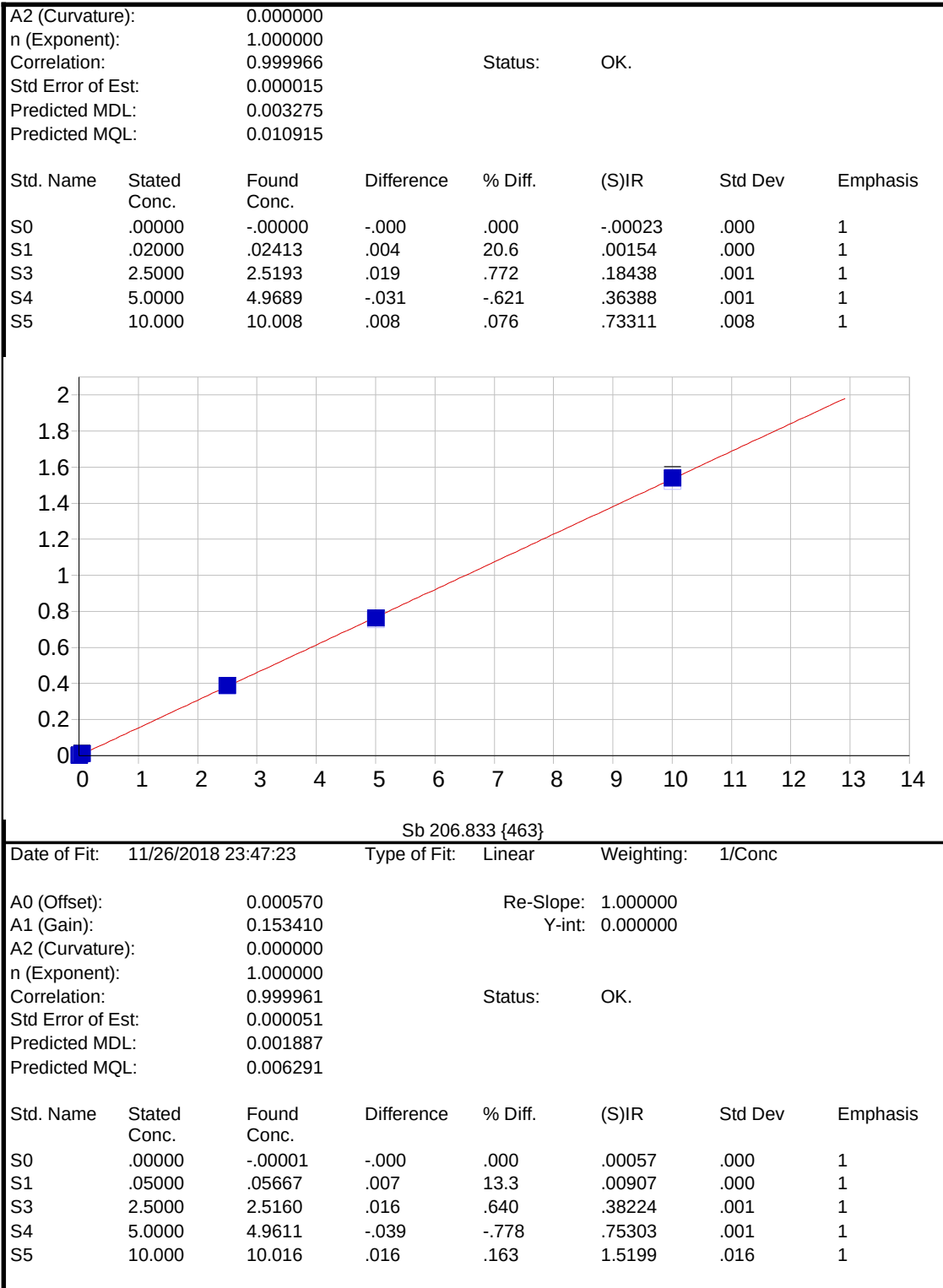


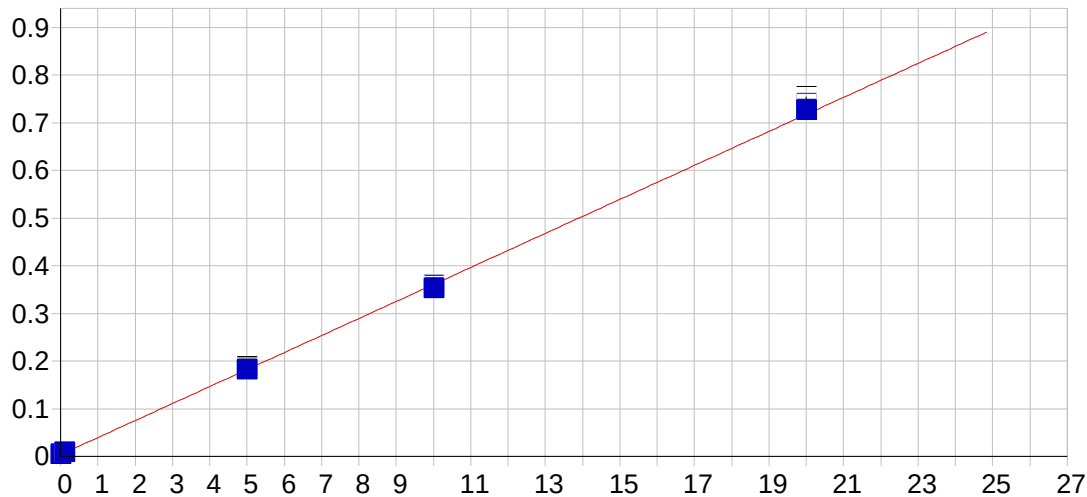
Se 196.090 {472}

Date of Fit: 11/26/2018 23:47:23 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000234 Re-Slope: 1.000000
 A1 (Gain): 0.073288 Y-int: 0.000000





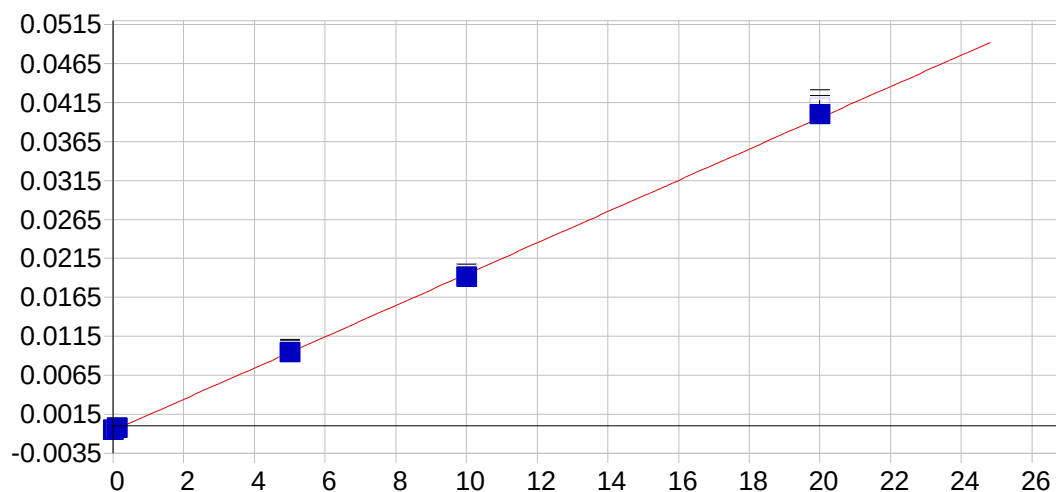


AI 308.215 {109}

Date of Fit: 11/26/2018 23:47:23 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003781 Re-Slope: 1.000000
 A1 (Gain): 0.035695 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999869 Status: OK.
 Std Error of Est: 0.000045
 Predicted MDL: 0.003390
 Predicted MQL: 0.011300

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00378	.000	1
S1	.10000	.10741	.007	7.41	.00786	.000	1
S3	5.0000	4.9840	-.016	-.321	.18524	.003	1
S4	10.000	9.7586	-.241	-2.41	.35922	.001	1
S5	20.000	20.250	.250	1.25	.74081	.014	1

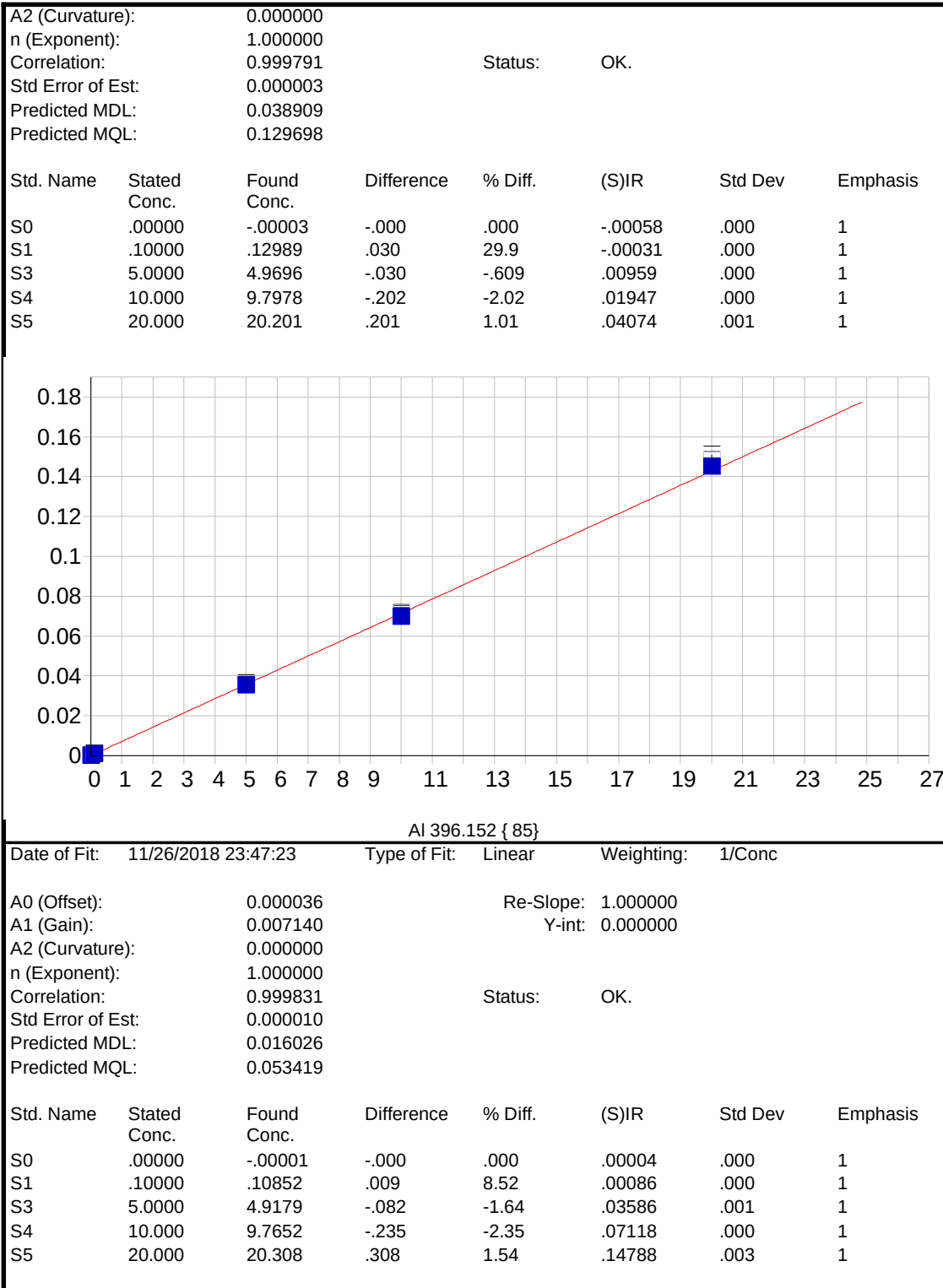


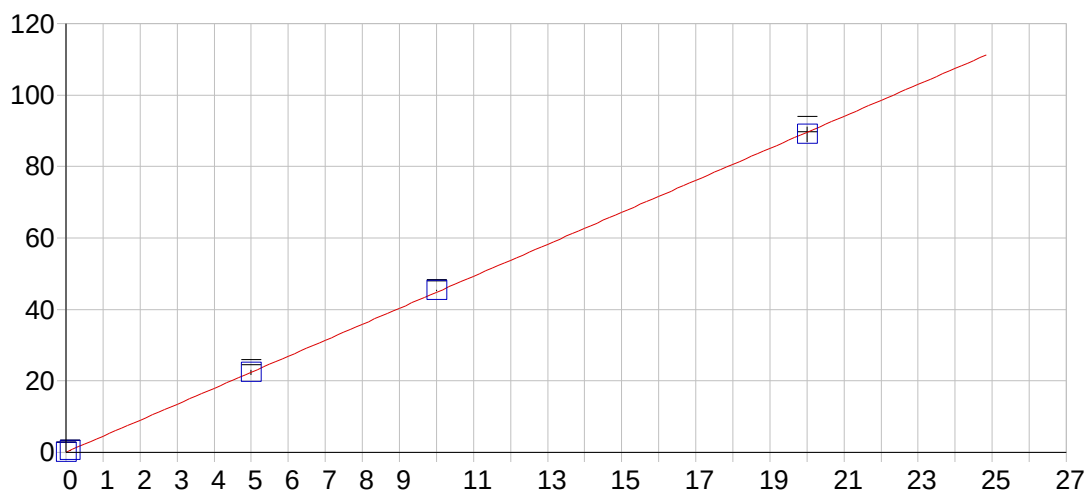
AI 309.271 {109}

Date of Fit: 11/26/2018 23:47:23 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000582 Re-Slope: 1.000000
 A1 (Gain): 0.002006 Y-int: 0.000000





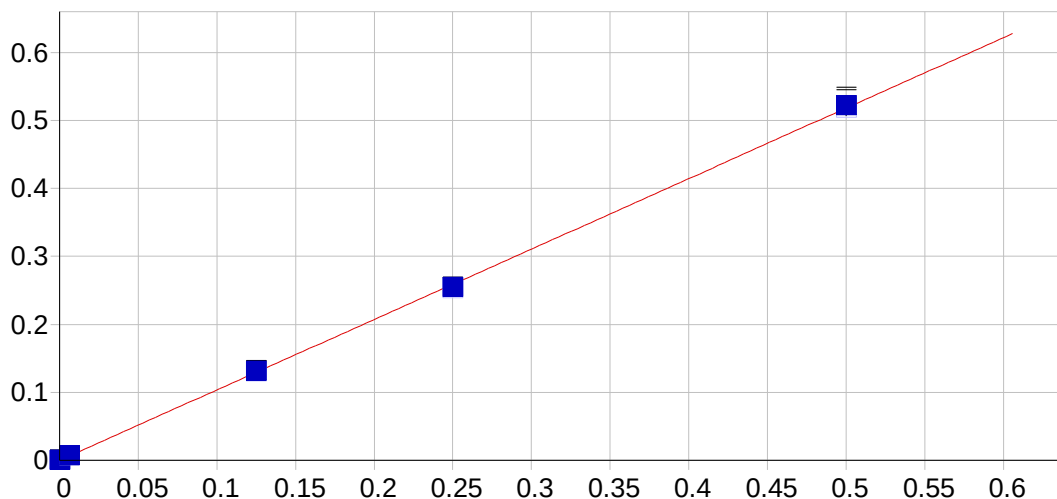


Ba 493.409 { 68}

Date of Fit: 11/26/2018 23:47:23 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.064665 Re-Slope: 1.000000
 A1 (Gain): 4.474747 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999915 Status: OK.
 Std Error of Est: 0.004471
 Predicted MDL: 0.000806
 Predicted MQL: 0.002685

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.06458	.005	1
S1	.10000	.11872	.019	18.7	.59589	.024	1
S3	5.0000	4.9970	-.003	-.060	22.425	.684	1
S5	20.000	19.861	-.139	-.695	88.937	2.16	1
S4	10.000	10.123	.123	1.23	45.364	.142	1

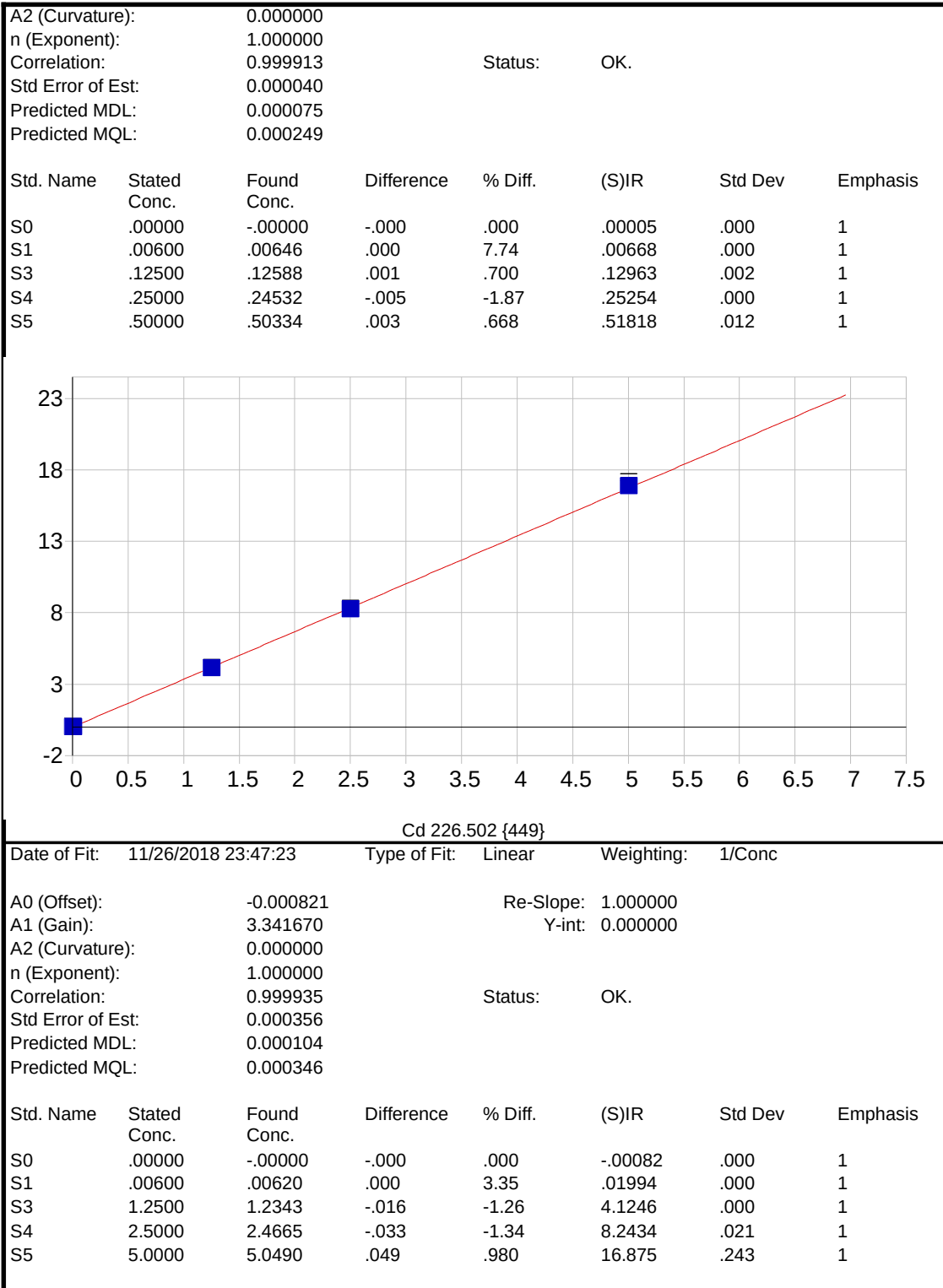


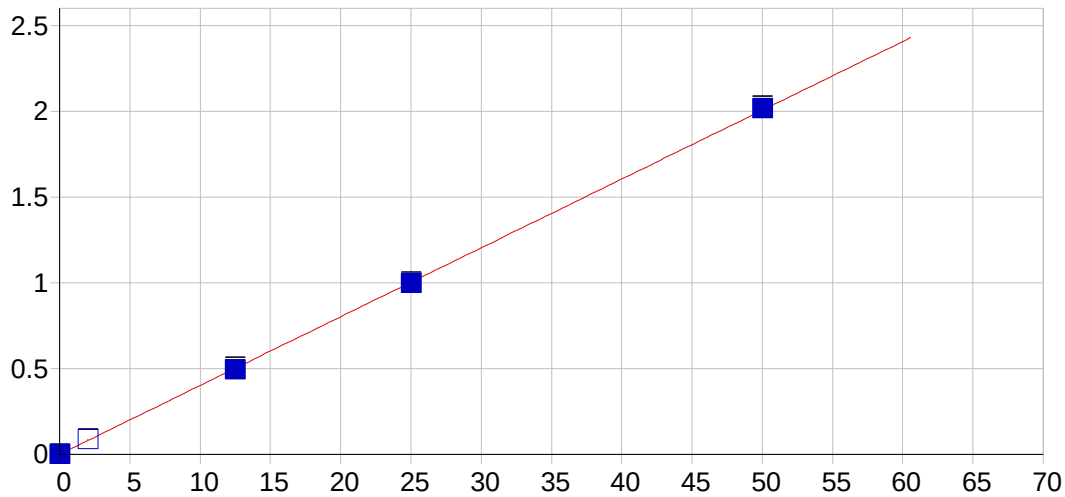
Be 234.861 {144}

Date of Fit: 11/26/2018 23:47:23 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000051 Re-Slope: 1.000000
 A1 (Gain): 1.035866 Y-int: 0.000000





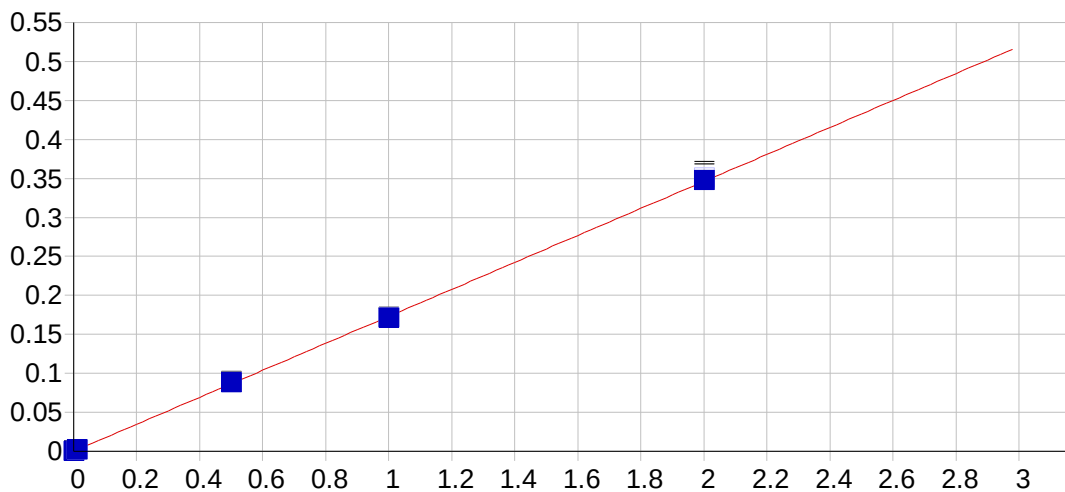


Ca 373.690 { 90}

Date of Fit: 11/26/2018 23:47:23 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000350 Re-Slope: 1.000000
 A1 (Gain): 0.040108 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999882 Status: OK.
 Std Error of Est: 0.000337
 Predicted MDL: 0.022892
 Predicted MQL: 0.076306

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1687	.169	8.43	.08733	.003	1
S0	.00000	-.00013	-.000	.000	.00034	.000	1
S3	12.500	12.256	-.244	-1.95	.49217	.014	1
S4	25.000	24.839	-.161	-.643	.99712	.005	1
S5	50.000	50.236	.236	.473	2.0163	.015	1

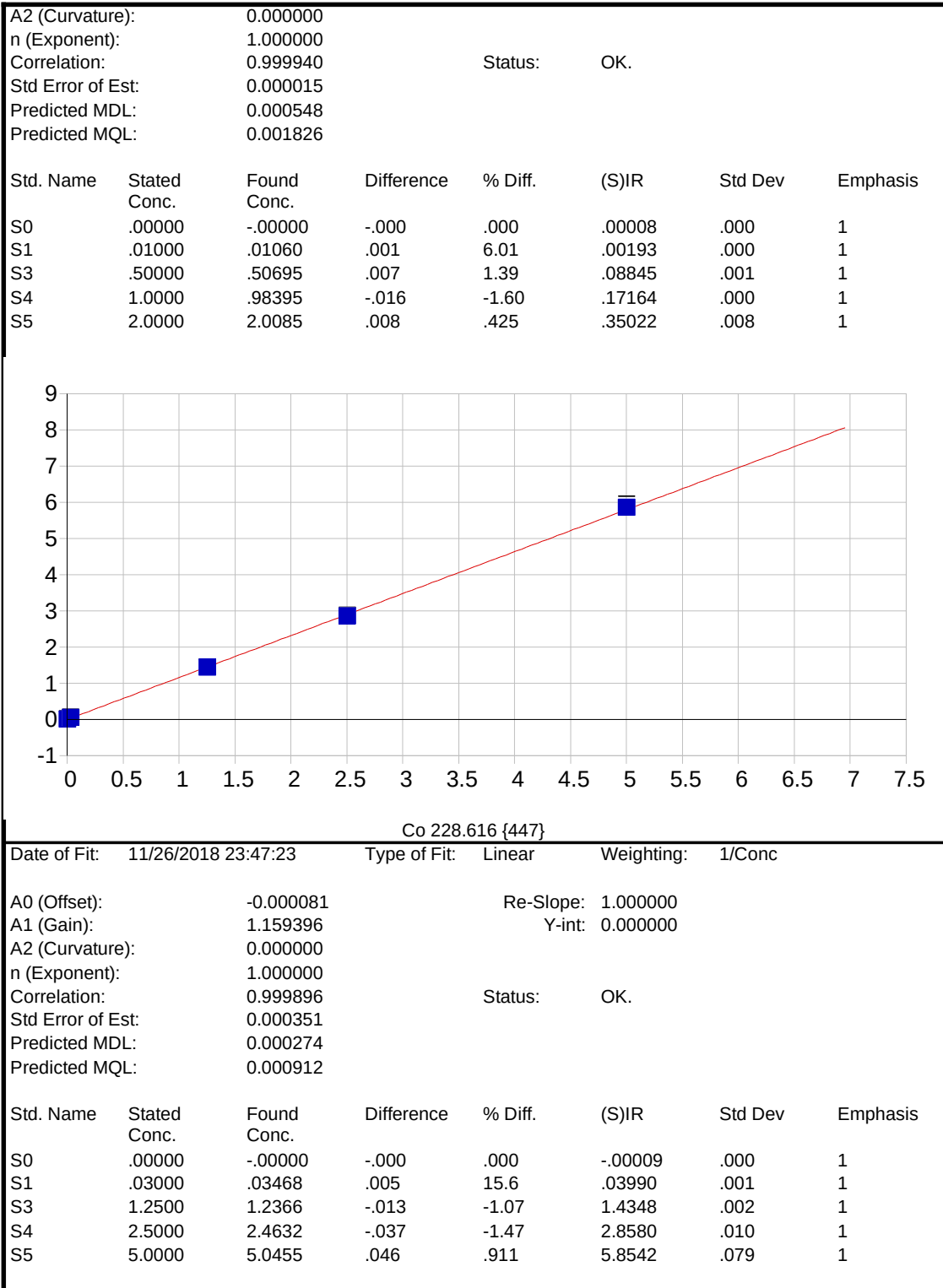


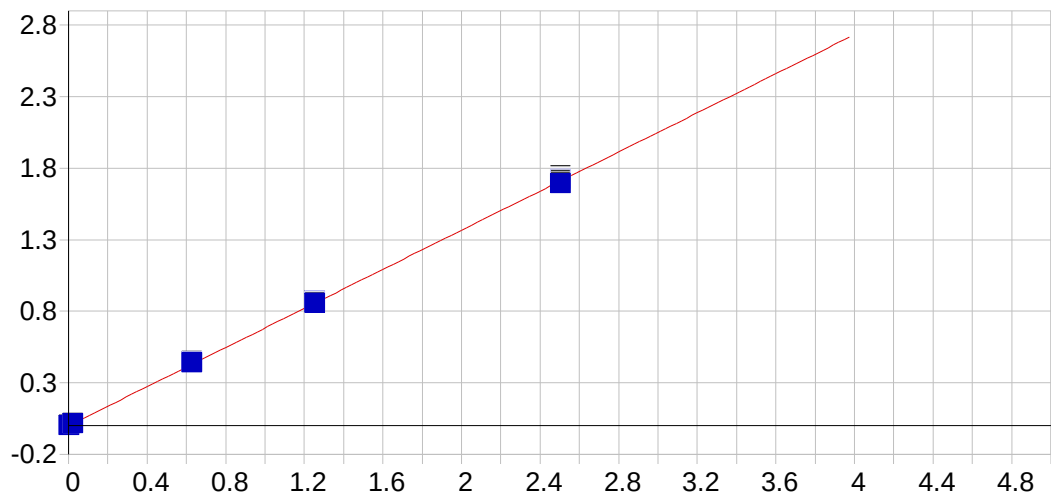
Cr 267.716 {126}

Date of Fit: 11/26/2018 23:47:23 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000083 Re-Slope: 1.000000
 A1 (Gain): 0.173044 Y-int: 0.000000





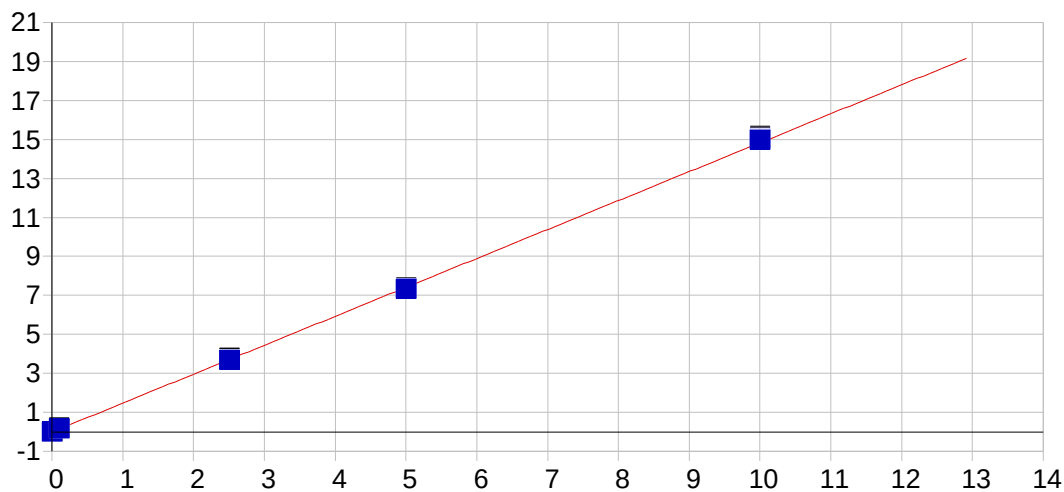


Cu 224.700 {450}

Date of Fit: 11/26/2018 23:47:23 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000009 Re-Slope: 1.000000
 A1 (Gain): 0.683460 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999864 Status: OK.
 Std Error of Est: 0.000139
 Predicted MDL: 0.000567
 Predicted MQL: 0.001890

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00001	.000	1
S1	.02000	.02263	.003	13.2	.01571	.000	1
S3	.62500	.64469	.020	3.15	.44854	.001	1
S4	1.2500	1.2533	.003	.266	.87244	.000	1
S5	2.5000	2.4743	-.026	-1.03	1.7228	.022	1

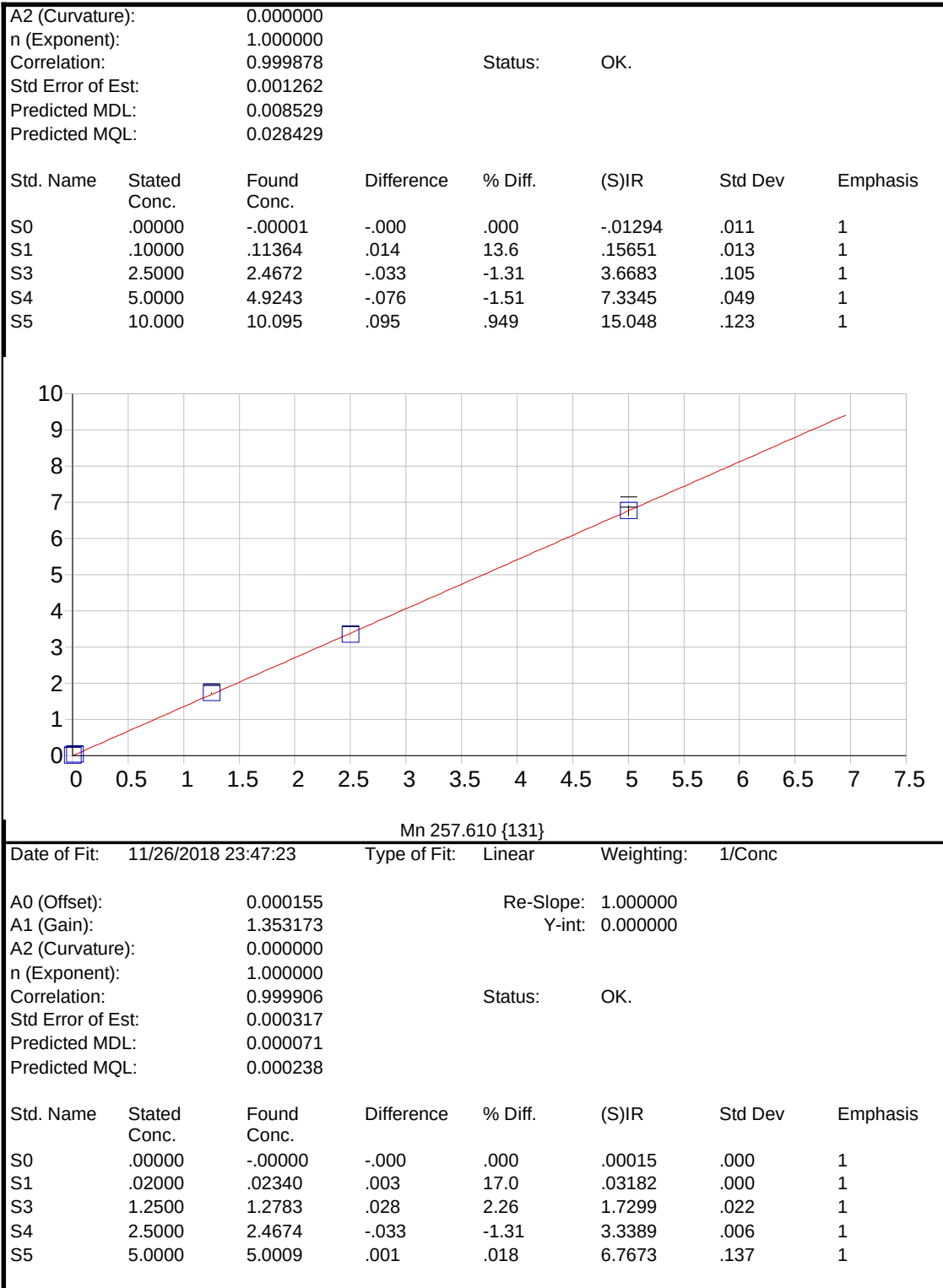


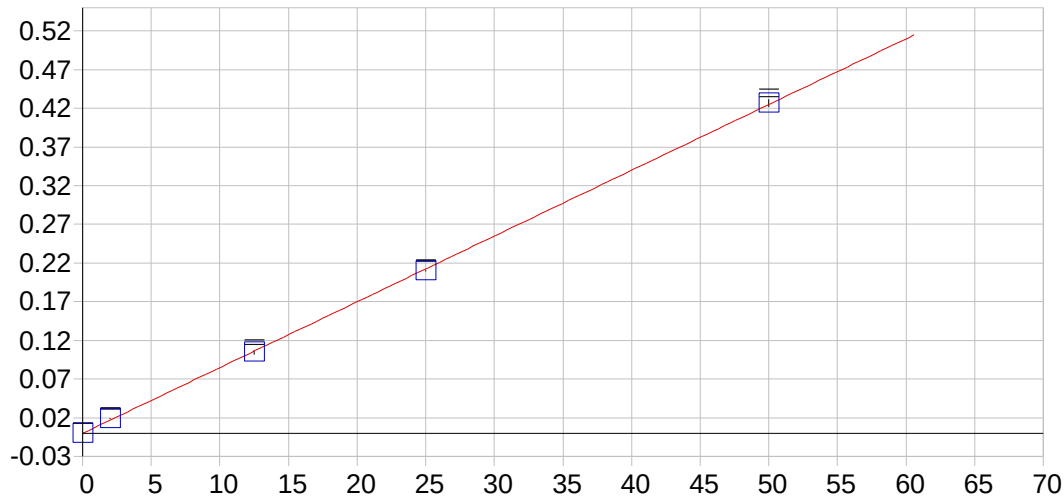
Fe 240.488 {140}

Date of Fit: 11/26/2018 23:47:23 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.012919 Re-Slope: 1.000000
 A1 (Gain): 1.484499 Y-int: 0.000000





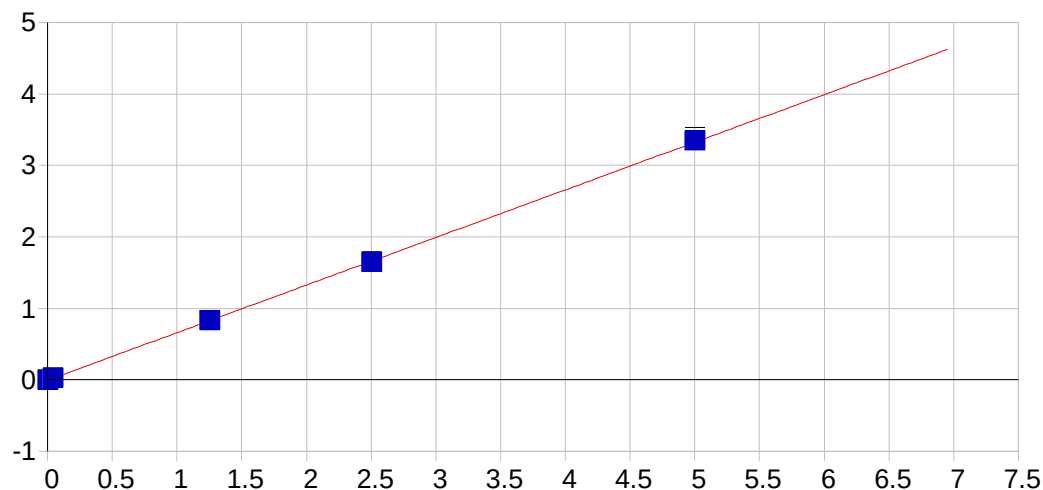


Mg 279.079 {121}

Date of Fit: 11/26/2018 23:47:23 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000238 Re-Slope: 1.000000
 A1 (Gain): 0.008502 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999836 Status: OK.
 Std Error of Est: 0.000084
 Predicted MDL: 0.052058
 Predicted MQL: 0.173528

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.2158	.216	10.8	.01860	.001	1
S0	.00000	-.00018	-.000	.000	-.00024	.000	1
S3	12.500	12.338	-.162	-1.30	.10466	.003	1
S4	25.000	24.724	-.276	-1.10	.20998	.000	1
S5	50.000	50.223	.223	.445	.42678	.005	1

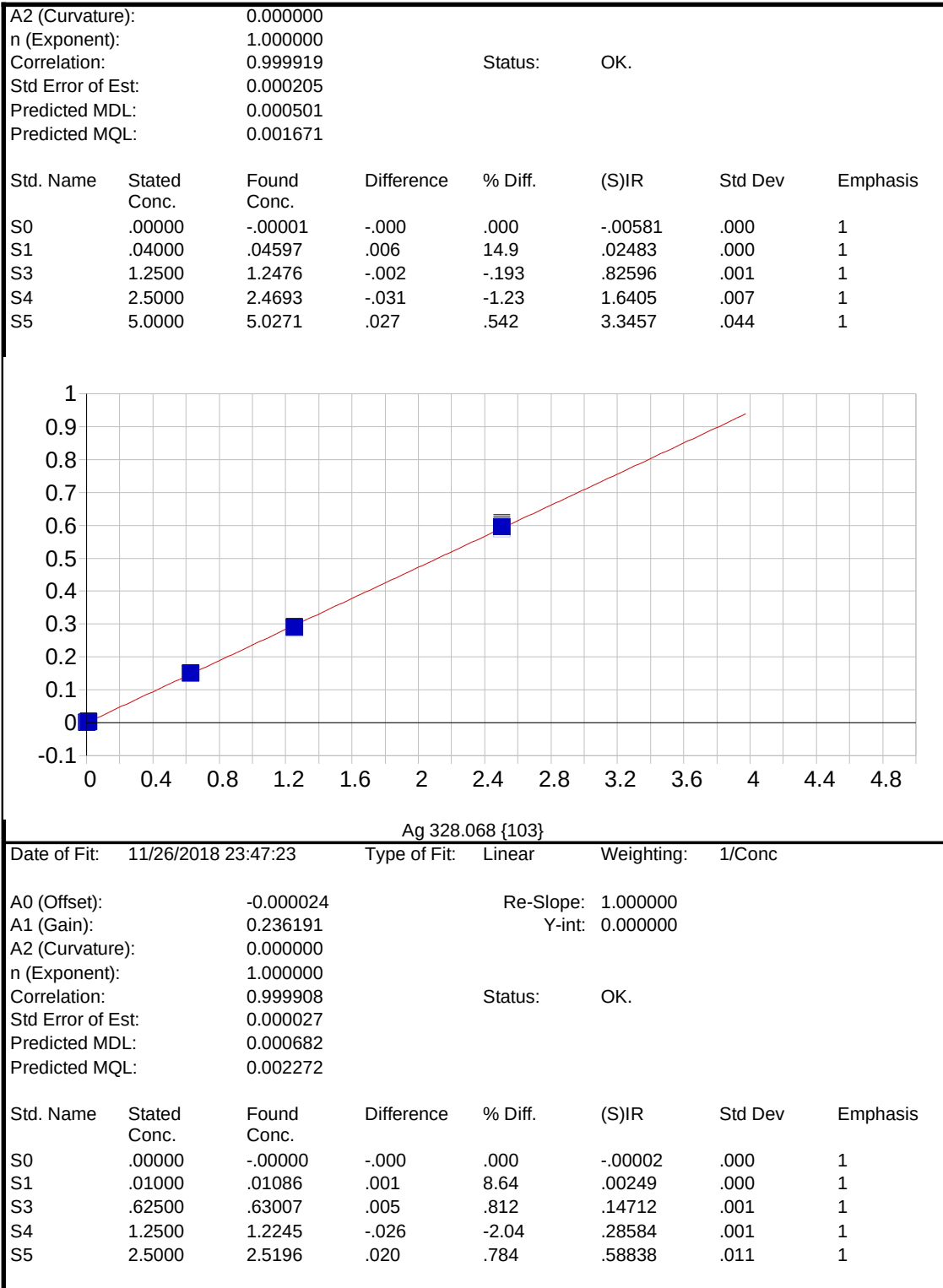


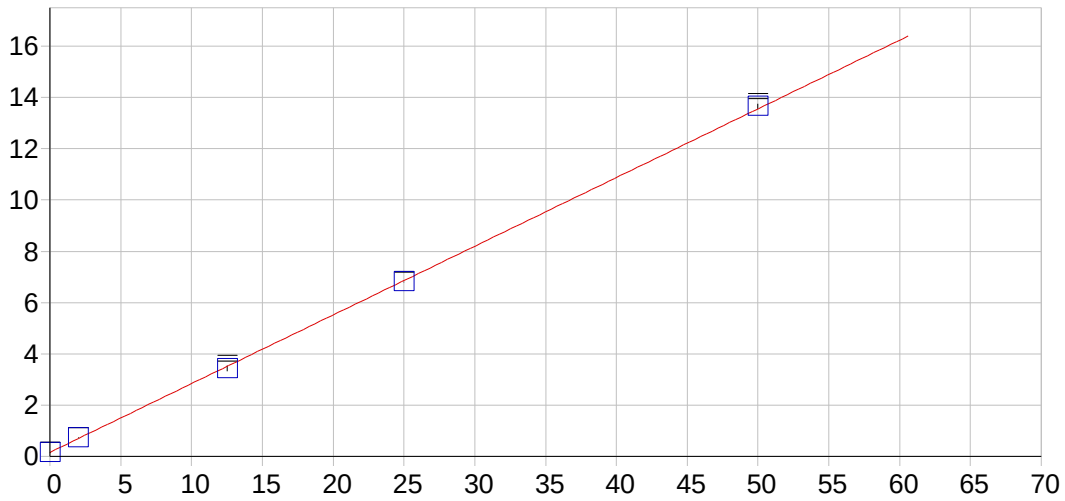
Ni 231.604 {445}

Date of Fit: 11/26/2018 23:47:23 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.005803 Re-Slope: 1.000000
 A1 (Gain): 0.665969 Y-int: 0.000000





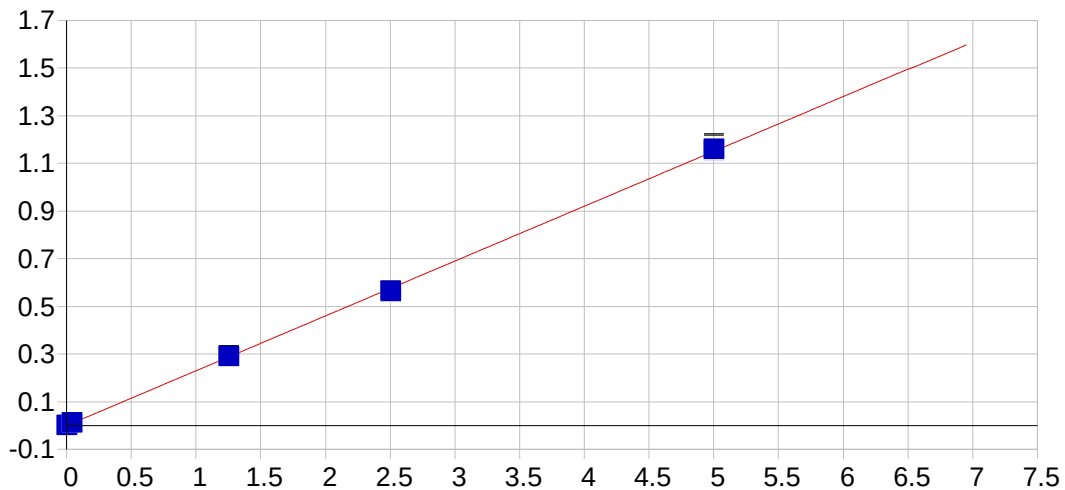


Na 589.592 { 57}

Date of Fit: 11/26/2018 23:47:23 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.158919 Re-Slope: 1.000000
 A1 (Gain): 0.267991 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999910 Status: OK.
 Std Error of Est: 0.001964
 Predicted MDL: 0.011842
 Predicted MQL: 0.039473

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1045	.105	5.23	.72292	.006	1
S0	.00000	-.00006	-.000	.000	.15890	.003	1
S3	12.500	12.207	-.293	-2.34	3.4304	.114	1
S4	25.000	24.827	-.173	-.694	6.8122	.015	1
S5	50.000	50.362	.362	.723	13.655	.088	1

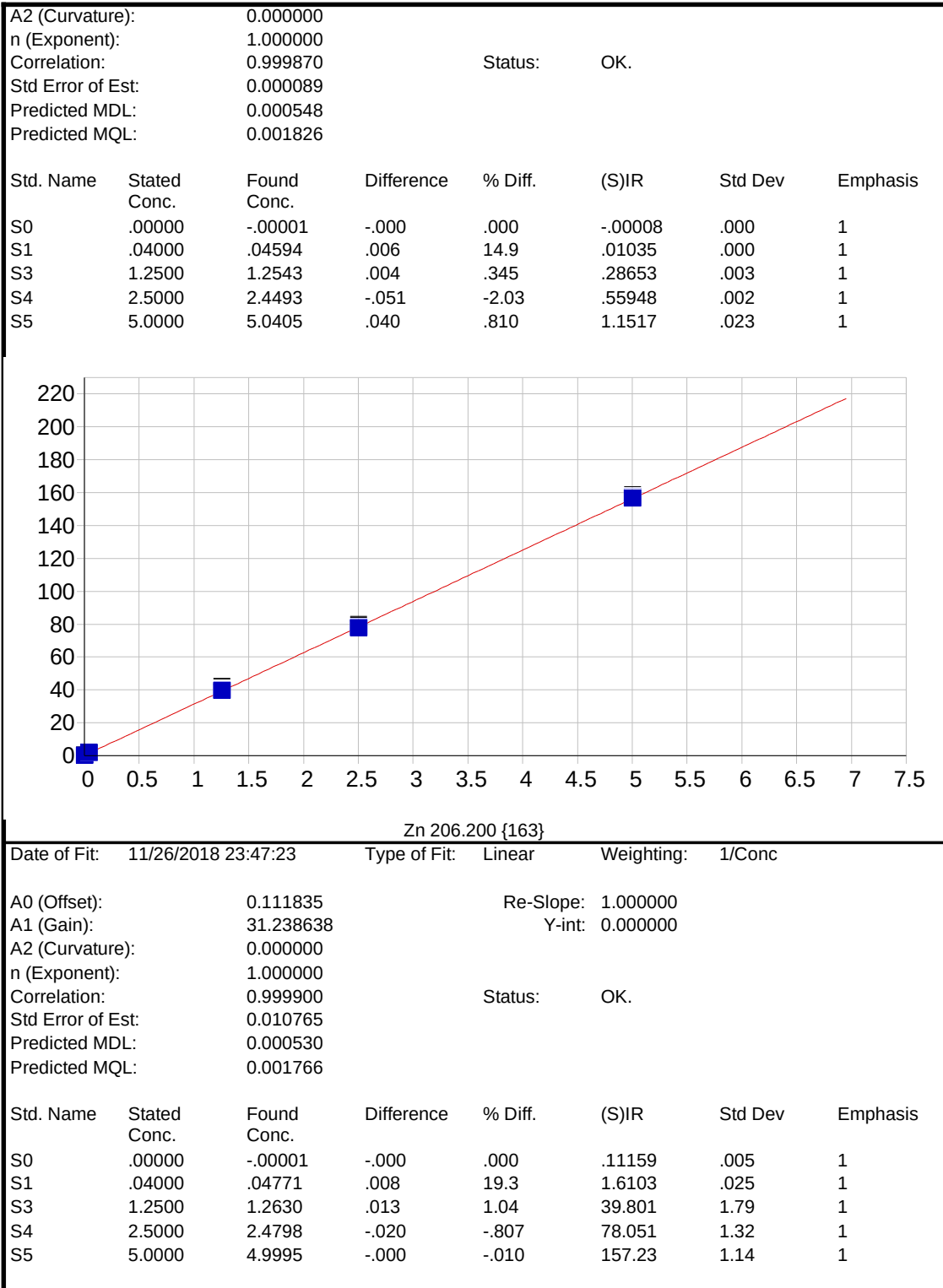


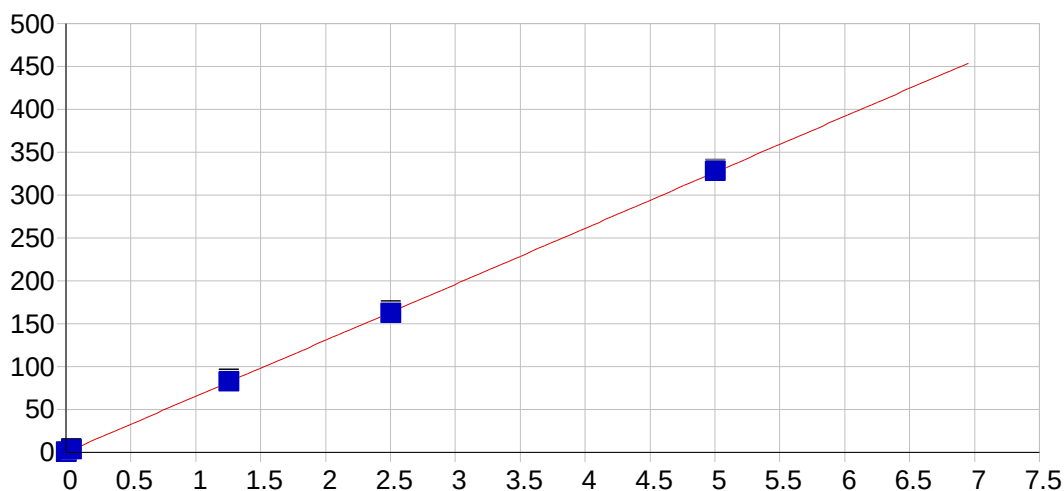
V 292.402 {115}

Date of Fit: 11/26/2018 23:47:23 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000077 Re-Slope: 1.000000
 A1 (Gain): 0.229991 Y-int: 0.000000





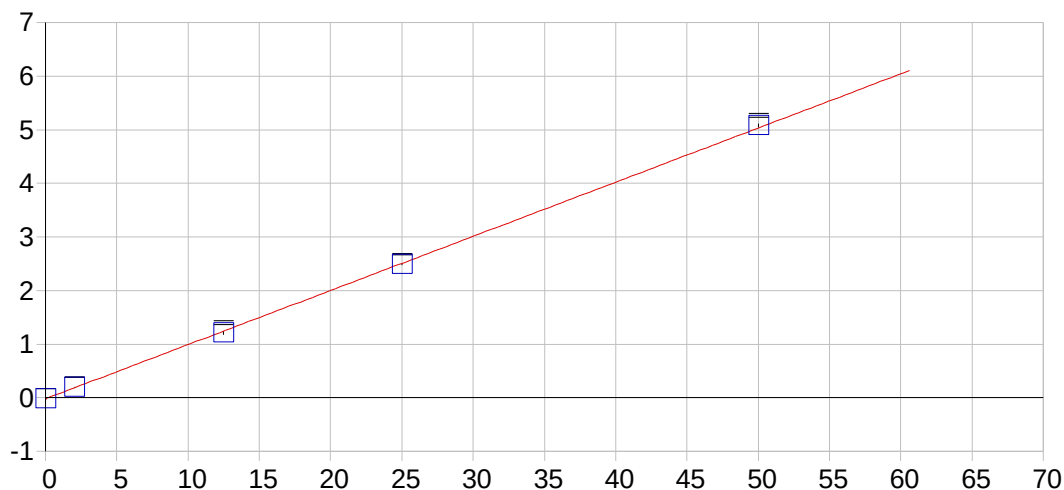


Zn 213.856 {458}

Date of Fit: 11/26/2018 23:47:23 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.157654 Re-Slope: 1.000000
 A1 (Gain): 65.279609 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999891 Status: OK.
 Std Error of Est: 0.023473
 Predicted MDL: 0.000112
 Predicted MQL: 0.000373

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.15714	.001	1
S1	.04000	.04806	.008	20.1	3.3119	.092	1
S3	1.2500	1.2533	.003	.265	82.467	2.74	1
S4	2.5000	2.4742	-.026	-1.03	162.66	2.02	1
S5	5.0000	5.0144	.014	.289	329.47	.139	1

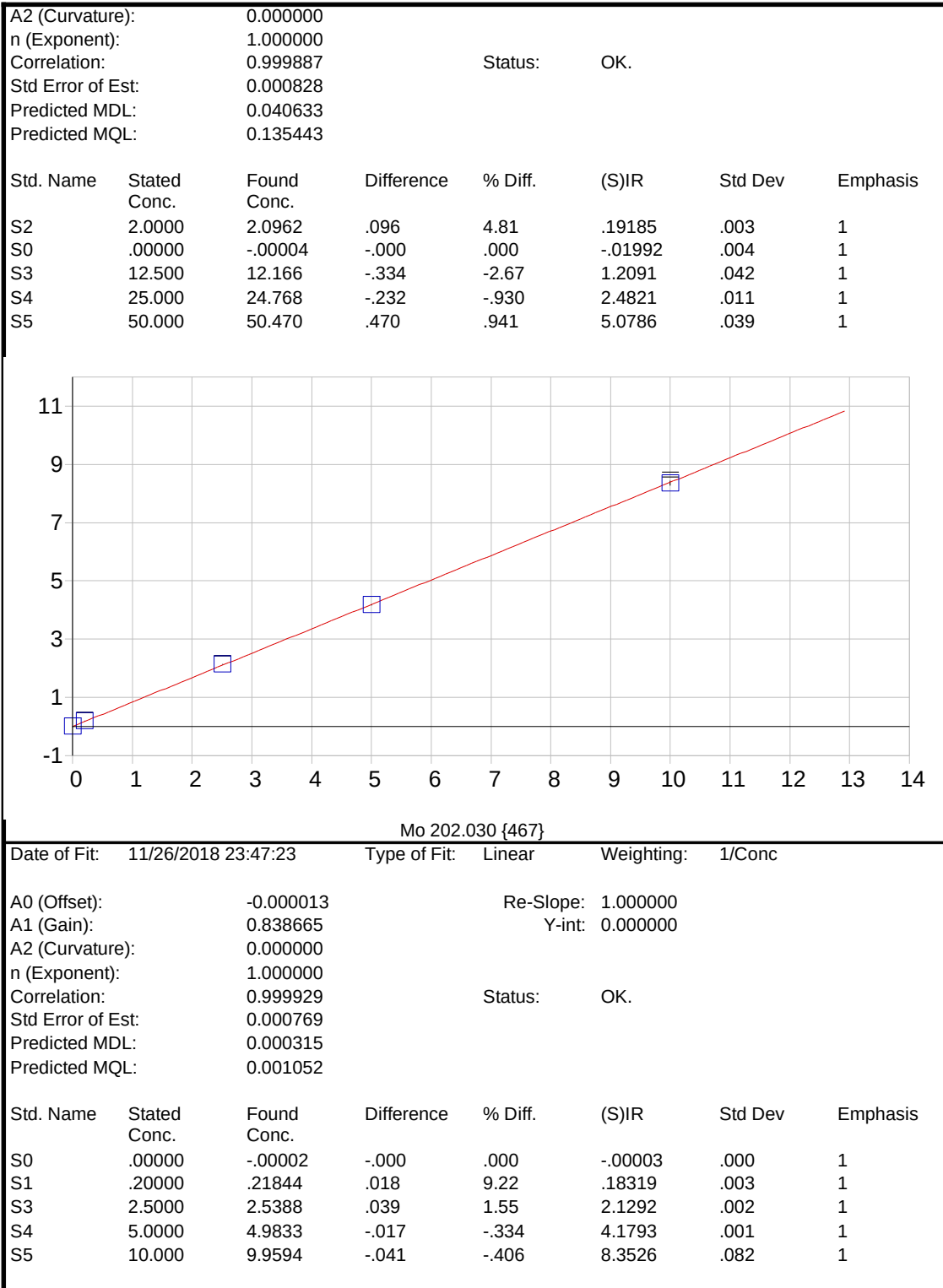


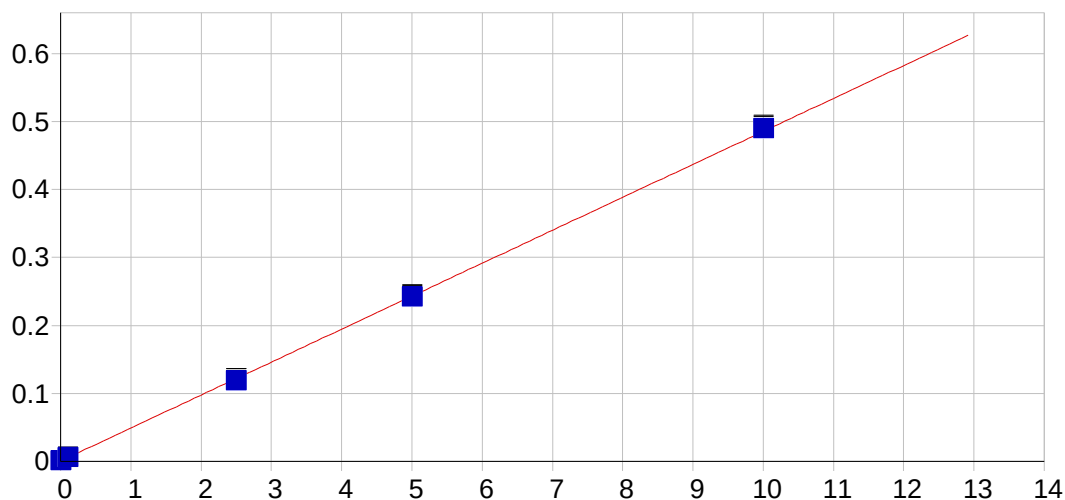
K 766.490 {44}

Date of Fit: 11/26/2018 23:47:23 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.019913 Re-Slope: 1.000000
 A1 (Gain): 0.101020 Y-int: 0.000000





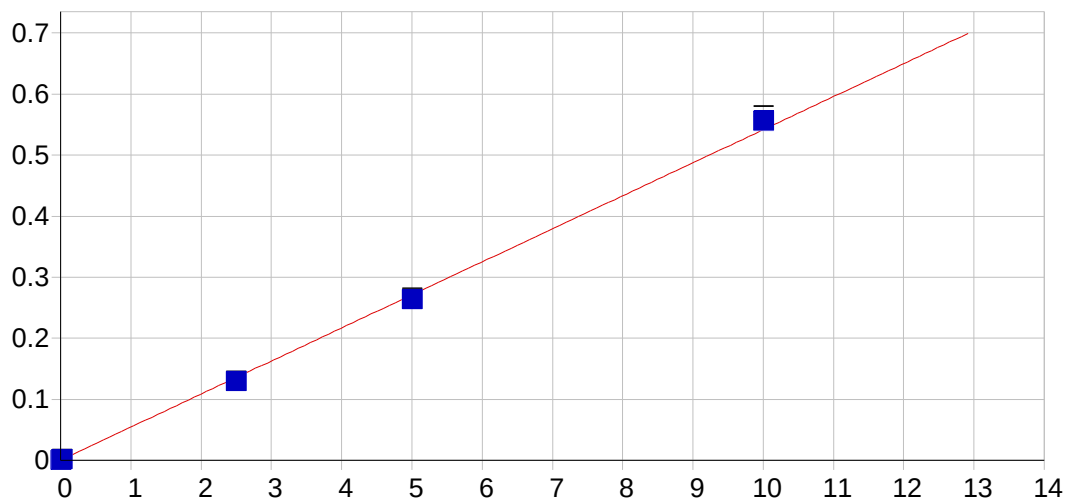


B 249.678 {135}

Date of Fit: 11/26/2018 23:47:23 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000637 Re-Slope: 1.000000
 A1 (Gain): 0.048478 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999893 Status: OK.
 Std Error of Est: 0.000038
 Predicted MDL: 0.008951
 Predicted MQL: 0.029837

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00064	.001	1
S1	.10000	.10886	.009	8.86	.00589	.000	1
S3	2.5000	2.4281	-.072	-2.88	.11806	.003	1
S4	5.0000	4.9753	-.025	-.493	.24126	.003	1
S5	10.000	10.088	.088	.877	.48853	.004	1

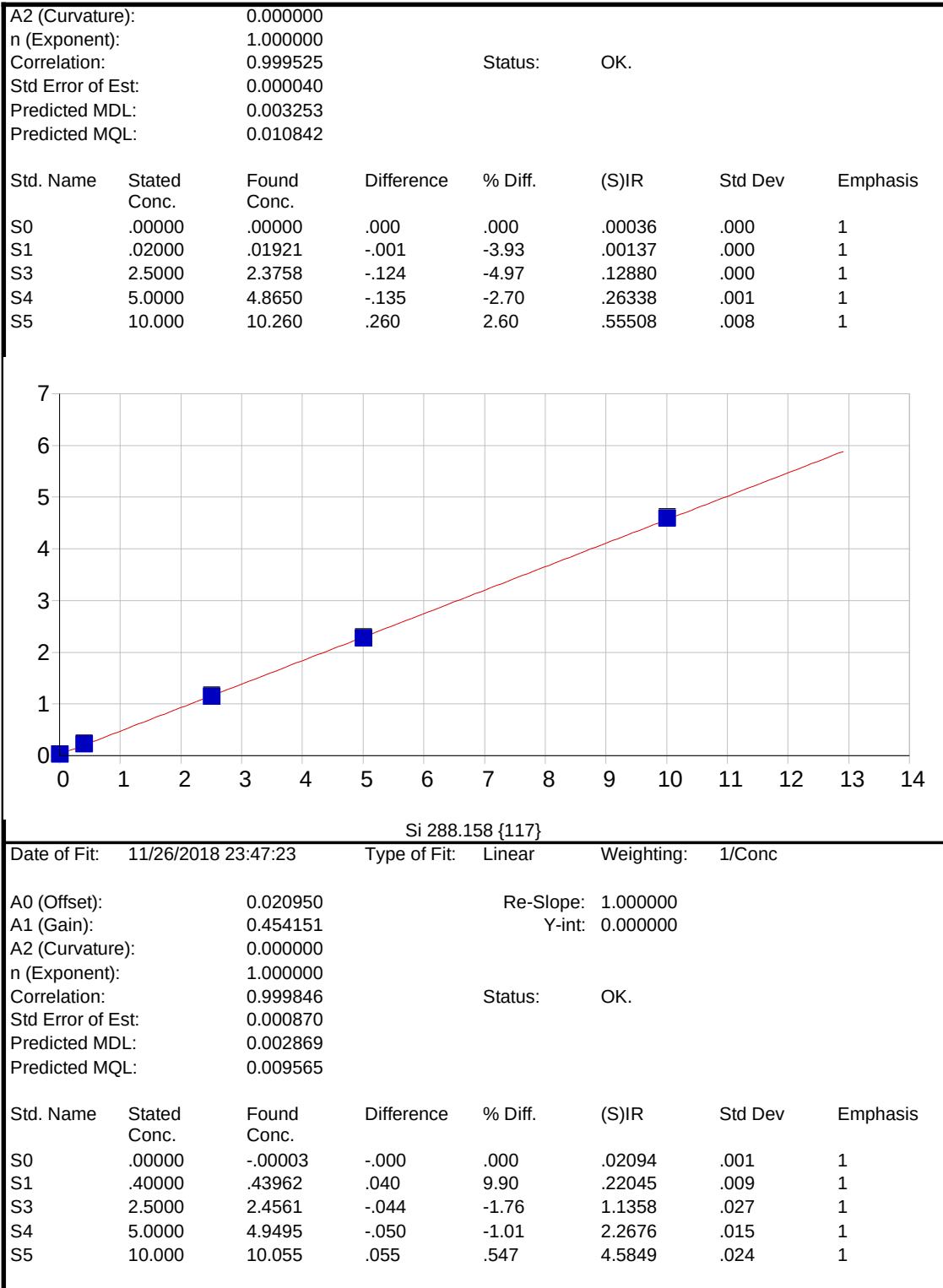


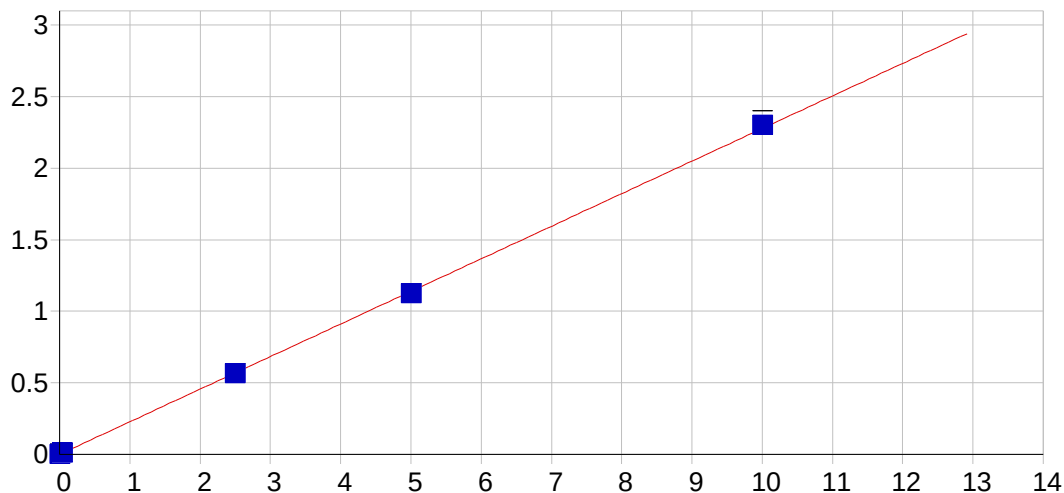
S 182.034 {485}

Date of Fit: 11/26/2018 23:47:23 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000363 Re-Slope: 1.000000
 A1 (Gain): 0.054125 Y-int: 0.000000





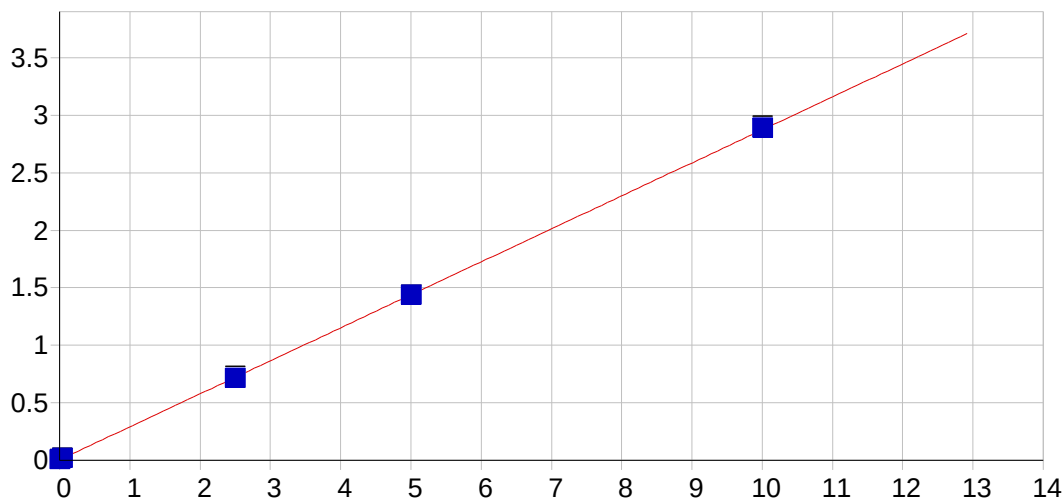


Sn 189.989 {477}

Date of Fit: 11/26/2018 23:47:23 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000419 Re-Slope: 1.000000
 A1 (Gain): 0.227712 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999923 Status: OK.
 Std Error of Est: 0.000096
 Predicted MDL: 0.000784
 Predicted MQL: 0.002613

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00042	.000	1
S1	.04000	.04481	.005	12.0	.01062	.000	1
S3	2.5000	2.4711	-.029	-1.16	.56322	.000	1
S4	5.0000	4.9319	-.068	-1.36	1.1237	.000	1
S5	10.000	10.092	.092	.922	2.2989	.030	1

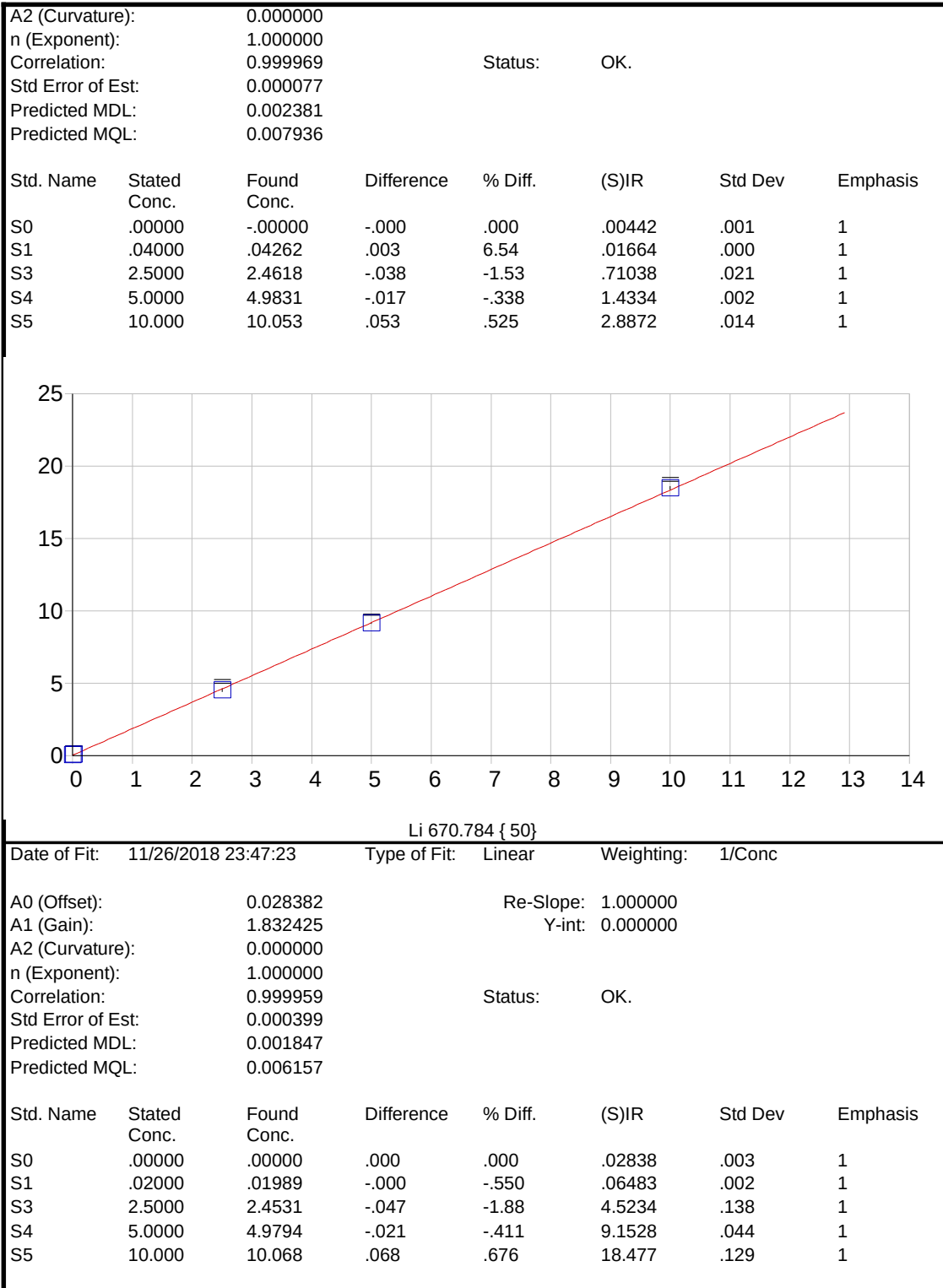


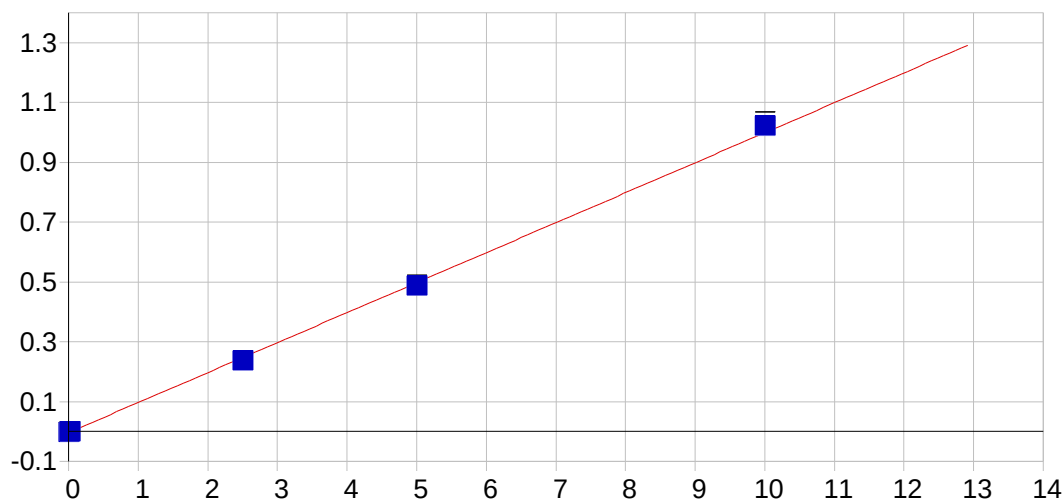
Ti 336.121 {100}

Date of Fit: 11/26/2018 23:47:23 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004422 Re-Slope: 1.000000
 A1 (Gain): 0.286810 Y-int: 0.000000





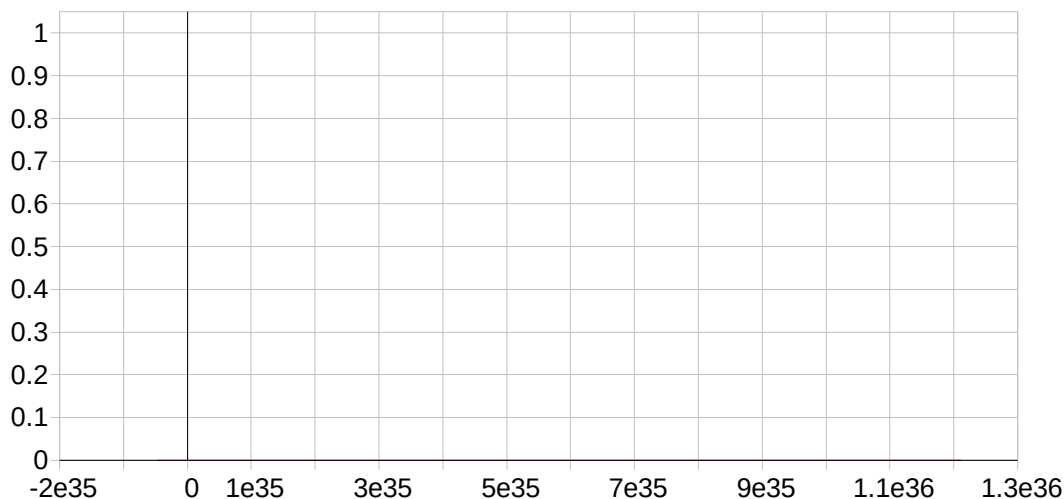


P 177.495 {490}

Date of Fit: 11/26/2018 23:47:23 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.003655 Re-Slope: 1.000000
 A1 (Gain): 0.100241 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999666 Status: OK.
 Std Error of Est: 0.000063
 Predicted MDL: 0.001832
 Predicted MQL: 0.006106

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00366	.000	1
S1	.02000	.01897	-.001	-5.13	-.00176	.000	1
S3	2.5000	2.3897	-.110	-4.41	.23553	.001	1
S4	5.0000	4.8963	-.104	-2.07	.48643	.001	1
S5	10.000	10.215	.215	2.15	1.0189	.015	1



Y 224.306 {450}*

Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000000 Re-Slope: 1.000000
 A1 (Gain): 0.000000 Y-int: 0.000000



Status: Warning Zero Gain

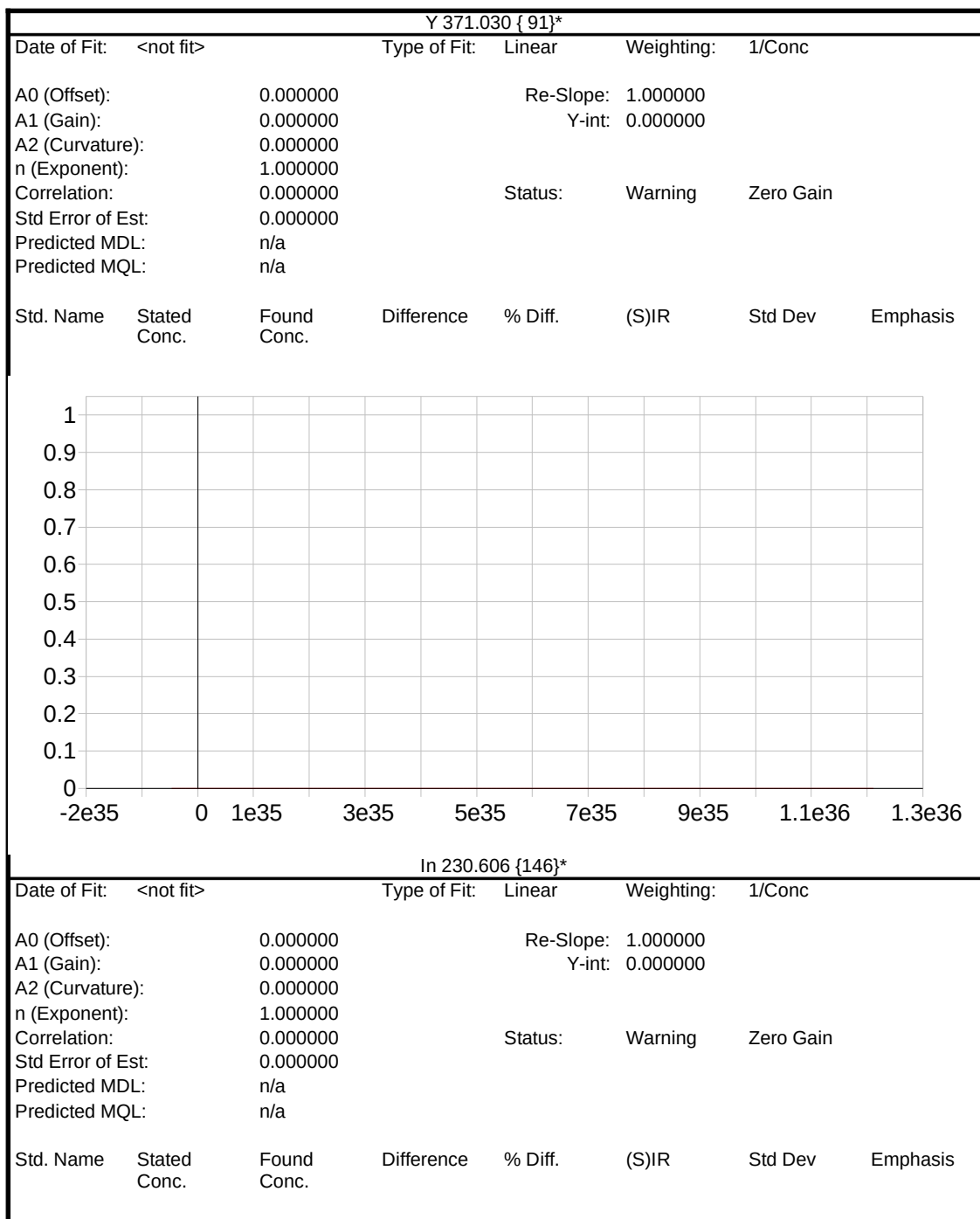
Y 360.073 { 94}*

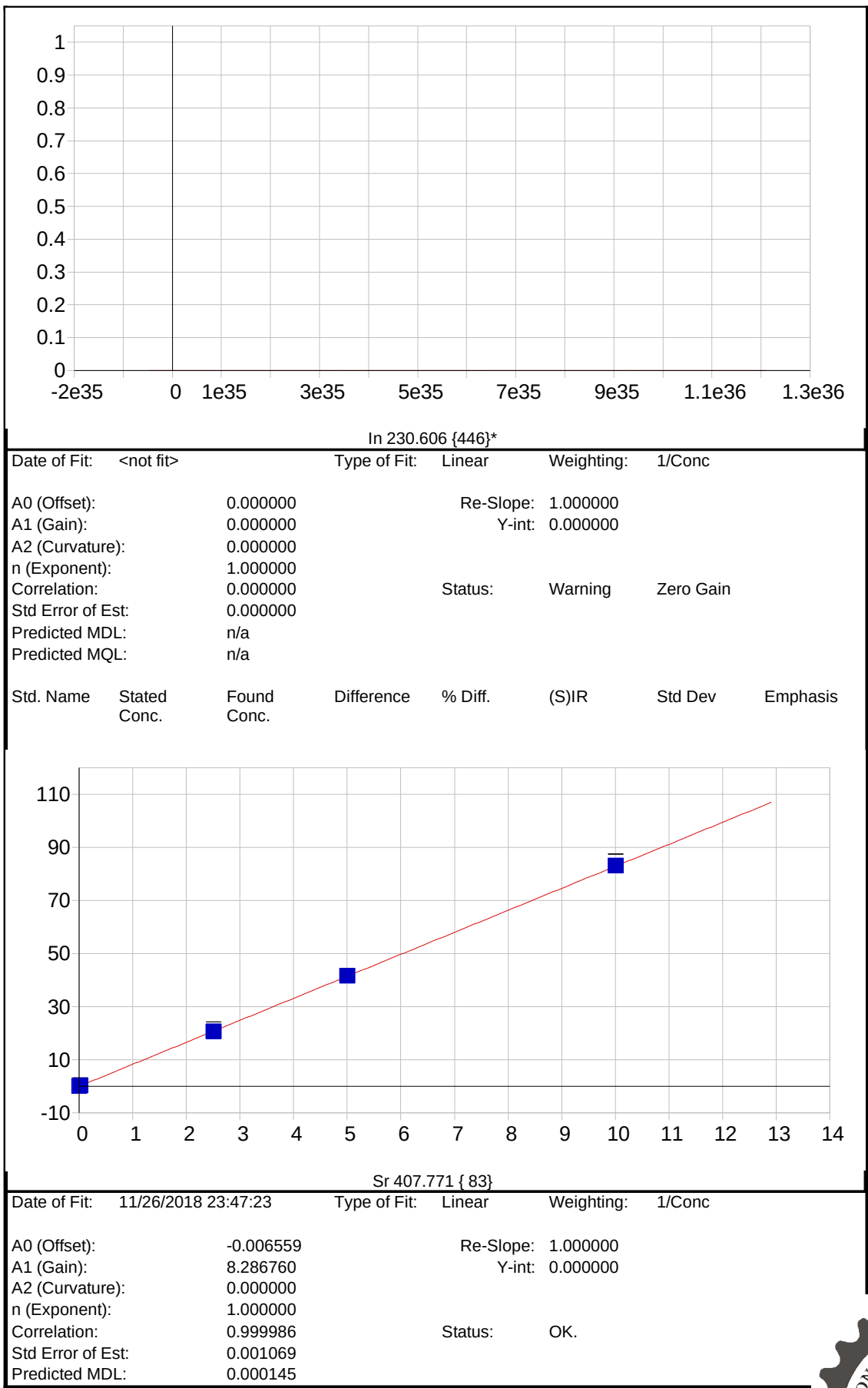
Weighting: 1/Conc

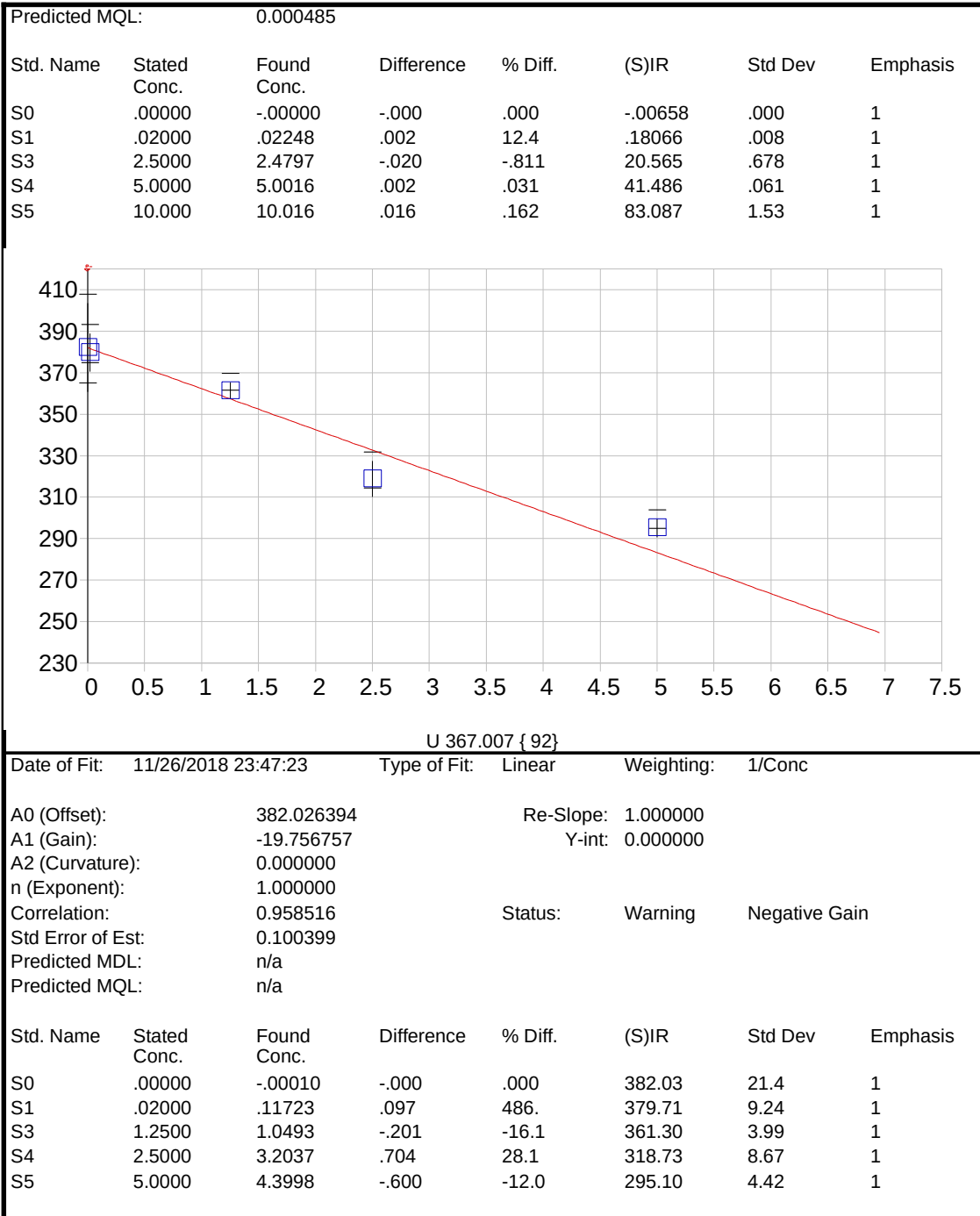
Re-Slope: 1.000000
Y-int: 0.000000

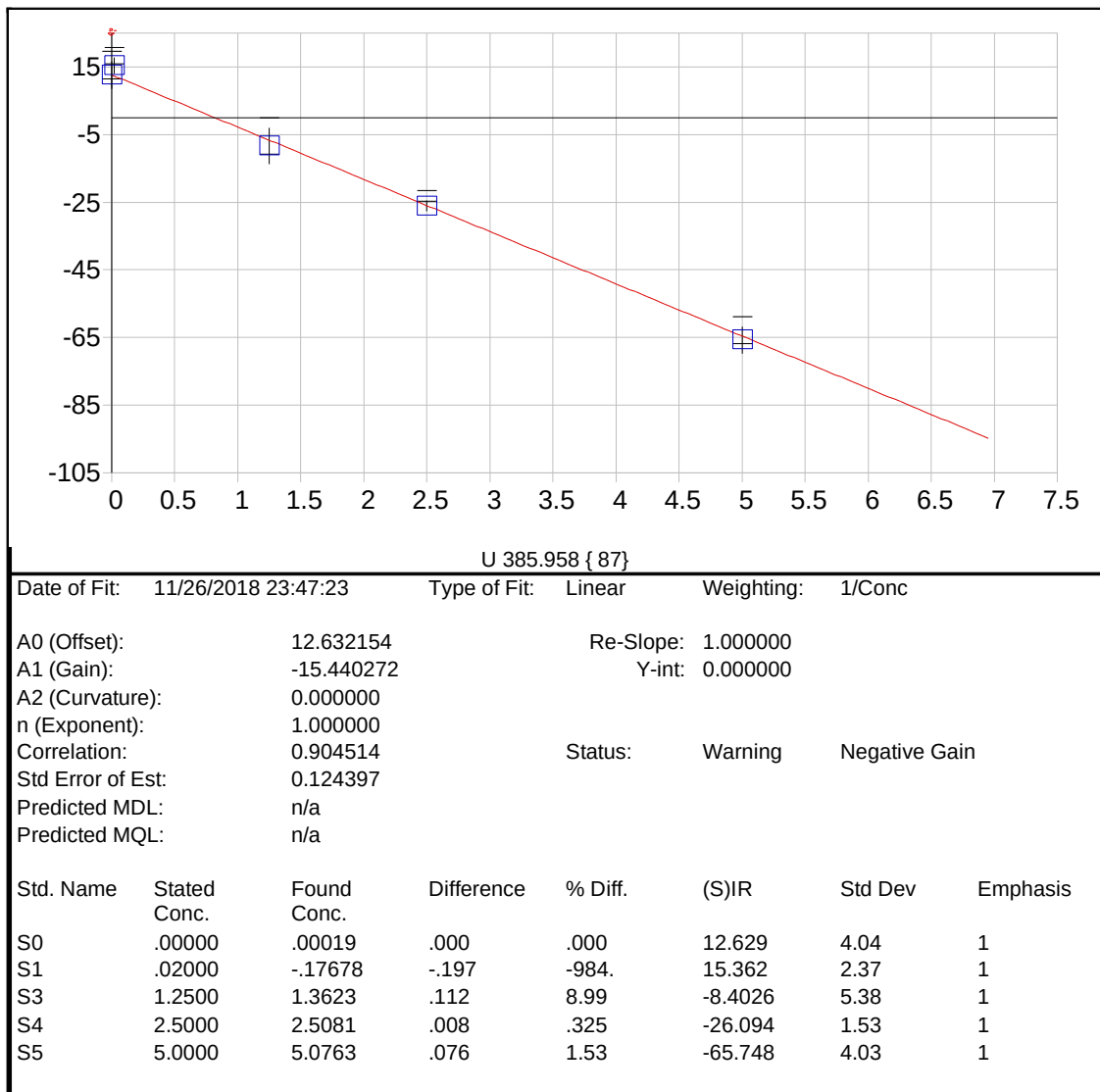
Status: Warning Zero Gain











Sample Name: S0 Acquired: 11/26/2018 12:14:16 Type: Cal
Method: P4-ICP2(v2601) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00001	-.00062	.00349	-.00023	.00057	.00004	.06458	.00005
Stddev	.00007	.00003	.00015	.00000	.00038	.00003	.00531	.00000
%RSD	697.66	4.3629	4.3459	.01398	66.953	87.021	8.2259	7.7225

#1	-.00004	-.00060	.00360	-.00023	.00084	.00001	.06082	.00005
#2	.00006	-.00064	.00338	-.00023	.00030	.00006	.06834	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00082	.00034	.00008	-.00009	-.00001	-.01294	.00015	-.00024
Stddev	.00016	.00019	.00002	.00003	.00005	.01118	.00005	.00020
%RSD	19.204	54.209	30.065	29.186	424.38	86.425	35.635	84.209

#1	-.00093	.00048	.00010	-.00010	-.00005	-.00503	.00019	-.00038
#2	-.00071	.00021	.00007	-.00007	.00002	-.02084	.00011	-.00010

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00581	-.00002	.15890	-.00008	.15714	-.01992	-.00003	.00064
Stddev	.00005	.00011	.00252	.00006	.00055	.00424	.00007	.00051
%RSD	.83864	469.83	1.5865	77.915	.35021	21.297	233.66	79.477

#1	-.00577	.00006	.15712	-.00004	.15675	-.01692	-.00008	.00099
#2	-.00584	-.00011	.16069	-.00012	.15753	-.02292	.00002	.00028

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00036	.02094	.00042	.00442	.02838	-.0037	-.00658	382.03
Stddev	.00013	.00082	.00011	.00057	.00321	.0000	.00022	21.43
%RSD	34.646	3.9005	27.303	12.801	11.309	.2871	3.3660	5.6098

#1	.00045	.02151	.00050	.00402	.02611	-.0037	-.00673	366.87
#2	.00027	.02036	.00034	.00482	.03065	-.0036	-.00642	397.18



Sample Name: S0 Acquired: 11/26/2018 12:14:16 Type: Cal
Method: P4-ICP2(v2601) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units Cts/S
Avg 12.629
Stddev 4.043
%RSD 32.009

#1 9.7707
#2 15.488

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3206.1	44617.	4072.6	98.902	3525.2
Stddev	.4	1483.	40.8	3.031	.2
%RSD	.01398	3.3246	1.0010	3.0646	.00552

#1	3206.4	43569.	4101.4	101.05	3525.3
#2	3205.8	45666.	4043.8	96.759	3525.0



Sample Name: S1 Acquired: 11/26/2018 12:18:19 Type: Cal
Method: P4-ICP2(v2601) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00124	.00730	.00673	.00154	.00907	.00086	.59589	.00668
Stddev	.00006	.00016	.00013	.00027	.00018	.00010	.02422	.00000
%RSD	4.5744	2.2001	1.8945	17.441	1.9310	11.921	4.0651	.00666

#1	.00128	.00741	.00664	.00135	.00920	.00093	.61301	.00668
#2	.00120	.00718	.00682	.00172	.00895	.00079	.57876	.00668

Elem	Cd2265	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Ni2316	Ag3280
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.01994	.00193	.03990	.01571	.15651	.03182	.02483	.00249
Stddev	.00029	.00005	.00100	.00042	.01286	.00001	.00010	.00010
%RSD	1.4372	2.6480	2.4995	2.6608	8.2159	.04251	.39084	4.0998

#1	.02014	.00189	.04060	.01601	.16560	.03183	.02490	.00242
#2	.01974	.00196	.03919	.01542	.14742	.03181	.02476	.00257

Elem	V_2924	Zn2138	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.01035	3.3119	.18319	.00589	.00137	.22045	.01062	.01664
Stddev	.00012	.0921	.00286	.00010	.00008	.00945	.00006	.00002
%RSD	1.1653	2.7799	1.5588	1.7570	6.0006	4.2869	.54988	.13135

#1	.01026	3.3770	.18521	.00597	.00143	.22713	.01066	.01662
#2	.01043	3.2468	.18117	.00582	.00131	.21377	.01058	.01665

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.06483	-.0018	.18066	379.71	15.362
Stddev	.00200	.0001	.00796	9.24	2.373
%RSD	3.0842	4.313	4.4074	2.4332	15.449

#1	.06624	-.0017	.18629	386.24	17.040
#2	.06341	-.0018	.17503	373.18	13.684



Sample Name: S1 Acquired: 11/26/2018 12:18:19 Type: Cal
Method: P4-ICP2(v2601) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3221.5	45629.	4068.7	97.593	3509.8
Stddev	48.3	102.	166.4	2.446	63.6
%RSD	1.4985	.22283	4.0895	2.5063	1.8120
#1	3187.4	45701.	3951.0	95.864	3464.8
#2	3255.7	45557.	4186.3	99.323	3554.7



Sample Name: S2 Acquired: 11/26/2018 12:22:22 Type: Cal
Method: P4-ICP2(v2601) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ca3736	Mg2790	Na5895	K_7664
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.08733	.01860	.72292	.19185
Stddev	.00325	.00071	.00562	.00290
%RSD	3.7268	3.8134	.77676	1.5129

#1	.08503	.01810	.71895	.18980
#2	.08963	.01910	.72689	.19390

Int. Std.	Y_3710
Units	Cts/S
Avg	4043.7
Stddev	55.1
%RSD	1.3630

#1	4082.7
#2	4004.7



Sample Name: S3 Acquired: 11/26/2018 12:26:19 Type: Cal
Method: P4-ICP2(v2601) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.14451	.42248	.71484	.18438	.38224	.03586	22.425	.12963
Stddev	.00010	.00073	.00065	.00091	.00097	.00052	.684	.00173
%RSD	.06627	.17232	.09096	.49153	.25418	1.4618	3.0492	1.3354

#1	.14444	.42300	.71438	.18502	.38292	.03623	22.908	.13085
#2	.14457	.42197	.71530	.18374	.38155	.03549	21.941	.12840

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.1246	.49217	.08845	1.4348	.44854	3.6683	1.7299	.10466
Stddev	.0000	.01430	.00076	.0018	.00064	.1048	.0219	.00293
%RSD	.00048	2.9048	.86030	.12268	.14200	2.8565	1.2681	2.8019

#1	4.1246	.50228	.08899	1.4360	.44899	3.7423	1.7454	.10674
#2	4.1246	.48206	.08792	1.4335	.44809	3.5942	1.7144	.10259

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.82596	.14712	3.4304	.28653	82.467	1.2091	2.1292	.11806
Stddev	.00055	.00108	.1140	.00315	2.743	.0416	.0024	.00302
%RSD	.06717	.73180	3.3222	1.1004	3.3262	3.4396	.11243	2.5550

#1	.82635	.14788	3.5110	.28876	84.407	1.2385	2.1309	.12019
#2	.82556	.14636	3.3498	.28430	80.528	1.1797	2.1275	.11593

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.12880	1.1358	.56322	.71038	4.5234	.2355	20.565	361.30
Stddev	.00004	.0270	.00050	.02083	.1384	.0006	.678	3.99
%RSD	.03074	2.3782	.08829	2.9318	3.0597	.2390	3.2945	1.1030

#1	.12877	1.1549	.56357	.72511	4.6213	.2359	21.044	358.48
#2	.12883	1.1167	.56287	.69566	4.4256	.2351	20.086	364.11



Sample Name: S3 Acquired: 11/26/2018 12:26:19 Type: Cal
Method: P4-ICP2(v2601) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units Cts/S
Avg -8.4026
Stddev 5.3789
%RSD 64.015

#1 -4.5991
#2 -12.206

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3138.1	43597.	4240.9	96.951	3258.5
Stddev	12.7	488.	122.4	3.502	13.8
%RSD	.40396	1.1204	2.8867	3.6123	.42469

#1	3129.1	43252.	4154.3	94.475	3248.7
#2	3147.0	43942.	4327.5	99.428	3268.2



Sample Name: S4 Acquired: 11/26/2018 12:30:07 Type: Cal
Method: P4-ICP2(v2601) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.28603	.83554	1.4094	.36388	.75303	.07118	45.364	.25254
Stddev	.00043	.00171	.0025	.00103	.00051	.00026	.142	.00041
%RSD	.15081	.20454	.17828	.28348	.06763	.36141	.31378	.16174

#1	.28633	.83675	1.4111	.36461	.75339	.07100	45.263	.25283
#2	.28572	.83433	1.4076	.36315	.75267	.07136	45.465	.25225

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	8.2434	.99712	.17164	2.8580	.87244	7.3345	3.3389	.20998
Stddev	.0212	.00505	.00026	.0095	.00004	.0489	.0060	.00050
%RSD	.25753	.50687	.14887	.33354	.00450	.66720	.17926	.23650

#1	8.2584	.99355	.17146	2.8648	.87242	7.3691	3.3347	.20962
#2	8.2284	1.0007	.17182	2.8513	.87247	7.2999	3.3432	.21033

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.6405	.28584	6.8122	.55948	162.66	2.4821	4.1793	.24126
Stddev	.0067	.00096	.0155	.00161	2.02	.0106	.0005	.00276
%RSD	.40728	.33462	.22704	.28820	1.2449	.42666	.01227	1.1457

#1	1.6452	.28516	6.8013	.55834	164.09	2.4746	4.1797	.23931
#2	1.6358	.28651	6.8231	.56062	161.23	2.4896	4.1789	.24322

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.26338	2.2676	1.1237	1.4334	9.1528	.4864	41.486	318.73
Stddev	.00147	.0149	.0001	.0023	.0440	.0010	.061	8.67
%RSD	.55957	.65517	.01079	.16297	.48073	.2097	.14601	2.7210

#1	.26442	2.2571	1.1236	1.4351	9.1217	.4871	41.443	324.87
#2	.26234	2.2781	1.1238	1.4318	9.1839	.4857	41.529	312.60



Sample Name: S4 Acquired: 11/26/2018 12:30:07 Type: Cal
Method: P4-ICP2(v2601) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units Cts/S
Avg -26.094
Stddev 1.533
%RSD 5.8757

#1 -27.178
#2 -25.010

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3079.5	43056.	4095.7	94.249	3112.8
Stddev	7.9	98.	17.4	1.270	13.0
%RSD	.25789	.22861	.42592	1.3473	.41766

#1	3073.9	43125.	4108.1	93.351	3103.6
#2	3085.1	42986.	4083.4	95.147	3122.0



Sample Name: S5 Acquired: 11/26/2018 12:33:54 Type: Cal
Method: P4-ICP2(v2601) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.57938	1.6766	2.8673	.73311	1.5199	.14788	88.937	.51818
Stddev	.00593	.0263	.0419	.00791	.0161	.00309	2.155	.01209
%RSD	1.0228	1.5708	1.4623	1.0787	1.0606	2.0909	2.4231	2.3328

#1	.58357	1.6952	2.8970	.73870	1.5313	.14570	90.461	.50964
#2	.57519	1.6580	2.8377	.72752	1.5085	.15007	87.414	.52673

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	16.875	2.0163	.35022	5.8542	1.7228	15.048	6.7673	.42678
Stddev	.243	.0147	.00811	.0790	.0218	.123	.1367	.00461
%RSD	1.4371	.72682	2.3145	1.3504	1.2632	.81443	2.0196	1.0797

#1	17.047	2.0059	.34449	5.9101	1.7382	14.961	6.6706	.42352
#2	16.704	2.0266	.35596	5.7983	1.7074	15.134	6.8639	.43003

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.3457	.58838	13.655	1.1517	329.47	5.0786	8.3526	.48853
Stddev	.0437	.01059	.088	.0235	.14	.0388	.0824	.00423
%RSD	1.3060	1.7997	.64236	2.0378	.04209	.76306	.98600	.86503

#1	3.3766	.58089	13.593	1.1351	329.37	5.0512	8.4109	.48555
#2	3.3148	.59587	13.717	1.1683	329.57	5.1060	8.2944	.49152

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.55508	4.5849	2.2989	2.8872	18.477	1.019	83.087	295.10
Stddev	.00792	.0236	.0303	.0144	.129	.015	1.532	4.42
%RSD	1.4265	.51374	1.3170	.50016	.70017	1.439	1.8442	1.4990

#1	.56068	4.5683	2.3203	2.8770	18.385	1.029	82.003	298.23
#2	.54949	4.6016	2.2775	2.8974	18.568	1.008	84.170	291.97



Sample Name: S5 Acquired: 11/26/2018 12:33:54 Type: Cal
Method: P4-ICP2(v2601) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units Cts/S
Avg -65.748
Stddev 4.027
%RSD 6.1250

#1 -62.900
#2 -68.595

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3010.2	41425.	4040.3	90.706	2945.0
Stddev	25.3	662.	9.3	.271	34.4
%RSD	.84041	1.5979	.22941	.29901	1.1685

#1	2992.3	41893.	4046.8	90.898	2920.7
#2	3028.1	40957.	4033.7	90.514	2969.4



Sample Name: ICV01 Acquired: 11/26/2018 12:42:16 Type: Unk
Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0108	1.0422	.99324	1.0158	.99193	2.5711	.52573
Stddev	.0042	.0060	.00074	.0064	.00424	.1003	.00233
%RSD	.41222	.57654	.07449	.63292	.42715	3.9018	.44395

#1	1.0138	1.0465	.99271	1.0203	.99492	2.6421	.52738
#2	1.0079	1.0380	.99376	1.0112	.98893	2.5002	.52408

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49749	.48512	10.459	.51432	.49998	.51557	5.0664
Stddev	.02120	.00162	.045	.01752	.00069	.00092	.0163
%RSD	4.2611	.33457	.43404	3.4065	.13704	.17843	.32257

#1	.51248	.48627	10.427	.52671	.50047	.51622	5.0780
#2	.48250	.48398	10.491	.50193	.49950	.51492	5.0548

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.52955	6.1037	.50376	.50993	10.077	.51349	1.0336
Stddev	.02295	.0482	.00212	.02051	.003	.02016	.0049
%RSD	4.3338	.78977	.42127	4.0225	.02550	3.9269	.47707

#1	.54578	6.0696	.50526	.52444	10.075	.52775	1.0370
#2	.51332	6.1378	.50226	.49543	10.079	.49924	1.0301

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.098	2.5517	2.5914	F .00911	2.5123	2.4825	2.6101
Stddev	.068	.0146	.0037	.00120	.0162	.0055	.0050
%RSD	.67606	.57088	.14088	13.118	.64545	.21974	.19144

#1	10.147	2.5620	2.5939	.00827	2.5238	2.4864	2.6136
#2	10.050	2.5414	2.5888	.00996	2.5008	2.4787	2.6066



Sample Name: ICV01 Acquired: 11/26/2018 12:42:16 Type: Unk
Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.00113	F -.0058	F .00655	F 1.3809	1.0008
Stddev	.00028	.0020	.00002	.7419	.2491
%RSD	25.098	35.20	.34026	53.730	24.895
#1	-.00093	-.0044	.00657	1.9055	1.1769
#2	-.00133	-.0072	.00653	.85624	.82460
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3185.9	43784.	4167.1	96.723	3380.4
Stddev	13.8	1692.	.0	.444	14.1
%RSD	.43272	3.8633	.00099	.45952	.41703
#1	3176.2	42588.	4167.2	96.409	3370.4
#2	3195.7	44980.	4167.1	97.037	3390.3



Sample Name: LLICV01 Acquired: 11/26/2018 12:46:06 Type: Unk
Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02173	.04780	.01172	.02062	.05814	.10849	.11742
Stddev	.00176	.00011	.00010	.00259	.00151	.00820	.00050
%RSD	8.0968	.23942	.88358	12.574	2.5936	7.5622	.42387

#1	.02048	.04788	.01180	.02246	.05920	.10269	.11706
#2	.02297	.04772	.01165	.01879	.05707	.11430	.11777

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00657	.00621	2.2641	.01068	.03471	.02002	.10509
Stddev	.00010	.00010	.0047	.00025	.00029	.00028	.00857
%RSD	1.5057	1.6361	.20644	2.3089	.82778	1.4065	8.1556

#1	.00664	.00628	2.2675	.01085	.03492	.01982	.11116
#2	.00650	.00613	2.2608	.01050	.03451	.02022	.09903

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02377	2.3977	.04503	.01090	2.0922	.04640	.04707
Stddev	.00000	.0349	.00060	.00035	.0022	.00015	.00084
%RSD	.01316	1.4568	1.3249	3.2082	.10306	.31925	1.7899

#1	.02377	2.4224	.04545	.01066	2.0907	.04630	.04766
#2	.02377	2.3730	.04460	.01115	2.0938	.04651	.04647

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1532	.21872	.11478	.01602	.43178	.04442	.04301
Stddev	.0065	.00061	.00415	.00052	.00283	.00038	.00099
%RSD	.30152	.27775	3.6194	3.2716	.65522	.85437	2.3015

#1	2.1486	.21829	.11184	.01639	.43378	.04469	.04231
#2	2.1578	.21915	.11772	.01565	.42978	.04415	.04371



Sample Name: LLICV01 Acquired: 11/26/2018 12:46:06 Type: Unk
Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.02101	.0194	.02225	F<.00000	F .51407
Stddev	.00322	.0007	.00015	.18090	.02266
%RSD	15.333	3.532	.67948	44.713	4.4076
#1	.01873	.0189	.02214	-.27667	.53010
#2	.02329	.0199	.02236	-.53250	.49805
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3215.5	45395.	4169.5	99.011	3529.0
Stddev	.2	228.	34.8	1.501	5.8
%RSD	.00776	.50274	.83569	1.5160	.16462
#1	3215.3	45234.	4144.9	97.950	3524.9
#2	3215.7	45556.	4194.2	100.07	3533.1



Sample Name: ICB01 Acquired: 11/26/2018 12:50:10 Type: Unk
 Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00106	.00064	-.00207	.00268	-.00037	-.00569	-.00018
Stddev	.00068	.00086	.00079	.00158	.00043	.00406	.00005
%RSD	64.258	134.20	38.140	58.788	114.63	71.394	28.261

#1	.00058	.00125	-.00152	.00157	-.00007	-.00857	-.00022
#2	.00154	.00003	-.00263	.00380	-.00067	-.00282	-.00015

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.00006	.01167	.00015	.00020	-.00004	.00059
Stddev	.00011	.00002	.00831	.00014	.00005	.00011	.00784
%RSD	514.37	29.312	71.230	90.342	26.312	270.33	1323.6

#1	.00006	.00007	.00579	.00025	.00024	.00004	.00613
#2	-.00010	.00005	.01754	.00006	.00016	-.00012	-.00495

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	.04221	.00036	.00008	-.17518	.00017	-.00015
Stddev	.00003	.02144	.00012	.00067	.00039	.00040	.00001
%RSD	85.556	50.804	33.722	886.68	.22092	231.73	6.9004

#1	-.00001	.02705	.00028	.00055	-.17491	.00046	-.00014
#2	-.00005	.05737	.00045	-.00040	-.17545	-.00011	-.00016

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01804	.00018	.00926	-.00198	-.00208	.00073	-.00252
Stddev	.01233	.00021	.00382	.00250	.00192	.00024	.00016
%RSD	68.353	115.86	41.208	126.37	92.360	32.579	6.3454

#1	-.02676	.00033	.00656	-.00375	-.00072	.00090	-.00241
#2	-.00932	.00003	.01196	-.00021	-.00343	.00056	-.00263



Sample Name: ICB01 Acquired: 11/26/2018 12:50:10 Type: Unk
Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00114	-.0004	.00018	F<.00000	.00203
Stddev	.00036	.0001	.00009	.22497	.37606
%RSD	32.002	24.47	48.542	58.409	18480.
#1	-.00088	-.0003	.00012	-.54424	-.26388
#2	-.00140	-.0004	.00025	-.22609	.26795
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3274.3	45976.	4196.2	98.852	3634.3
Stddev	56.1	208.	7.7	.871	66.8
%RSD	1.7133	.45169	.18429	.88114	1.8392
#1	3314.0	45829.	4190.7	98.236	3681.6
#2	3234.7	46123.	4201.7	99.468	3587.0



Sample Name: CRI01 Acquired: 11/26/2018 12:54:15 Type: Unk
Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02439	.04819	.01116	.02475	.06212	.12310	.11993	.00718
Stddev	.00071	.00006	.00098	.00138	.00243	.00762	.00106	.00028
%RSD	2.9076	.12665	8.8040	5.5758	3.9130	6.1930	.88191	3.8294
#1	.02389	.04824	.01186	.02378	.06040	.11771	.12068	.00738
#2	.02489	.04815	.01047	.02573	.06383	.12849	.11918	.00699
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00648	2.2938	.01196	.03636	.02126	.12081	.02595	2.4127
Stddev	.00002	.0149	.00121	.00016	.00031	.00133	.00098	.0877
%RSD	.29518	.64926	10.087	.44645	1.4462	1.0975	3.7612	3.6363
#1	.00649	2.2833	.01282	.03647	.02148	.12174	.02664	2.3506
#2	.00647	2.3044	.01111	.03624	.02104	.11987	.02526	2.4747
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04726	.01170	2.1479	.05049	.04890	2.1991	.22737	.11202
Stddev	.00005	.00038	.0125	.00183	.00024	.0340	.00043	.00810
%RSD	.10858	3.2729	.58274	3.6150	.49519	1.5459	.18744	7.2301
#1	.04730	.01197	2.1391	.05178	.04873	2.1750	.22707	.10629
#2	.04723	.01142	2.1568	.04920	.04907	2.2231	.22767	.11774
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01732	.44103	.04646	.04318	.02057	.0206	.02297	F .81125
Stddev	.00093	.00136	.00132	.00115	.00110	.0001	.00002	.50878
%RSD	5.3512	.30789	2.8320	2.6605	5.3710	.3220	.09376	62.715
#1	.01797	.44007	.04739	.04399	.01978	.0206	.02299	1.1710
#2	.01666	.44199	.04553	.04237	.02135	.0205	.02296	.45149



Sample Name: CRI01 Acquired: 11/26/2018 12:54:15 Type: Unk
Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .41152
Stddev .61163
%RSD 148.63

#1 .84401
#2 -.02097

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3205.0	43378.	4241.6	99.573	3523.0
Stddev	16.1	1508.	11.1	.411	6.2
%RSD	.50104	3.4765	.26082	.41317	.17517

#1	3193.6	42312.	4233.7	99.864	3518.6
#2	3216.3	44445.	4249.4	99.282	3527.3



Sample Name: ICSA01 Acquired: 11/26/2018 12:58:17 Type: Unk
Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00272	-.01023	-.00756	-.01027	.00628	297.60	.00854	.00209
Stddev	.00248	.00090	.00068	.00100	.00169	7.23	.00090	.00000
%RSD	91.142	8.7891	8.9529	9.7210	26.973	2.4303	10.533	.18395

#1	.00097	-.01086	-.00708	-.00957	.00747	292.48	.00791	.00209
#2	.00447	-.00959	-.00804	-.01098	.00508	302.71	.00918	.00208

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00272	272.32	.06050	.00095	-.00148	106.85	.01956	281.13
Stddev	.00030	12.71	.00092	.00002	.00084	4.24	.00041	11.36
%RSD	11.123	4.6656	1.5249	1.8234	56.801	3.9677	2.1091	4.0398

#1	.00294	263.34	.05985	.00094	-.00088	103.85	.01927	273.10
#2	.00251	281.31	.06115	.00096	-.00207	109.85	.01986	289.16

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00465	-.00093	.33840	.00309	.00574	.08590	.00075	-.02632
Stddev	.00020	.00077	.04582	.00021	.00018	.01835	.00034	.00570
%RSD	4.3956	82.963	13.540	6.9257	3.1725	21.365	45.182	21.654

#1	-.00451	-.00148	.30600	.00294	.00561	.09888	.00099	-.02229
#2	-.00479	-.00038	.37080	.00324	.00587	.07293	.00051	-.03034

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .12297	.00595	.00954	-.00333	.00623	.0049	-.00461	F 4.2545
Stddev	.00387	.00309	.00008	.00107	.00147	.0003	.00014	.8101
%RSD	3.1482	51.952	.79893	32.225	23.598	5.468	3.0976	19.042

#1	.12571	.00377	.00960	-.00257	.00519	.0047	-.00471	3.6816
#2	.12023	.00814	.00949	-.00409	.00727	.0051	-.00451	4.8273



Sample Name: ICSA01 Acquired: 11/26/2018 12:58:17 Type: Unk
Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 18.221
Stddev .539
%RSD 2.9581

#1 18.602
#2 17.840

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2811.2	39942.	4055.6	89.798	2729.8
Stddev	21.6	520.	145.9	3.018	17.9
%RSD	.76797	1.3013	3.5985	3.3609	.65723

#1	2826.5	40309.	4158.8	91.932	2742.5
#2	2796.0	39574.	3952.4	87.664	2717.1



Sample Name: ICSAB01 Acquired: 11/26/2018 13:02:25 Type: Unk
Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11378	.10437	.04780	.04964	.67589	290.00	.58307
Stddev	.00092	.00143	.00245	.00143	.00620	3.66	.00450
%RSD	.80788	1.3661	5.1283	2.8742	.91752	1.2617	.77181

#1	.11443	.10537	.04607	.04863	.67150	292.59	.58625
#2	.11313	.10336	.04953	.05065	.68027	287.41	.57989

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.58046	1.0900	266.78	.59573	.54841	.52483	107.32
Stddev	.00584	.0029	1.74	.00895	.00061	.00286	.45
%RSD	1.0055	.26275	.65409	1.5028	.11152	.54418	.41847

#1	.58459	1.0880	268.01	.60206	.54797	.52281	107.01
#2	.57634	1.0920	265.54	.58940	.54884	.52685	107.64

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.56627	277.61	1.0708	.22629	-.02870	.54511	1.1131
Stddev	.00657	2.34	.0007	.00237	.01391	.00546	.0012
%RSD	1.1596	.84308	.06199	1.0480	48.454	1.0022	.11124

#1	.57091	279.27	1.0704	.22797	-.01887	.54898	1.1122
#2	.56163	275.96	1.0713	.22461	-.03854	.54125	1.1139

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02484	.00008	-.01458	.00481	-.00311	.00746	-.00489
Stddev	.00219	.00039	.01093	.00160	.00047	.00110	.00059
%RSD	8.8299	516.00	74.950	33.293	15.248	14.746	12.098

#1	.02639	-.00020	-.02231	.00594	-.00278	.00824	-.00447
#2	.02329	.00036	-.00685	.00368	-.00345	.00668	-.00531



Sample Name: ICSAB01 Acquired: 11/26/2018 13:02:25 Type: Unk
Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00361	F -.0033	F -.00650	F 4.2865	F 18.345
Stddev	.00120	.0022	.00190	.7772	.084
%RSD	33.394	65.07	29.192	18.130	.45900

#1	.00446	-.0018	-.00516	3.7370	18.405
#2	.00276	-.0049	-.00784	4.8361	18.286

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2825.6	39762.	3991.9	87.475	2750.2
Stddev	.4	591.	38.4	.174	1.5
%RSD	.01380	1.4863	.96185	.19936	.05293

#1	2825.9	39344.	3964.7	87.598	2751.3
#2	2825.4	40180.	4019.0	87.352	2749.2



Sample Name: CCV01 Acquired: 11/26/2018 13:06:25 Type: Unk
Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0521	5.0153	5.0094	5.0435	5.0948	9.7168	10.135	.24221
Stddev	.0785	.0676	.0743	.0795	.0718	.1131	.066	.00562
%RSD	1.5529	1.3477	1.4830	1.5762	1.4091	1.1636	.64848	2.3197
#1	4.9966	4.9676	4.9569	4.9873	5.0440	9.7967	10.181	.24618
#2	5.1076	5.0631	5.0619	5.0997	5.1456	9.6368	10.088	.23824
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4843	24.901	.95698	2.4938	1.2597	4.9197	2.4305	24.494
Stddev	.0359	.013	.02394	.0364	.0190	.0285	.0549	.084
%RSD	1.4465	.05119	2.5017	1.4612	1.5098	.57916	2.2585	.34137
#1	2.4589	24.910	.97391	2.4680	1.2462	4.9398	2.4693	24.553
#2	2.5097	24.892	.94006	2.5196	1.2731	4.8995	2.3917	24.435
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4837	1.1809	24.581	2.3863	2.4621	24.319	5.0336	4.9447
Stddev	.0327	.0289	.127	.0509	.0177	.133	.0725	.0406
%RSD	1.3149	2.4428	.51782	2.1345	.72099	.54768	1.4410	.82139
#1	2.4606	1.2013	24.671	2.4224	2.4746	24.413	4.9823	4.9734
#2	2.5068	1.1605	24.491	2.3503	2.4495	24.225	5.0849	4.9160
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8660	4.8375	4.9275	5.0049	4.9600	4.929	4.9948	F 2.3895
Stddev	.0571	.0544	.0664	.0092	.0378	.070	.0249	.0099
%RSD	1.1744	1.1241	1.3472	.18460	.76257	1.431	.49897	.41495
#1	4.8256	4.8760	4.8805	5.0114	4.9868	4.880	5.0124	2.3825
#2	4.9064	4.7991	4.9744	4.9983	4.9333	4.979	4.9772	2.3965



Sample Name: CCV01 Acquired: 11/26/2018 13:06:25 Type: Unk
Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.5745
Stddev .6031
%RSD 23.425

#1 3.0009
#2 2.1480

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3052.1	44069.	4157.5	95.068	3109.2
Stddev	38.0	844.	36.6	.888	34.2
%RSD	1.2450	1.9143	.88037	.93418	1.0995

#1	3079.0	43473.	4131.6	94.440	3133.3
#2	3025.3	44666.	4183.4	95.696	3085.0



Sample Name: LLCCV01 Acquired: 11/26/2018 13:18:21 Type: Unk
Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02227	.04658	.01079	.02396	.05805	.09772	.11599	.00656
Stddev	.00123	.00070	.00016	.00164	.00003	.00023	.00091	.00015
%RSD	5.5126	1.5040	1.4378	6.8601	.04432	.23331	.78521	2.2448

#1	.02140	.04608	.01090	.02280	.05803	.09756	.11534	.00646
#2	.02314	.04707	.01068	.02513	.05807	.09788	.11663	.00667

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00617	2.2427	.01095	.03468	.02031	.11001	.02392	2.3142
Stddev	.00008	.0067	.00002	.00021	.00031	.00658	.00023	.0006
%RSD	1.2925	.29891	.14287	.61286	1.5453	5.9772	.96749	.02624

#1	.00623	2.2380	.01094	.03453	.02008	.11466	.02376	2.3147
#2	.00611	2.2475	.01096	.03483	.02053	.10536	.02409	2.3138

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04512	.01067	2.0266	.04605	.04705	2.0950	.21861	.10590
Stddev	.00016	.00012	.0010	.00006	.00039	.0103	.00035	.00589
%RSD	.34784	1.1228	.04959	.12075	.82671	.49356	.15926	5.5661

#1	.04501	.01058	2.0273	.04601	.04733	2.0877	.21837	.10173
#2	.04523	.01075	2.0259	.04609	.04678	2.1023	.21886	.11007

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01846	.42868	.04373	.04598	.02153	.0193	.02200	F .89646
Stddev	.00012	.00196	.00022	.00173	.00082	.0016	.00005	.88460
%RSD	.64414	.45638	.50138	3.7614	3.7880	8.165	.23179	98.678

#1	.01837	.43006	.04358	.04720	.02095	.0182	.02204	.27095
#2	.01854	.42730	.04389	.04476	.02210	.0204	.02197	1.5220



Sample Name: LLCCV01 Acquired: 11/26/2018 13:18:21 Type: Unk
 Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F .27637
 Stddev .00701
 %RSD 2.5380

#1 .27141
 #2 .28133

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3193.0	44778.	4190.5	99.720	3515.6
Stddev	.0	395.	14.6	.861	.7
%RSD	.00089	.88180	.34960	.86380	.01879

#1	3193.0	45057.	4200.9	99.111	3516.1
#2	3193.1	44498.	4180.2	100.33	3515.2



Sample Name: CCB01 Acquired: 11/26/2018 13:22:26 Type: Unk
Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00052	.00027	-.00265	-.00141	-.00107	-.00104	-.00019	.00008
Stddev	.00017	.00037	.00009	.00156	.00121	.00714	.00072	.00008
%RSD	32.011	139.95	3.4891	111.01	113.15	683.39	380.59	109.82
#1	-.00064	.00053	-.00271	-.00252	-.00021	.00400	-.00070	.00014
#2	-.00040	.00000	-.00258	-.00030	-.00192	-.00609	.00032	.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	.00878	.00031	.00020	-.00016	-.00339	-.00002	.03218
Stddev	.00006	.00813	.00061	.00018	.00003	.00085	.00002	.04672
%RSD	81.807	92.621	197.85	88.312	15.567	25.064	137.94	145.22
#1	.00011	.00303	-.00012	.00008	-.00015	-.00279	-.00004	.06521
#2	.00003	.01453	.00074	.00032	-.00018	-.00399	-.00000	-.00086
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00035	-.00015	-.22790	-.00001	-.00052	-.06533	-.00002	.00202
Stddev	.00041	.00042	.00457	.00029	.00001	.01406	.00004	.00574
%RSD	118.38	287.91	2.0056	2664.2	1.0263	21.522	210.82	283.66
#1	.00064	-.00044	-.22467	-.00022	-.00052	-.07527	-.00005	.00609
#2	.00006	.00015	-.23114	.00020	-.00052	-.05539	.00001	-.00204
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00438	-.00113	.00054	-.00391	-.00161	.0008	.00010	F .09250
Stddev	.00202	.00008	.00049	.00127	.00042	.0004	.00013	.63810
%RSD	46.118	7.2594	90.324	32.570	26.021	48.89	134.44	689.87
#1	-.00580	-.00119	.00089	-.00481	-.00132	.0005	.00019	.54370
#2	-.00295	-.00107	.00020	-.00301	-.00191	.0011	.00000	-.35871



Sample Name: CCB01 Acquired: 11/26/2018 13:22:26 Type: Unk
 Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F .54520
 Stddev .07537
 %RSD 13.824

#1 .59850
 #2 .49191

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3216.0	45406.	4208.8	98.161	3573.8
Stddev	22.2	133.	41.7	.640	18.6
%RSD	.68912	.29292	.99124	.65159	.51920

#1	3231.7	45311.	4238.3	97.709	3586.9
#2	3200.4	45500.	4179.3	98.614	3560.7



Sample Name: LR CHECK2 Acquired: 11/26/2018 13:26:21 Type: Unk
Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00200	-.01358	F 269.86	.01575	-.03616	-.32024	F 101.39	-.00123
Stddev	.00282	.00025	3.36	.00720	.00041	.00711	1.40	.00003
%RSD	141.23	1.8559	1.2463	45.701	1.1281	2.2189	1.3773	2.6922
#1	.00000	-.01376	272.24	.02084	-.03587	-.32526	102.37	-.00120
#2	.00400	-.01340	267.48	.01066	-.03645	-.31521	100.40	-.00125
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00754	.20233	-.14478	-.00410	F 262.74	-.89412	43.850	-.15054
Stddev	.00013	.00142	.00200	.00043	2.80	.00828	.266	.05321
%RSD	1.7066	.70153	1.3798	10.579	1.0662	.92598	.60556	35.348
#1	-.00763	.20333	-.14619	-.00380	260.76	-.88827	44.038	-.11291
#2	-.00745	.20132	-.14336	-.00441	264.72	-.89998	43.662	-.18817
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 51.171	.00907	-.01001	-.00458	F 38.271	.16835	-.00300	.00271
Stddev	.399	.00031	.00450	.00023	.142	.01511	.00015	.00931
%RSD	.77968	3.4480	45.013	5.0248	.37029	8.9782	4.8619	343.69
#1	51.453	.00885	-.01319	-.00474	38.171	.17903	-.00290	.00929
#2	50.889	.00929	-.00682	-.00442	38.371	.15766	-.00310	-.00388
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06570	-.00659	.00330	.01899	-.00371	F -3.955	.00331	1.0140
Stddev	.00238	.00147	.00035	.00118	.00188	.017	.00004	.1422
%RSD	3.6183	22.309	10.522	6.1877	50.633	.4292	1.0822	14.028
#1	.06739	-.00555	.00354	.01816	-.00238	-3.967	.00334	.91346
#2	.06402	-.00763	.00305	.01982	-.00503	-3.943	.00329	1.1146



Sample Name: LR CHECK2 Acquired: 11/26/2018 13:26:21 Type: Unk
Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .90710
Stddev .03441
%RSD 3.7930

#1 .93142
#2 .88277

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2951.9	44196.	4206.9	92.908	3193.6
Stddev	14.9	14.	27.1	1.461	26.4
%RSD	.50330	.03062	.64514	1.5723	.82524

#1	2941.4	44206.	4187.7	93.941	3174.9
#2	2962.4	44186.	4226.1	91.875	3212.2



Sample Name: J6021-02 Acquired: 11/26/2018 13:35:17 Type: Unk
Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: IO1I-059-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00520	-.00117	.00362	.00500	-.00470	.00800	.34933	.00002
Stddev	.00030	.00064	.00129	.00121	.00101	.00169	.00605	.00001
%RSD	5.7770	54.792	35.722	24.106	21.420	21.090	1.7309	48.391
#1	.00541	-.00072	.00271	.00415	-.00541	.00681	.34505	.00001
#2	.00499	-.00162	.00454	.00585	-.00399	.00920	.35360	.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	133.01	-.00022	-.00002	-.00046	.17136	.07630	53.618
Stddev	.00003	2.30	.00029	.00011	.00015	.00324	.00271	.747
%RSD	27.093	1.7323	130.11	607.02	31.762	1.8924	3.5456	1.3933
#1	-.00008	131.38	-.00002	.00006	-.00036	.16907	.07438	53.090
#2	-.00012	134.64	-.00042	-.00009	-.00056	.17366	.07821	54.146
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00119	-.00061	51.398	.00688	.03847	2.7346	.00071	.41037
Stddev	.00051	.00006	.845	.00065	.00019	.0280	.00007	.01993
%RSD	43.180	9.8165	1.6444	9.3975	.49438	1.0249	9.3806	4.8572
#1	-.00083	-.00057	50.800	.00642	.03834	2.7148	.00076	.39628
#2	-.00155	-.00065	51.995	.00734	.03861	2.7545	.00066	.42447
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 29.699	F 22.434	-.00914	-.00709	.01793	.0665	1.5242	5.6268
Stddev	.855	.543	.00024	.00068	.00108	.0014	.0250	.4509
%RSD	2.8805	2.4225	2.6434	9.6340	5.9987	2.161	1.6423	8.0133
#1	29.095	22.049	-.00931	-.00660	.01869	.0654	1.5065	5.3080
#2	30.304	22.818	-.00897	-.00757	.01717	.0675	1.5419	5.9456



Sample Name: J6021-02 Acquired: 11/26/2018 13:35:17 Type: Unk
Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: IO1I-059-1 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .41964
%RSD 68.688

#1 -.31420
#2 -.90766

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2982.1	43180.	4213.1	96.954	3135.5
Stddev	76.9	1075.	62.7	.541	84.8
%RSD	2.5798	2.4900	1.4892	.55775	2.7034

#1	3036.5	43940.	4257.5	97.336	3195.5
#2	2927.7	42419.	4168.8	96.572	3075.6



Sample Name: LR CHECK1 Acquired: 11/26/2018 13:39:21 Type: Unk
Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01071	-.08769	-.06911	-.13440	.05733	1973.2	.01134
Stddev	.00732	.00602	.00469	.00780	.00979	26.8	.00091
%RSD	68.346	6.8697	6.7876	5.8061	17.081	1.3602	8.0148

#1	-.01588	-.09194	-.07243	-.13992	.05041	1954.2	.01198
#2	-.00553	-.08343	-.06579	-.12888	.06426	1992.2	.01069

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00446	.02414	F 1806.1	.12535	.04314	-.52144	825.86
Stddev	.00017	.00187	3.0	.00245	.00069	.00976	12.80
%RSD	3.9050	7.7638	.16705	1.9515	1.6000	1.8718	1.5500

#1	.00434	.02281	1808.2	.12362	.04363	-.52834	834.91
#2	.00459	.02546	1804.0	.12708	.04266	-.51453	816.81

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03253	F 1801.5	.12059	-.02151	1740.0	.00804	.11249
Stddev	.00043	19.7	.00297	.00377	72.5	.00049	.00148
%RSD	1.3073	1.0917	2.4610	17.504	4.1653	6.1318	1.3184

#1	.03223	1815.4	.11849	-.01885	1791.3	.00839	.11354
#2	.03283	1787.6	.12269	-.02417	1688.8	.00769	.11144

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	921.34	.02585	-.25701	.46574	.04896	.05412	-.05593
Stddev	21.56	.00027	.01578	.02054	.00155	.00209	.00105
%RSD	2.3400	1.0637	6.1394	4.4092	3.1688	3.8544	1.8710

#1	936.59	.02566	-.26816	.48026	.04787	.05560	-.05519
#2	906.10	.02605	-.24585	.45122	.05006	.05265	-.05667



Sample Name: LR CHECK1 Acquired: 11/26/2018 13:39:21 Type: Unk
Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.04869	.0627	-.88922	20.242	F<.00000
Stddev	.00011	.0068	.01375	1.118	.32343
%RSD	.23580	10.89	1.5466	5.5235	1.3475
#1	.04878	.0675	-.89894	19.451	-23.773
#2	.04861	.0578	-.87949	21.033	-24.230
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2140.9	30274.	3646.3	73.555	1755.4
Stddev	9.6	473.	43.9	1.112	.1
%RSD	.44962	1.5628	1.2049	1.5116	.00727
#1	2134.1	30609.	3615.3	72.768	1755.5
#2	2147.7	29939.	3677.4	74.341	1755.3



Sample Name: J6021-04 Acquired: 11/26/2018 13:43:45 Type: Unk
Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: I03I-059-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00648	-.00121	.00052	.00256	-.00178	.07444	.09125	.00002
Stddev	.00093	.00118	.00032	.00048	.00036	.00057	.00042	.00007
%RSD	14.335	97.471	60.616	18.734	20.180	.76148	.46051	299.35

#1	.00582	-.00038	.00075	.00222	-.00153	.07403	.09154	-.00003
#2	.00713	-.00205	.00030	.00290	-.00204	.07484	.09095	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	58.316	.00276	.00006	.00068	.02974	.04149	22.400
Stddev	.00002	.387	.00034	.00013	.00057	.00285	.00091	.228
%RSD	13.723	.66318	12.270	226.38	84.243	9.5994	2.1899	1.0188

#1	-.00015	58.043	.00252	.00015	.00108	.03176	.04085	22.239
#2	-.00012	58.590	.00300	-.00003	.00027	.02772	.04214	22.562

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00096	-.00012	146.17	.00128	.01768	4.9859	.00123	.22151
Stddev	.00017	.00049	1.39	.00008	.00013	.0213	.00024	.00570
%RSD	17.638	403.35	.95128	6.4569	.75746	.42809	19.360	2.5744

#1	.00108	-.00047	145.18	.00122	.01778	5.0010	.00140	.22554
#2	.00084	.00023	147.15	.00134	.01759	4.9708	.00106	.21747

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 17.613	4.6777	-.00535	-.00452	.00331	.0092	.68648	3.2831
Stddev	.003	.0953	.00044	.00034	.00062	.0015	.00840	.4591
%RSD	.01655	2.0380	8.2713	7.4956	18.714	16.39	1.2231	13.985

#1	17.615	4.6103	-.00566	-.00428	.00287	.0082	.68054	2.9585
#2	17.611	4.7451	-.00504	-.00476	.00375	.0103	.69242	3.6078



Sample Name: J6021-04 Acquired: 11/26/2018 13:43:45 Type: Unk
Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: I03I-059-1 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .24686
Stddev .51509
%RSD 208.65

#1 .61109
#2 -.11736

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3014.6	42910.	4317.8	102.30	3154.1
Stddev	20.7	796.	59.2	1.30	19.8
%RSD	.68552	1.8549	1.3721	1.2747	.62797

#1	3000.0	43472.	4359.6	101.38	3140.1
#2	3029.2	42347.	4275.9	103.22	3168.1



Sample Name: J6021-06 Acquired: 11/26/2018 13:47:46 Type: Unk
Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: I04I-059-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00456	-.00065	-.00135	.00208	-.00059	.05521	.09390	.00004
Stddev	.00510	.00001	.00039	.00100	.00297	.02182	.00479	.00004
%RSD	111.82	.95474	28.811	47.850	505.21	39.519	5.1056	94.542

#1	.00817	-.00065	-.00108	.00278	-.00269	.03978	.09729	.00001
#2	.00096	-.00066	-.00163	.00138	.00151	.07064	.09051	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	58.275	.00011	.00015	.00055	-.00141	.03772	22.703
Stddev	.00002	2.181	.00022	.00022	.00015	.00607	.00274	.931
%RSD	26.290	3.7422	206.09	142.98	28.238	429.25	7.2637	4.1022

#1	-.00010	59.817	.00026	-.00000	.00065	-.00570	.03578	23.361
#2	-.00007	56.733	-.00005	.00031	.00044	.00288	.03966	22.044

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	-.00023	152.37	.00137	.01537	4.7668	.00088	.22701
Stddev	.00070	.00020	6.51	.00043	.00074	.1780	.00001	.01359
%RSD	1432.6	86.745	4.2722	31.550	4.8372	3.7341	1.2054	5.9871

#1	-.00055	-.00009	156.97	.00107	.01590	4.8927	.00087	.23662
#2	.00045	-.00037	147.77	.00168	.01485	4.6410	.00089	.21740

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 17.292	4.6097	-.00499	-.00542	.00337	.0083	.69086	2.3619
Stddev	.063	.1172	.00131	.00119	.00327	.0014	.02933	1.2864
%RSD	.36182	2.5429	26.172	21.966	96.833	16.91	4.2452	54.466

#1	17.337	4.6925	-.00407	-.00626	.00569	.0073	.71159	1.4523
#2	17.248	4.5268	-.00591	-.00458	.00106	.0093	.67012	3.2715



Sample Name: J6021-06 Acquired: 11/26/2018 13:47:46 Type: Unk
Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: I04I-059-1 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .10280
Stddev .36783
%RSD 357.81

#1 .36290
#2 -.15730

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3006.9	44191.	4207.1	99.091	3146.3
Stddev	12.2	2677.	158.0	4.153	5.5
%RSD	.40479	6.0581	3.7546	4.1908	.17597

#1	2998.3	46084.	4095.4	96.155	3142.4
#2	3015.5	42298.	4318.8	102.03	3150.2



Sample Name: J6021-08 Acquired: 11/26/2018 13:51:46 Type: Unk
Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: I05I-059-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00345	-.00104	-.00057	.00103	-.00238	.05039	.09391	.00008
Stddev	.00402	.00043	.00003	.00214	.00067	.01437	.00068	.00001
%RSD	116.59	41.055	5.4351	208.21	27.975	28.525	.72359	12.314

#1	.00061	-.00135	-.00055	-.00048	-.00285	.04023	.09439	.00008
#2	.00629	-.00074	-.00059	.00254	-.00191	.06055	.09343	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	59.488	-.00083	.00012	.00051	-.00306	.04884	22.632
Stddev	.00002	.215	.00028	.00028	.00028	.00324	.00079	.040
%RSD	29.322	.36171	34.376	225.92	54.365	106.12	1.6125	.17763

#1	-.00005	59.640	-.00103	.00032	.00070	-.00535	.04828	22.660
#2	-.00008	59.336	-.00063	-.00007	.00031	-.00076	.04939	22.603

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.00088	153.97	.00127	.01378	4.5780	.00127	.23022
Stddev	.00015	.00036	.65	.00011	.00028	.0702	.00004	.00362
%RSD	1116.0	40.900	.42062	9.0167	2.0139	1.5343	2.9061	1.5709

#1	-.00010	-.00062	154.42	.00135	.01398	4.6277	.00130	.22766
#2	.00012	-.00113	153.51	.00119	.01359	4.5283	.00124	.23278

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 17.781	4.8201	-.00473	-.00491	.00288	.0074	.69234	3.0447
Stddev	.120	.0129	.00065	.00018	.00004	.0014	.00050	.7239
%RSD	.67505	.26729	13.702	3.7336	1.5384	18.20	.07228	23.776

#1	17.696	4.8109	-.00427	-.00479	.00291	.0065	.69269	2.5328
#2	17.866	4.8292	-.00519	-.00504	.00285	.0084	.69199	3.5566



Sample Name: J6021-08 Acquired: 11/26/2018 13:51:46 Type: Unk
 Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: I05I-059-1 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .05375
 Stddev .36785
 %RSD 684.32

#1 .31387
 #2 -.20636

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3028.3	43505.	4317.0	99.351	3164.7
Stddev	9.4	570.	2.7	1.373	6.3
%RSD	.31114	1.3091	.06157	1.3817	.19964

#1	3034.9	43907.	4315.2	98.380	3169.2
#2	3021.6	43102.	4318.9	100.32	3160.3



Sample Name: J6021-10 Acquired: 11/26/2018 13:55:48 Type: Unk
Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: I06I-059-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00388	-.00214	-.00009	.00605	-.00182	.03725	.09116	.00002
Stddev	.00266	.00025	.00047	.00192	.00164	.01245	.00033	.00014
%RSD	68.405	11.653	516.84	31.742	90.227	33.435	.36511	653.75
#1	.00576	-.00196	-.00043	.00469	-.00298	.04606	.09139	-.00008
#2	.00201	-.00231	.00024	.00741	-.00066	.02844	.09092	.00012
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	59.228	-.00039	-.00000	.00335	.00342	.03729	22.614
Stddev	.00009	.196	.00041	.00004	.00014	.00749	.00018	.071
%RSD	95.633	.33078	105.88	2408.3	4.1656	219.25	.48627	.31241
#1	-.00003	59.367	-.00068	.00003	.00325	.00871	.03716	22.664
#2	-.00016	59.090	-.00010	-.00003	.00345	-.00188	.03742	22.564
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00016	-.00012	155.38	.00181	.02417	4.5187	.00062	.22342
Stddev	.00037	.00018	.88	.00000	.00019	.0064	.00021	.00368
%RSD	226.42	154.87	.56767	.08141	.77679	.14143	33.627	1.6479
#1	-.00010	.00001	156.00	.00181	.02430	4.5141	.00077	.22602
#2	.00043	-.00024	154.75	.00181	.02404	4.5232	.00047	.22081
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 17.850	4.6872	-.00465	-.00584	.00342	.0071	.69340	3.5549
Stddev	1.303	.0181	.00079	.00128	.00018	.0014	.00597	.3171
%RSD	7.3022	.38636	16.955	21.876	5.2106	19.84	.86123	8.9208
#1	18.771	4.7000	-.00409	-.00674	.00354	.0061	.69762	3.3307
#2	16.928	4.6744	-.00520	-.00494	.00329	.0081	.68918	3.7792



Sample Name: J6021-10 Acquired: 11/26/2018 13:55:48 Type: Unk
Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: I06I-059-1 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .30997
%RSD 72.947

#1 -.64411
#2 -.20574

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2935.2	42681.	4185.3	96.826	3071.4
Stddev	193.8	97.	27.1	.677	201.8
%RSD	6.6036	.22794	.64733	.69891	6.5706

#1	2798.2	42749.	4166.1	96.348	2928.7
#2	3072.3	42612.	4204.4	97.305	3214.1



Sample Name: PB115056BL Acquired: 11/26/2018 14:03:49 Type: Unk
Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00259	.00035	.00407	-.00167	-.00100	-.00714	-.00105	-.00002
Stddev	.00097	.00100	.00121	.00244	.00032	.00322	.00034	.00003
%RSD	37.363	286.16	29.658	146.63	32.402	45.065	32.257	127.01

#1	.00190	-.00036	.00492	-.00340	-.00077	-.00941	-.00129	-.00004
#2	.00327	.00106	.00322	.00006	-.00122	-.00486	-.00081	-.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.00526	-.00016	.00004	.00017	.01121	-.00000	.01150
Stddev	.00006	.00639	.00031	.00003	.00037	.00557	.00003	.02558
%RSD	398.26	121.43	194.30	59.784	220.07	49.688	923.93	222.36

#1	.00003	.00074	.00006	.00006	-.00009	.00727	-.00003	.02959
#2	-.00006	.00977	-.00038	.00002	.00043	.01515	.00002	-.00658

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	-.00024	F 1.4526	.00016	.00299	F 1.1222	.00019	-.00607
Stddev	.00015	.00015	.0632	.00040	.00041	.0532	.00024	.00386
%RSD	250.08	63.944	4.3537	254.19	13.681	4.7441	130.46	63.523

#1	-.00005	-.00035	1.4973	.00044	.00328	1.1598	.00001	-.00334
#2	.00016	-.00013	1.4079	-.00012	.00270	1.0845	.00036	-.00880

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03653	-.00505	-.00020	-.00301	.00970	.0015	.00020	F .04265
Stddev	.01075	.00143	.00028	.00003	.00093	.0005	.00003	.27274
%RSD	29.417	28.243	137.90	.84129	9.6113	35.41	16.840	639.50

#1	.04413	-.00404	-.00001	-.00303	.01036	.0011	.00023	-.15021
#2	.02893	-.00606	-.00040	-.00299	.00904	.0019	.00018	.23551



Sample Name: PB115056BL Acquired: 11/26/2018 14:03:49 Type: Unk
 Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F .38284
 Stddev .24486
 %RSD 63.959

#1 .20970
 #2 .55599

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3117.8	44457.	4269.1	101.98	3470.2
Stddev	8.0	716.	17.5	.15	6.3
%RSD	.25713	1.6111	.41024	.14341	.18191

#1	3112.1	44964.	4256.7	102.08	3465.7
#2	3123.5	43951.	4281.5	101.87	3474.6



Sample Name: PB115056BS Acquired: 11/26/2018 14:07:54 Type: Unk
Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.85429	2.1691	1.0554	2.2099	.88053	2.1069	.22539
Stddev	.00880	.0087	.0027	.0121	.00754	.0692	.01009
%RSD	1.0305	.39968	.25968	.54800	.85633	3.2833	4.4774

#1	.86052	2.1753	1.0573	2.2184	.88587	2.0580	.21825
#2	.84807	2.1630	1.0534	2.2013	.87520	2.1559	.23252

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21076	.20763	1.1146	.41808	.21471	.34874	3.2098
Stddev	.00595	.00091	.0749	.01106	.00087	.00029	.1004
%RSD	2.8232	.43716	6.7187	2.6460	.40469	.08364	3.1275

#1	.20655	.20827	1.0616	.41026	.21532	.34895	3.1388
#2	.21497	.20699	1.1675	.42591	.21410	.34854	3.2808

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22566	2.1445	.53459	.07488	F 3.6457	.31149	.21527
Stddev	.00576	.1194	.00225	.00112	.1732	.00881	.00536
%RSD	2.5515	5.5660	.42082	1.4999	4.7512	2.8277	2.4906

#1	.22158	2.0601	.53618	.07408	3.5233	.30526	.21148
#2	.22973	2.2289	.53300	.07567	3.7682	.31771	.21906

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.867	.45086	.31003	F .01058	.96523	.71961	.20971
Stddev	.504	.00199	.00719	.00197	.02596	.00301	.01043
%RSD	4.6385	.44068	2.3207	18.661	2.6898	.41847	4.9730

#1	10.510	.45226	.30495	.01198	.94687	.72174	.20234
#2	11.223	.44945	.31512	.00919	.98359	.71748	.21709



Sample Name: PB115056BS Acquired: 11/26/2018 14:07:54 Type: Unk
Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.22017	5.983	.21478	F<.00000	F<.00000
Stddev	.00977	.018	.00866	.42486	.12592
%RSD	4.4365	.2980	4.0308	100.14	11.757
#1	.21327	5.996	.20866	-.72469	-.98199
#2	.22708	5.971	.22090	-.12384	-1.1601
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3131.6	45830.	4312.6	101.04	3395.1
Stddev	24.5	869.	119.1	2.22	20.5
%RSD	.78082	1.8955	2.7619	2.1966	.60355
#1	3114.3	46445.	4396.8	102.61	3380.7
#2	3148.9	45216.	4228.4	99.468	3409.6



Sample Name: J6022-02 Acquired: 11/26/2018 14:11:45 Type: Unk
Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00319	-.00011	-.00051	.00334	-.00284	.02942	.05193	.00004
Stddev	.00558	.00043	.00044	.00229	.00154	.00141	.00085	.00005
%RSD	174.97	384.85	86.203	68.687	54.283	4.8058	1.6388	125.62

#1	-.00076	.00019	-.00020	.00172	-.00175	.02842	.05253	.00008
#2	.00714	-.00041	-.00082	.00496	-.00393	.03042	.05132	.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	73.635	.00300	-.00000	.00419	.05627	.02245	5.4629
Stddev	.00011	.166	.00007	.00018	.00003	.00254	.00146	.0029
%RSD	487.58	.22504	2.2457	13997.	.81996	4.5119	6.5167	.05234

#1	.00010	73.518	.00305	-.00013	.00422	.05447	.02142	5.4649
#2	-.00005	73.753	.00295	.00012	.00417	.05806	.02348	5.4609

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00562	.00025	12.779	.00456	.02714	8.2915	.00117	.27136
Stddev	.00006	.00026	.025	.00059	.00005	.0165	.00007	.01219
%RSD	1.1309	103.99	.19412	12.892	.18702	.19953	5.7338	4.4931

#1	.00558	.00044	12.761	.00414	.02711	8.3032	.00112	.27999
#2	.00567	.00007	12.796	.00497	.02718	8.2798	.00122	.26274

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.4465	7.0054	-.00039	-.00633	-.00488	.1981	.46426	3.9246
Stddev	.0827	.0682	.00038	.00213	.00125	.0031	.00128	1.4684
%RSD	1.8596	.97346	98.604	33.625	25.564	1.582	.27468	37.415

#1	4.3880	6.9572	-.00066	-.00483	-.00576	.1959	.46336	2.8863
#2	4.5050	7.0536	-.00012	-.00784	-.00400	.2003	.46516	4.9629



Sample Name: J6022-02 Acquired: 11/26/2018 14:11:45 Type: Unk
 Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .05805
 %RSD 32.065

#1 -.22210
 #2 -.14000

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3081.0	43620.	4433.7	104.08	3357.3
Stddev	37.4	2193.	2.4	.48	44.7
%RSD	1.2152	5.0277	.05521	.45882	1.3322

#1	3107.4	45171.	4435.4	104.42	3389.0
#2	3054.5	42070.	4431.9	103.74	3325.7



Sample Name: CCV02 Acquired: 11/26/2018 14:15:48 Type: Unk
Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.3080	5.1767	5.1833	5.3205	5.3544	10.099	10.484	.24662
Stddev	.0522	.0776	.0789	.0684	.0839	.755	.107	.01797
%RSD	.98298	1.4984	1.5229	1.2866	1.5668	7.4728	1.0176	7.2849
#1	5.3449	5.2316	5.2391	5.3689	5.4137	9.5658	10.559	.23392
#2	5.2711	5.1219	5.1275	5.2721	5.2950	10.633	10.408	.25933
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5649	25.483	1.0054	2.5883	1.3177	5.0274	2.4529	24.873
Stddev	.0382	.012	.0767	.0383	.0182	.0879	.1830	.115
%RSD	1.4882	.04658	7.6338	1.4785	1.3808	1.7488	7.4616	.46107
#1	2.5918	25.475	.95111	2.6153	1.3305	5.0896	2.3234	24.792
#2	2.5379	25.492	1.0596	2.5612	1.3048	4.9652	2.5823	24.954
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5580	1.1864	24.799	2.5178	2.4969	26.115	5.1945	5.0444
Stddev	.0377	.0848	.183	.1942	.0741	.166	.0702	.0047
%RSD	1.4757	7.1462	.73913	7.7117	2.9662	.63605	1.3518	.09365
#1	2.5847	1.1265	24.928	2.3805	2.5493	26.233	5.2442	5.0477
#2	2.5313	1.2464	24.669	2.6551	2.4445	25.998	5.1449	5.0411
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1329	4.8468	5.0516	5.1400	5.0967	5.183	5.1301	F 2.0765
Stddev	.0923	.0626	.0689	.0025	.0529	.066	.0474	1.2255
%RSD	1.7989	1.2922	1.3635	.04912	1.0374	1.271	.92346	59.018
#1	5.1982	4.8025	5.1003	5.1418	5.1341	5.229	5.1636	1.2099
#2	5.0676	4.8911	5.0029	5.1382	5.0593	5.136	5.0966	2.9430



Sample Name: CCV02 Acquired: 11/26/2018 14:15:48 Type: Unk
Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.3981
Stddev .0946
%RSD 3.9457

#1 2.4650
#2 2.3312

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2983.5	44342.	4228.3	95.541	3043.0
Stddev	46.8	2678.	46.8	2.920	50.6
%RSD	1.5694	6.0404	1.1057	3.0561	1.6614

#1	2950.4	46236.	4195.3	93.476	3007.3
#2	3016.6	42448.	4261.4	97.605	3078.8



Sample Name: CCB02 Acquired: 11/26/2018 14:19:32 Type: Unk
Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00302	.00211	.00029	.00050	-.00002	.00079	-.00181
Stddev	.00039	.00010	.00024	.00097	.00160	.00610	.00010
%RSD	12.906	4.6019	83.878	193.10	6659.9	772.95	5.6131

#1	.00275	.00218	.00046	.00118	.00110	.00510	-.00188
#2	.00330	.00204	.00012	-.00018	-.00115	-.00352	-.00174

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	-.00002	.00264	-.00009	.00023	.00006	.00573
Stddev	.00008	.00013	.00685	.00054	.00006	.00013	.00916
%RSD	214.92	660.10	259.40	632.22	24.205	206.20	159.69

#1	.00009	-.00011	-.00220	.00030	.00019	-.00003	.01221
#2	-.00002	.00007	.00748	-.00047	.00027	.00015	-.00074

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	.00682	.00023	-.00065	.15100	.00046	-.00009
Stddev	.00003	.01218	.00017	.00007	.01599	.00002	.00016
%RSD	111.74	178.74	73.181	10.606	10.591	4.9086	179.34

#1	-.00006	.01543	.00035	-.00070	.13969	.00045	-.00020
#2	-.00001	-.00180	.00011	-.00060	.16231	.00048	.00002

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22741	.00052	.00018	.00099	-.00189	.00122	-.00259
Stddev	.00657	.00001	.00599	.00122	.00059	.00036	.00216
%RSD	2.8869	1.0846	3323.3	123.06	31.143	29.421	83.483

#1	.22277	.00052	-.00405	.00186	-.00231	.00096	-.00412
#2	.23205	.00051	.00441	.00013	-.00147	.00147	-.00106



Sample Name: CCB02 Acquired: 11/26/2018 14:19:32 Type: Unk
Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00044	.0007	.00010	F<.00000	F .50756
Stddev	.00218	.0005	.00008	.08094	.27020
%RSD	499.54	68.04	76.472	327.87	53.236
#1	.00198	.0004	.00016	.03255	.69862
#2	-.00111	.0011	.00005	-.08192	.31650
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3113.9	45186.	4204.1	97.532	3457.3
Stddev	32.8	170.	127.6	2.555	40.7
%RSD	1.0534	.37588	3.0349	2.6199	1.1786
#1	3090.7	45066.	4294.3	99.339	3428.5
#2	3137.1	45306.	4113.9	95.725	3486.1



Sample Name: J6022-02DUP Acquired: 11/26/2018 14:23:38 Type: Unk
Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00745	-.00020	-.00134	.00367	-.00357	.01496	.05324	.00008
Stddev	.00118	.00014	.00078	.00069	.00076	.00352	.00132	.00001
%RSD	15.883	70.619	57.917	18.921	21.437	23.526	2.4810	13.640

#1	.00662	-.00010	-.00189	.00416	-.00303	.01745	.05230	.00009
#2	.00829	-.00030	-.00079	.00318	-.00411	.01247	.05417	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	75.695	.00183	-.00005	.00409	.05660	.02170	5.5799
Stddev	.00004	1.760	.00020	.00003	.00033	.00134	.00006	.1020
%RSD	390.67	2.3249	11.055	63.326	8.1335	2.3702	.25984	1.8283

#1	.00002	74.450	.00198	-.00003	.00386	.05755	.02173	5.5078
#2	-.00004	76.939	.00169	-.00008	.00433	.05566	.02166	5.6520

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00563	-.00029	12.990	.00403	.02790	8.3959	.00136	.28768
Stddev	.00066	.00000	.335	.00002	.00088	.2416	.00023	.00580
%RSD	11.729	.17801	2.5765	.55876	3.1713	2.8773	16.935	2.0166

#1	.00516	-.00029	12.753	.00404	.02728	8.2251	.00153	.28358
#2	.00610	-.00029	13.227	.00401	.02853	8.5667	.00120	.29178

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.4020	7.0343	-.00027	-.00309	-.00431	.1963	.47404	2.9176
Stddev	.0116	.1740	.00016	.00186	.00050	.0005	.01247	.1361
%RSD	.26416	2.4739	58.222	60.256	11.609	.2625	2.6299	4.6649

#1	4.3937	6.9113	-.00016	-.00440	-.00467	.1960	.46522	3.0139
#2	4.4102	7.1574	-.00038	-.00177	-.00396	.1967	.48285	2.8214



Sample Name: J6022-02DUP Acquired: 11/26/2018 14:23:38 Type: Unk
Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .59359
%RSD 195.24

#1 .11570
#2 -.72376

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3110.4	44969.	4370.6	102.92	3384.8
Stddev	2.7	65.	90.2	3.34	3.1
%RSD	.08804	.14556	2.0637	3.2466	.09025

#1	3112.3	44923.	4434.4	105.28	3386.9
#2	3108.4	45015.	4306.9	100.55	3382.6



Sample Name: J6022-02LX5 Acquired: 11/26/2018 14:27:41 Type: Unk
Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00491	-.00020	-.00008	-.00109	-.00235	.00415	.00978	.00002
Stddev	.00223	.00001	.00115	.00244	.00065	.00865	.00143	.00007
%RSD	45.407	6.0098	1403.6	223.35	27.395	208.44	14.628	395.05

#1	.00649	-.00019	.00073	.00063	-.00281	.01027	.00877	.00007
#2	.00333	-.00021	-.00090	-.00282	-.00190	-.00197	.01079	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	15.619	.00015	.00016	.00038	.01788	.00447	1.1900
Stddev	.00002	.539	.00020	.00010	.00041	.00153	.00008	.0614
%RSD	24.783	3.4496	128.20	64.344	109.72	8.5409	1.6853	5.1591

#1	.00008	15.238	.00001	.00009	.00008	.01896	.00441	1.1466
#2	.00012	16.000	.00029	.00023	.00067	.01680	.00452	1.2334

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00099	-.00033	2.6740	.00087	.00572	1.8034	.00060	.05339
Stddev	.00021	.00016	.0913	.00014	.00040	.0440	.00013	.00458
%RSD	21.393	48.689	3.4155	16.523	7.0200	2.4414	20.918	8.5828

#1	.00114	-.00022	2.6094	.00077	.00544	1.7723	.00069	.05663
#2	.00084	-.00045	2.7386	.00098	.00601	1.8346	.00051	.05015

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.86962	1.4681	.00023	-.00386	-.00001	.0409	.09862	1.1847
Stddev	.00237	.0395	.00051	.00140	.00084	.0001	.00316	.5907
%RSD	.27275	2.6903	222.63	36.295	6281.2	.1635	3.2022	49.860

#1	.87129	1.4401	.00059	-.00485	-.00060	.0408	.09639	1.6024
#2	.86794	1.4960	-.00013	-.00287	.00058	.0409	.10085	.76701



Sample Name: J6022-02LX5 Acquired: 11/26/2018 14:27:41 Type: Unk
Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .23708
Stddev .22864
%RSD 96.441

#1 .39875
#2 .07540

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3107.7	45062.	4232.9	97.325	3418.6
Stddev	5.2	102.	110.3	4.776	10.5
%RSD	.16777	.22597	2.6062	4.9075	.30695

#1	3104.0	44990.	4310.9	100.70	3411.2
#2	3111.4	45134.	4154.9	93.948	3426.0



Sample Name: J6022-02MS Acquired: 11/26/2018 14:31:47 Type: Unk
Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.86293	2.0279	1.0081	2.1271	.84986	2.1502	.27179
Stddev	.00053	.0051	.0014	.0050	.00605	.0294	.00141
%RSD	.06085	.25199	.14022	.23682	.71171	1.3688	.51945

#1	.86331	2.0242	1.0071	2.1306	.85414	2.1710	.27079
#2	.86256	2.0315	1.0091	2.1235	.84558	2.1294	.27279

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21596	.19618	76.505	.41087	.20497	.33158	3.1095
Stddev	.00156	.00044	.227	.00303	.00042	.00144	.0756
%RSD	.72225	.22270	.29609	.73815	.20491	.43355	2.4306

#1	.21706	.19649	76.666	.41302	.20527	.33260	3.1630
#2	.21485	.19587	76.345	.40873	.20467	.33057	3.0561

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23506	7.6225	.50555	.07184	16.113	.31366	.23106
Stddev	.00246	.1190	.00058	.00039	.046	.00393	.00570
%RSD	1.0463	1.5612	.11439	.54939	.28270	1.2515	2.4653

#1	.23679	7.7066	.50514	.07212	16.145	.31643	.23509
#2	.23332	7.5383	.50596	.07156	16.081	.31088	.22703

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.375	.42399	.57354	4.5139	7.9187	.66598	.19923
Stddev	.005	.00020	.00575	.0007	.0068	.00115	.00219
%RSD	.02679	.04641	1.0029	.01632	.08613	.17240	1.0992

#1	18.371	.42386	.56947	4.5134	7.9235	.66517	.19768
#2	18.378	.42413	.57761	4.5144	7.9138	.66679	.20078



Sample Name: J6022-02MS Acquired: 11/26/2018 14:31:47 Type: Unk
Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20472	6.213	.67852	2.7026	F<.00000
Stddev	.00299	.008	.00080	.2615	.20575
%RSD	1.4592	.1291	.11791	9.6752	12.905

#1	.20261	6.218	.67909	2.8875	-1.4488
#2	.20683	6.207	.67795	2.5177	-1.7398

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3056.6	44273.	4352.7	99.791	3289.1
Stddev	11.8	492.	4.6	2.519	10.5
%RSD	.38533	1.1104	.10531	2.5238	.31952

#1	3048.3	43926.	4349.5	98.010	3281.6
#2	3064.9	44621.	4356.0	101.57	3296.5



Sample Name: J6022-02MSD Acquired: 11/26/2018 14:39:38 Type: Unk
Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.84556	2.0017	.98828	2.0990	.83960	2.1238	.27251
Stddev	.01253	.0291	.01258	.0343	.01447	.0093	.00039
%RSD	1.4822	1.4557	1.2733	1.6326	1.7231	.43980	.14461

#1	.83669	1.9811	.97938	2.0748	.82937	2.1172	.27223
#2	.85442	2.0223	.99718	2.1232	.84983	2.1304	.27279

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21228	.19326	77.234	.40221	.20231	.32819	3.0818
Stddev	.00009	.00267	.174	.00122	.00284	.00354	.0279
%RSD	.04130	1.3804	.22502	.30303	1.4048	1.0800	.90435

#1	.21234	.19137	77.112	.40134	.20030	.32569	3.0620
#2	.21222	.19515	77.357	.40307	.20432	.33070	3.1015

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23092	7.5614	.49831	.07105	16.135	.30872	.22926
Stddev	.00016	.0321	.00748	.00045	.075	.00076	.00186
%RSD	.06822	.42388	1.5014	.63075	.46446	.24715	.81080

#1	.23103	7.5840	.49302	.07074	16.188	.30925	.22794
#2	.23081	7.5387	.50360	.07137	16.082	.30818	.23057

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.508	.41919	.58635	4.4515	7.9911	.65692	.19897
Stddev	.024	.00550	.00917	.0886	.0105	.01004	.00173
%RSD	.12928	1.3110	1.5633	1.9896	.13148	1.5281	.87130

#1	18.491	.41530	.57987	4.3889	7.9837	.64982	.20019
#2	18.525	.42308	.59283	4.5141	7.9986	.66402	.19774



Sample Name: J6022-02MSD Acquired: 11/26/2018 14:39:38 Type: Unk
Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20567	6.122	.67714	3.4077	F<.00000
Stddev	.00022	.102	.00312	.4190	.18190
%RSD	.10842	1.664	.46137	12.297	13.765
#1	.20583	6.050	.67935	3.7040	-1.4501
#2	.20551	6.194	.67493	3.1114	-1.1928
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3085.0	44397.	4302.5	100.26	3324.3
Stddev	30.8	107.	10.0	.54	40.9
%RSD	.99927	.24208	.23316	.53487	1.2305
#1	3106.8	44321.	4295.5	100.64	3353.3
#2	3063.2	44473.	4309.6	99.883	3295.4



Sample Name: J6022-02A Acquired: 11/26/2018 14:43:28 Type: Unk
Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.85363	2.0163	.99198	2.1171	.84735	2.1908	.26857
Stddev	.00024	.0007	.00287	.0062	.00032	.1182	.00359
%RSD	.02807	.03416	.28934	.29207	.03724	5.3935	1.3361

#1	.85380	2.0158	.99401	2.1127	.84713	2.2743	.27111
#2	.85346	2.0168	.98995	2.1215	.84758	2.1072	.26603

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22055	.19450	76.255	.41805	.20361	.33098	3.0146
Stddev	.01470	.00037	1.612	.02887	.00022	.00002	.0074
%RSD	6.6660	.19136	2.1139	6.9049	.10750	.00703	.24523

#1	.23095	.19424	77.395	.43846	.20345	.33096	3.0198
#2	.21016	.19476	75.116	.39764	.20376	.33099	3.0094

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23906	7.4889	.50015	.07280	15.937	.32117	.22543
Stddev	.01598	.1681	.00085	.00508	.293	.02075	.00228
%RSD	6.6861	2.2450	.17094	6.9830	1.8406	6.4595	1.0122

#1	.25036	7.6077	.49954	.07639	16.145	.33584	.22705
#2	.22776	7.3700	.50075	.06920	15.730	.30650	.22382

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.313	.42172	.57961	4.4935	7.9441	.66358	.19770
Stddev	.366	.00069	.01155	.0044	.2563	.00216	.00492
%RSD	1.9970	.16355	1.9935	.09865	3.2257	.32483	2.4902

#1	18.572	.42221	.58778	4.4966	8.1253	.66206	.20118
#2	18.055	.42124	.57144	4.4904	7.7629	.66511	.19422



Sample Name: J6022-02A Acquired: 11/26/2018 14:43:28 Type: Unk
Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20349	6.183	.67040	4.1009	F<.00000
Stddev	.00374	.022	.01376	.9282	.17376
%RSD	1.8397	.3549	2.0518	22.633	12.855
#1	.20614	6.167	.68013	4.7572	-1.4746
#2	.20084	6.198	.66067	3.4446	-1.2288
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3052.6	43195.	4339.5	101.45	3289.1
Stddev	4.1	2641.	104.3	.86	9.0
%RSD	.13534	6.1142	2.4025	.85021	.27487
#1	3055.5	41327.	4265.8	100.84	3295.5
#2	3049.7	45062.	4413.2	102.06	3282.7



Sample Name: J6022-04 Acquired: 11/26/2018 14:47:19 Type: Unk
Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00231	.00214	-.00384	.00490	-.00271	.00259	-.00181	.00005
Stddev	.00072	.00130	.00009	.00284	.00098	.00363	.00006	.00007
%RSD	31.312	60.649	2.3660	57.935	35.994	140.42	3.1281	143.18

#1	.00179	.00306	-.00377	.00290	-.00202	.00515	-.00185	.00009
#2	.00282	.00122	-.00390	.00691	-.00340	.00002	-.00177	-.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	.03043	.00274	.00025	-.00053	.02915	.00091	-.01065
Stddev	.00006	.00560	.00012	.00002	.00026	.00358	.00005	.03197
%RSD	56.630	18.388	4.5117	9.1941	49.602	12.297	5.7104	300.26

#1	.00014	.02648	.00265	.00026	-.00035	.03168	.00088	.01196
#2	.00006	.03439	.00283	.00023	-.00072	.02661	.00095	-.03326

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00254	.00039	-.34056	-.00003	.02430	-.03598	.00043	-.00823
Stddev	.00027	.00056	.01189	.00033	.00074	.00075	.00018	.00465
%RSD	10.761	143.95	3.4907	994.64	3.0586	2.0743	42.756	56.492

#1	.00274	-.00001	-.34896	-.00027	.02377	-.03651	.00030	-.00494
#2	.00235	.00079	-.33215	.00020	.02482	-.03545	.00055	-.01152

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00737	.00105	-.00065	-.00410	-.00776	.0029	.00016	<.00000
Stddev	.00060	.00094	.00011	.00042	.00031	.0012	.00005	.50728
%RSD	8.0849	89.501	16.693	10.217	3.9698	42.25	28.617	57.665

#1	.00695	.00171	-.00057	-.00380	-.00798	.0037	.00019	-1.2384
#2	.00779	.00038	-.00073	-.00440	-.00754	.0020	.00013	-.52100



Sample Name: J6022-04 Acquired: 11/26/2018 14:47:19 Type: Unk
Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .15149
Stddev .64129
%RSD 423.31

#1 .60496
#2 -.30197

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3257.8	46282.	4472.0	105.27	3662.7
Stddev	64.3	1253.	77.1	1.72	69.4
%RSD	1.9736	2.7067	1.7249	1.6381	1.8950

#1	3303.3	47168.	4526.5	106.49	3711.8
#2	3212.4	45396.	4417.4	104.05	3613.6



Sample Name: J6022-06 Acquired: 11/26/2018 14:51:23 Type: Unk
Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00519	-.00210	.00292	.00540	-.00343	.00915	.25030	-.00001
Stddev	.00319	.00041	.00082	.00061	.00171	.00242	.01438	.00001
%RSD	61.514	19.315	28.078	11.397	49.797	26.430	5.7438	125.36

#1	.00293	-.00238	.00350	.00496	-.00222	.01086	.24013	-.00000
#2	.00744	-.00181	.00234	.00583	-.00464	.00744	.26047	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	181.43	-.00207	.00557	.00089	3.1556	3.9576	60.653
Stddev	.00005	10.95	.00021	.00019	.00060	.1681	.0847	3.560
%RSD	55.430	6.0328	10.321	3.3210	67.858	5.3261	2.1390	5.8699

#1	-.00012	173.69	-.00192	.00544	.00132	3.0368	4.0175	58.136
#2	-.00005	189.17	-.00222	.00570	.00046	3.2745	3.8978	63.171

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01576	.00021	622.64	.00185	.03850	1.1603	.00006	.85202
Stddev	.00009	.00001	30.96	.00010	.00150	.0651	.00013	.05495
%RSD	.59895	5.7017	4.9724	5.5899	3.8962	5.6126	206.32	6.4490

#1	.01583	.00022	600.75	.00178	.03744	1.1143	-.00003	.81317
#2	.01569	.00020	644.54	.00193	.03957	1.2064	.00015	.89087

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 17.557	F 12.179	-.00253	.00187	.00038	.0501	.84403	8.2599
Stddev	.445	.574	.00030	.00119	.00201	.0052	.04629	.4268
%RSD	2.5352	4.7128	11.697	63.671	523.01	10.35	5.4846	5.1668

#1	17.872	11.774	-.00274	.00103	-.00103	.0538	.81130	8.5616
#2	17.242	12.585	-.00232	.00271	.00180	.0465	.87676	7.9581



Sample Name: J6022-06 Acquired: 11/26/2018 14:51:23 Type: Unk
Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .66768
Stddev .68905
%RSD 103.20

#1 .18044
#2 1.1549

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2730.9	40056.	4303.4	97.131	2700.7
Stddev	54.1	671.	224.3	4.550	54.5
%RSD	1.9828	1.6752	5.2131	4.6844	2.0175

#1	2692.6	39581.	4462.0	100.35	2662.2
#2	2769.2	40530.	4144.8	93.914	2739.2



Sample Name: J6022-10 Acquired: 11/26/2018 14:59:30 Type: Unk
Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02122	-.00089	-.00071	.00517	-.00409	-.02709	.09402	-.00002
Stddev	.00250	.00053	.00168	.00219	.00016	.01266	.00083	.00006
%RSD	11.787	60.214	237.31	42.417	3.8199	46.733	.87896	374.34

#1	.02299	-.00127	.00048	.00672	-.00398	-.03605	.09343	.00003
#2	.01946	-.00051	-.00189	.00362	-.00420	-.01814	.09460	-.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00017	98.200	-.00044	-.00007	-.00127	.06858	.01383	45.283
Stddev	.00000	.163	.00017	.00001	.00003	.00606	.00010	.415
%RSD	.85693	.16581	39.030	9.6818	2.2462	8.8359	.73264	.91722

#1	-.00017	98.315	-.00031	-.00007	-.00129	.06429	.01390	44.989
#2	-.00017	98.085	-.00056	-.00008	-.00125	.07286	.01375	45.577

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00061	-.00045	59.094	.01273	.01289	1.4062	.00220	.52808
Stddev	.00009	.00011	.046	.00139	.00015	.0179	.00007	.01225
%RSD	14.273	24.621	.07795	10.898	1.1345	1.2724	3.2104	2.3198

#1	-.00055	-.00053	59.127	.01175	.01299	1.3935	.00215	.51942
#2	-.00067	-.00038	59.062	.01371	.01278	1.4188	.00225	.53674

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 22.267	F 21.472	-.00659	-.00534	.01617	.0458	2.8436	4.8176
Stddev	.517	.026	.00049	.00038	.00000	.0009	.0070	.2693
%RSD	2.3221	.12177	7.3742	7.0377	.01367	1.877	.24510	5.5891

#1	22.632	21.454	-.00693	-.00508	.01617	.0464	2.8485	4.6272
#2	21.901	21.491	-.00624	-.00561	.01617	.0451	2.8386	5.0080



Sample Name: J6022-10 Acquired: 11/26/2018 14:59:30 Type: Unk
Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .24742
%RSD 35.804

#1 -.51608
#2 -.86598

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2991.7	42984.	4330.5	98.145	3164.8
Stddev	57.6	189.	.9	1.402	57.4
%RSD	1.9249	.44024	.02148	1.4282	1.8140

#1	2951.0	42850.	4329.8	97.154	3124.2
#2	3032.4	43118.	4331.2	99.136	3205.4



Sample Name: J6022-12 Acquired: 11/26/2018 15:03:31 Type: Unk
Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00698	-.00135	.00050	.00439	-.00555	-.05114	.80197	.00006
Stddev	.00174	.00090	.00057	.00057	.00023	.00703	.00171	.00005
%RSD	24.866	66.862	113.84	13.052	4.1868	13.750	.21347	87.626

#1	.00821	-.00198	.00010	.00480	-.00572	-.05612	.80076	.00002
#2	.00575	-.00071	.00091	.00399	-.00539	-.04617	.80318	.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00019	177.54	-.00029	-.00023	-.00107	.16986	.02177	73.045
Stddev	.00009	.33	.00057	.00023	.00027	.01080	.00047	.067
%RSD	46.070	.18626	191.84	96.982	25.046	6.3563	2.1635	.09240

#1	-.00025	177.78	-.00069	-.00039	-.00126	.17750	.02211	73.093
#2	-.00013	177.31	.00011	-.00007	-.00088	.16223	.02144	72.997

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00141	-.00006	55.950	.00652	.01589	2.8607	.00048	.24566
Stddev	.00001	.00040	.077	.00043	.00003	.0112	.00027	.00873
%RSD	.70248	636.97	.13729	6.6355	.21713	.39164	55.512	3.5525

#1	-.00140	.00022	56.004	.00682	.01591	2.8686	.00067	.25183
#2	-.00142	-.00034	55.895	.00621	.01586	2.8528	.00029	.23949

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 20.910	F 25.025	-.00631	-.01003	.03468	.0706	1.5796	8.0215
Stddev	.102	.218	.00078	.00130	.00148	.0005	.0001	.5709
%RSD	.48579	.87091	12.413	12.995	4.2754	.7478	.00341	7.1169

#1	20.838	25.179	-.00686	-.01095	.03572	.0702	1.5797	8.4252
#2	20.982	24.871	-.00575	-.00911	.03363	.0710	1.5796	7.6179



Sample Name: J6022-12 Acquired: 11/26/2018 15:03:31 Type: Unk
 Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .36849
 %RSD 99.976

#1 -.62915
 #2 -.10802

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2916.8	42480.	4291.9	96.923	3039.6
Stddev	1.8	897.	13.8	.903	11.5
%RSD	.06331	2.1122	.32134	.93164	.37742

#1	2918.1	41845.	4282.1	96.284	3047.7
#2	2915.5	43114.	4301.6	97.561	3031.5



Sample Name: J6022-08 Acquired: 11/26/2018 15:07:32 Type: Unk
Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01776	.00031	-.00034	.00338	-.00426	-.01177	.08954	.00003
Stddev	.00189	.00026	.00024	.00144	.00012	.00547	.00021	.00001
%RSD	10.660	83.440	70.967	42.677	2.8475	46.437	.23756	50.925

#1	.01910	.00013	-.00051	.00441	-.00417	-.01564	.08939	.00002
#2	.01642	.00050	-.00017	.00236	-.00434	-.00791	.08969	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	94.906	-.00003	-.00050	-.00095	.07856	.01366	43.310
Stddev	.00007	1.763	.00011	.00002	.00019	.00262	.00021	.034
%RSD	106.03	1.8580	431.58	3.0257	19.560	3.3371	1.5478	.07931

#1	-.00002	96.153	-.00011	-.00049	-.00082	.07671	.01351	43.334
#2	-.00012	93.659	.00005	-.00051	-.00108	.08042	.01381	43.286

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00068	-.00001	56.501	.01199	.02112	1.3111	.00212	.50550
Stddev	.00007	.00038	.527	.00079	.00034	.0355	.00034	.00363
%RSD	9.6559	3249.0	.93195	6.5636	1.6329	2.7046	16.021	.71719

#1	-.00073	.00026	56.873	.01143	.02136	1.3362	.00188	.50807
#2	-.00064	-.00028	56.128	.01255	.02087	1.2860	.00235	.50294

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 21.390	F 20.627	-.00717	-.00453	.01545	.0436	2.7158	4.7185
Stddev	.221	.195	.00017	.00003	.00064	.0001	.0236	.1034
%RSD	1.0322	.94460	2.3682	.73021	4.1103	.2919	.86735	2.1902

#1	21.547	20.765	-.00705	-.00455	.01590	.0435	2.7324	4.6454
#2	21.234	20.489	-.00729	-.00450	.01500	.0437	2.6991	4.7916



Sample Name: J6022-08 Acquired: 11/26/2018 15:07:32 Type: Unk
 Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .12107
 %RSD 33.992

#1 -.27056
 #2 -.44178

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2942.4	42759.	4282.1	98.899	3120.7
Stddev	30.7	447.	50.5	1.707	27.6
%RSD	1.0425	1.0448	1.1795	1.7261	.88413

#1	2920.7	43075.	4246.4	97.692	3101.2
#2	2964.1	42443.	4317.8	100.11	3140.2



Sample Name: CCV03 Acquired: 11/26/2018 15:11:33 Type: Unk
Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.3820	5.2363	5.2235	5.3995	5.4407	10.432	10.672	.25403
Stddev	.0064	.0095	.0055	.0139	.0053	.438	.096	.01490
%RSD	.11918	.18073	.10445	.25783	.09716	4.1960	.89717	5.8653
#1	5.3775	5.2296	5.2273	5.4093	5.4369	10.123	10.604	.24350
#2	5.3866	5.2430	5.2196	5.3897	5.4444	10.742	10.739	.26457
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5784	25.998	1.0540	2.6052	1.3356	5.0551	2.5224	25.040
Stddev	.0006	.005	.0645	.0026	.0011	.0037	.1453	.060
%RSD	.02471	.01906	6.1220	.10013	.08097	.07403	5.7602	.23870
#1	2.5779	25.994	1.0084	2.6071	1.3349	5.0524	2.4197	24.998
#2	2.5788	26.001	1.0996	2.6034	1.3364	5.0577	2.6252	25.082
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5768	1.2136	25.111	2.6332	2.5010	26.981	5.2634	5.1113
Stddev	.0003	.0676	.231	.1466	.0126	.215	.0004	.0248
%RSD	.01193	5.5739	.91991	5.5684	.50217	.79843	.00744	.48423
#1	2.5766	1.1658	24.948	2.5295	2.4921	26.829	5.2631	5.0938
#2	2.5770	1.2614	25.274	2.7369	2.5098	27.134	5.2637	5.1288
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2323	4.9755	5.0803	5.2120	5.1962	5.227	5.2127	F 2.6461
Stddev	.0067	.0522	.0082	.0014	.0488	.008	.0454	.9817
%RSD	.12908	1.0483	.16105	.02788	.93883	.1588	.87097	37.101
#1	5.2371	4.9387	5.0861	5.2130	5.1618	5.233	5.1806	1.9519
#2	5.2276	5.0124	5.0746	5.2110	5.2307	5.221	5.2448	3.3402



Sample Name: CCV03 Acquired: 11/26/2018 15:11:33 Type: Unk
Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3.3526
Stddev .7757
%RSD 23.137

#1 2.8041
#2 3.9011

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2966.0	43460.	4193.3	96.000	3039.1
Stddev	4.8	2014.	21.6	.373	6.1
%RSD	.16302	4.6333	.51581	.38859	.20058

#1	2962.5	44884.	4208.6	96.264	3034.8
#2	2969.4	42036.	4178.0	95.736	3043.4



Sample Name: CCB03 Acquired: 11/26/2018 15:15:19 Type: Unk
Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00317	.00072	-.00058	.00111	-.00161	-.00900	-.00216
Stddev	.00227	.00054	.00061	.00266	.00027	.00480	.00004
%RSD	71.696	75.121	103.98	239.05	16.805	53.415	1.9578

#1	.00478	.00034	-.00015	-.00077	-.00142	-.00560	-.00213
#2	.00156	.00111	-.00101	.00299	-.00180	-.01239	-.00219

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.00010	-.00044	-.00023	.00019	-.00049	.00220
Stddev	.00005	.00005	.00126	.00014	.00009	.00011	.00543
%RSD	762.36	50.667	288.30	60.467	50.037	23.500	247.25

#1	.00003	.00014	.00046	-.00032	.00012	-.00057	.00603
#2	-.00004	.00007	-.00133	-.00013	.00025	-.00041	-.00164

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	.01858	.00061	.00038	.00692	.00004	-.00001
Stddev	.00002	.01525	.00032	.00046	.00350	.00047	.00010
%RSD	698.23	82.098	52.362	122.12	50.487	1064.3	1036.8

#1	-.00001	.02936	.00084	.00071	.00445	.00037	.00006
#2	.00001	.00779	.00039	.00005	.00939	-.00029	-.00008

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14459	.00056	.00248	F .01483	.00119	.00030	-.00356
Stddev	.01540	.00006	.00275	.00162	.00023	.00064	.00155
%RSD	10.651	10.997	110.91	10.941	19.100	209.81	43.604

#1	.13370	.00060	.00053	.01598	.00103	.00075	-.00246
#2	.15548	.00051	.00442	.01368	.00135	-.00015	-.00465



Sample Name: CCB03 Acquired: 11/26/2018 15:15:19 Type: Unk
Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00163	.0013	.00013	F<.00000	F .41035
Stddev	.00121	.0007	.00000	.05634	.69569
%RSD	74.114	57.37	2.2725	152.17	169.53
#1	-.00077	.0018	.00012	.00281	.90228
#2	-.00248	.0008	.00013	-.07686	-.08157
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3120.5	44962.	4239.8	97.705	3487.9
Stddev	1.6	65.	22.9	1.462	1.5
%RSD	.05033	.14376	.53968	1.4968	.04218
#1	3119.4	44916.	4255.9	96.670	3488.9
#2	3121.6	45008.	4223.6	98.739	3486.8



Sample Name: J6022-14 Acquired: 11/26/2018 15:19:24 Type: Unk
Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00286	.00002	-.00170	.00047	-.00324	.02998	.04093	.00011
Stddev	.00185	.00040	.00082	.00013	.00051	.01394	.00012	.00001
%RSD	64.731	1838.3	48.351	27.077	15.871	46.484	.29689	12.204

#1	.00418	.00030	-.00112	.00056	-.00361	.03984	.04084	.00012
#2	.00155	-.00026	-.00228	.00038	-.00288	.02013	.04101	.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	20.550	.00108	.00056	.00789	.11518	.07733	8.9155
Stddev	.00005	.013	.00007	.00010	.00014	.00406	.00854	.0122
%RSD	88.261	.06299	6.4874	18.298	1.7719	3.5233	11.043	.13681

#1	.00002	20.540	.00113	.00063	.00779	.11805	.08337	8.9241
#2	.00009	20.559	.00103	.00049	.00798	.11231	.07129	8.9069

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00486	-.00064	151.36	.00088	.03038	1.9958	-.00002	.17829
Stddev	.00019	.00018	.46	.00009	.00045	.0255	.00010	.00118
%RSD	3.9401	27.612	.30457	10.637	1.4846	1.2793	551.01	.66022

#1	.00500	-.00051	151.04	.00095	.03006	2.0139	-.00009	.17913
#2	.00473	-.00076	151.69	.00081	.03070	1.9777	.00005	.17746

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 12.659	F 12.878	-.00315	-.00260	-.00344	.0137	.21646	4.2250
Stddev	.044	.080	.00046	.00039	.00048	.0014	.00062	2.0430
%RSD	.34754	.62496	14.504	15.111	13.994	10.48	.28552	48.355

#1	12.690	12.935	-.00283	-.00233	-.00378	.0147	.21603	5.6696
#2	12.628	12.821	-.00348	-.00288	-.00310	.0127	.21690	2.7803



Sample Name: J6022-14 Acquired: 11/26/2018 15:19:24 Type: Unk
Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .54827
Stddev .38621
%RSD 70.440

#1 .82136
#2 .27518

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3032.5	40643.	4367.5	100.43	3194.7
Stddev	14.0	3641.	26.9	.96	13.7
%RSD	.46108	8.9578	.61654	.95220	.42828

#1	3022.7	38069.	4386.6	101.10	3185.0
#2	3042.4	43218.	4348.5	99.750	3204.4



Sample Name: J5996-25 Acquired: 11/26/2018 15:27:28 Type: Unk
Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: AOC1-06-A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10066	-.03697	.61193	.00805	.01856	221.03	.83500
Stddev	.00011	.00013	.00829	.00355	.00084	.35	.00106
%RSD	.11051	.36294	1.3555	44.141	4.5423	.15988	.12749

#1	.10074	-.03688	.60606	.00554	.01796	220.78	.83575
#2	.10059	-.03707	.61779	.01056	.01915	221.28	.83424

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00947	.00396	444.22	.22510	.26914	.71829	542.92
Stddev	.00020	.00115	.34	.00137	.00199	.00722	4.95
%RSD	2.1603	28.941	.07729	.60948	.73796	1.0050	.91092

#1	.00961	.00315	443.98	.22413	.26774	.71319	546.41
#2	.00933	.00477	444.46	.22607	.27055	.72340	539.42

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	28.486	120.84	.56912	.02194	20.369	.89876	17.547
Stddev	.088	.15	.00565	.00120	.059	.00142	.090
%RSD	.30900	.12139	.99280	5.4488	.28833	.15850	.51131

#1	28.424	120.95	.56512	.02278	20.410	.89776	17.610
#2	28.548	120.74	.57311	.02109	20.327	.89977	17.484

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.6113	.00336	2.1441	F 21.944	F 10.020	.03666	F 13.858
Stddev	.0095	.00019	.0286	.084	.029	.00018	.024
%RSD	.09885	5.7323	1.3333	.38461	.29445	.48456	.16991

#1	9.6046	.00349	2.1644	21.884	9.9992	.03654	13.875
#2	9.6180	.00322	2.1239	22.004	10.041	.03679	13.841



Sample Name: J5996-25 Acquired: 11/26/2018 15:27:28 Type: Unk
Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: AOC1-06-A Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.18856	8.569	.94414	<.00000	F<.00000
Stddev	.00051	.059	.00175	.32253	1.9784
%RSD	.26874	.6854	.18565	2.2185	8.0932
#1	.18892	8.528	.94538	-14.310	-23.046
#2	.18820	8.611	.94290	-14.766	-25.844
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3314.5	47963.	5123.8	88.689	2528.8
Stddev	2.4	31.	11.1	.642	11.5
%RSD	.07276	.06565	.21578	.72437	.45432
#1	3316.2	47986.	5115.9	88.234	2536.9
#2	3312.8	47941.	5131.6	89.143	2520.7



Sample Name: J5996-25DUP Acquired: 11/26/2018 15:31:31 Type: Unk
Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: AOC1-06-ADUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10244	-.03617	.62795	.01678	.01844	223.80	.82513
Stddev	.00308	.00119	.00102	.00304	.00155	7.67	.00045
%RSD	3.0088	3.2890	.16224	18.148	8.4128	3.4293	.05495

#1	.10026	-.03701	.62723	.01893	.01734	229.22	.82545
#2	.10462	-.03533	.62867	.01462	.01953	218.37	.82481

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00969	.00235	436.25	.22751	.26824	.70905	553.73
Stddev	.00036	.00053	1.37	.00904	.00081	.00088	2.62
%RSD	3.6910	22.406	.31345	3.9729	.30101	.12390	.47264

#1	.00994	.00198	435.28	.23390	.26767	.70843	555.58
#2	.00944	.00272	437.22	.22111	.26881	.70968	551.88

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	30.561	118.98	.58040	.02147	20.031	.92449	18.077
Stddev	1.097	.21	.00092	.00245	.023	.03659	.059
%RSD	3.5908	.18017	.15808	11.419	.11339	3.9578	.32388

#1	31.336	118.82	.58105	.01974	20.015	.95036	18.119
#2	29.785	119.13	.57976	.02320	20.047	.89862	18.036

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.6320	.00356	2.3049	F 21.624	9.3611	.03611	F 13.504
Stddev	.0695	.00020	.0246	.089	.0372	.00054	.035
%RSD	.72124	5.5335	1.0688	.41168	.39735	1.4940	.26047

#1	9.5829	.00342	2.2874	21.687	9.3874	.03573	13.479
#2	9.6811	.00370	2.3223	21.561	9.3348	.03649	13.529



Sample Name: J5996-25DUP Acquired: 11/26/2018 15:31:31 Type: Unk
Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: AOC1-06-ADUP Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.18845	8.454	.89292	<.00000	F<.00000
Stddev	.00031	.010	.00284	.84921	.66876
%RSD	.16480	.1203	.31842	5.9995	3.0754
#1	.18823	8.447	.89090	-13.554	-21.273
#2	.18867	8.461	.89493	-14.755	-22.218
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3324.4	46975.	5147.5	86.776	2543.3
Stddev	14.5	1687.	.5	.472	4.7
%RSD	.43592	3.5910	.00881	.54346	.18636
#1	3314.2	45782.	5147.8	86.443	2539.9
#2	3334.6	48167.	5147.2	87.110	2546.6



Sample Name: J5996-25LX5 Acquired: 11/26/2018 15:35:35 Type: Unk
Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: AOC1-06-A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02319	-.00790	.12269	.00004	.00304	48.377	.19545	.00212
Stddev	.00240	.00003	.00044	.00238	.00270	.464	.00302	.00004
%RSD	10.355	.40584	.36184	5538.7	88.791	.95979	1.5444	2.0740

#1	.02489	-.00792	.12238	-.00164	.00494	48.049	.19332	.00209
#2	.02150	-.00787	.12300	.00172	.00113	48.706	.19759	.00215

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00119	106.18	.05476	.05171	.20047	110.53	8.1591	29.150
Stddev	.00051	1.84	.00005	.00018	.00406	3.63	.0166	.416
%RSD	42.715	1.7335	.08827	.34150	2.0273	3.2848	.20343	1.4285

#1	-.00083	104.88	.05473	.05183	.20334	107.97	8.1473	28.856
#2	-.00155	107.48	.05480	.05158	.19759	113.10	8.1708	29.445

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10938	.00303	4.5674	.21844	4.0430	2.2642	.00065	.50892
Stddev	.00003	.00052	.0644	.00065	.1094	.0855	.00024	.02027
%RSD	.02541	17.130	1.4095	.29647	2.7060	3.7748	37.229	3.9833

#1	.10936	.00266	4.5219	.21799	3.9656	2.2038	.00048	.49459
#2	.10940	.00339	4.6129	.21890	4.1204	2.3247	.00082	.52326

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.9746	2.4899	.00838	3.3088	.04204	1.592	.23856	<.00000
Stddev	.0056	.0311	.00003	.0504	.00095	.001	.00056	.24665
%RSD	.14108	1.2501	.33378	1.5220	2.2657	.0284	.23605	12.952

#1	3.9786	2.4679	.00836	3.2732	.04136	1.592	.23895	-1.7299
#2	3.9707	2.5119	.00840	3.3444	.04271	1.592	.23816	-2.0787



Sample Name: J5996-25LX5 Acquired: 11/26/2018 15:35:35 Type: Unk
Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: AOC1-06-A Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 16.670
Stddev .270
%RSD 1.6198

#1 16.861
#2 16.479

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3085.1	44284.	4437.8	95.461	3031.8
Stddev	4.9	222.	57.4	2.809	1.0
%RSD	.15776	.50114	1.2942	2.9427	.03446

#1	3081.7	44441.	4478.4	97.447	3031.1
#2	3088.6	44127.	4397.2	93.474	3032.5



Sample Name: J5996-25MS Acquired: 11/26/2018 15:39:36 Type: Unk
Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: AOC1-06-A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.76948	1.9801	1.5988	1.7035	.09771	239.89	.96462
Stddev	.00070	.0083	.0086	.0057	.00057	.01	.00291
%RSD	.09112	.41744	.53669	.33316	.58816	.00231	.30125

#1	.76899	1.9859	1.6048	1.6994	.09812	239.89	.96667
#2	.76998	1.9742	1.5927	1.7075	.09730	239.90	.96256

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19121	.21417	394.52	.56744	.48916	1.0544	544.54
Stddev	.00046	.00200	.04	.00182	.00135	.0115	8.74
%RSD	.24048	.93614	.00895	.32056	.27630	1.0871	1.6051

#1	.19088	.21559	394.54	.56873	.49011	1.0625	538.36
#2	.19153	.21275	394.49	.56615	.48820	1.0463	550.72

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.214	115.69	1.1415	.08384	27.157	1.1395	13.945
Stddev	.059	.25	.0030	.00043	.074	.0006	.170
%RSD	.34512	.21765	.26090	.51852	.27406	.05384	1.2223

#1	17.172	115.52	1.1436	.08353	27.209	1.1390	13.824
#2	17.256	115.87	1.1394	.08415	27.104	1.1399	14.065

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.881	.32011	2.0246	F 19.105	6.3831	.71887	F 13.331
Stddev	.033	.00239	.0283	.089	.0069	.00324	.029
%RSD	.17542	.74529	1.3977	.46609	.10877	.45035	.21960

#1	18.905	.32179	2.0046	19.168	6.3880	.72116	13.352
#2	18.858	.31842	2.0446	19.042	6.3782	.71658	13.310



Sample Name: J5996-25MS Acquired: 11/26/2018 15:39:36 Type: Unk
Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: AOC1-06-A Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.37606	F 15.33	.97578	<.00000	F<.00000
Stddev	.00051	.08	.01415	.35322	4.4853
%RSD	.13692	.4929	1.4496	2.5698	33.810

#1	.37569	15.38	.98579	-13.995	-10.095
#2	.37642	15.28	.96578	-13.495	-16.438

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3318.1	47882.	5093.4	84.937	2525.2
Stddev	12.8	53.	17.3	1.087	7.7
%RSD	.38661	.11049	.34021	1.2803	.30396

#1	3309.0	47845.	5081.2	85.706	2519.7
#2	3327.2	47920.	5105.7	84.168	2530.6



Sample Name: J5996-25MSD Acquired: 11/26/2018 15:43:33 Type: Unk
Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: AOC1-06-AMSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.77921	1.9805	1.6109	1.7024	.09639	234.90	.92810
Stddev	.00173	.0218	.0115	.0122	.00024	7.34	.05267
%RSD	.22241	1.0999	.71656	.71694	.25159	3.1256	5.6749

#1	.78044	1.9959	1.6190	1.7110	.09657	240.09	.96534
#2	.77799	1.9651	1.6027	1.6937	.09622	229.70	.89086

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18711	.22016	380.60	.55695	.49289	1.0969	503.68
Stddev	.00324	.00076	21.31	.00515	.00526	.0130	21.50
%RSD	1.7328	.34576	5.5981	.92503	1.0664	1.1872	4.2693

#1	.18940	.22070	395.66	.56060	.49661	1.0877	518.89
#2	.18481	.21963	365.53	.55331	.48918	1.1061	488.48

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.024	111.18	1.1463	.07887	26.122	1.1183	12.956
Stddev	.304	5.65	.0108	.00334	1.480	.0186	.409
%RSD	1.7882	5.0825	.94212	4.2398	5.6667	1.6668	3.1531

#1	17.239	115.18	1.1539	.08124	27.169	1.1315	13.245
#2	16.809	107.19	1.1386	.07651	25.075	1.1052	12.667

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.160	.32205	1.9349	F 19.201	6.1549	.72186	F 12.842
Stddev	1.066	.00080	.1016	.219	.2819	.01112	.714
%RSD	5.8711	.24938	5.2517	1.1382	4.5809	1.5399	5.5622

#1	18.914	.32262	2.0068	19.356	6.3543	.72972	13.347
#2	17.406	.32148	1.8631	19.046	5.9556	.71400	12.337



Sample Name: J5996-25MSD Acquired: 11/26/2018 15:43:33 Type: Unk
Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: AOC1-06-AMSD Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.36106	F 15.40	.95816	<.00000	F<.00000
Stddev	.01874	.22	.06382	.96778	.14417
%RSD	5.1889	1.419	6.6602	6.5882	1.0286
#1	.37431	15.56	1.0033	-14.005	-13.914
#2	.34781	15.25	.91303	-15.374	-14.118
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3289.7	48606.	5263.2	91.197	2506.8
Stddev	13.1	827.	221.4	2.847	32.0
%RSD	.39921	1.7013	4.2070	3.1220	1.2765
#1	3280.5	48022.	5106.6	89.184	2484.2
#2	3299.0	49191.	5419.8	93.210	2529.4



Sample Name: J5996-25A Acquired: 11/26/2018 15:47:30 Type: Unk
Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: AOC1-06-A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.76891	1.9625	1.5805	1.7074	.09832	240.60	.96882
Stddev	.00493	.0039	.0010	.0071	.00367	.92	.01018
%RSD	.64162	.19849	.06391	.41573	3.7347	.38365	1.0510

#1	.76542	1.9597	1.5798	1.7024	.09572	241.26	.97602
#2	.77239	1.9652	1.5812	1.7124	.10092	239.95	.96162

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19225	.21157	399.75	.57143	.48439	1.0534	538.75
Stddev	.00009	.00120	2.44	.00102	.00031	.0159	9.00
%RSD	.04899	.56535	.61139	.17874	.06486	1.5046	1.6704

#1	.19231	.21073	401.48	.57215	.48416	1.0422	545.12
#2	.19218	.21242	398.03	.57071	.48461	1.0646	532.39

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.503	116.23	1.1324	.08479	27.315	1.1456	13.824
Stddev	.003	.82	.0025	.00128	.238	.0010	.206
%RSD	.01519	.70798	.21947	1.5083	.87162	.08909	1.4893

#1	17.505	116.81	1.1342	.08569	27.484	1.1449	13.970
#2	17.501	115.64	1.1307	.08389	27.147	1.1463	13.679

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.972	.32075	2.0313	F 18.941	6.4594	.71545	F 13.396
Stddev	.142	.00202	.0084	.014	.0323	.00063	.149
%RSD	.74685	.63002	.41495	.07322	.50069	.08845	1.1103

#1	19.072	.31932	2.0373	18.932	6.4822	.71590	13.501
#2	18.871	.32218	2.0254	18.951	6.4365	.71500	13.290



Sample Name: J5996-25A Acquired: 11/26/2018 15:47:30 Type: Unk
Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: AOC1-06-A Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.37911	F 15.13	.98634	<.00000	F<.00000
Stddev	.00304	.01	.00600	.32574	.41338
%RSD	.80232	.0824	.60850	2.2608	3.1545
#1	.38126	15.14	.99058	-14.178	-12.812
#2	.37696	15.12	.98210	-14.639	-13.397
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3319.9	47547.	5029.9	85.404	2546.6
Stddev	16.2	190.	40.9	1.415	3.2
%RSD	.48913	.39988	.81251	1.6565	.12653
#1	3331.3	47412.	5001.0	84.403	2544.3
#2	3308.4	47681.	5058.8	86.404	2548.9



Sample Name: J6012-01 Acquired: 11/26/2018 15:51:26 Type: Unk
Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NS-18 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14121	-.01014	38.203	.16514	F -1.6499	55.900	3.1469
Stddev	.00838	.00012	.108	.02805	.0081	.110	.0699
%RSD	5.9364	1.1699	.28275	16.984	.48869	.19750	2.2230

#1	.13528	-.01006	38.279	.14531	-1.6442	55.978	3.0974
#2	.14713	-.01022	38.127	.18498	-1.6556	55.822	3.1963

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00034	.56994	70.557	F 9.5124	1.3622	F 655.13	F 1722.3
Stddev	.00003	.01017	1.591	.0158	.0002	5.42	84.9
%RSD	9.2601	1.7843	2.2546	.16566	.01211	.82684	4.9318

#1	.00032	.57713	69.432	9.5013	1.3623	658.96	1662.3
#2	.00036	.56275	71.682	9.5236	1.3621	651.30	1782.4

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.0797	19.841	F 942.45	.24433	895.32	.06374	F 142.99
Stddev	.1272	.358	1.62	.01093	8.57	.00006	7.18
%RSD	1.4008	1.8024	.17150	4.4720	.95679	.10192	5.0220

#1	9.1696	19.588	941.31	.23660	901.38	.06378	137.91
#2	8.9897	20.094	943.60	.25205	889.26	.06369	148.07

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	81.398	.07703	F 56.523	F 933.82	F 12.406	5.9040	1.0478
Stddev	1.807	.00046	1.261	.13	.396	.0040	.0134
%RSD	2.2204	.60295	2.2304	.01422	3.1914	.06724	1.2811

#1	80.120	.07735	55.632	933.72	12.126	5.9012	1.0383
#2	82.676	.07670	57.414	933.91	12.686	5.9068	1.0573



Sample Name: J6012-01 Acquired: 11/26/2018 15:51:26 Type: Unk
Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NS-18 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.21768	F 145.1	F -1.3409	<.00000	^ *****
Stddev	.00625	.0	.0812	.15820	-----
%RSD	2.8729	.0082	6.0521	.51860	-----
#1	.21326	145.1	-1.2835	-30.394	^ -----
#2	.22211	145.1	-1.3983	-30.618	^ -----
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2289.9	36640.	4040.3	47.408	2166.5
Stddev	.2	250.	86.7	2.138	2.4
%RSD	.00971	.68261	2.1470	4.5090	.11125
#1	2290.0	36463.	4101.7	48.920	2164.8
#2	2289.7	36817.	3979.0	45.897	2168.2



Sample Name: J6012-01DLX10 Acquired: 11/26/2018 15:55:48 Type: Unk
Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NS-18 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01436	-.00392	4.0048	-.00767	-.14159	5.2629	.32585	-.00016
Stddev	.00131	.00093	.0149	.00434	.00215	.0879	.01420	.00007
%RSD	9.1192	23.877	.37192	56.613	1.5215	1.6710	4.3565	45.862

#1	.01529	-.00325	4.0153	-.00460	-.14006	5.2007	.33589	-.00021
#2	.01344	-.00458	3.9943	-.01074	-.14311	5.3251	.31581	-.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06177	7.9399	1.0419	.12997	77.812	105.52	1.0168	2.2447
Stddev	.00003	.3364	.0337	.00033	.232	4.44	.0309	.0892
%RSD	.05107	4.2372	3.2364	.25729	.29759	4.2095	3.0390	3.9739

#1	.06179	8.1778	1.0180	.13021	77.976	108.66	.99497	2.3078
#2	.06175	7.7020	1.0657	.12974	77.648	102.38	1.0387	2.1816

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 184.04	.01480	99.166	.00669	F 44.935	8.2902	.00185	6.0491
Stddev	1.93	.00058	3.839	.00021	2.037	.3604	.00041	.2373
%RSD	1.0491	3.8998	3.8712	3.1696	4.5332	4.3478	22.225	3.9226

#1	185.40	.01521	101.88	.00684	46.375	8.5451	.00214	6.2168
#2	182.67	.01439	96.451	.00654	43.495	8.0354	.00156	5.8813

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 99.947	.38939	.60695	.15936	.02471	F 15.32	-.05815	<.00000
Stddev	.656	.01712	.00619	.00330	.00207	.09	.00216	.69610
%RSD	.65588	4.3972	1.0195	2.0713	8.3827	.6104	3.7105	25.620

#1	100.41	.40150	.61133	.16169	.02618	15.39	-.05967	-3.2093
#2	99.484	.37729	.60257	.15702	.02325	15.26	-.05662	-2.2248



Sample Name: J6012-01DLX10 Acquired: 11/26/2018 15:55:48 Type: Unk
Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NS-18 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 18.898
Stddev .500
%RSD 2.6443

#1 19.252
#2 18.545

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2902.9	42681.	4277.8	92.432	2925.9
Stddev	9.3	1063.	152.7	3.619	16.4
%RSD	.32165	2.4910	3.5696	3.9157	.56221

#1	2896.3	43433.	4169.8	89.873	2914.3
#2	2909.5	41929.	4385.7	94.992	2937.5



Sample Name: J6022-17 Acquired: 11/26/2018 15:59:52 Type: Unk
Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01079	-.00019	-.00233	.00234	-.00148	.19028	.00428	.00000
Stddev	.00258	.00025	.00100	.00211	.00071	.00822	.00063	.00005
%RSD	23.886	131.35	43.108	90.185	47.631	4.3178	14.660	1187.6

#1	.01261	-.00001	-.00162	.00085	-.00198	.19608	.00473	.00004
#2	.00897	-.00036	-.00304	.00383	-.00098	.18447	.00384	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00018	14.541	.00145	.00015	.00930	.01909	.00710	.63609
Stddev	.00003	.183	.00043	.00002	.00092	.00141	.00004	.03465
%RSD	18.017	1.2618	30.052	15.782	9.9148	7.3844	.52017	5.4480

#1	.00021	14.671	.00114	.00013	.00864	.01810	.00707	.61158
#2	.00016	14.411	.00175	.00017	.00995	.02009	.00712	.66059

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00984	-.00051	99.446	.01721	.02085	1.2437	.14765	1.1486
Stddev	.00197	.00042	1.419	.00003	.00053	.0138	.00097	.0073
%RSD	19.991	81.910	1.4266	.18283	2.5572	1.1072	.65834	.63743

#1	.00845	-.00081	100.45	.01719	.02048	1.2534	.14696	1.1538
#2	.01123	-.00022	98.442	.01723	.02123	1.2340	.14833	1.1434

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 17.898	9.4568	-.00461	-.00171	-.00646	.1149	.07150	1.8983
Stddev	.153	.1173	.00080	.00040	.00040	.0032	.00098	.0995
%RSD	.85572	1.2408	17.454	23.728	6.1448	2.760	1.3641	5.2400

#1	17.789	9.5397	-.00518	-.00142	-.00618	.1127	.07219	1.8280
#2	18.006	9.3738	-.00404	-.00199	-.00674	.1172	.07081	1.9686



Sample Name: J6022-17 Acquired: 11/26/2018 15:59:52 Type: Unk
 Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .25991
 %RSD 40.454

#1 -.82626
 #2 -.45869

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3040.3	43753.	4342.9	100.93	3255.8
Stddev	25.9	41.	43.0	.09	30.3
%RSD	.85106	.09357	.98914	.08663	.92990

#1	3058.5	43782.	4312.6	101.00	3277.2
#2	3022.0	43724.	4373.3	100.87	3234.4



Sample Name: CCV04 Acquired: 11/26/2018 16:03:54 Type: Unk
Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2914	5.1587	5.1281	5.3348	5.3484	10.407	10.697	.25380
Stddev	.1028	.1034	.1145	.1179	.0911	.311	.049	.00825
%RSD	1.9421	2.0047	2.2319	2.2108	1.7034	2.9843	.45996	3.2526
#1	5.3641	5.2319	5.2090	5.4182	5.4128	10.627	10.732	.25964
#2	5.2188	5.0856	5.0472	5.2514	5.2840	10.187	10.663	.24796
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5322	26.004	1.0576	2.5621	1.3170	5.1776	2.5198	25.109
Stddev	.0575	.015	.0336	.0585	.0242	.0304	.0838	.048
%RSD	2.2697	.05665	3.1765	2.2854	1.8406	.58697	3.3260	.19096
#1	2.5729	25.994	1.0813	2.6035	1.3341	5.1561	2.5790	25.075
#2	2.4916	26.014	1.0338	2.5207	1.2998	5.1990	2.4605	25.142
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5350	1.2184	25.341	2.6409	2.5828	26.949	5.2054	5.1049
Stddev	.0561	.0386	.083	.0846	.0297	.057	.0949	.0165
%RSD	2.2113	3.1711	.32806	3.2039	1.1518	.21271	1.8233	.32272
#1	2.5746	1.2457	25.400	2.7007	2.6038	26.989	5.2725	5.0932
#2	2.4953	1.1911	25.283	2.5810	2.5617	26.908	5.1383	5.1165
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2194	4.9992	5.0164	5.2079	5.1870	5.156	5.2305	F 2.8138
Stddev	.1453	.0337	.1210	.0245	.0207	.122	.0272	.5791
%RSD	2.7834	.67374	2.4127	.47066	.39976	2.373	.52031	20.580
#1	5.3221	5.0230	5.1019	5.2252	5.2017	5.242	5.2497	3.2233
#2	5.1167	4.9754	4.9308	5.1906	5.1724	5.069	5.2113	2.4043



Sample Name: CCV04 Acquired: 11/26/2018 16:03:54 Type: Unk
 Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 2.7395
 Stddev .6305
 %RSD 23.017

#1 2.2936
 #2 3.1853

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3010.0	43496.	4191.5	93.024	3088.4
Stddev	47.5	1392.	18.5	.957	61.6
%RSD	1.5792	3.2011	.44213	1.0292	1.9960

#1	2976.4	42511.	4178.3	92.347	3044.8
#2	3043.6	44480.	4204.6	93.701	3131.9



Sample Name: CCB04 Acquired: 11/26/2018 16:07:39 Type: Unk
Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00177	.00116	-.00142	-.00022	-.00032	-.00742	-.00160
Stddev	.00390	.00054	.00069	.00000	.00200	.00254	.00009
%RSD	219.87	46.380	48.569	.23717	620.96	34.193	5.4291

#1	-.00098	.00154	-.00190	-.00022	-.00173	-.00922	-.00166
#2	.00453	.00078	-.00093	-.00022	.00109	-.00563	-.00154

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.00008	-.00863	-.00013	.00008	.00004	.00870
Stddev	.00005	.00003	.00380	.00001	.00002	.00040	.00388
%RSD	291.19	36.890	44.086	6.7318	22.401	1081.9	44.572

#1	.00002	.00006	-.01132	-.00012	.00010	.00032	.00596
#2	-.00005	.00010	-.00594	-.00013	.00007	-.00025	.01144

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	.02527	.00058	.00015	-.18266	-.00006	.00689
Stddev	.00002	.03914	.00008	.00015	.02159	.00041	.00026
%RSD	20.331	154.90	13.097	98.856	11.820	632.91	3.8372

#1	-.00009	-.00241	.00053	.00004	-.16739	.00023	.00708
#2	-.00007	.05294	.00064	.00025	-.19792	-.00035	.00671

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06992	.00067	.01761	F .04843	.00005	.00049	-.00392
Stddev	.02086	.00008	.00358	.00496	.00259	.00041	.00055
%RSD	29.837	11.879	20.321	10.235	5416.8	82.744	14.156

#1	.08467	.00062	.02014	.05194	.00188	.00078	-.00352
#2	.05517	.00073	.01508	.04493	-.00178	.00020	-.00431



Sample Name: CCB04 Acquired: 11/26/2018 16:07:39 Type: Unk
Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00108	.0006	.00023	F<.00000	F<.00000
Stddev	.00049	.0016	.00005	.49272	.44396
%RSD	45.326	276.4	23.153	193.57	155.52
#1	-.00143	-.0006	.00027	-.60295	.02846
#2	-.00074	.0017	.00019	.09387	-.59939
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3136.3	45545.	4220.2	98.317	3494.1
Stddev	25.1	590.	84.5	.452	28.6
%RSD	.80099	1.2947	2.0029	.45931	.81896
#1	3118.6	45962.	4160.4	97.998	3473.9
#2	3154.1	45128.	4280.0	98.636	3514.3



Sample Name: J6012-03 Acquired: 11/26/2018 16:11:43 Type: Unk
Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NS-19 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.32745	.00489	F 922.20	.27737	F 67.567	71.506	.53992
Stddev	.03307	.00173	95.04	.00089	6.536	3.086	.00088
%RSD	10.100	35.316	10.306	.31935	9.6739	4.3155	.16256

#1	.35083	.00367	989.40	.27799	72.189	73.688	.54054
#2	.30406	.00611	854.99	.27674	62.945	69.324	.53930

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00709	^ *****	10.955	F 103.41	.94200	F 294.83	F 1447.0
Stddev	.00016	-----	.230	4.29	.09487	27.69	81.2
%RSD	2.2768	-----	2.1021	4.1450	10.072	9.3905	5.6098

#1	-.00720	^ -----	10.792	106.44	1.0091	314.41	1504.4
#2	-.00697	^ -----	11.117	100.38	.87491	275.26	1389.6

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1132	4.3771	F 944.65	.27023	370.44	.20083	F 252.79
Stddev	.0651	.0015	94.54	.01318	5.89	.00917	10.47
%RSD	3.0817	.03514	10.008	4.8791	1.5907	4.5678	4.1424

#1	2.1593	4.3782	1011.5	.27955	366.27	.20731	260.19
#2	2.0672	4.3760	877.80	.26090	374.61	.19434	245.39

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	493.92	.03570	F 60.407	F 907.33	3.5229	4.7541	.31546
Stddev	.78	.00219	.409	91.57	.0003	.5049	.05997
%RSD	.15892	6.1488	.67660	10.092	.00864	10.620	19.012

#1	493.37	.03725	60.696	972.08	3.5227	5.1111	.35787
#2	494.48	.03415	60.118	842.58	3.5232	4.3971	.27305



Sample Name: J6012-03 Acquired: 11/26/2018 16:11:43 Type: Unk
Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NS-19 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.11341	F 33.51	F -1.2876	<.00000	4.6094
Stddev	.00194	3.27	.0896	1.3375	.1221
%RSD	1.7115	9.744	6.9577	11.254	2.6497

#1	.11478	35.82	-1.3510	-10.939	4.5231
#2	.11203	31.20	-1.2243	-12.830	4.6958

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2534.4	39542.	3986.4	30.336	2518.4
Stddev	251.0	1327.	46.3	1.513	247.4
%RSD	9.9021	3.3567	1.1626	4.9858	9.8246

#1	2356.9	38604.	4019.2	29.266	2343.4
#2	2711.8	40481.	3953.7	31.405	2693.3



Sample Name: J6012-03DLX10 Acquired: 11/26/2018 16:16:12 Type: Unk
Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NS-19 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02959	-.00491	117.55	-.00536	6.7749	7.0499	.05213	-.00076
Stddev	.00292	.00035	.80	.00138	.0116	.2610	.00290	.00007
%RSD	9.8853	7.1464	.67831	25.678	.17182	3.7022	5.5545	8.9876
#1	.02752	-.00466	116.98	-.00439	6.7667	7.2344	.05418	-.00081
#2	.03166	-.00516	118.11	-.00634	6.7831	6.8653	.05009	-.00072
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.03865	1.3726	F 12.280	.09273	34.547	54.198	.23211	.51336
Stddev	.00020	.0456	.517	.00093	.187	3.330	.00956	.03148
%RSD	.52888	3.3213	4.2072	1.0072	.54189	6.1445	4.1194	6.1330
#1	-.03879	1.4048	12.645	.09207	34.414	56.552	.23887	.53562
#2	-.03850	1.3403	11.915	.09339	34.679	51.843	.22535	.49110
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 243.55	.01584	36.424	.02444	F 49.067	48.681	-.00321	6.1595
Stddev	1.82	.00005	2.068	.00130	2.587	2.758	.00016	.2667
%RSD	.74929	.30943	5.6765	5.3283	5.2722	5.6651	4.9809	4.3299
#1	242.26	.01580	37.886	.02536	50.896	50.631	-.00332	6.3481
#2	244.84	.01587	34.962	.02352	47.237	46.730	-.00310	5.9710
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 108.71	.25666	.52645	.12499	.01071	3.381	-.02912	<.00000
Stddev	.62	.01177	.00082	.00546	.00138	.014	.00223	.99087
%RSD	.57112	4.5845	.15544	4.3646	12.870	.4256	7.6646	106.84
#1	108.27	.26498	.52703	.12113	.01168	3.371	-.03070	-.22677
#2	109.15	.24834	.52587	.12884	.00974	3.391	-.02754	-1.6281



Sample Name: J6012-03DLX10 Acquired: 11/26/2018 16:16:12 Type: Unk
Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NS-19 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 10.628
Stddev .104
%RSD .97682

#1 10.702
#2 10.555

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2958.1	43781.	4332.8	92.768	2947.7
Stddev	13.4	1580.	217.3	4.901	17.8
%RSD	.45318	3.6077	5.0149	5.2828	.60462

#1	2967.6	42664.	4179.1	89.303	2960.3
#2	2948.6	44897.	4486.4	96.233	2935.1



Sample Name: J6012-05 Acquired: 11/26/2018 16:20:17 Type: Unk
Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NS-20 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20281	-.02849	1.1718	.03115	F -1.9345	.65158	5.4238
Stddev	.00197	.00162	.0104	.00118	.0285	.00662	.0802
%RSD	.97365	5.6714	.88767	3.7985	1.4727	1.0161	1.4784

#1	.20420	-.02734	1.1792	.03031	-1.9546	.64690	5.3671
#2	.20141	-.02963	1.1645	.03198	-1.9143	.65626	5.4805

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00696	^ *****	3.7963	F 5.9997	1.5457	F 525.52	47.284
Stddev	.00012	-----	.0491	.0176	.0182	5.62	.829
%RSD	1.7800	-----	1.2940	.29381	1.1801	1.0701	1.7541

#1	-.00687	^ -----	3.7616	6.0122	1.5586	529.49	46.697
#2	-.00705	^ -----	3.8311	5.9873	1.5328	521.54	47.870

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.69881	.19674	F 923.66	.01030	1103.1	.04092	18.984
Stddev	.00045	.01755	7.37	.00041	6.6	.00078	.321
%RSD	.06453	8.9187	.79827	3.9664	.60227	1.8953	1.6908

#1	.69913	.20915	928.88	.01001	1098.4	.04147	18.757
#2	.69849	.18433	918.45	.01059	1107.8	.04037	19.211

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.9156	.16568	F 279.73	F 17.105	.57431	.02957	.16393
Stddev	.1890	.00152	3.17	.152	.00602	.00019	.00724
%RSD	2.7330	.91611	1.1336	.89131	1.0484	.65716	4.4187

#1	6.7819	.16675	277.49	17.212	.57005	.02944	.16905
#2	7.0492	.16461	281.98	16.997	.57857	.02971	.15881



Sample Name: J6012-05 Acquired: 11/26/2018 16:20:17 Type: Unk
 Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: NS-20 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.02809	F 238.1	.03091	4.5396	13.332
Stddev	.00195	2.7	.00035	.0386	.519
%RSD	6.9510	1.113	1.1403	.85087	3.8899
#1	.02671	240.0	.03066	4.5669	12.965
#2	.02947	236.2	.03116	4.5122	13.698
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2387.6	36565.	4024.8	48.310	2432.1
Stddev	26.7	189.	32.8	.432	33.3
%RSD	1.1179	.51757	.81500	.89396	1.3683
#1	2368.7	36431.	4048.0	48.615	2408.5
#2	2406.4	36699.	4001.6	48.004	2455.6



Sample Name: J6012-05DLX10 Acquired: 11/26/2018 16:24:28 Type: Unk
 Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: NS-20 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02136	-.00259	.08983	-.00107	-.16317	.03689	.50811	-.00072
Stddev	.00075	.00137	.00181	.00203	.00198	.01934	.00295	.00002
%RSD	3.5282	52.778	2.0193	190.36	1.2133	52.432	.58020	3.2318

#1	.02083	-.00162	.09111	.00037	-.16457	.05057	.51019	-.00074
#2	.02190	-.00355	.08855	-.00250	-.16177	.02321	.50602	-.00071

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.02853	.38638	.60158	.14501	57.273	2.7110	.07093	.03373
Stddev	.00013	.01174	.03900	.00072	.043	.0105	.00485	.02611
%RSD	.45633	3.0381	6.4822	.49799	.07420	.38865	6.8344	77.420

#1	-.02843	.39468	.62915	.14450	57.303	2.7185	.07436	.01526
#2	-.02862	.37808	.57400	.14552	57.243	2.7036	.06750	.05219

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 183.33	.00029	114.80	.00414	.35713	.89786	.01563	F 28.773
Stddev	.14	.00028	.68	.00037	.03015	.04470	.00005	.008
%RSD	.07657	94.663	.59581	9.0461	8.4428	4.9790	.29294	.02806

#1	183.23	.00010	115.28	.00441	.37845	.92947	.01566	28.778
#2	183.43	.00049	114.31	.00388	.33581	.86625	.01560	28.767

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.7221	.05966	.00428	.07383	.00530	F 29.07	.00505	1.8343
Stddev	.0156	.00221	.00141	.00252	.00051	.06	.00005	1.2541
%RSD	.90786	3.6964	33.008	3.4161	9.5646	.2049	1.0286	68.368

#1	1.7331	.06122	.00328	.07561	.00495	29.11	.00502	2.7210
#2	1.7110	.05810	.00528	.07204	.00566	29.03	.00509	.94752



Sample Name: J6012-05DLX10 Acquired: 11/26/2018 16:24:28 Type: Unk
 Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: NS-20 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.3378
 Stddev .0001
 %RSD .00600

#1 2.3377
 #2 2.3379

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2932.3	42122.	4256.5	91.739	3003.6
Stddev	10.6	2194.	46.2	2.045	15.0
%RSD	.36025	5.2080	1.0861	2.2291	.49794

#1	2924.8	40571.	4223.8	90.293	2993.0
#2	2939.7	43673.	4289.2	93.185	3014.1



Sample Name: J6012-07 Acquired: 11/26/2018 16:28:33 Type: Unk
Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NS-21 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k -.26062	k .05039	k 1.4807	k -.17486	k 2.2332	53.856	.92646
Stddev	.00360	.00171	.0089	.00325	.0066	.267	.01546
%RSD	1.3820	3.4004	.60011	1.8598	.29569	.49526	1.6688

#1	k -.26316	k .04917	k 1.4744	k -.17716	k 2.2285	54.045	.91552
#2	k -.25807	k .05160	k 1.4870	k -.17256	k 2.2379	53.668	.93739

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	-.17886	73.957	kF 218.10	k .33360	kF 566.78	k 563.43
Stddev	.00015	.00021	1.436	1.07	.00138	4.21	.28
%RSD	182.11	.11943	1.9422	.48952	.41437	.74329	.04921

#1	-.00019	-.17871	72.941	k 218.85	k .33262	k 563.80	k 563.62
#2	.00002	-.17901	74.973	k 217.34	k .33458	k 569.76	k 563.23

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.9384	43.144	kF 740.87	k -.03433	109.31	^ *****	k 26.425
Stddev	.0321	.704	.82	.00074	1.66	----	.124
%RSD	1.0925	1.6316	.11074	2.1410	1.5213	----	.47088

#1	2.9611	42.646	k 740.29	k -.03485	108.13	^ ----	k 26.513
#2	2.9157	43.642	k 741.45	k -.03381	110.49	^ ----	k 26.337

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	208.82	.02578	kF 84.217	kF 192.49	k .68657	k .29511	k .18490
Stddev	3.62	.00031	1.508	.00	.01091	.00178	.00144
%RSD	1.7317	1.2013	1.7910	.00096	1.5885	.60405	.77802

#1	206.26	.02556	k 83.150	k 192.49	k .67886	k .29385	k .18388
#2	211.37	.02600	k 85.283	k 192.49	k .69428	k .29637	k .18592



Sample Name: J6012-07 Acquired: 11/26/2018 16:28:33 Type: Unk
Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NS-21 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20606	kF 27.34	k .80384	<.00000	F<.00000
Stddev	.00384	.02	.01325	.01357	.12449
%RSD	1.8613	.0627	1.6484	.19255	2.2372
#1	.20335	k 27.33	k .79447	-7.0361	-5.4766
#2	.20877	k 27.35	k .81321	-7.0553	-5.6526
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2230.1	46428.	4947.1	66.643	2421.1
Stddev	1.8	499.	64.1	.344	.5
%RSD	.07911	1.0743	1.2964	.51629	.01949
#1	2228.9	46076.	4992.4	66.400	2420.8
#2	2231.4	46781.	4901.7	66.887	2421.4



Sample Name: J6012-07DLX10 Acquired: 11/26/2018 16:32:40 Type: Unk
Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NS-21 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01764	-.00355	.08248	-.00374	-.26112	6.1804	.11121	.00002
Stddev	.00384	.00005	.00409	.00153	.02468	.4184	.00514	.00003
%RSD	21.759	1.4762	4.9617	41.014	9.4509	6.7692	4.6244	223.18

#1	-.01493	-.00351	.07958	-.00265	-.24367	5.8846	.11484	-.00001
#2	-.02035	-.00358	.08537	-.00482	-.27857	6.4763	.10757	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01798	9.5186	F 35.696	.02938	57.891	46.715	.38700	5.6234
Stddev	.00035	.5864	2.099	.00068	.195	3.737	.02709	.2678
%RSD	1.9711	6.1605	5.8789	2.3297	.33694	7.9996	7.0012	4.7616

#1	-.01823	9.9332	34.212	.02889	57.753	49.357	.36784	5.8127
#2	-.01773	9.1039	37.180	.02986	58.029	44.072	.40616	5.4341

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 115.09	.00186	13.196	.05305	1.6842	25.302	.00237	F 11.026
Stddev	.51	.00016	.666	.00251	.1899	1.283	.00039	.547
%RSD	.44551	8.6608	5.0471	4.7287	11.275	5.0698	16.499	4.9616

#1	114.73	.00198	13.667	.05128	1.8185	26.209	.00265	11.413
#2	115.45	.00175	12.725	.05482	1.5499	24.395	.00210	10.639

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 17.942	.22534	.02214	.08930	.02361	2.497	.04780	.41269
Stddev	.018	.03222	.00089	.00052	.00340	.005	.00100	1.2322
%RSD	.10041	14.299	4.0003	.58696	14.388	.1967	2.0879	298.58

#1	17.955	.20255	.02152	.08967	.02601	2.494	.04851	-.45861
#2	17.929	.24812	.02277	.08893	.02120	2.501	.04709	1.2840



Sample Name: J6012-07DLX10 Acquired: 11/26/2018 16:32:40 Type: Unk
Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NS-21 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 7.1062
Stddev 1.2462
%RSD 17.537

#1 6.2250
#2 7.9874

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2959.4	41910.	4185.7	89.673	3101.7
Stddev	5.7	2556.	205.6	6.924	10.5
%RSD	.19210	6.0983	4.9114	7.7215	.33734

#1	2963.4	43717.	4040.3	84.777	3109.1
#2	2955.4	40103.	4331.1	94.569	3094.3



Sample Name: J6012-09 Acquired: 11/26/2018 16:36:43 Type: Unk
Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NS-22 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k -.15723	k .01500	^ *****	k .13511	kF -1.8603	k 29.941	.79557
Stddev	.00274	.00117	----	.00516	.0191	.013	.01440
%RSD	1.7434	7.7900	----	3.8176	1.0249	.04442	1.8096

#1	k -.15917	k .01418	^ ----	k .13876	k -1.8737	k 29.951	.78539
#2	k -.15529	k .01583	^ ----	k .13146	k -1.8468	k 29.932	.80575

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01003	^ *****	k 18.455	kF 166.48	k 1.8751	kF 1158.1	k 451.84
Stddev	.00017	----	.330	.14	.0057	4.2	72.51
%RSD	1.7027	----	1.7900	.08302	.30553	.36058	16.049

#1	-.00991	^ ----	k 18.221	k 166.58	k 1.8792	k 1155.2	k 400.56
#2	-.01015	^ ----	k 18.688	k 166.38	k 1.8711	k 1161.1	k 503.11

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9766	14.548	F 942.43	k -.01131	185.60	k -.33680	kF 91.907
Stddev	.0027	.391	4.85	.00011	3.29	.00016	15.426
%RSD	.13871	2.6866	.51437	.97648	1.7714	.04860	16.784

#1	1.9786	14.271	945.86	k -.01123	183.27	k -.33668	k 81.000
#2	1.9747	14.824	939.00	k -.01139	187.92	k -.33691	k 102.82

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	120.57	.28397	kF 43.281	kF 96.737	k -.51221	k .02398	k .02930
Stddev	2.43	.00126	1.124	.374	.02486	.00099	.01438
%RSD	2.0174	.44343	2.5974	.38641	4.8536	4.1480	49.077

#1	118.85	.28308	k 42.486	k 97.001	k -.52978	k .02328	k .03947
#2	122.29	.28486	k 44.076	k 96.472	k -.49463	k .02469	k .01913



Sample Name: J6012-09 Acquired: 11/26/2018 16:36:43 Type: Unk
Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NS-22 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.04163	^ *****	k .25491	4.6860	17.497
Stddev	.00095	-----	.00716	.5276	.121
%RSD	2.2797	-----	2.8105	11.258	.69315
#1	.04096	^ -----	k .24984	5.0591	17.411
#2	.04230	^ -----	k .25998	4.3130	17.583
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1952.5	40520.	4310.8	23.321	2705.1
Stddev	4.1	146.	70.7	3.687	8.4
%RSD	.21169	.35963	1.6391	15.811	.31198
#1	1949.6	40417.	4360.7	25.928	2699.2
#2	1955.4	40623.	4260.8	20.714	2711.1



Sample Name: J6012-09DLX10 Acquired: 11/26/2018 16:40:50 Type: Unk
Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NS-22 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00224	-.00359	.23289	.00807	-.40482	2.9628	.08422	-.00119
Stddev	.00080	.00058	.00093	.00024	.00781	.1231	.00040	.00003
%RSD	35.535	16.016	.39954	2.9361	1.9300	4.1543	.47830	2.8269

#1	-.00280	-.00400	.23223	.00824	-.41034	3.0499	.08393	-.00121
#2	-.00168	-.00318	.23354	.00791	-.39929	2.8758	.08450	-.00117

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.05350	2.0200	F 21.877	.20342	117.87	13.515	.22548	1.6335
Stddev	.00061	.0383	.700	.00242	1.58	.230	.00741	.0332
%RSD	1.1418	1.8946	3.2015	1.1905	1.3384	1.6989	3.2877	2.0334

#1	-.05393	1.9929	22.372	.20513	118.99	13.677	.23072	1.6100
#2	-.05307	2.0470	21.382	.20170	116.76	13.353	.22024	1.6569

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 310.39	.00072	19.604	.03738	1.0900	12.986	.02260	5.0337
Stddev	3.44	.00023	.123	.00099	.0326	.063	.00016	.0175
%RSD	1.1075	31.458	.62741	2.6429	2.9890	.48650	.69953	.34845

#1	312.82	.00056	19.517	.03808	1.1131	12.942	.02271	5.0213
#2	307.96	.00088	19.691	.03669	1.0670	13.031	.02249	5.0461

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 11.436	.25294	.00084	.13206	.00420	-.8777	.01284	2.0473
Stddev	.176	.01065	.00147	.00111	.00093	.0013	.00034	.0956
%RSD	1.5375	4.2120	174.68	.84167	22.157	.1500	2.6481	4.6698

#1	11.560	.26048	-.00020	.13285	.00354	-.8767	.01260	1.9797
#2	11.311	.24541	.00188	.13127	.00486	-.8786	.01308	2.1149



Sample Name: J6012-09DLX10 Acquired: 11/26/2018 16:40:50 Type: Unk
 Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: NS-22 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.4725
 Stddev .2330
 %RSD 9.4235

#1 2.6372
 #2 2.3077

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2864.4	42450.	4254.1	87.726	2977.1
Stddev	42.5	1277.	10.6	1.643	46.6
%RSD	1.4827	3.0081	.24931	1.8731	1.5665

#1	2834.4	41547.	4261.6	86.565	2944.1
#2	2894.4	43353.	4246.6	88.888	3010.1



Sample Name: J6012-11 Acquired: 11/26/2018 16:44:52 Type: Unk
Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NS-23 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01606	-.01551	.85079	.02289	F -1.7490	4.0471	.47061
Stddev	.00532	.00054	.00315	.00312	.0018	.0060	.00068
%RSD	33.133	3.4692	.37059	13.625	.10523	.14919	.14478

#1	-.01230	-.01589	.84857	.02069	-1.7477	4.0429	.47110
#2	-.01982	-.01513	.85302	.02510	-1.7503	4.0514	.47013

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00600	^ *****	9.8052	F 75.570	.47810	52.512	281.73
Stddev	.00003	----	.0117	.304	.00118	.165	.40
%RSD	.46044	----	.11951	.40214	.24699	.31389	.14235

#1	-.00598	^ ----	9.7969	75.355	.47894	52.629	281.45
#2	-.00602	^ ----	9.8135	75.784	.47727	52.396	282.02

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.96188	4.6238	F 913.24	.00886	958.97	.11570	21.673
Stddev	.00207	.0633	2.04	.00018	5.04	.00073	.091
%RSD	.21535	1.3691	.22323	2.0050	.52541	.63003	.41989

#1	.96041	4.6685	914.68	.00873	955.41	.11518	21.608
#2	.96334	4.5790	911.79	.00898	962.53	.11622	21.737

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	47.911	.03155	F 368.17	F 923.59	2.4204	-.11201	.31161
Stddev	.056	.00005	.46	6.56	.0550	.00296	.00367
%RSD	.11645	.16755	.12393	.71017	2.2718	2.6441	1.1790

#1	47.950	.03151	367.85	928.22	2.3815	-.10992	.31421
#2	47.871	.03158	368.49	918.95	2.4593	-.11411	.30901



Sample Name: J6012-11 Acquired: 11/26/2018 16:44:52 Type: Unk
Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NS-23 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.02594	5.302	-.19272	<.00000	24.365
Stddev	.00098	.021	.00141	.51878	1.090
%RSD	3.7782	.3861	.73001	24.630	4.4752
#1	.02525	5.316	-.19173	-2.4731	23.594
#2	.02664	5.287	-.19372	-1.7395	25.136
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2600.8	38674.	4172.5	52.181	2430.2
Stddev	6.2	25.	1.9	.148	12.1
%RSD	.23840	.06524	.04440	.28385	.49891
#1	2596.5	38692.	4171.2	52.285	2421.6
#2	2605.2	38656.	4173.8	52.076	2438.8



Sample Name: J6012-11DLX10 Acquired: 11/26/2018 16:49:00 Type: Unk
Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NS-23 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00079	-.00073	.09470	-.00364	-.17130	.36150	.04665	-.00069
Stddev	.00240	.00005	.00159	.00424	.00278	.00183	.00000	.00003
%RSD	302.05	6.4461	1.6842	116.32	1.6237	.50586	.00157	4.0130
#1	.00090	-.00076	.09583	-.00664	-.17327	.36279	.04665	-.00071
#2	-.00249	-.00070	.09357	-.00065	-.16934	.36020	.04664	-.00067
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.02739	1.0801	F 8.3191	.04186	6.0932	17.739	.10161	.51399
Stddev	.00004	.0034	.0036	.00082	.0429	.223	.00012	.07626
%RSD	.13720	.30977	.04292	1.9644	.70447	1.2591	.11632	14.837
#1	-.02736	1.0777	8.3165	.04244	6.1236	17.897	.10170	.46006
#2	-.02741	1.0825	8.3216	.04128	6.0629	17.581	.10153	.56791
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 172.08	-.00062	103.93	.01373	.80535	4.9749	.00344	F 40.124
Stddev	2.13	.00067	.50	.00011	.02092	.0007	.00020	.112
%RSD	1.2352	107.33	.48492	.81370	2.5972	.01433	5.8771	.27915
#1	173.58	-.00109	104.29	.01381	.82014	4.9744	.00330	40.203
#2	170.58	-.00015	103.58	.01365	.79056	4.9754	.00359	40.044
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 96.757	.28941	-.01261	.07783	.00375	.4767	-.00722	1.0386
Stddev	1.023	.00190	.00047	.00274	.00136	.0026	.00017	.0100
%RSD	1.0574	.65694	3.7539	3.5171	36.228	.5515	2.3780	.96522
#1	97.480	.28806	-.01295	.07976	.00471	.4786	-.00734	1.0315
#2	96.034	.29075	-.01228	.07589	.00279	.4749	-.00710	1.0457



Sample Name: J6012-11DLX10 Acquired: 11/26/2018 16:49:00 Type: Unk
Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NS-23 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 3.9406
Stddev .2388
%RSD 6.0608

#1 4.1095
#2 3.7717

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2996.4	42602.	4194.0	89.872	3036.6
Stddev	17.8	120.	40.1	1.726	21.5
%RSD	.59461	.28053	.95684	1.9208	.70959

#1	2983.8	42518.	4165.6	88.651	3021.4
#2	3009.0	42687.	4222.3	91.093	3051.9



Sample Name: CCV05 Acquired: 11/26/2018 16:53:04 Type: Unk
Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.3712	5.2437	5.2036	5.4083	5.4415	10.572	10.419	.25969
Stddev	.0165	.0010	.0041	.0035	.0054	.105	.329	.00026
%RSD	.30684	.01945	.07948	.06541	.09864	.99725	3.1529	.10169
#1	5.3829	5.2444	5.2065	5.4108	5.4453	10.647	10.651	.25951
#2	5.3596	5.2430	5.2006	5.4058	5.4377	10.498	10.187	.25988
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5755	25.328	1.0813	2.6046	1.3349	5.0735	2.5807	24.323
Stddev	.0006	.920	.0013	.0040	.0032	.1470	.0009	.588
%RSD	.02538	3.6312	.11981	.15233	.23721	2.8973	.03381	2.4177
#1	2.5751	25.979	1.0804	2.6018	1.3372	5.1774	2.5814	24.739
#2	2.5760	24.678	1.0822	2.6074	1.3327	4.9696	2.5801	23.908
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5757	1.2517	24.584	2.7142	2.5531	26.233	5.2930	5.2171
Stddev	.0007	.0039	.724	.0048	.0729	.756	.0014	.1414
%RSD	.02881	.30829	2.9452	.17685	2.8567	2.8834	.02627	2.7108
#1	2.5762	1.2544	25.096	2.7108	2.6047	26.768	5.2920	5.3171
#2	2.5751	1.2490	24.072	2.7176	2.5015	25.698	5.2939	5.1171
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.3097	4.9035	5.0955	5.0805	5.0167	5.262	5.0922	F 3.1379
Stddev	.0134	.1315	.0065	.1719	.1577	.015	.1521	.1189
%RSD	.25209	2.6826	.12784	3.3836	3.1434	.2765	2.9869	3.7899
#1	5.3191	4.9965	5.0909	5.2021	5.1282	5.272	5.1997	3.0538
#2	5.3002	4.8104	5.1001	4.9590	4.9052	5.252	4.9846	3.2220



Sample Name: CCV05 Acquired: 11/26/2018 16:53:04 Type: Unk
 Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 3.0205
 Stddev .4103
 %RSD 13.582

#1 2.7304
 #2 3.3106

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2992.1	42758.	4303.7	94.692	3060.5
Stddev	7.7	18.	115.1	2.891	4.1
%RSD	.25705	.04132	2.6754	3.0534	.13403

#1	2986.6	42770.	4222.3	92.647	3057.6
#2	2997.5	42745.	4385.2	96.736	3063.4



Sample Name: CCB05 Acquired: 11/26/2018 16:56:49 Type: Unk
Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00022	.00019	-.00149	-.00089	.00061	-.00140	-.00238
Stddev	.00261	.00003	.00018	.00027	.00031	.00916	.00023
%RSD	1202.3	14.370	12.147	30.665	50.934	652.75	9.5016

#1	.00206	.00021	-.00162	-.00108	.00039	-.00788	-.00222
#2	-.00163	.00017	-.00136	-.00070	.00083	.00507	-.00254

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.00006	-.00703	-.00012	.00007	.00011	-.00234
Stddev	.00004	.00002	.01618	.00014	.00016	.00009	.01077
%RSD	247.47	29.107	230.18	115.44	247.36	79.526	459.76

#1	.00001	.00007	.00441	-.00002	.00018	.00005	-.00996
#2	-.00005	.00005	-.01848	-.00022	-.00005	.00017	.00527

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	.01665	.00108	-.00018	-.16775	-.00012	.00235
Stddev	.00001	.05715	.00039	.00005	.00121	.00007	.00034
%RSD	14.858	343.26	36.472	28.182	.71928	59.984	14.389

#1	-.00007	.05706	.00080	-.00022	-.16689	-.00007	.00259
#2	-.00006	-.02376	.00136	-.00015	-.16860	-.00017	.00211

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16494	.00061	F .19566	F .04814	-.00002	.00010	-.00248
Stddev	.01624	.00027	.00381	.00442	.00057	.00022	.00076
%RSD	9.8476	44.315	1.9461	9.1827	3328.9	227.23	30.769

#1	.17643	.00080	.19835	.05126	.00039	.00025	-.00194
#2	.15345	.00042	.19296	.04501	-.00042	-.00006	-.00301



Sample Name: CCB05 Acquired: 11/26/2018 16:56:49 Type: Unk
Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00133	.0005	.00019	F<.00000	F 1.2622
Stddev	.00023	.0022	.00010	.08657	.1576
%RSD	17.392	441.3	52.234	24.006	12.485
#1	-.00150	.0021	.00026	-.29939	1.1508
#2	-.00117	-.0011	.00012	-.42181	1.3737
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3151.1	45282.	4292.4	99.410	3500.1
Stddev	3.0	192.	64.0	2.804	6.0
%RSD	.09660	.42408	1.4914	2.8210	.17113
#1	3149.0	45146.	4247.1	97.427	3495.9
#2	3153.3	45418.	4337.6	101.39	3504.4



Sample Name: J6012-13 Acquired: 11/26/2018 17:00:54 Type: Unk
Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NS-24 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k -.49792	k .02328	k 1.6183	k -.04726	k .62836	k 18.363	.96486
Stddev	.01526	.00202	.0333	.01518	.19379	.012	.00025
%RSD	3.0649	8.6894	2.0576	32.113	30.842	.06567	.02571

#1	k -.50871	k .02471	k 1.6419	-.05799	k .76539	k 18.372	.96504
#2	k -.48713	k .02185	k 1.5948	k -.03653	k .49132	k 18.354	.96469

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00477	-.14794	16.397	F 313.55	k .72491	kF 487.62	272.63
Stddev	.00000	.00126	.073	.41	.01347	25.07	6.25
%RSD	.07361	.84973	.44743	.13202	1.8575	5.1405	2.2938

#1	-.00478	-.14883	16.449	313.85	k .73443	k 505.35	268.21
#2	-.00477	-.14705	16.345	313.26	k .71539	k 469.90	277.05

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3432	10.069	kF 725.04	k .00948	987.38	^ *****	kF 37.542
Stddev	.0022	.081	9.87	.00040	4.11	----	.802
%RSD	.16128	.80316	1.3616	4.2043	.41585	----	2.1362

#1	1.3417	10.011	k 732.02	k .00920	990.28	^ ----	k 36.975
#2	1.3447	10.126	k 718.06	k .00976	984.48	^ ----	k 38.109

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	254.03	.05280	kF 82.152	kF 377.96	k 7.8565	k .33419	k -.07888
Stddev	.27	.00134	.128	7.66	.0680	.00565	.00381
%RSD	.10625	2.5459	.15621	2.0268	.86505	1.6900	4.8289

#1	253.84	.05375	k 82.061	k 383.38	k 7.8084	k .33818	k -.08158
#2	254.22	.05185	k 82.243	k 372.55	k 7.9045	k .33020	k -.07619



Sample Name: J6012-13 Acquired: 11/26/2018 17:00:54 Type: Unk
Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NS-24 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.03126	k 4.173	-.03398	<.00000	5.3375
Stddev	.00083	.067	.00637	.65031	1.2292
%RSD	2.6483	1.601	18.754	48.446	23.030

#1	.03185	k 4.221	-.02948	-1.8022	4.4683
#2	.03067	k 4.126	-.03849	-.88251	6.2067

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1623.5	38421.	4138.7	65.294	2337.6
Stddev	63.2	37.	14.8	1.460	45.2
%RSD	3.8933	.09539	.35705	2.2353	1.9322

#1	1578.8	38447.	4149.2	66.326	2305.6
#2	1668.2	38395.	4128.3	64.262	2369.5



Sample Name: J6012-13DLX10 Acquired: 11/26/2018 17:05:07 Type: Unk
Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NS-24 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.02693	-.00303	.12464	-.00281	-.25415	1.7293	.10171	-.00048
Stddev	.00081	.00050	.00061	.00070	.00189	.0041	.00398	.00008
%RSD	3.0142	16.543	.48904	24.859	.74427	.23753	3.9140	16.720

#1	-.02636	-.00267	.12421	-.00330	-.25281	1.7322	.10453	-.00042
#2	-.02751	-.00338	.12507	-.00231	-.25549	1.7264	.09890	-.00053

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01476	1.8352	F 44.905	.06613	36.394	21.890	.14557	1.1375
Stddev	.00012	.0639	.181	.00034	.317	.839	.00070	.0335
%RSD	.79356	3.4835	.40229	.51540	.87122	3.8344	.48070	2.9415

#1	-.01484	1.8804	45.033	.06637	36.618	22.483	.14606	1.1138
#2	-.01468	1.7900	44.777	.06589	36.170	21.296	.14507	1.1612

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 104.70	-.00002	108.35	.05639	2.8741	26.048	.00362	9.2351
Stddev	.64	.00037	3.71	.00097	.1352	.888	.00049	.2593
%RSD	.61095	1617.8	3.4203	1.7225	4.7047	3.4100	13.652	2.8078

#1	105.15	.00024	110.97	.05570	2.9697	26.676	.00397	9.4185
#2	104.24	-.00028	105.73	.05707	2.7785	25.420	.00327	9.0518

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 34.437	.98906	.01969	.05753	.00848	.3685	.00437	1.0198
Stddev	.214	.02173	.00005	.00058	.00164	.0013	.00009	.1023
%RSD	.62133	2.1973	.24463	1.0038	19.388	.3407	2.1572	10.035

#1	34.588	1.0044	.01965	.05794	.00964	.3676	.00443	.94746
#2	34.286	.97369	.01972	.05713	.00732	.3694	.00430	1.0922



Sample Name: J6012-13DLX10 Acquired: 11/26/2018 17:05:07 Type: Unk
 Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: NS-24 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.1994
 Stddev .1930
 %RSD 8.7769

#1 2.3359
 #2 2.0629

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2853.3	42390.	4117.7	90.749	3008.9
Stddev	26.5	25.	122.7	3.634	22.3
%RSD	.93048	.05841	2.9803	4.0045	.74077

#1	2834.5	42373.	4030.9	88.180	2993.2
#2	2872.1	42408.	4204.5	93.319	3024.7



Sample Name: J6012-19 Acquired: 11/26/2018 17:09:11 Type: Unk
Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PLATING-11 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15340	.20940	23.899	1.6016	F -2.3143	120.01	1.3595
Stddev	.01509	.03075	.285	.1522	.0074	1.51	.0136
%RSD	9.8349	14.686	1.1912	9.5005	.32008	1.2609	.99785

#1	.14274	.18766	24.100	1.4940	-2.3090	118.94	1.3691
#2	.16407	.23115	23.697	1.7092	-2.3195	121.08	1.3500

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00920	F -1.0070	F -6.1607	F 80.167	1.3104	29.203	F 8855.5
Stddev	.00054	.0604	1.6082	1.132	.0039	.609	529.9
%RSD	5.8868	6.0016	26.104	1.4116	.29711	2.0837	5.9836

#1	.00881	-.96424	-5.0235	79.367	1.3131	29.633	8480.9
#2	.00958	-1.0497	-7.2978	80.967	1.3076	28.772	9230.2

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.9100	3.0290	F 1175.2	.75716	359.43	.23314	F 183.09
Stddev	.0946	.0457	9.8	.06188	4.83	.00303	6.18
%RSD	1.1957	1.5084	.83490	8.1731	1.3446	1.3000	3.3729

#1	7.8431	3.0613	1182.2	.71341	362.85	.23100	178.73
#2	7.9768	2.9967	1168.3	.80092	356.01	.23529	187.46

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	223.03	.33800	F 285.53	F 1568.7	1.7123	.76853	.61887
Stddev	2.20	.00067	1.43	9.2	.0343	.00180	.00759
%RSD	.98805	.19751	.49963	.58845	2.0035	.23409	1.2261

#1	224.59	.33847	286.54	1575.3	1.6880	.76980	.62423
#2	221.47	.33753	284.52	1562.2	1.7365	.76726	.61350



Sample Name: J6012-19 Acquired: 11/26/2018 17:09:11 Type: Unk
 Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PLATING-11 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01354	F 12.62	F -9.4688	<.00000	^ *****
Stddev	.00096	.03	.5860	.49573	-----
%RSD	7.0572	.2381	6.1884	.36120	-----
#1	.01422	12.64	-9.0545	-137.60	^ -----
#2	.01287	12.60	-9.8831	-136.89	^ -----
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2436.6	37731.	4091.2	24.120	1875.3
Stddev	9.1	536.	31.4	.905	8.8
%RSD	.37387	1.4194	.76718	3.7526	.46724
#1	2430.2	38110.	4069.0	24.760	1869.1
#2	2443.0	37353.	4113.4	23.480	1881.5



Sample Name: J6012-19DLX10 Acquired: 11/26/2018 17:13:34 Type: Unk
Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PLATING-11 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00997	-.00523	2.2771	.00272	-.20841	10.944	.13475	.00012
Stddev	.00294	.00029	.0208	.00474	.00215	.067	.00249	.00005
%RSD	29.442	5.6270	.91361	174.11	1.0306	.61586	1.8481	39.029

#1	.00790	-.00502	2.2918	-.00063	-.20993	10.897	.13299	.00009
#2	.01205	-.00544	2.2624	.00608	-.20689	10.992	.13651	.00015

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.04876	1.0840	F 9.1435	.10011	4.2821	329.02	.87288	.36476
Stddev	.00075	.0580	.0222	.00072	.0599	3.42	.00285	.00463
%RSD	1.5456	5.3458	.24294	.71604	1.3989	1.0387	.32608	1.2690

#1	-.04930	1.0430	9.1592	.10062	4.3245	331.43	.87490	.36148
#2	-.04823	1.1250	9.1277	.09960	4.2397	326.60	.87087	.36803

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 240.34	.00292	36.456	.02538	10.385	22.635	.03287	F 30.662
Stddev	3.27	.00089	.564	.00003	.174	.320	.00041	.559
%RSD	1.3598	30.672	1.5474	.11207	1.6735	1.4133	1.2527	1.8220

#1	242.65	.00355	36.057	.02540	10.508	22.409	.03316	30.267
#2	238.03	.00228	36.855	.02536	10.262	22.862	.03258	31.057

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 160.41	.20361	.05935	.13821	.00263	.9565	-.33409	<.00000
Stddev	1.98	.00217	.00145	.00389	.00018	.0072	.00427	.44573
%RSD	1.2355	1.0664	2.4462	2.8124	6.7931	.7528	1.2774	2.8473

#1	161.81	.20515	.06038	.14096	.00276	.9616	-.33711	-15.339
#2	159.01	.20208	.05832	.13546	.00251	.9514	-.33108	-15.970



Sample Name: J6012-19DLX10 Acquired: 11/26/2018 17:13:34 Type: Unk
Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PLATING-11 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 25.684
Stddev 1.416
%RSD 5.5130

#1 26.685
#2 24.683

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3021.3	43096.	4137.9	83.934	2957.1
Stddev	43.3	182.	32.8	1.367	35.2
%RSD	1.4336	.42290	.79306	1.6282	1.1897

#1	2990.7	42967.	4161.1	82.967	2932.3
#2	3051.9	43225.	4114.7	84.900	2982.0



Sample Name: PB115034BL Acquired: 11/26/2018 17:17:34 Type: Unk
Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00041	.00037	-.00160	-.00148	-.00089	-.00600	-.00219	.00004
Stddev	.00266	.00026	.00187	.00258	.00144	.00420	.00016	.00001
%RSD	647.19	68.279	116.55	174.45	162.56	69.958	7.2869	14.842

#1	.00147	.00019	-.00293	.00035	-.00191	-.00897	-.00208	.00004
#2	-.00229	.00055	-.00028	-.00330	.00013	-.00303	-.00230	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.01016	-.00000	.00021	.00014	.00966	-.00010	.01987
Stddev	.00002	.00102	.00035	.00038	.00034	.00447	.00004	.01600
%RSD	258.14	10.002	10674.	185.19	239.44	46.242	36.459	80.524

#1	-.00002	.00944	-.00025	-.00006	.00038	.01282	-.00007	.00856
#2	.00001	.01087	.00024	.00048	-.00010	.00650	-.00012	.03118

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00185	-.00065	-.12638	-.00006	.00381	.16778	.00049	F .27860
Stddev	.00028	.00029	.01375	.00030	.00034	.02294	.00029	.00130
%RSD	14.991	44.286	10.882	509.73	8.9185	13.674	59.478	.46624

#1	.00205	-.00044	-.11666	-.00027	.00405	.15156	.00028	.27768
#2	.00165	-.00085	-.13611	.00015	.00357	.18400	.00069	.27952

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .11990	.00011	-.00007	-.00338	-.00066	.0016	.00028	F .11157
Stddev	.01800	.00167	.00039	.00015	.00048	.0005	.00003	.25038
%RSD	15.011	1490.2	575.03	4.4507	71.586	27.51	9.2102	224.42

#1	.13263	-.00107	.00021	-.00349	-.00100	.0020	.00030	.28862
#2	.10718	.00129	-.00034	-.00328	-.00033	.0013	.00027	-.06548



Sample Name: PB115034BL Acquired: 11/26/2018 17:17:34 Type: Unk
Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .10128
Stddev .02060
%RSD 20.336

#1 .08672
#2 .11584

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3139.7	45155.	4238.2	96.807	3490.2
Stddev	87.0	164.	71.7	3.732	94.5
%RSD	2.7724	.36268	1.6919	3.8547	2.7082

#1	3078.2	45271.	4187.5	94.168	3423.4
#2	3201.3	45039.	4288.9	99.445	3557.1



Sample Name: PB115034BS Acquired: 11/26/2018 17:21:39 Type: Unk
Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.74263	1.8628	.91374	1.8564	.79741	1.9055	.20913
Stddev	.00288	.0039	.00011	.0069	.00139	.0323	.00108
%RSD	.38798	.21065	.01159	.37386	.17456	1.6972	.51705

#1	.74467	1.8656	.91381	1.8613	.79839	1.8826	.20836
#2	.74059	1.8601	.91366	1.8515	.79642	1.9284	.20989

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18109	.17864	1.0295	.39118	.19148	.30625	2.9659
Stddev	.00045	.00026	.0211	.00144	.00042	.00134	.0113
%RSD	.24988	.14359	2.0500	.36685	.21914	.43917	.38209

#1	.18077	.17882	1.0146	.39219	.19178	.30720	2.9579
#2	.18141	.17845	1.0444	.39016	.19118	.30530	2.9739

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20262	1.9316	.47237	.06514	2.7781	.29403	.19701
Stddev	.00002	.0103	.00259	.00104	.0008	.00079	.00065
%RSD	.01122	.53300	.54742	1.5904	.02753	.26993	.32971

#1	.20264	1.9388	.47420	.06441	2.7787	.29347	.19747
#2	.20260	1.9243	.47054	.06587	2.7776	.29459	.19655

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.6686	.43270	F .49326	F .06734	.89267	.64556	.20051
Stddev	.0467	.00088	.01573	.00056	.00211	.00018	.00144
%RSD	.48329	.20357	3.1899	.82922	.23610	.02844	.71989

#1	9.6356	.43332	.48214	.06774	.89416	.64569	.20153
#2	9.7017	.43208	.50439	.06695	.89118	.64543	.19949



Sample Name: PB115034BS Acquired: 11/26/2018 17:21:39 Type: Unk
Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19709	F 5.093	.20013	F<.00000	F<.00000
Stddev	.00048	.013	.00047	.09250	.33187
%RSD	.24373	.2463	.23594	45.751	76.548
#1	.19675	5.102	.20047	-.26759	-.19888
#2	.19743	5.084	.19980	-.13677	-.66821
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3092.3	45134.	4186.0	95.866	3409.2
Stddev	18.8	246.	17.5	.373	22.2
%RSD	.60716	.54468	.41908	.38892	.65054
#1	3079.0	44960.	4173.6	95.602	3393.6
#2	3105.6	45308.	4198.4	96.130	3424.9



Sample Name: PB115056TB Acquired: 11/26/2018 17:25:31 Type: Unk
Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00095	-.00071	-.00189	.00562	.00157	.00204	-.00214	-.00012
Stddev	.00004	.00036	.00056	.00033	.00035	.00366	.00007	.00001
%RSD	3.9159	51.355	29.583	5.8368	22.574	179.56	3.3456	6.5138
#1	-.00098	-.00045	-.00228	.00585	.00182	.00462	-.00219	-.00012
#2	-.00092	-.00096	-.00149	.00539	.00132	-.00055	-.00209	-.00013
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	.02159	.00103	-.00035	-.00044	.00678	.00006	.05060
Stddev	.00005	.02742	.00008	.00014	.00017	.00278	.00008	.00600
%RSD	125.00	127.03	7.9553	39.489	39.443	41.074	127.89	11.862
#1	-.00000	.04098	.00097	-.00025	-.00056	.00875	.00001	.04635
#2	-.00008	.00220	.00109	-.00045	-.00032	.00481	.00012	.05484
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00316	.00103	F 303.16	.00006	.00327	.18885	.00041	F .16994
Stddev	.00008	.00022	.80	.00034	.00013	.03124	.00004	.00555
%RSD	2.4704	21.390	.26309	564.89	4.0645	16.545	9.0165	3.2686
#1	.00322	.00087	303.72	.00030	.00336	.21094	.00043	.16601
#2	.00311	.00118	302.59	-.00018	.00317	.16675	.00038	.17387
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05496	.00716	.00157	-.00264	-.00162	.0018	.00016	F 1.7844
Stddev	.00056	.00151	.00017	.00065	.00090	.0008	.00003	.1731
%RSD	1.0200	21.161	10.633	24.660	55.338	47.26	19.544	9.7029
#1	.05456	.00823	.00168	-.00218	-.00226	.0012	.00018	1.9068
#2	.05535	.00609	.00145	-.00310	-.00099	.0024	.00014	1.6619



Sample Name: PB115056TB Acquired: 11/26/2018 17:25:31 Type: Unk
Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .84720
Stddev .72170
%RSD 85.187

#1 .33688
#2 1.3575

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2929.2	41410.	4133.8	93.330	3048.2
Stddev	.2	139.	36.7	.984	4.4
%RSD	.00516	.33606	.88846	1.0538	.14278

#1	2929.3	41311.	4107.9	92.634	3045.1
#2	2929.1	41508.	4159.8	94.025	3051.3



Sample Name: PB115062BL Acquired: 11/26/2018 17:29:41 Type: Unk
Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB115062BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00042	.00123	-.00090	-.00119	-.00079	-.00896	-.00168
Stddev	.00153	.00156	.00018	.00167	.00039	.00706	.00043
%RSD	363.67	127.62	20.213	140.77	49.714	78.790	25.682

#1	-.00150	.00012	-.00103	-.00237	-.00107	-.01396	-.00199
#2	.00066	.00233	-.00077	-.00001	-.00051	-.00397	-.00138

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	.00000	.01170	-.00012	.00005	-.00015	.00081
Stddev	.00000	.00002	.00844	.00007	.00009	.00010	.01040
%RSD	71.264	544.24	72.122	54.250	186.47	66.039	1282.8

#1	.00000	.00002	.00573	-.00017	-.00001	-.00008	-.00655
#2	.00000	-.00001	.01767	-.00008	.00011	-.00022	.00817

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	.04225	.00100	-.00016	-.11573	-.00001	.00300
Stddev	.00001	.03492	.00005	.00030	.00143	.00011	.00004
%RSD	16.760	82.653	5.3172	182.48	1.2342	1704.4	1.2307

#1	-.00009	.06694	.00103	-.00037	-.11674	.00007	.00303
#2	-.00007	.01756	.00096	.00005	-.11472	-.00008	.00298

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15026	.00003	F .14360	F .03423	-.00169	-.00006	-.00268
Stddev	.00634	.00015	.01315	.00768	.00245	.00059	.00107
%RSD	4.2213	589.67	9.1549	22.447	144.81	983.06	40.119

#1	.14577	-.00008	.13430	.02880	-.00342	-.00048	-.00344
#2	.15474	.00013	.15289	.03966	.00004	.00036	-.00192



Sample Name: PB115062BL Acquired: 11/26/2018 17:29:41 Type: Unk
Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB115062BL Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00072	.0013	.00009	F .14307	F<.00000
Stddev	.00051	.0009	.00006	.26485	.79229
%RSD	71.423	67.31	62.521	185.11	7902.8
#1	.00108	.0007	.00013	.33035	-.57026
#2	.00036	.0019	.00005	-.04420	.55021
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3173.5	45312.	4184.8	98.605	3529.6
Stddev	.6	61.	200.8	4.689	10.7
%RSD	.01939	.13373	4.7987	4.7558	.30276
#1	3173.0	45354.	4326.8	101.92	3537.1
#2	3173.9	45269.	4042.8	95.289	3522.0



Sample Name: PB115062TB Acquired: 11/26/2018 17:37:38 Type: Unk
Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00125	-.00167	-.00276	.00298	-.00054	-.00245	-.00267	-.00008
Stddev	.00221	.00059	.00158	.00303	.00100	.00307	.00019	.00002
%RSD	177.03	35.475	57.326	101.70	184.55	125.15	7.1858	27.083

#1	-.00281	-.00125	-.00388	.00084	-.00124	-.00462	-.00254	-.00009
#2	.00031	-.00209	-.00164	.00513	.00016	-.00028	-.00281	-.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	.02107	.00039	-.00023	-.00084	.01680	.00010	.04202
Stddev	.00000	.01147	.00003	.00001	.00004	.00418	.00002	.00152
%RSD	.83137	54.431	7.0900	6.1391	5.3431	24.889	25.733	3.6178

#1	-.00013	.02917	.00041	-.00024	-.00081	.01975	.00011	.04095
#2	-.00013	.01296	.00037	-.00022	-.00087	.01384	.00008	.04310

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00233	.00156	F 262.88	-.00026	.00263	.14625	.00044	F .12430
Stddev	.00029	.00042	.27	.00006	.00002	.00904	.00013	.00377
%RSD	12.385	26.975	.10425	22.581	.60907	6.1808	30.579	3.0294

#1	.00212	.00126	262.69	-.00022	.00262	.13986	.00034	.12696
#2	.00253	.00185	263.08	-.00030	.00264	.15264	.00053	.12164

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02627	.00644	.00116	-.00445	-.00211	.0023	.00003	F 1.5735
Stddev	.00560	.00294	.00030	.00038	.00000	.0008	.00002	.0115
%RSD	21.312	45.616	25.782	8.6402	.14532	36.41	54.303	.73000

#1	.03023	.00851	.00137	-.00418	-.00210	.0017	.00005	1.5654
#2	.02232	.00436	.00095	-.00472	-.00211	.0028	.00002	1.5816



Sample Name: PB115062TB Acquired: 11/26/2018 17:37:38 Type: Unk
Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.0951
Stddev .5517
%RSD 50.385

#1 1.4852
#2 .70493

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2950.7	42019.	4153.9	93.585	3076.6
Stddev	9.0	17.	5.5	.329	3.9
%RSD	.30373	.04146	.13332	.35203	.12745

#1	2944.4	42007.	4157.8	93.352	3073.9
#2	2957.1	42031.	4150.0	93.818	3079.4



Sample Name: PB115062BS Acquired: 11/26/2018 17:41:49 Type: Unk
Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB115062BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.74613	1.8647	.90892	1.8471	.79243	1.9136	.20858
Stddev	.00247	.0026	.00150	.0087	.00342	.0003	.00171
%RSD	.33163	.13695	.16491	.47066	.43216	.01659	.82069

#1	.74438	1.8665	.90786	1.8533	.79485	1.9138	.20979
#2	.74788	1.8629	.90998	1.8410	.79001	1.9133	.20737

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18062	.17801	1.0266	.39254	.19125	.30622	2.9695
Stddev	.00021	.00033	.0442	.00112	.00013	.00083	.0366
%RSD	.11734	.18396	4.3083	.28448	.06746	.27234	1.2339

#1	.18077	.17824	.99534	.39175	.19116	.30563	2.9436
#2	.18047	.17778	1.0579	.39333	.19134	.30681	2.9954

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20241	2.0339	.47063	.06582	2.8278	.29512	.19656
Stddev	.00019	.0337	.00032	.00002	.0122	.00202	.00164
%RSD	.09483	1.6550	.06822	.03266	.43049	.68286	.83627

#1	.20227	2.0101	.47041	.06581	2.8192	.29369	.19540
#2	.20254	2.0577	.47086	.06584	2.8364	.29654	.19772

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.7494	.43457	F .40604	F .01506	.89247	.64785	.20308
Stddev	.0120	.00007	.00063	.00137	.00527	.00097	.00048
%RSD	.12323	.01607	.15593	9.1290	.59062	.15001	.23401

#1	9.7409	.43452	.40560	.01409	.89619	.64716	.20274
#2	9.7579	.43462	.40649	.01603	.88874	.64854	.20342



Sample Name: PB115062BS Acquired: 11/26/2018 17:41:49 Type: Unk
Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB115062BS Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19925	5.081	.20025	F<.00000	F<.00000
Stddev	.00032	.004	.00018	.08454	.56391
%RSD	.15905	.0874	.08914	279.21	57.941

#1	.19947	5.084	.20038	.02950	-1.3720
#2	.19902	5.078	.20013	-.09006	-.57451

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3121.0	45245.	4162.4	96.139	3437.1
Stddev	12.2	62.	24.5	.543	6.8
%RSD	.39025	.13669	.58794	.56500	.19908

#1	3112.4	45289.	4145.1	96.523	3432.3
#2	3129.6	45201.	4179.7	95.755	3442.0



Sample Name: CCV06 Acquired: 11/26/2018 17:45:40 Type: Unk
Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.3261	5.2531	5.1741	5.3910	5.4027	10.561	10.720	.26129
Stddev	.0097	.0109	.0014	.0011	.0068	.024	.013	.00014
%RSD	.18150	.20777	.02622	.02012	.12653	.22996	.12493	.05467
#1	5.3193	5.2454	5.1751	5.3918	5.4076	10.544	10.711	.26139
#2	5.3330	5.2608	5.1731	5.3902	5.3979	10.578	10.730	.26119
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5693	26.338	1.0904	2.5921	1.3377	5.2504	2.5887	25.367
Stddev	.0017	.096	.0014	.0031	.0013	.0487	.0047	.146
%RSD	.06747	.36353	.13256	.12049	.09734	.92738	.18013	.57729
#1	2.5705	26.270	1.0914	2.5943	1.3386	5.2848	2.5854	25.264
#2	2.5680	26.406	1.0894	2.5899	1.3368	5.2160	2.5920	25.471
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5797	1.2628	25.667	2.7392	2.6559	27.357	5.3284	5.2068
Stddev	.0040	.0031	.055	.0007	.0389	.115	.0028	.0446
%RSD	.15420	.24572	.21569	.02565	1.4646	.42088	.05218	.85729
#1	2.5825	1.2606	25.628	2.7397	2.6834	27.276	5.3303	5.1752
#2	2.5769	1.2650	25.707	2.7387	2.6284	27.439	5.3264	5.2383
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2273	5.1088	5.1304	5.2213	5.1869	5.257	5.2632	F 3.0325
Stddev	.0092	.0376	.0030	.0148	.0113	.018	.0072	.2498
%RSD	.17567	.73552	.05831	.28338	.21801	.3435	.13719	8.2377
#1	5.2208	5.0822	5.1283	5.2108	5.1789	5.270	5.2581	2.8558
#2	5.2338	5.1354	5.1326	5.2317	5.1949	5.245	5.2683	3.2091



Sample Name: CCV06 Acquired: 11/26/2018 17:45:40 Type: Unk
 Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 2.9062
 Stddev .1365
 %RSD 4.6956

#1 3.0027
 #2 2.8097

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3041.4	43139.	4187.0	92.507	3110.5
Stddev	5.8	79.	1.2	1.354	4.6
%RSD	.19029	.18421	.02852	1.4639	.14794

#1	3037.3	43083.	4187.8	91.550	3107.3
#2	3045.5	43195.	4186.1	93.465	3113.8



Sample Name: CCB06 Acquired: 11/26/2018 17:49:25 Type: Unk
Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00030	.00211	-.00257	-.00201	-.00031	.00515	-.00147	.00001
Stddev	.00008	.00013	.00071	.00147	.00096	.00093	.00023	.00002
%RSD	27.021	6.3888	27.541	73.387	309.84	18.064	15.548	200.40
#1	-.00024	.00201	-.00307	-.00097	-.00099	.00581	-.00164	.00003
#2	-.00036	.00220	-.00207	-.00305	.00037	.00449	-.00131	-.00001
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.00797	-.00030	.00021	.00015	.00746	-.00003	.01976
Stddev	.00013	.02580	.00063	.00004	.00021	.00531	.00004	.00380
%RSD	211.52	323.77	206.55	17.523	132.64	71.208	123.34	19.254
#1	.00015	.02622	-.00075	.00019	.00030	.00370	-.00000	.02245
#2	-.00003	-.01028	.00014	.00024	.00001	.01122	-.00006	.01707
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00067	-.00005	-.20900	.00026	.00146	.11478	.00078	F .11146
Stddev	.00078	.00025	.00070	.00019	.00024	.02417	.00001	.01213
%RSD	115.16	497.12	.33334	70.726	16.473	21.059	1.1475	10.885
#1	.00122	-.00023	-.20949	.00039	.00163	.09769	.00079	.10288
#2	.00013	.00013	-.20851	.00013	.00129	.13187	.00077	.12004
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01045	-.00176	.00060	-.00408	-.00235	.0017	.00014	F .13646
Stddev	.00041	.00208	.00005	.00037	.00031	.0006	.00003	.14768
%RSD	3.8781	118.11	9.0508	9.1793	13.216	35.25	23.116	108.23
#1	.01074	-.00029	.00056	-.00382	-.00213	.0021	.00012	.03203
#2	.01017	-.00323	.00064	-.00435	-.00257	.0013	.00016	.24088



Sample Name: CCB06 Acquired: 11/26/2018 17:49:25 Type: Unk
 Method: P4-ICP2(v2601) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F .44458
 Stddev .41418
 %RSD 93.162

#1 .15171
 #2 .73745

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3129.0	45604.	4234.5	98.732	3480.3
Stddev	77.4	92.	20.4	.180	88.5
%RSD	2.4728	.20114	.48236	.18230	2.5430

#1	3183.7	45539.	4249.0	98.859	3542.9
#2	3074.3	45669.	4220.1	98.605	3417.7

