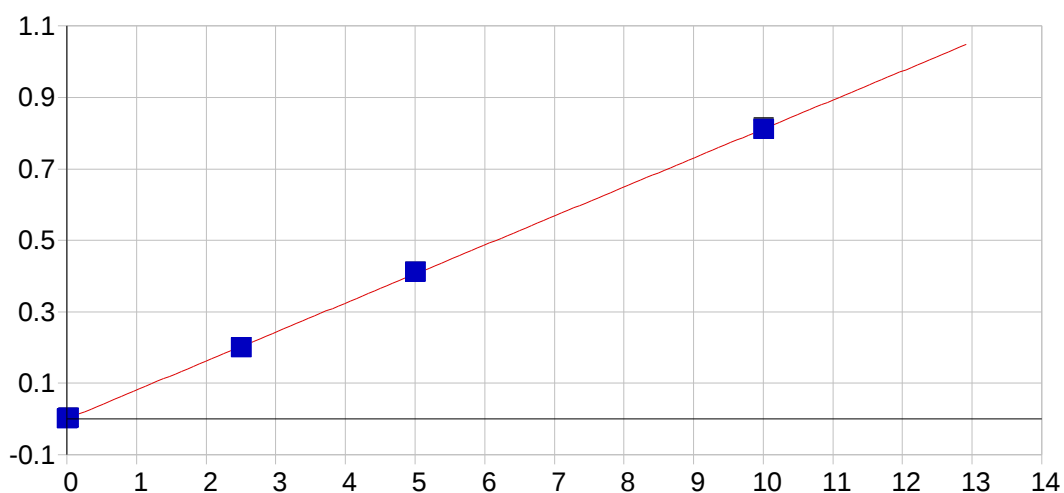


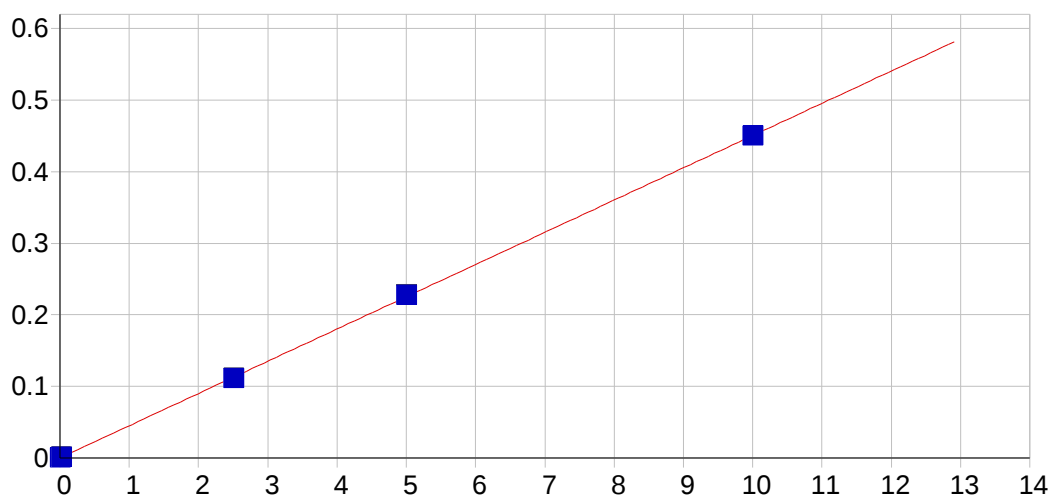


As 189.042 {478}

Date of Fit: 10/22/2018 11:44:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000226 Re-Slope: 1.000000
 A1 (Gain): 0.081181 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999965 Status: OK.
 Std Error of Est: 0.000016
 Predicted MDL: 0.003555
 Predicted MQL: 0.011850

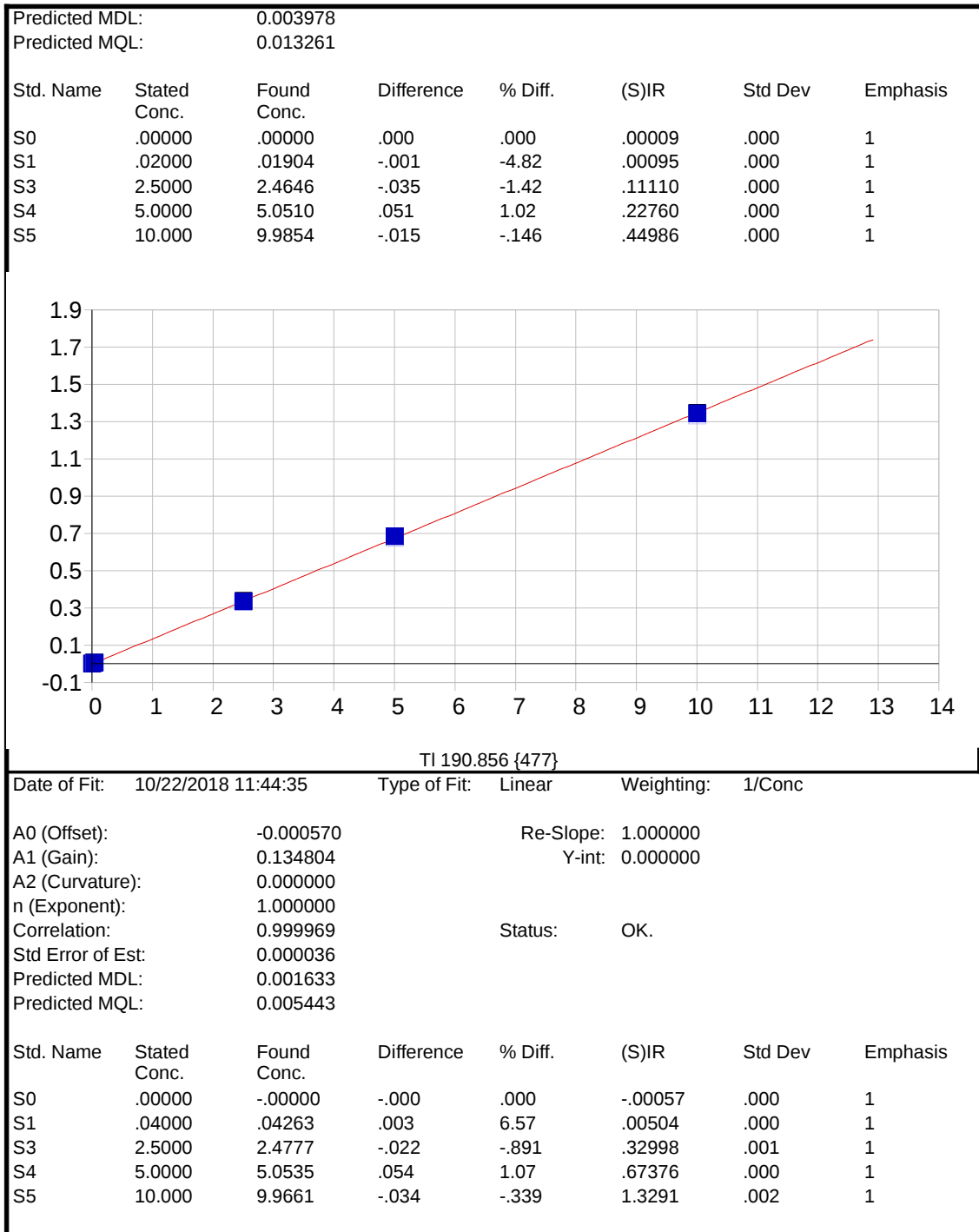
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00023	.000	1
S1	.02000	.01956	-.000	-2.18	.00136	.000	1
S3	2.5000	2.4643	-.036	-1.43	.19982	.000	1
S4	5.0000	5.0575	.058	1.15	.41032	.001	1
S5	10.000	9.9786	-.021	-.214	.80979	.003	1

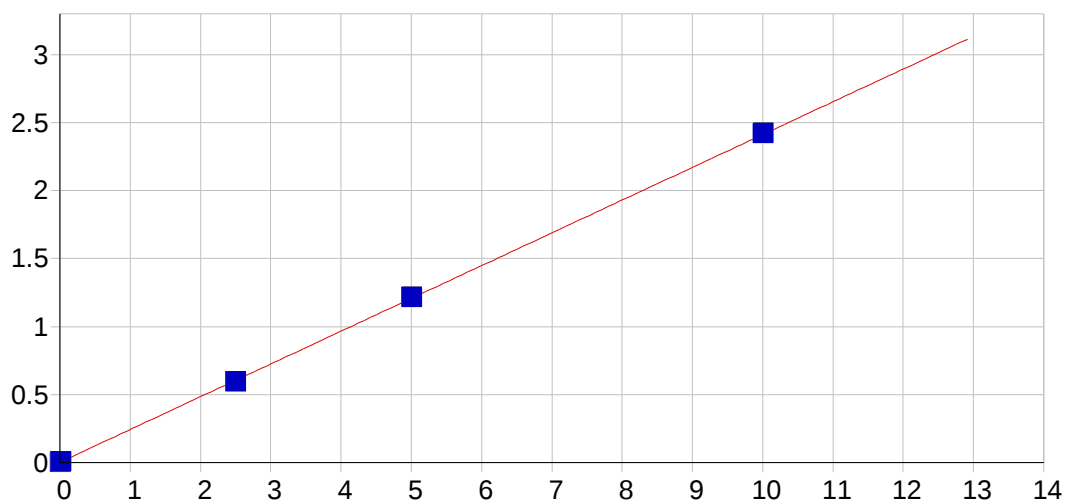


As 189.042 {479}

Date of Fit: 10/22/2018 11:44:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000088 Re-Slope: 1.000000
 A1 (Gain): 0.045042 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999969 Status: OK.
 Std Error of Est: 0.000009



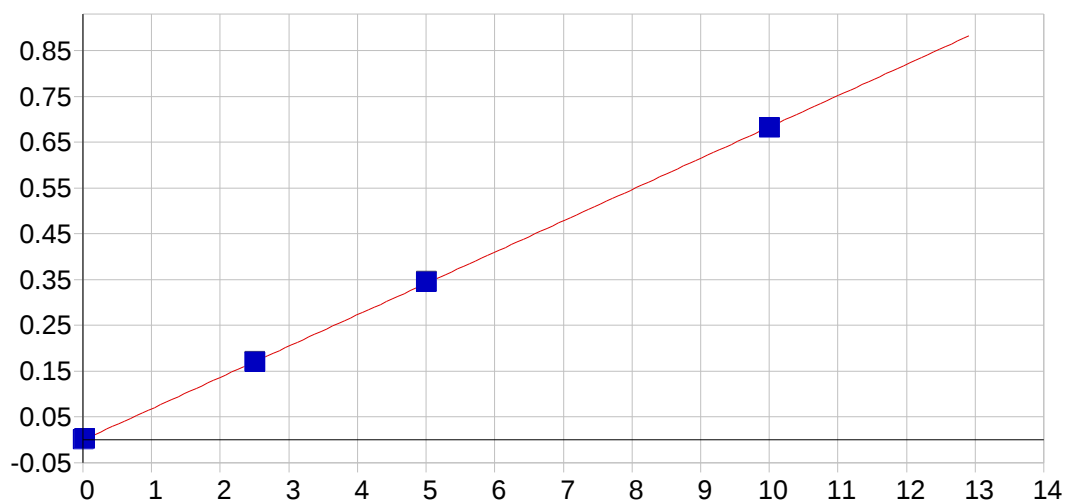


Pb 220.353 {453}

Date of Fit: 10/22/2018 11:44:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002336 Re-Slope: 1.000000
 A1 (Gain): 0.240930 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999954 Status: OK.
 Std Error of Est: 0.000043
 Predicted MDL: 0.001417
 Predicted MQL: 0.004723

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00234	.000	1
S1	.01200	.01353	.002	12.7	.00554	.000	1
S3	2.5000	2.4447	-.055	-2.21	.59050	.001	1
S4	5.0000	5.0236	.024	.471	1.2110	.001	1
S5	10.000	10.030	.030	.303	2.4156	.001	1



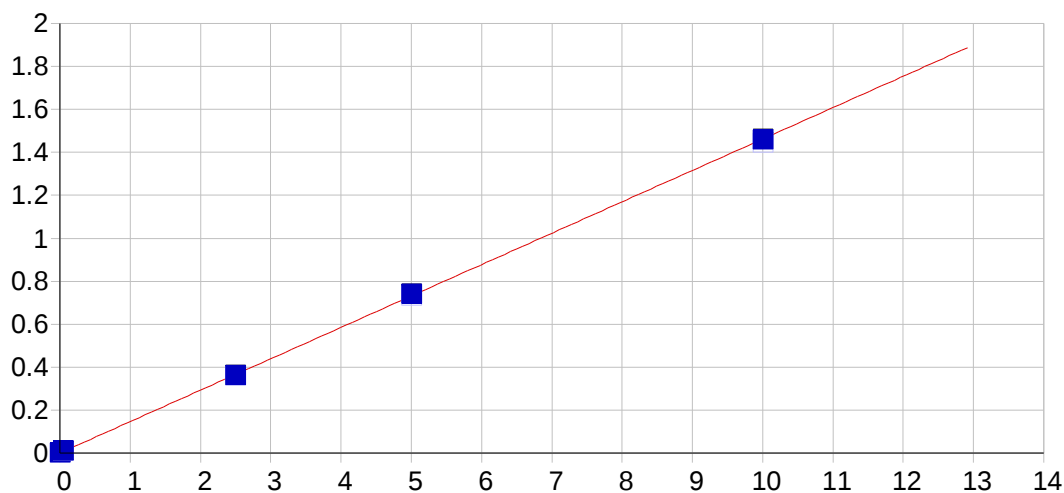
Se 196.090 {472}

Date of Fit: 10/22/2018 11:44:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000270 Re-Slope: 1.000000
 A1 (Gain): 0.068359 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999978 Status: OK.
 Std Error of Est: 0.000011
 Predicted MDL: 0.003891

Predicted MQL: 0.012970

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00027	.000	1
S1	.02000	.02215	.002	10.8	.00124	.000	1
S3	2.5000	2.4905	-.009	-.379	.16996	.000	1
S4	5.0000	5.0438	.044	.875	.34448	.001	1
S5	10.000	9.9636	-.036	-.364	.68075	.001	1

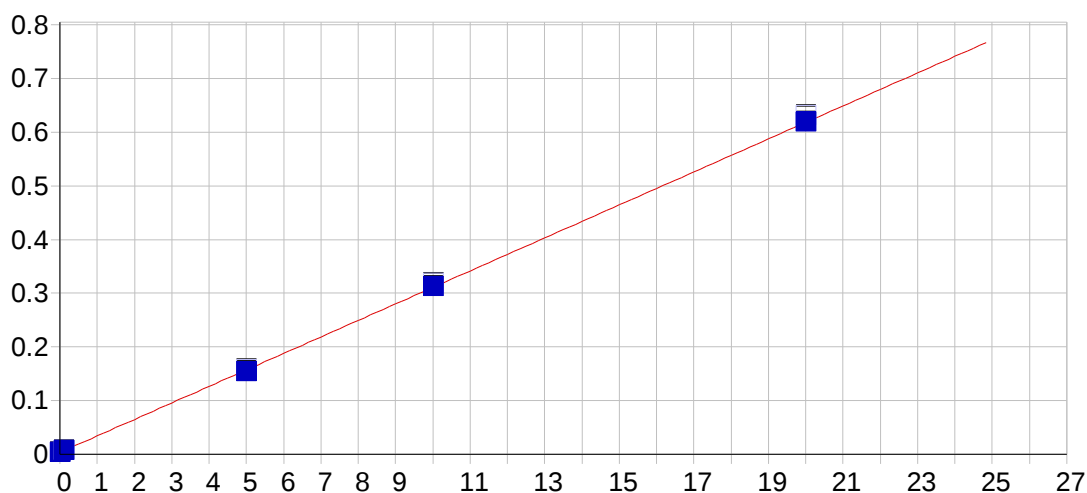


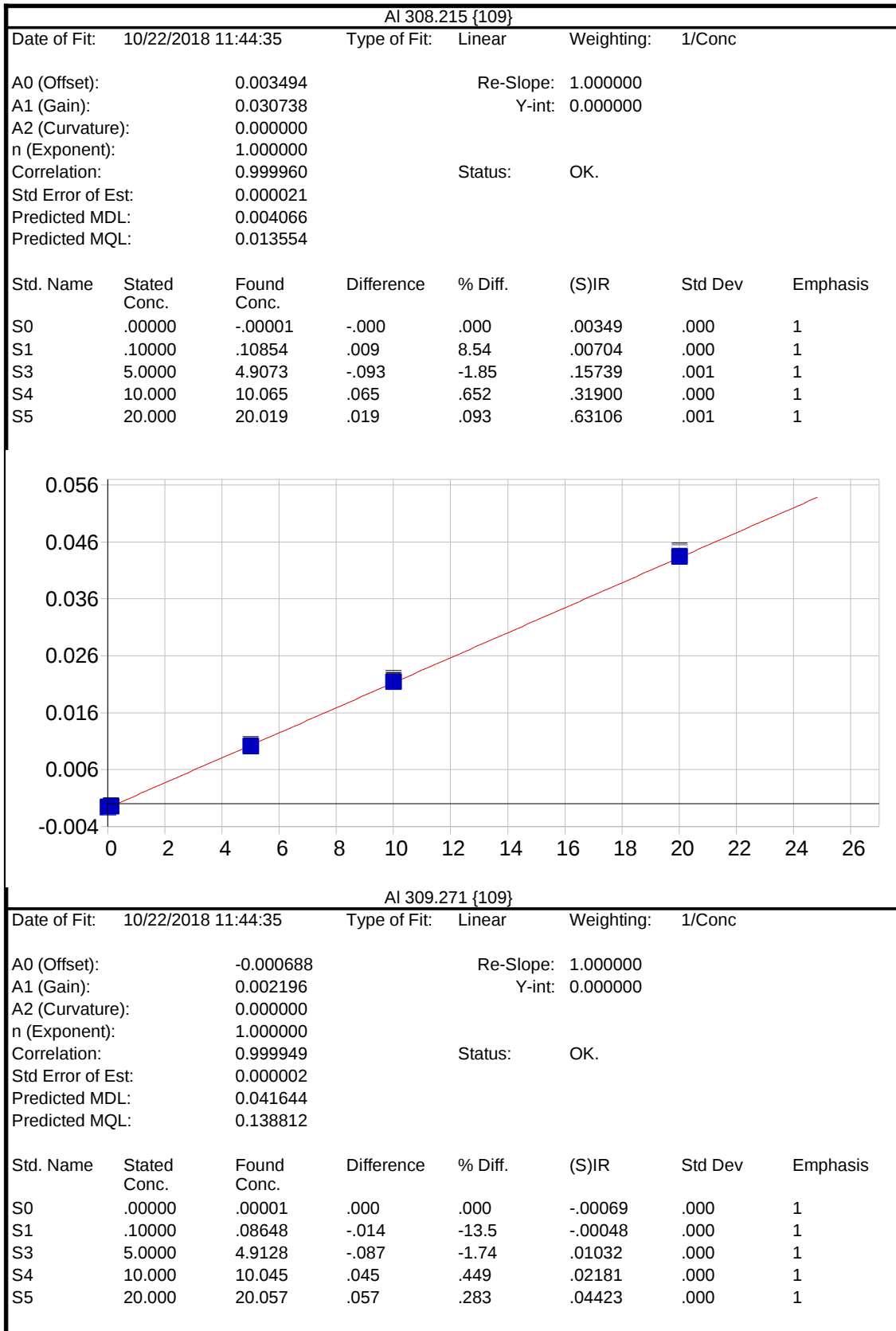
Sb 206.833 {463}

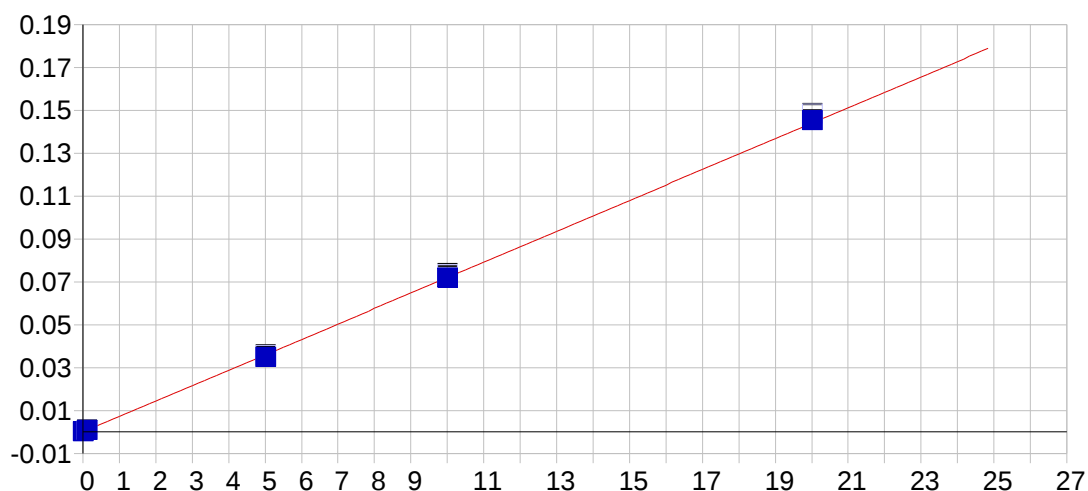
Date of Fit: 10/22/2018 11:44:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000437 Re-Slope: 1.000000
A1 (Gain): 0.146168 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999950 Status: OK.
Std Error of Est: 0.000055
Predicted MDL: 0.002197
Predicted MQL: 0.007322

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00044	.000	1
S1	.05000	.05622	.006	12.4	.00847	.000	1
S3	2.5000	2.4678	-.032	-1.29	.35705	.001	1
S4	5.0000	5.0485	.048	.970	.73015	.001	1
S5	10.000	9.9776	-.022	-.224	1.4424	.000	1





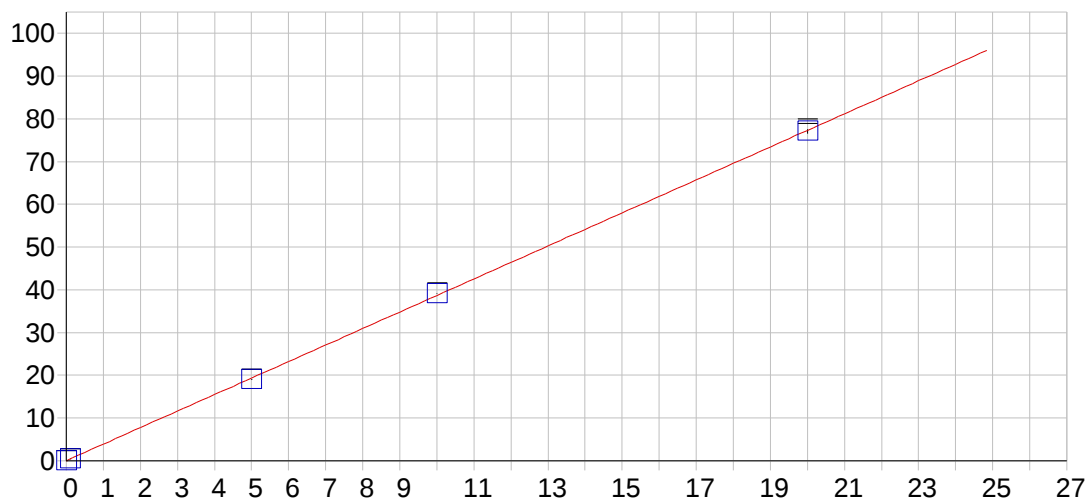


AI 396.152 { 85}

Date of Fit: 10/22/2018 11:44:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000011 Re-Slope: 1.000000
 A1 (Gain): 0.007201 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999909 Status: OK.
 Std Error of Est: 0.000008
 Predicted MDL: 0.018528
 Predicted MQL: 0.061761

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00001	.000	1
S1	.10000	.09391	-.006	-6.09	.00074	.000	1
S3	5.0000	4.8460	-.154	-3.08	.03562	.000	1
S4	10.000	9.9864	-.014	-.136	.07335	.001	1
S5	20.000	20.174	.174	.870	.14814	.000	1



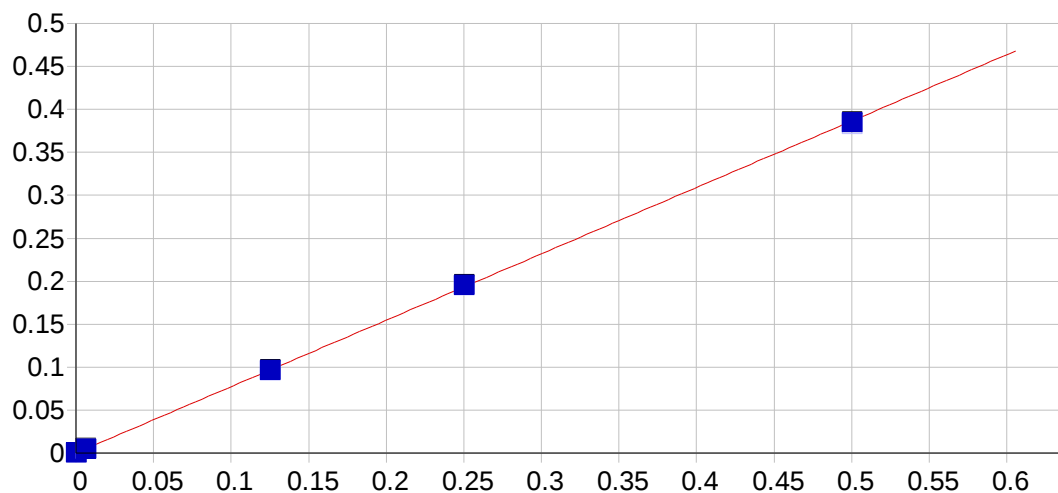
Ba 493.409 { 68}

Date of Fit: 10/22/2018 11:44:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.051428 Re-Slope: 1.000000
 A1 (Gain): 3.863112 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999950 Status: OK.
 Std Error of Est: 0.002952
 Predicted MDL: 0.000853

Predicted MQL: 0.002844

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.05140	.000	1
S1	.10000	.10869	.009	8.69	.47132	.010	1
S3	5.0000	4.9249	-.075	-1.50	19.077	.011	1
S5	20.000	19.945	-.055	-.275	77.102	.533	1
S4	10.000	10.121	.121	1.21	39.151	.065	1

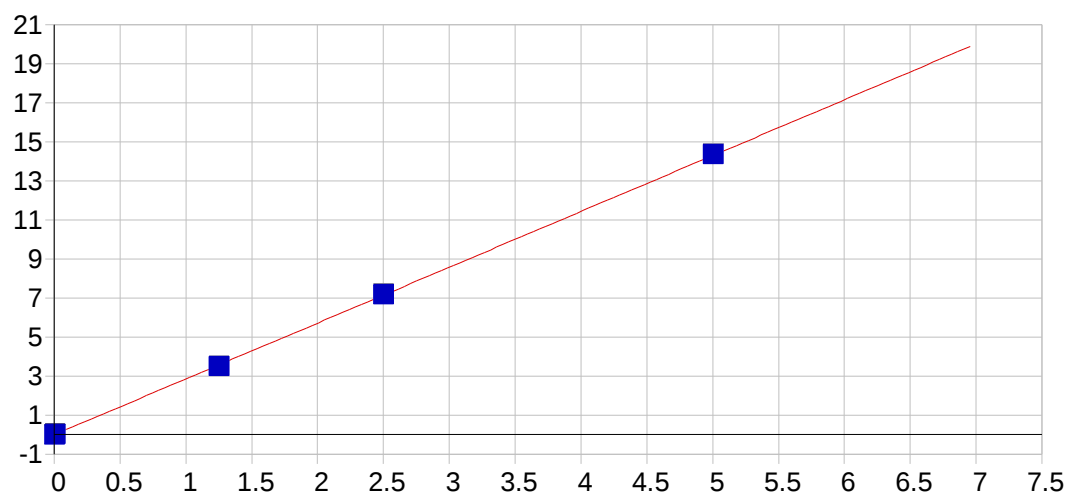


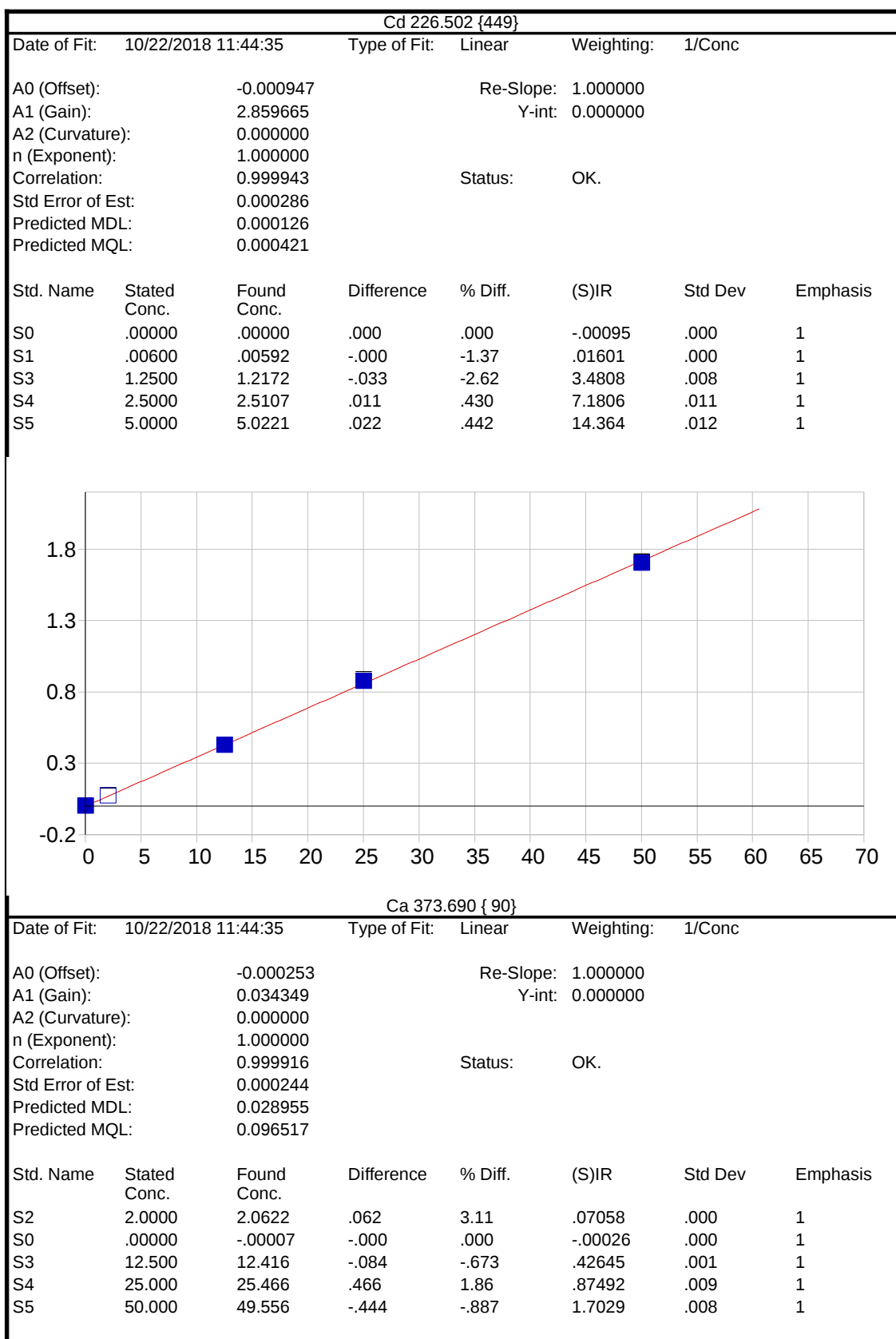
Be 234.861 {144}

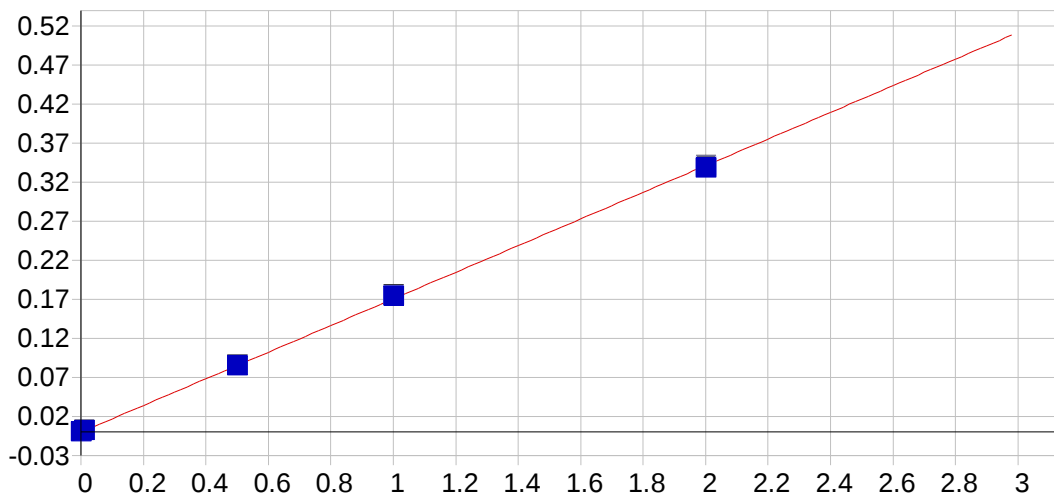
Date of Fit: 10/22/2018 11:44:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000030 Re-Slope: 1.000000
A1 (Gain): 0.772804 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999972 Status: OK.
Std Error of Est: 0.000017
Predicted MDL: 0.000099
Predicted MQL: 0.000328

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00003	.000	1
S1	.00600	.00618	.000	2.94	.00475	.000	1
S3	.12500	.12441	-.001	-.474	.09557	.001	1
S4	.25000	.25272	.003	1.09	.19412	.000	1
S5	.50000	.49770	-.002	-.460	.38222	.001	1





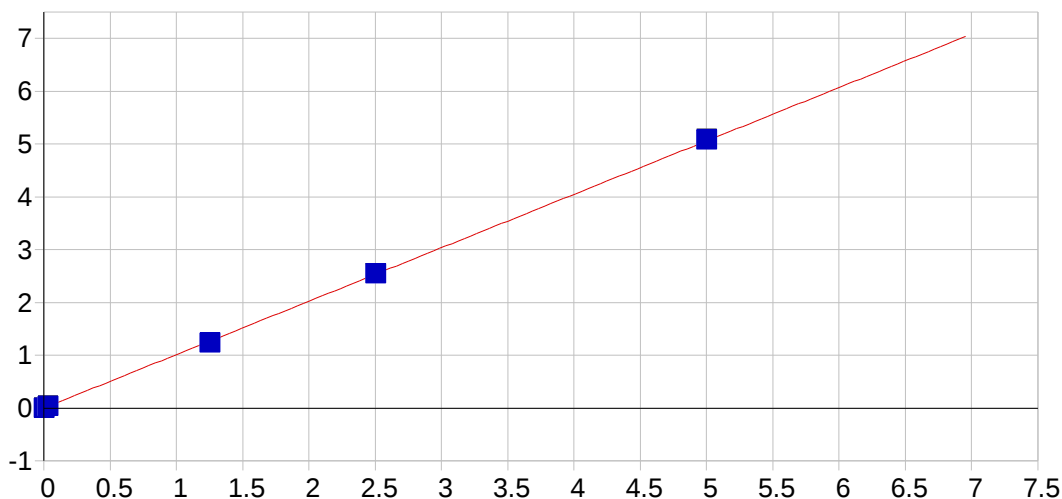


Cr 267.716 {126}

Date of Fit: 10/22/2018 11:44:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000012 Re-Slope: 1.000000
 A1 (Gain): 0.170687 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999913 Status: OK.
 Std Error of Est: 0.000017
 Predicted MDL: 0.000582
 Predicted MQL: 0.001939

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00001	.000	1
S1	.01000	.01074	.001	7.35	.00185	.000	1
S3	.50000	.49901	-.001	-.199	.08582	.000	1
S4	1.0000	1.0195	.019	1.95	.17530	.001	1
S5	2.0000	1.9808	-.019	-.960	.34066	.001	1



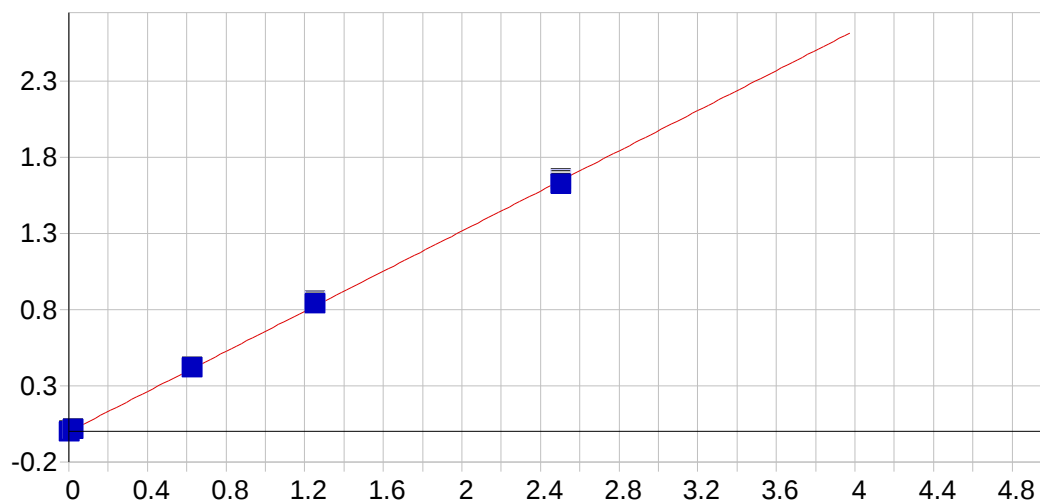
Co 228.616 {447}

Date of Fit: 10/22/2018 11:44:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000294 Re-Slope: 1.000000
 A1 (Gain): 1.011774 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999923 Status: OK.
 Std Error of Est: 0.000263
 Predicted MDL: 0.000324

Predicted MQL: 0.001081

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00030	.000	1
S1	.03000	.03314	.003	10.5	.03303	.000	1
S3	1.2500	1.2164	-.034	-2.68	1.2315	.002	1
S4	2.5000	2.5110	.011	.440	2.5423	.002	1
S5	5.0000	5.0194	.019	.389	5.0822	.003	1

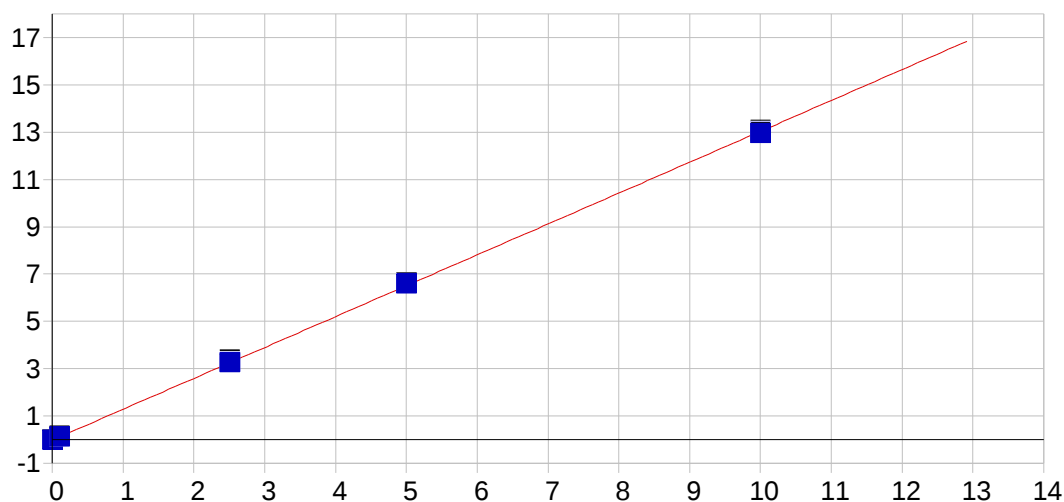


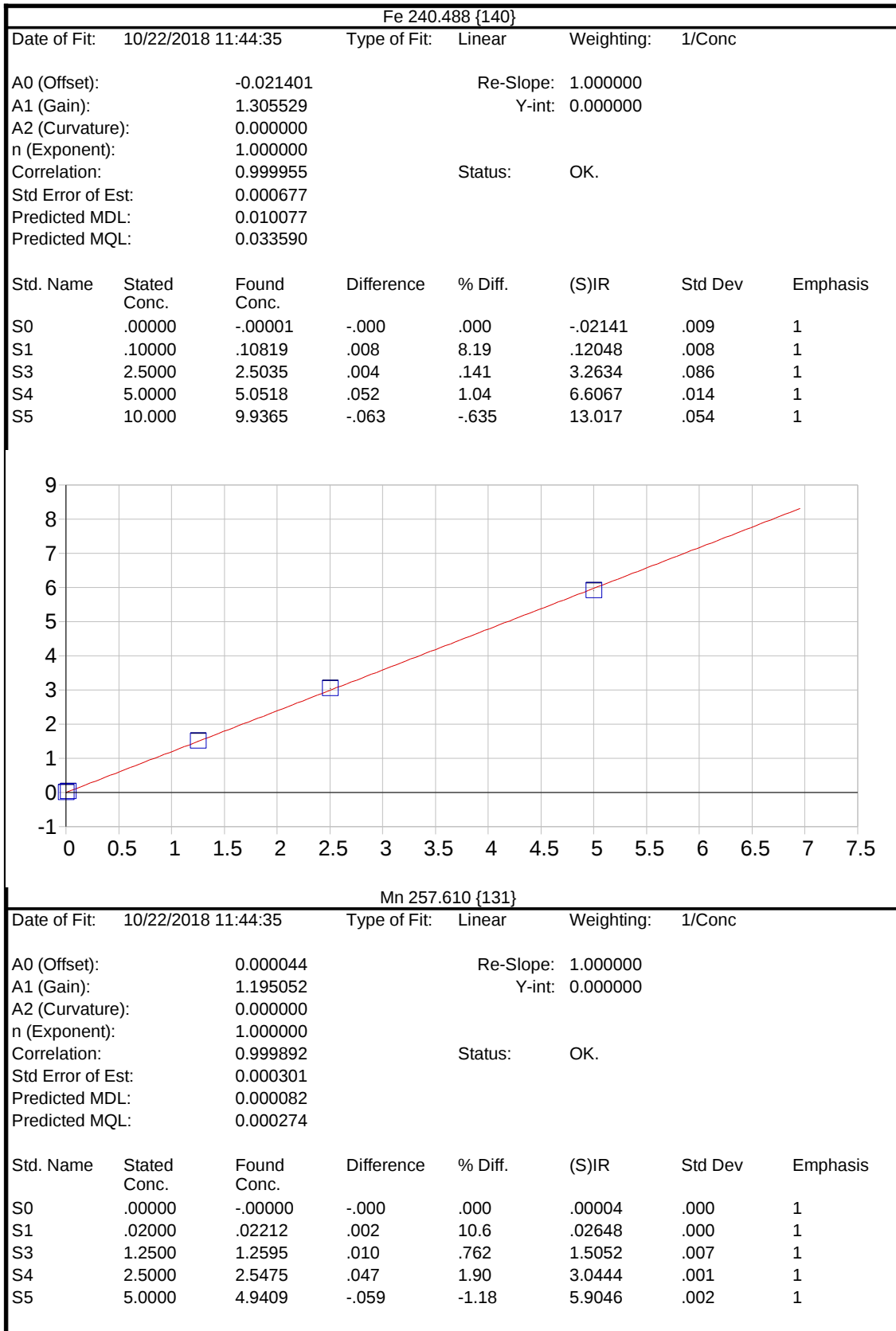
Cu 224.700 {450}

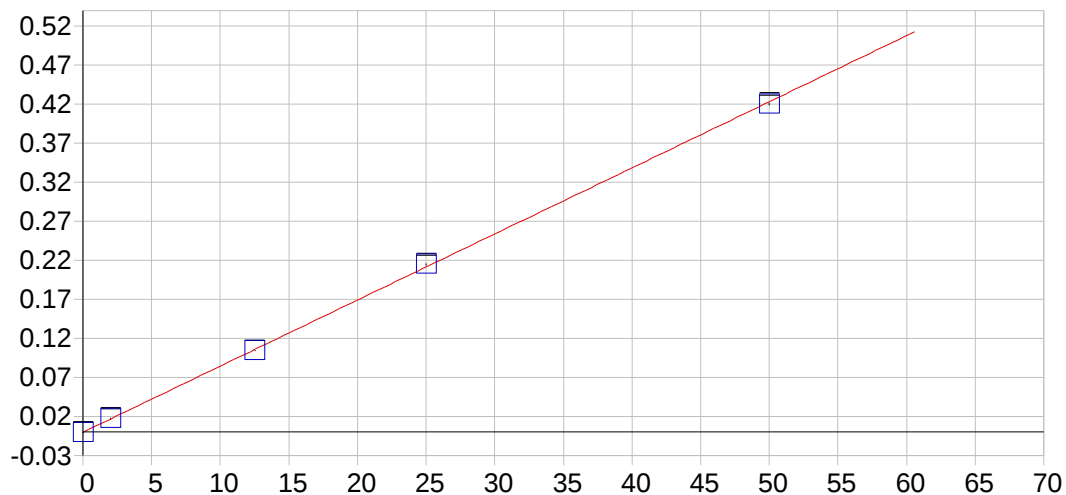
Date of Fit: 10/22/2018 11:44:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000432 Re-Slope: 1.000000
A1 (Gain): 0.658323 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999865 Status: OK.
Std Error of Est: 0.000133
Predicted MDL: 0.000649
Predicted MQL: 0.002164

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00043	.001	1
S1	.02000	.02137	.001	6.84	.01386	.001	1
S3	.62500	.63298	.008	1.28	.42358	.000	1
S4	1.2500	1.2759	.026	2.07	.85414	.001	1
S5	2.5000	2.4648	-.035	-1.41	1.6514	.005	1





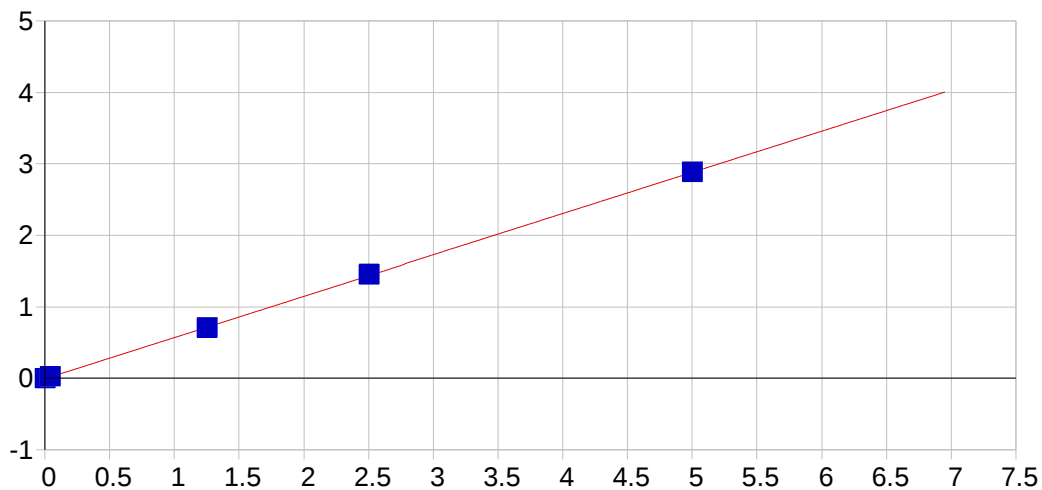


Mg 279.079 {121}

Date of Fit: 10/22/2018 11:44:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000171 Re-Slope: 1.000000
 A1 (Gain): 0.008468 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999925 Status: OK.
 Std Error of Est: 0.000057
 Predicted MDL: 0.057280
 Predicted MQL: 0.190934

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0720	.072	3.60	.01738	.001	1
S0	.00000	-.00007	-.000	.000	-.00017	.001	1
S3	12.500	12.372	-.128	-1.03	.10460	.000	1
S4	25.000	25.418	.418	1.67	.21508	.001	1
S5	50.000	49.638	-.362	-.723	.42019	.001	1



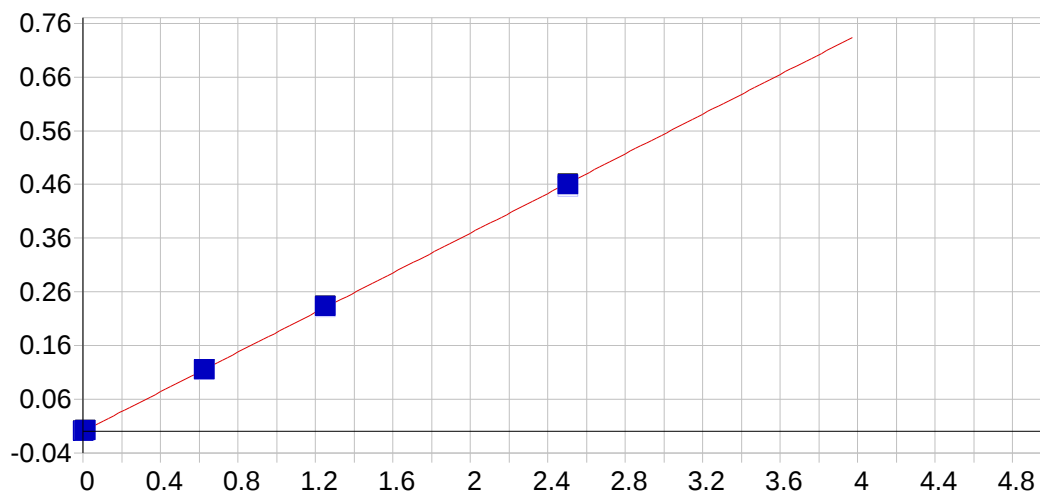
Ni 231.604 {445}

Date of Fit: 10/22/2018 11:44:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.006031 Re-Slope: 1.000000
 A1 (Gain): 0.577315 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999950 Status: OK.
 Std Error of Est: 0.000140
 Predicted MDL: 0.000598

Predicted MQL: 0.001993

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00603	.000	1
S1	.04000	.04407	.004	10.2	.01943	.000	1
S3	1.2500	1.2285	-.022	-1.72	.70397	.000	1
S4	2.5000	2.5150	.015	.598	1.4475	.002	1
S5	5.0000	5.0025	.003	.050	2.8851	.002	1

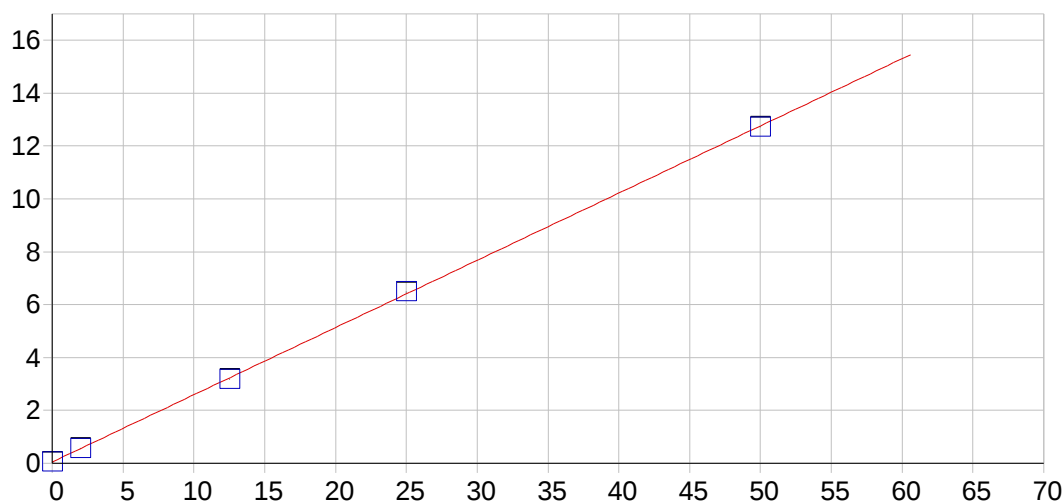


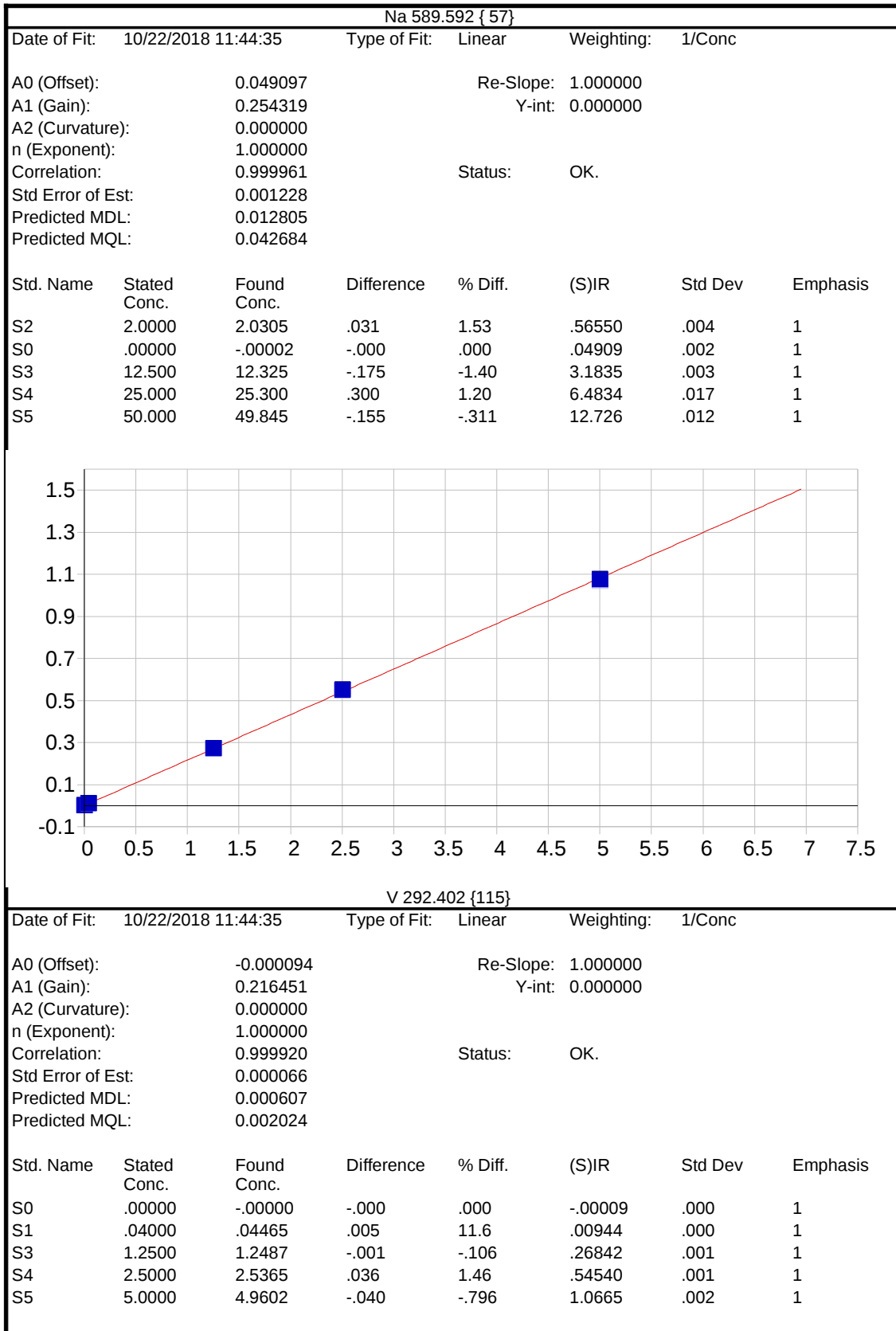
Ag 328.068 {103}

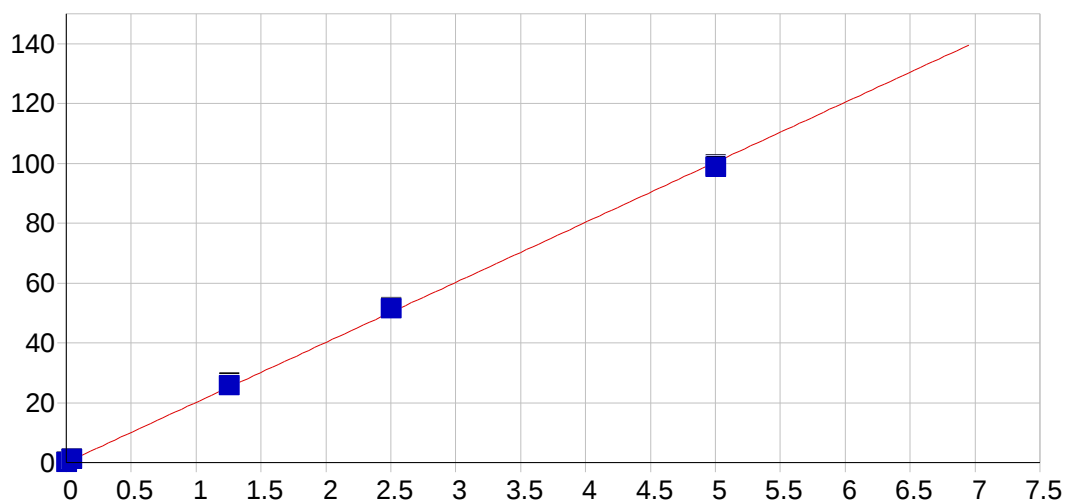
Date of Fit: 10/22/2018 11:44:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000034 Re-Slope: 1.000000
A1 (Gain): 0.184658 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999980 Status: OK.
Std Error of Est: 0.000010
Predicted MDL: 0.000816
Predicted MQL: 0.002720

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00003	.000	1
S1	.01000	.01048	.000	4.76	.00193	.000	1
S3	.62500	.62376	-.001	-.198	.11391	.000	1
S4	1.2500	1.2613	.011	.906	.23033	.000	1
S5	2.5000	2.4894	-.011	-.423	.45449	.001	1





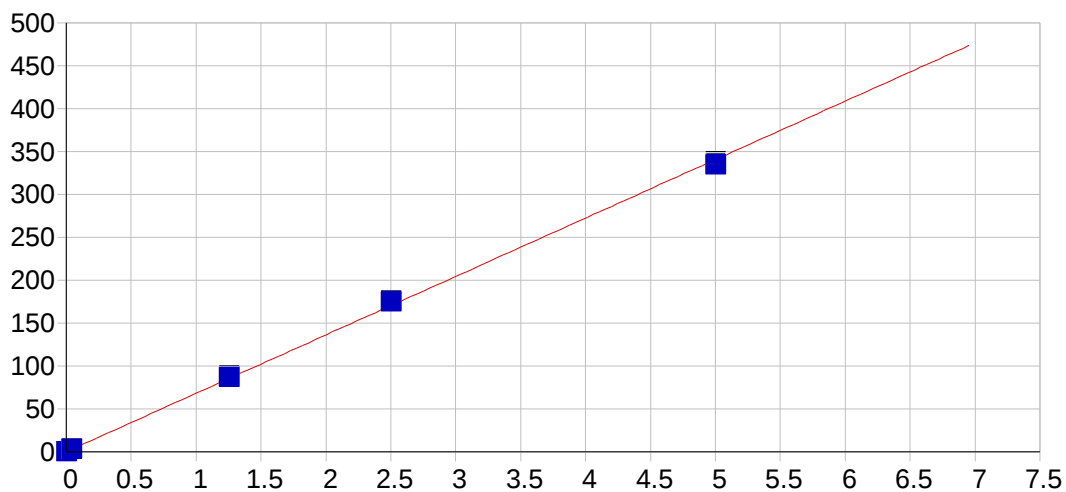


Zn 206.200 {163}

Date of Fit: 10/22/2018 11:44:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.031477 Re-Slope: 1.000000
 A1 (Gain): 20.066417 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999746 Status: OK.
 Std Error of Est: 0.011021
 Predicted MDL: 0.000758
 Predicted MQL: 0.002526

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.03132	.018	1
S1	.04000	.04685	.007	17.1	.97679	.011	1
S3	1.2500	1.2755	.026	2.04	25.778	.787	1
S4	2.5000	2.5562	.056	2.25	51.630	.117	1
S5	5.0000	4.9114	-.089	-1.77	99.192	.350	1



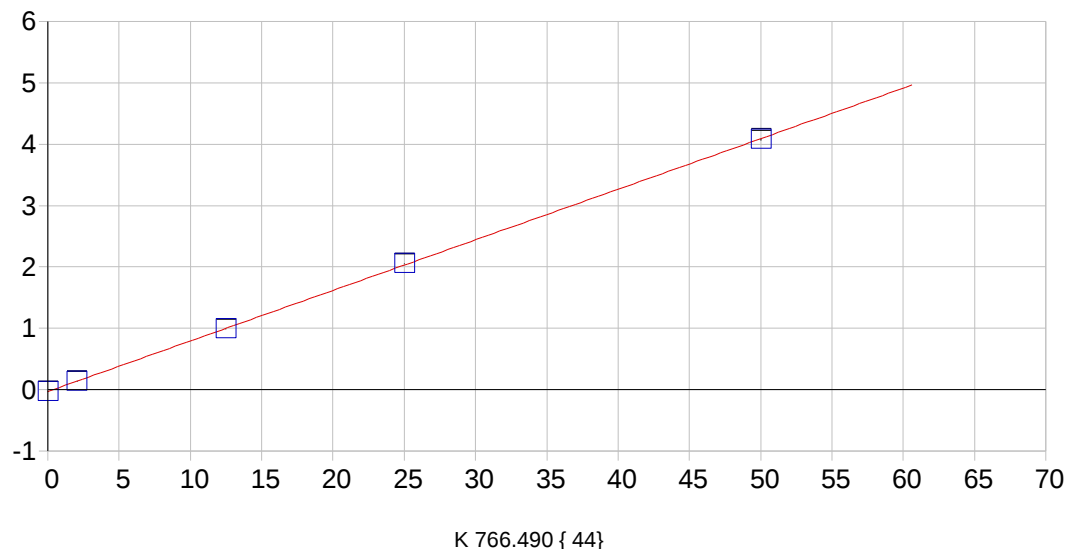
Zn 213.856 {458}

Date of Fit: 10/22/2018 11:44:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.077162 Re-Slope: 1.000000
 A1 (Gain): 68.113724 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999742 Status: OK.
 Std Error of Est: 0.037701
 Predicted MDL: 0.000114

Predicted MQL: 0.000378

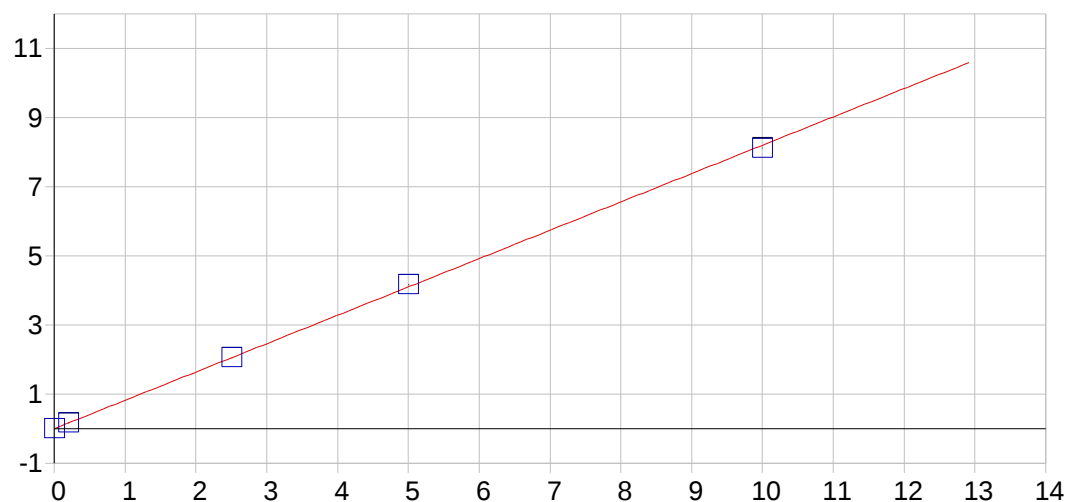
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.07664	.001	1
S1	.04000	.04672	.007	16.8	3.2774	.021	1
S3	1.2500	1.2706	.021	1.65	87.140	1.29	1
S4	2.5000	2.5619	.062	2.48	175.61	.380	1
S5	5.0000	4.9107	-.089	-1.79	336.62	1.42	1



Date of Fit: 10/22/2018 11:44:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.030109 Re-Slope: 1.000000
 A1 (Gain): 0.082395 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999966 Status: OK.
 Std Error of Est: 0.000371
 Predicted MDL: 0.048005
 Predicted MQL: 0.160017

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0158	.016	.790	.13598	.002	1
S0	.00000	-.00001	-.000	.000	-.03011	.004	1
S3	12.500	12.353	-.147	-1.18	.98773	.001	1
S4	25.000	25.303	.303	1.21	2.0547	.004	1
S5	50.000	49.829	-.171	-.343	4.0755	.019	1

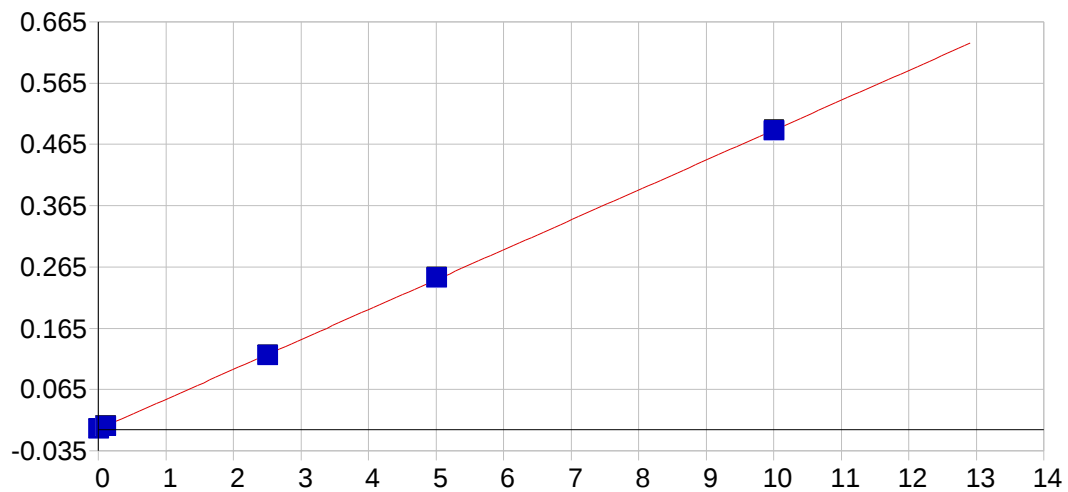


Mo 202.030 {467}

Date of Fit: 10/22/2018 11:44:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000110 Re-Slope: 1.000000
 A1 (Gain): 0.820059 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999915 Status: OK.
 Std Error of Est: 0.000822
 Predicted MDL: 0.000359
 Predicted MQL: 0.001197

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00010	.000	1
S1	.20000	.20927	.009	4.63	.17172	.001	1
S3	2.5000	2.5125	.012	.499	2.0605	.001	1
S4	5.0000	5.0840	.084	1.68	4.1693	.003	1
S5	10.000	9.8943	-.106	-1.06	8.1140	.009	1

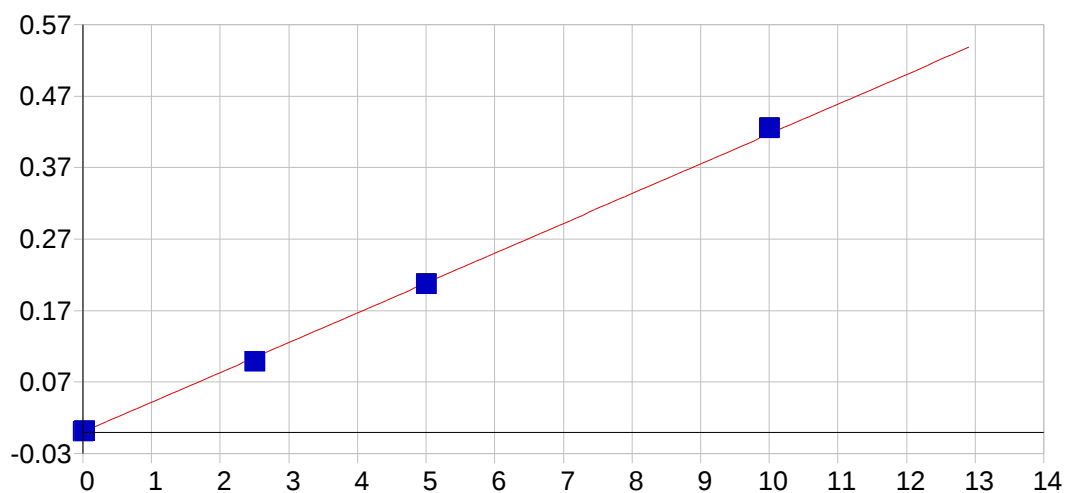


B 249.678 {135}

Date of Fit: 10/22/2018 11:44:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000089 Re-Slope: 1.000000
 A1 (Gain): 0.048803 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999963 Status: OK.
 Std Error of Est: 0.000023
 Predicted MDL: 0.009260
 Predicted MQL: 0.030866

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00009	.000	1
S1	.10000	.10421	.004	4.21	.00515	.000	1
S3	2.5000	2.4622	-.038	-1.51	.11997	.000	1
S4	5.0000	5.0506	.051	1.01	.24600	.001	1
S5	10.000	9.9830	-.017	-.170	.48615	.002	1

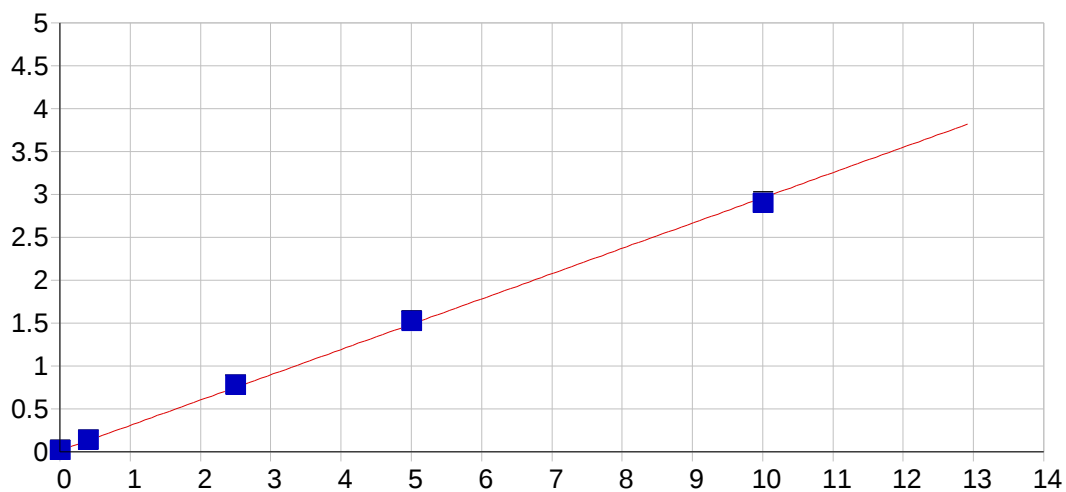


Si 182.034 {485}

Date of Fit: 10/22/2018 11:44:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000082 Re-Slope: 1.000000
 A1 (Gain): 0.041687 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999657 Status: OK.
 Std Error of Est: 0.000026
 Predicted MDL: 0.004348
 Predicted MQL: 0.014494

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00008	.000	1
S1	.02000	.02127	.001	6.33	.00094	.000	1
S3	2.5000	2.3593	-.141	-5.63	.09832	.000	1
S4	5.0000	4.9518	-.048	-.964	.20627	.001	1
S5	10.000	10.188	.188	1.88	.42431	.000	1



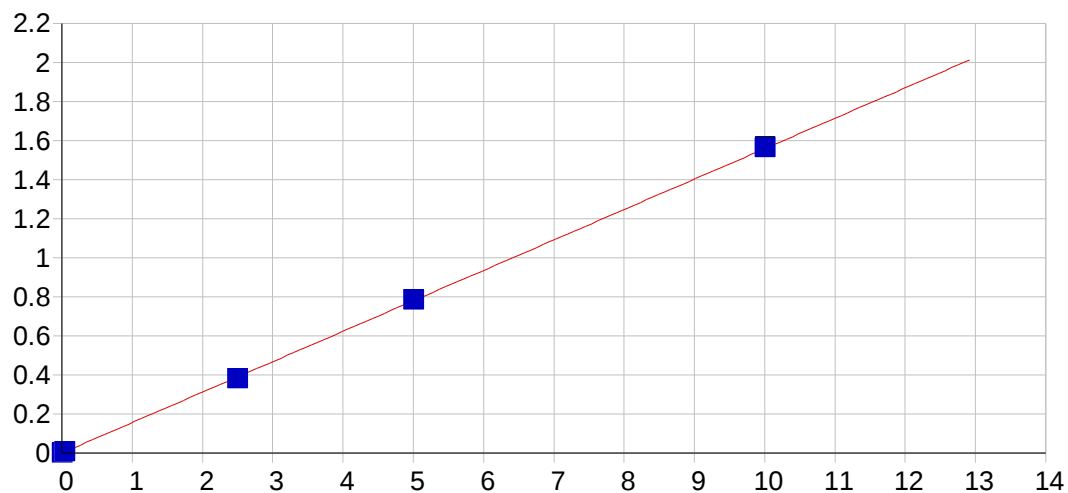
Si 288.158 {117}

Date of Fit: 10/22/2018 11:44:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.013652 Re-Slope: 1.000000
 A1 (Gain): 0.294680 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999698 Status: OK.
 Std Error of Est: 0.000790
 Predicted MDL: 0.003711

Predicted MQL: 0.012370

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.01364	.001	1
S1	.40000	.41147	.011	2.87	.13481	.002	1
S3	2.5000	2.5933	.093	3.73	.77744	.001	1
S4	5.0000	5.1095	.109	2.19	1.5185	.001	1
S5	10.000	9.7858	-.214	-2.14	2.8958	.011	1

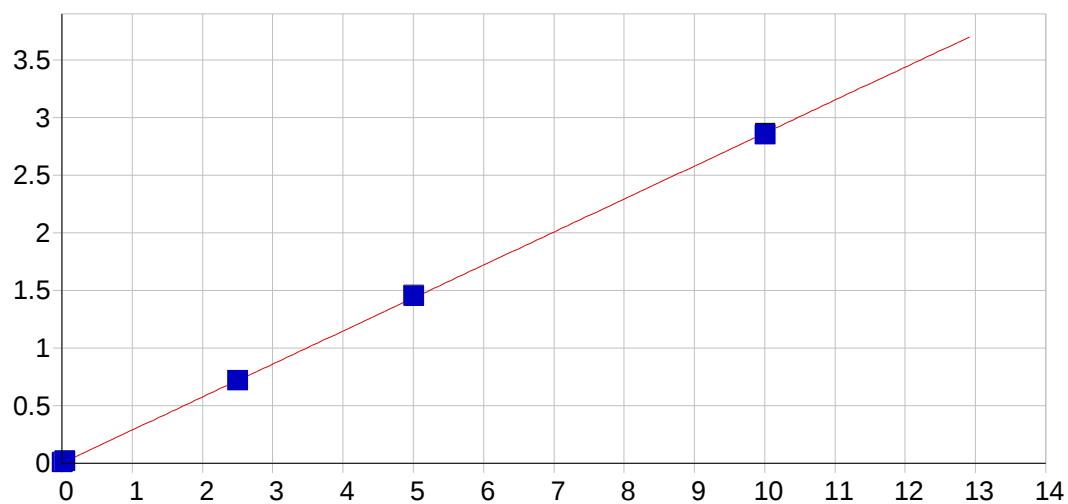


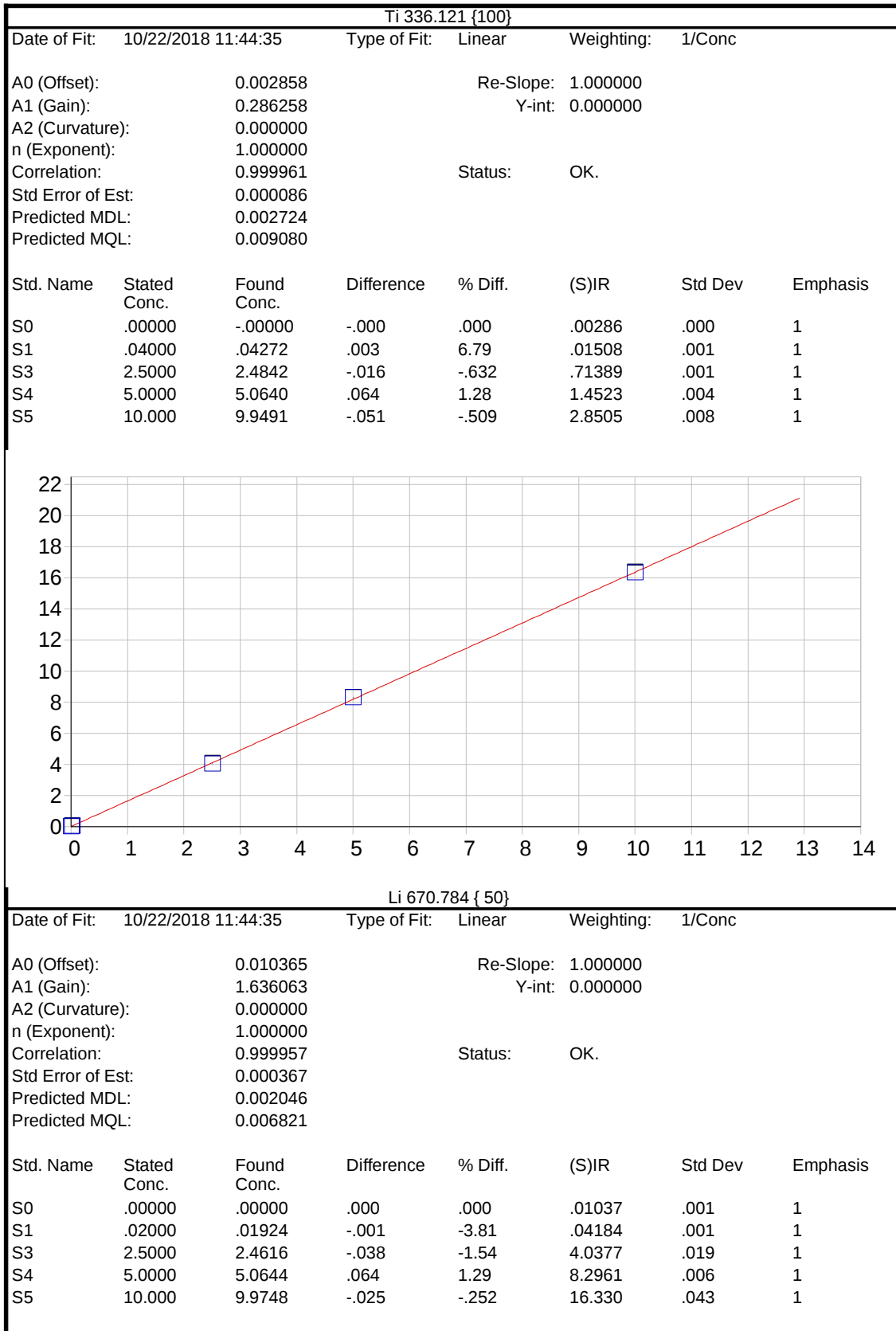
Sn 189.989 {477}

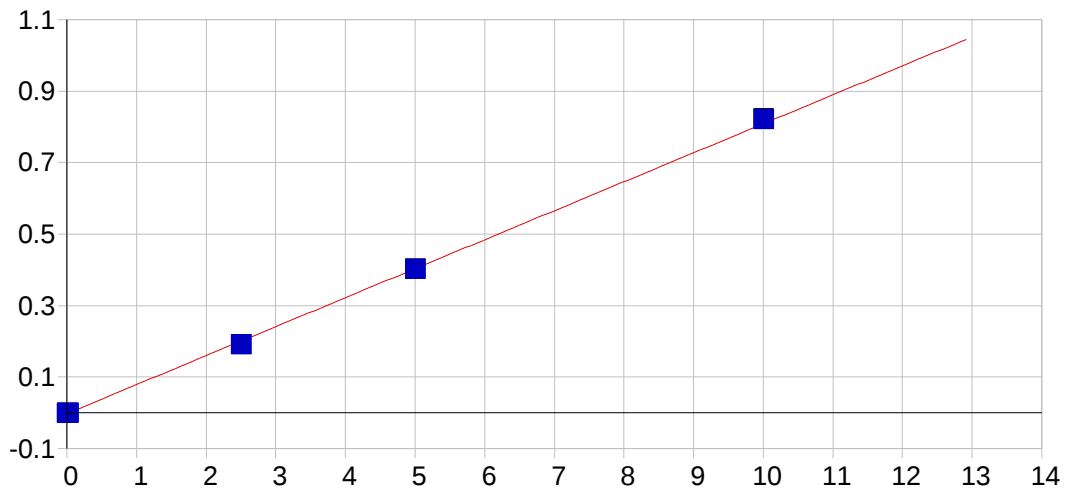
Date of Fit: 10/22/2018 11:44:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000379 Re-Slope: 1.000000
A1 (Gain): 0.155831 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999926 Status: OK.
Std Error of Est: 0.000065
Predicted MDL: 0.001044
Predicted MQL: 0.003480

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00038	.000	1
S1	.04000	.04303	.003	7.58	.00708	.000	1
S3	2.5000	2.4284	-.072	-2.86	.37887	.000	1
S4	5.0000	5.0291	.029	.582	.78421	.001	1
S5	10.000	10.039	.039	.395	1.5651	.001	1





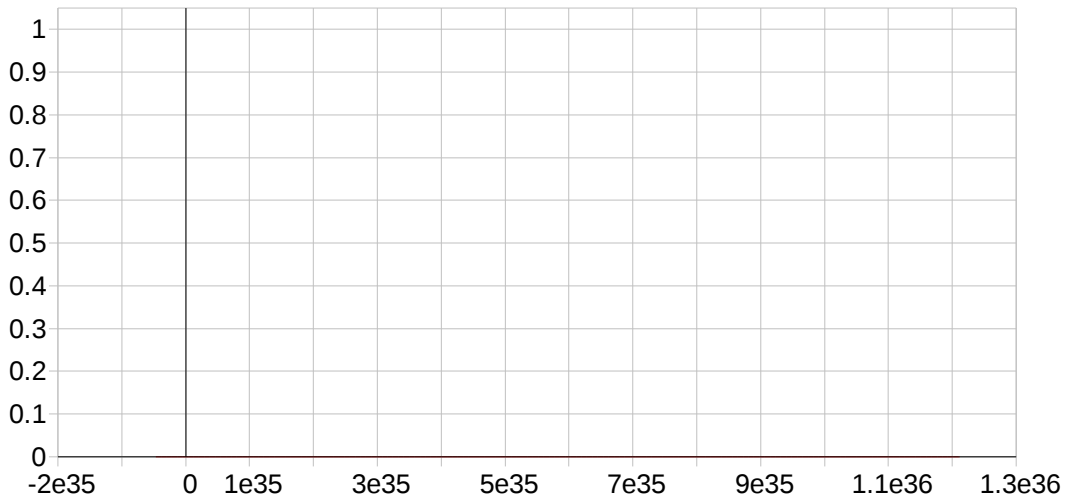


P 177.495 {490}

Date of Fit: 10/22/2018 11:44:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002144 Re-Slope: 1.000000
 A1 (Gain): 0.081069 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999745 Status: OK.
 Std Error of Est: 0.000044
 Predicted MDL: 0.002178
 Predicted MQL: 0.007261

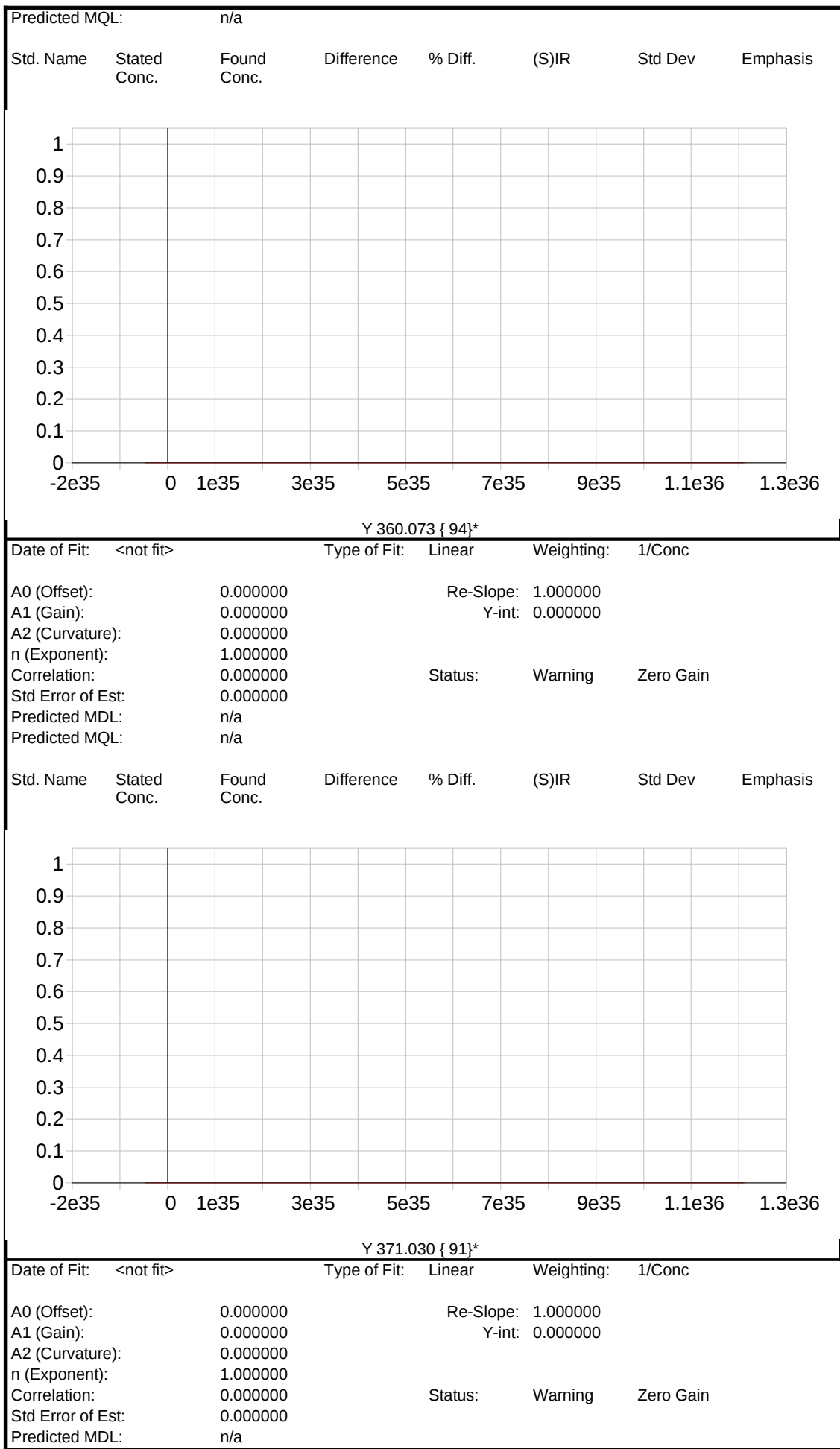
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00214	.000	1
S1	.02000	.01827	-.002	-8.63	-.00067	.000	1
S3	2.5000	2.3722	-.128	-5.11	.18987	.000	1
S4	5.0000	4.9822	-.018	-.355	.40117	.000	1
S5	10.000	10.147	.147	1.47	.81931	.001	1

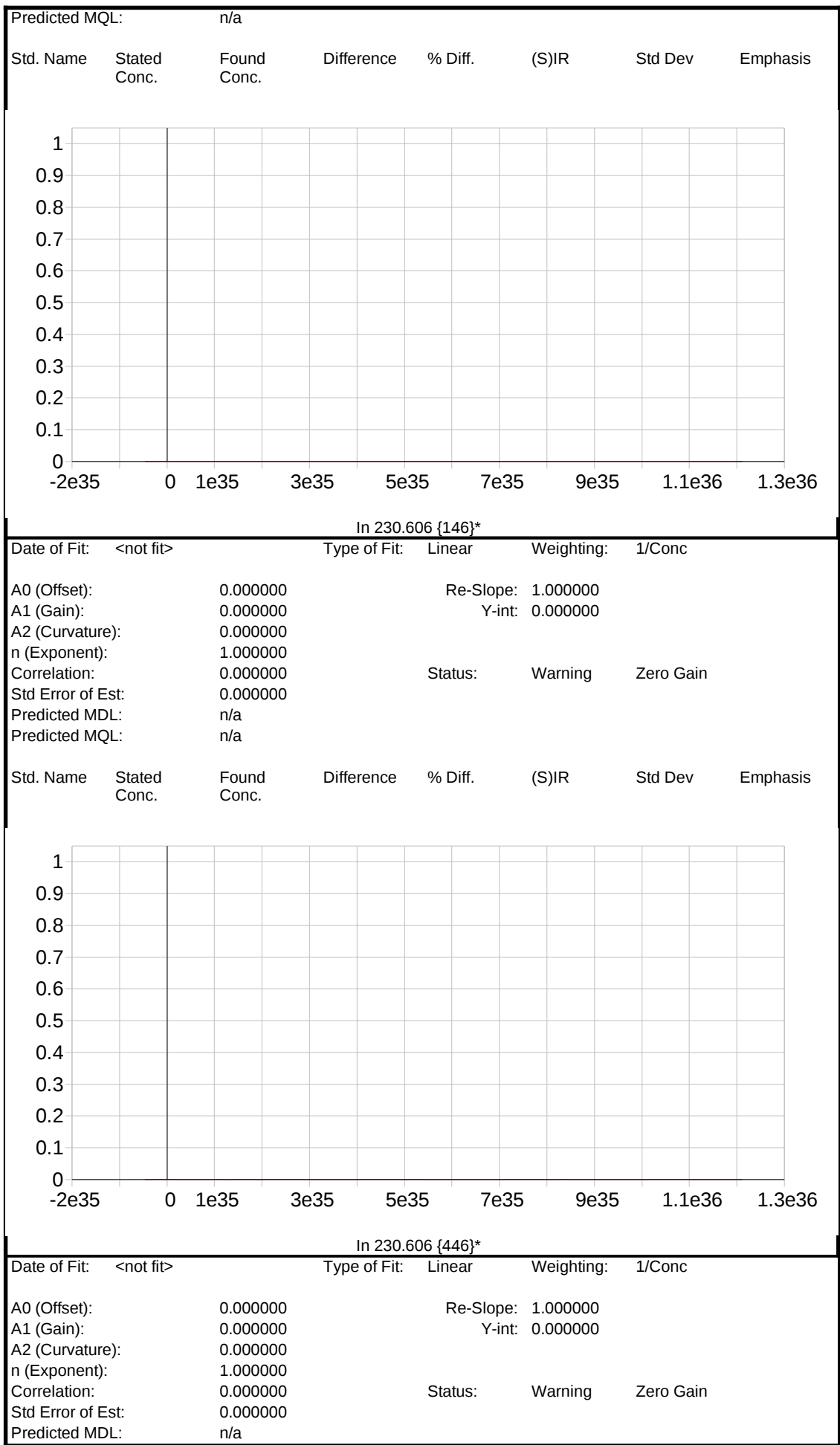


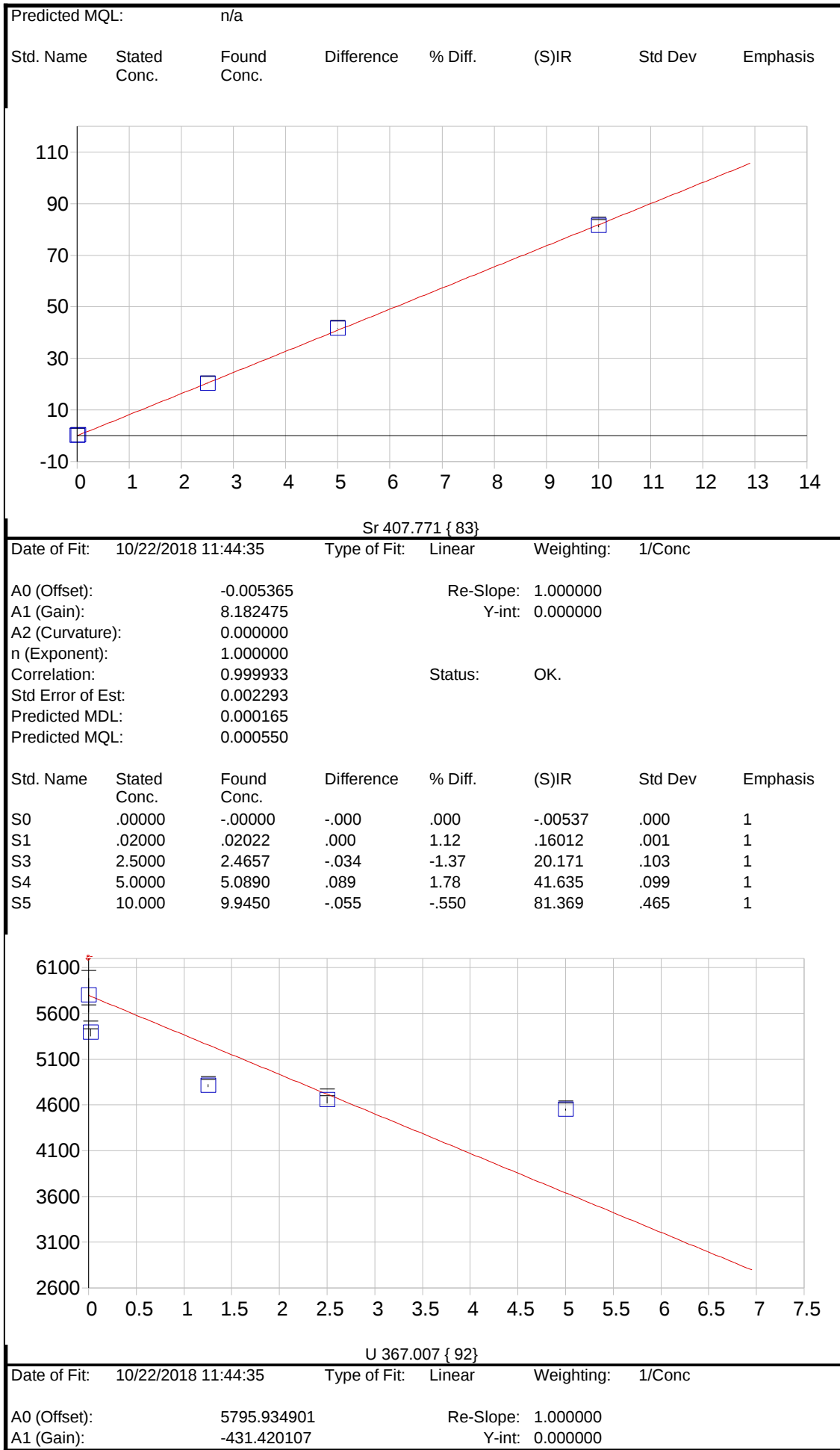
Y 224.306 {450}*

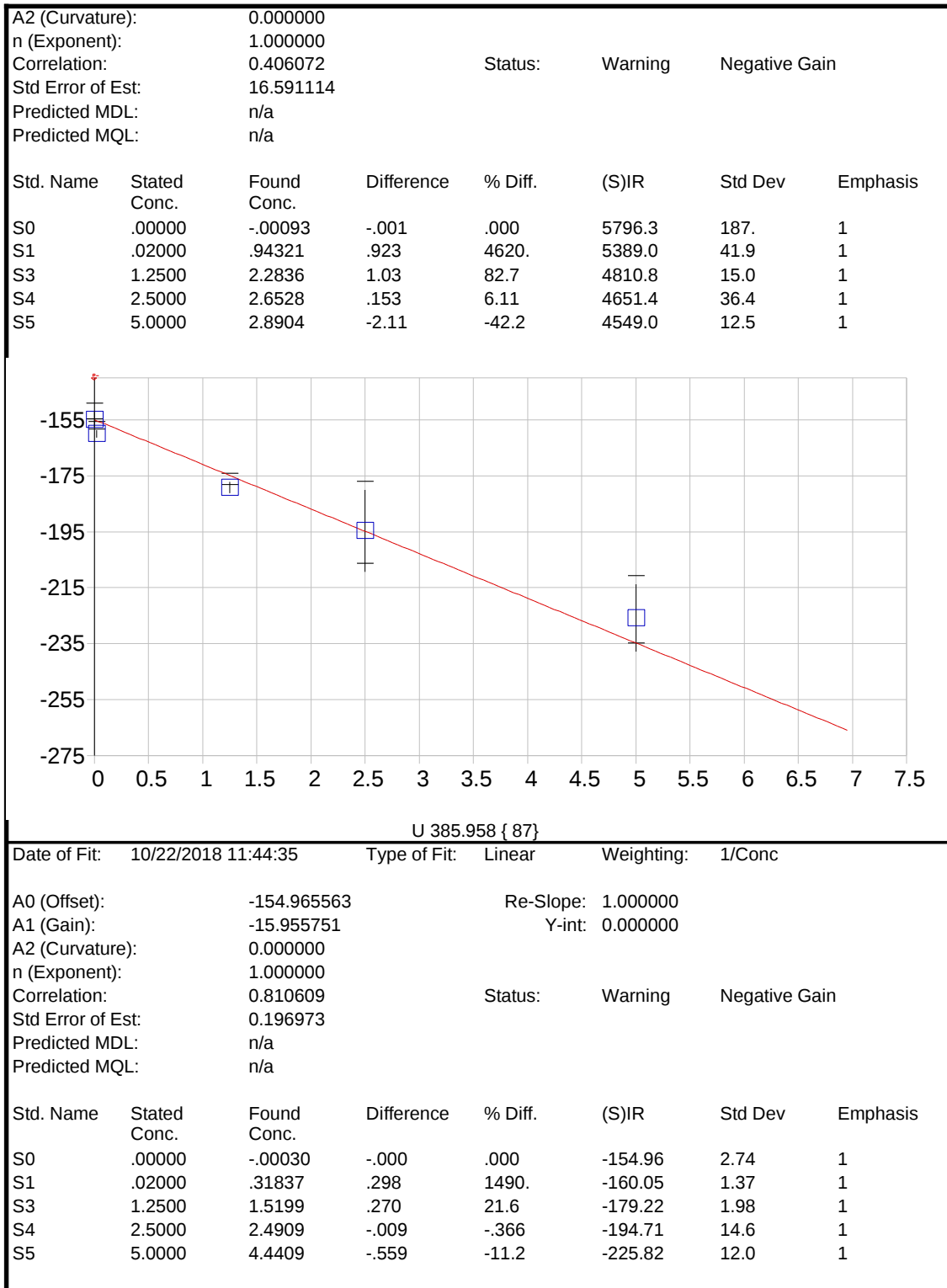
Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000000 Re-Slope: 1.000000
 A1 (Gain): 0.000000 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.000000 Status: Warning Zero Gain
 Std Error of Est: 0.000000
 Predicted MDL: n/a









Sample Name: S0 Acquired: 10/22/2018 11:20:46 Type: Cal
Method: P4-ICP2(v2516) 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	.00009	-.00057	.00234	-.00027	.00044	.00001	.05140	.00003
Stddev	.00003	.00009	.00016	.00008	.00001	.00003	.00046	.00003
%RSD	36.306	16.588	6.7654	29.945	3.0643	306.16	.89963	98.702

#1	.00011	-.00064	.00245	-.00033	.00045	.00003	.05172	.00001
#2	.00007	-.00050	.00222	-.00021	.00043	-.00001	.05107	.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	-.00095	-.00026	.00001	-.00030	-.00043	-.02141	.00004	-.00017
Stddev	.00001	.00023	.00003	.00014	.00054	.00879	.00005	.00060
%RSD	1.1032	90.482	257.08	45.583	123.83	41.051	125.62	351.61

#1	-.00094	-.00042	-.00001	-.00039	-.00005	-.01520	.00000	.00026
#2	-.00095	-.00009	.00003	-.00020	-.00081	-.02763	.00008	-.00060

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	-.00603	.00003	.04909	-.00009	.07664	-.03011	.00010	.00009
Stddev	.00003	.00005	.00204	.00002	.00118	.00407	.00016	.00013
%RSD	.48016	143.88	4.1526	23.464	1.5409	13.519	160.17	146.85

#1	-.00601	.00007	.04765	-.00008	.07748	-.03299	.00021	-.00000
#2	-.00605	-.00000	.05053	-.00011	.07580	-.02723	-.00001	.00018

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	.00008	.01364	.00038	.00286	.01037	-.0021	-.00537	5796.3
Stddev	.00011	.00125	.00006	.00031	.00106	.0000	.00017	187.3
%RSD	129.95	9.1841	14.863	10.897	10.188	2.062	3.1988	3.2313

#1	.00001	.01453	.00042	.00264	.01111	-.0022	-.00525	5928.8
#2	.00016	.01276	.00034	.00308	.00962	-.0021	-.00549	5663.9

Sample Name: S0 Acquired: 10/22/2018 11:20:46 Type: Cal
Method: P4-ICP2(v2516) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-154.96
Stddev	2.74
%RSD	1.7698

#1	-153.02
#2	-156.90

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2882.3	42845.	4081.5	101.92	3384.9
Stddev	8.9	1271.	103.0	6.87	8.4
%RSD	.31033	2.9658	2.5238	6.7415	.24724

#1	2888.6	43744.	4008.6	97.058	3390.8
#2	2876.0	41947.	4154.3	106.78	3379.0

Sample Name: S1 Acquired: 10/22/2018 11:24:49 Type: Cal
Method: P4-ICP2(v2516) 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	.00095	.00504	.00554	.00124	.00847	.00074	.47132	.00475
Stddev	.00017	.00008	.00003	.00030	.00005	.00004	.01013	.00017
%RSD	17.825	1.6203	.59179	23.955	.58930	4.9985	2.1497	3.6627
#1	.00083	.00498	.00552	.00146	.00851	.00071	.47849	.00488
#2	.00106	.00509	.00556	.00103	.00844	.00076	.46416	.00463
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	.01601	.00185	.03303	.01386	.12048	.02648	.01943	.00193
Stddev	.00004	.00001	.00008	.00051	.00843	.00013	.00002	.00014
%RSD	.27738	.31249	.23497	3.6988	6.9953	.47899	.11283	7.3019
#1	.01604	.00186	.03298	.01350	.12644	.02639	.01944	.00183
#2	.01598	.00185	.03309	.01423	.11452	.02657	.01941	.00203
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	.00944	3.2774	.17172	.00515	.00094	.13481	.00708	.01508
Stddev	.00004	.0210	.00057	.00017	.00000	.00204	.00010	.00115
%RSD	.39621	.64028	.33468	3.3338	.25573	1.5121	1.4153	7.5974
#1	.00946	3.2625	.17131	.00503	.00094	.13625	.00701	.01589
#2	.00941	3.2922	.17213	.00527	.00094	.13336	.00716	.01427
Elem	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	.04184	-.0007	.16012	5389.0	-160.05			
Stddev	.00077	.0003	.00134	41.9	1.37			
%RSD	1.8374	40.53	.83876	.77745	.85548			
#1	.04238	-.0005	.16107	5359.4	-161.01			
#2	.04130	-.0009	.15917	5418.6	-159.08			

Sample Name: S1 Acquired: 10/22/2018 11:24:49 Type: Cal
Method: P4-ICP2(v2516) 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	2867.8	41522.	4017.8	100.89	3356.5
Stddev	24.0	36.	21.4	.26	26.3
%RSD	.83620	.08694	.53151	.25698	.78377
#1	2850.9	41496.	4002.7	100.71	3337.9
#2	2884.8	41547.	4032.9	101.08	3375.1

Sample Name: S2 Acquired: 10/22/2018 11:29:10 Type: Cal
Method: P4-ICP2(v2516) 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	.07058	.01738	.56550	.13598
Stddev	.00049	.00090	.00362	.00234
%RSD	.69174	5.1981	.63946	1.7219

#1	.07024	.01674	.56294	.13433
#2	.07093	.01801	.56806	.13764

Int. Std.	Y_3710
Units	Cts/S
Avg	3959.3
Stddev	24.3
%RSD	.61391

#1	3976.5
#2	3942.1

Sample Name: S3 Acquired: 10/22/2018 11:33:08 Type: Cal
Method: P4-ICP2(v2516) 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	.11110	.32998	.59050	.16996	.35705	.03562	19.077	.09557
Stddev	.00009	.00108	.00066	.00021	.00057	.00020	.011	.00079
%RSD	.08224	.32726	.11163	.12582	.16103	.56304	.05736	.82481

#1	.11116	.33075	.59096	.16981	.35745	.03548	19.069	.09501
#2	.11103	.32922	.59003	.17011	.35664	.03576	19.085	.09612

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	3.4808	.42645	.08582	1.2315	.42358	3.2634	1.5052	.10460
Stddev	.0078	.00054	.00015	.0022	.00016	.0859	.0070	.00028
%RSD	.22371	.12621	.18013	.17725	.03889	2.6335	.46399	.26628

#1	3.4863	.42683	.08571	1.2330	.42347	3.2027	1.5003	.10440
#2	3.4753	.42607	.08593	1.2299	.42370	3.3242	1.5102	.10480

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	.70397	.11391	3.1835	.26842	87.140	.98773	2.0605	.11997
Stddev	.00002	.00015	.0031	.00124	1.286	.00097	.0010	.00024
%RSD	.00292	.13425	.09692	.46028	1.4755	.09823	.05072	.20039

#1	.70398	.11402	3.1857	.26754	86.231	.98705	2.0612	.12014
#2	.70395	.11380	3.1814	.26929	88.049	.98842	2.0598	.11980

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	.09832	.77744	.37887	.71389	4.0377	.1899	20.171	4810.8
Stddev	.00001	.00075	.00012	.00092	.0185	.0000	.103	15.0
%RSD	.01334	.09667	.03182	.12866	.45920	.0159	.51073	.31170

#1	.09833	.77691	.37895	.71324	4.0246	.1899	20.098	4800.2
#2	.09831	.77797	.37878	.71453	4.0508	.1899	20.243	4821.4

Sample Name: S3 Acquired: 10/22/2018 11:33:08 Type: Cal
Method: P4-ICP2(v2516) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-179.22
Stddev	1.98
%RSD	1.1047

#1	-180.62
#2	-177.82

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2730.3	39452.	3987.2	99.313	3103.7
Stddev	.3	127.	21.1	1.462	5.9
%RSD	.01141	.32249	.52986	1.4721	.19144

#1	2730.1	39362.	3972.3	100.35	3099.5
#2	2730.5	39542.	4002.2	98.279	3107.9

Sample Name: S4 Acquired: 10/22/2018 11:36:57 Type: Cal
Method: P4-ICP2(v2516) 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	.22760	.67376	1.2110	.34448	.73015	.07335	39.151	.19412
Stddev	.00020	.00004	.0008	.00106	.00072	.00051	.065	.00041
%RSD	.08666	.00636	.06650	.30709	.09873	.69311	.16721	.21111

#1	.22746	.67373	1.2116	.34373	.72964	.07299	39.105	.19383
#2	.22774	.67379	1.2104	.34523	.73066	.07371	39.198	.19441

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	7.1806	.87492	.17530	2.5423	.85414	6.6067	3.0444	.21508
Stddev	.0112	.00912	.00066	.0021	.00098	.0142	.0014	.00137
%RSD	.15631	1.0427	.37894	.08333	.11455	.21453	.04709	.63734

#1	7.1885	.86847	.17577	2.5438	.85483	6.5966	3.0434	.21411
#2	7.1726	.88137	.17483	2.5408	.85345	6.6167	3.0454	.21605

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	1.4475	.23033	6.4834	.54540	175.61	2.0547	4.1693	.24600
Stddev	.0021	.00031	.0172	.00063	.38	.0037	.0026	.00148
%RSD	.14657	.13462	.26569	.11503	.21663	.17841	.06175	.60109

#1	1.4490	.23011	6.4712	.54495	175.88	2.0521	4.1711	.24496
#2	1.4460	.23055	6.4955	.54584	175.34	2.0573	4.1674	.24705

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	.20627	1.5185	.78421	1.4523	8.2961	.4012	41.635	4651.4
Stddev	.00086	.0013	.00102	.0040	.0062	.0004	.099	36.4
%RSD	.41865	.08444	.13000	.27266	.07444	.0927	.23770	.78211

#1	.20566	1.5176	.78349	1.4495	8.2917	.4009	41.565	4625.7
#2	.20688	1.5194	.78493	1.4551	8.3004	.4014	41.705	4677.2

Sample Name: S4 Acquired: 10/22/2018 11:36:57 Type: Cal
Method: P4-ICP2(v2516) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-194.71
Stddev	14.62
%RSD	7.5072

#1	-205.04
#2	-184.37

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2727.7	39262.	3968.4	99.587	3026.2
Stddev	8.8	112.	3.2	.604	13.4
%RSD	.32143	.28425	.08166	.60611	.44304

#1	2721.5	39183.	3970.7	99.160	3016.7
#2	2733.9	39341.	3966.1	100.01	3035.7

Sample Name: S5 Acquired: 10/22/2018 11:40:44 Type: Cal
Method: P4-ICP2(v2516) 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	.44986	1.3291	2.4156	.68075	1.4424	.14814	77.102	.38222
Stddev	.00001	.0019	.0006	.00094	.0005	.00027	.533	.00068
%RSD	.00181	.14583	.02588	.13799	.03198	.18061	.69171	.17850

#1	.44986	1.3305	2.4161	.68141	1.4421	.14796	77.479	.38271
#2	.44987	1.3277	2.4152	.68009	1.4427	.14833	76.724	.38174

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	14.364	1.7029	.34066	5.0822	1.6514	13.017	5.9046	.42019
Stddev	.012	.0077	.00066	.0030	.0054	.054	.0017	.00131
%RSD	.08559	.45264	.19438	.05983	.32864	.41183	.02815	.31141

#1	14.373	1.6974	.34019	5.0844	1.6552	13.055	5.9058	.42112
#2	14.355	1.7083	.34112	5.0801	1.6476	12.979	5.9035	.41927

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	2.8851	.45449	12.726	1.0665	336.62	4.0755	8.1140	.48615
Stddev	.0020	.00076	.012	.0016	1.42	.0188	.0087	.00165
%RSD	.06791	.16758	.09817	.14807	.42284	.46157	.10693	.33956

#1	2.8865	.45503	12.717	1.0654	337.63	4.0622	8.1201	.48498
#2	2.8838	.45395	12.734	1.0676	335.62	4.0888	8.1079	.48732

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	.42431	2.8958	1.5651	2.8505	16.330	.8193	81.369	4549.0
Stddev	.00029	.0111	.0015	.0075	.043	.0015	.465	12.5
%RSD	.06910	.38347	.09563	.26375	.26298	.1797	.57134	.27518

#1	.42410	2.8879	1.5641	2.8558	16.299	.8183	81.698	4540.1
#2	.42452	2.9036	1.5662	2.8452	16.360	.8204	81.041	4557.8

Sample Name: S5 Acquired: 10/22/2018 11:40:44 Type: Cal
Method: P4-ICP2(v2516) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-225.82
Stddev	12.01
%RSD	5.3184

#1	-217.33
#2	-234.32

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2676.0	38747.	4012.6	99.531	2874.1
Stddev	4.1	163.	11.5	.524	4.5
%RSD	.15380	.41987	.28568	.52610	.15793

#1	2673.0	38632.	4004.5	99.161	2870.9
#2	2678.9	38862.	4020.7	99.902	2877.4

Sample Name: ICV01 Acquired: 10/22/2018 12:02:41 Type: Unk
Method: P4-ICP2(v2516) 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	1.0117	1.0117	.97512	1.0122	.99872	2.5340	.49955
Stddev	.0086	.0135	.01238	.0165	.01480	.0202	.00050
%RSD	.85233	1.3376	1.2697	1.6289	1.4819	.79706	.10104

#1	1.0178	1.0212	.98388	1.0238	1.0092	2.5197	.49990
#2	1.0056	1.0021	.96637	1.0005	.98825	2.5483	.49919

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47300	.47488	10.017	.49176	.48452	.51582	4.9025
Stddev	.00276	.00695	.045	.00014	.00787	.00671	.0129
%RSD	.58447	1.4646	.44558	.02837	1.6247	1.3003	.26256

#1	.47105	.47980	10.049	.49186	.49008	.52056	4.8934
#2	.47496	.46996	9.9856	.49166	.47895	.51108	4.9116

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49924	5.8073	.48509	.48936	F 9.5435	.48258	1.0583
Stddev	.00062	.0524	.00720	.00039	.0106	.00021	.0034
%RSD	.12457	.90177	1.4835	.07917	.11110	.04433	.32441

#1	.49880	5.8443	.49017	.48963	9.5360	.48243	1.0608
#2	.49968	5.7703	.48000	.48908	9.5510	.48273	1.0559

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.6794	2.4181	F 2.3676	F .01458	F 2.3056	F 2.3042	F 2.3578
Stddev	.0637	.0287	.0019	.00421	.0098	.0328	.0106
%RSD	.65785	1.1853	.08113	28.894	.42497	1.4255	.45091

#1	9.6343	2.4383	2.3689	.01756	2.2987	2.3274	2.3503
#2	9.7244	2.3978	2.3662	.01160	2.3125	2.2810	2.3653

Sample Name: ICV01 Acquired: 10/22/2018 12:02:41 Type: Unk
Method: P4-ICP2(v2516) 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 -.00230	F .0014	F .01152	F 1.9837	F 1.5671
Stddev	.00175	.0002	.00011	.0770	.0741
%RSD	76.157	14.32	.94949	3.8830	4.7281

#1	-.00354	.0016	.01145	2.0382	1.5147
#2	-.00106	.0013	.01160	1.9292	1.6195

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2832.9	42463.	4362.9	108.82	3311.5
Stddev	30.3	181.	.2	.02	43.6
%RSD	1.0710	.42544	.00511	.01386	1.3171

#1	2811.5	42335.	4362.8	108.81	3280.7
#2	2854.4	42590.	4363.1	108.83	3342.4

Sample Name: LLICV01 Acquired: 10/22/2018 12:06:33 Type: Unk
Method: P4-ICP2(v2516) 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	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02365	.04535	.01341	.02350	.05864	.10523	.10801	.00629
Stddev	.00169	.00041	.00079	.00098	.00009	.00419	.00142	.00000
%RSD	7.1458	.89921	5.8858	4.1776	.14774	3.9805	1.3108	.06907
#1	.02246	.04506	.01396	.02420	.05857	.10226	.10901	.00629
#2	.02485	.04564	.01285	.02281	.05870	.10819	.10701	.00629
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00593	2.1480	.01085	.03341	.02139	.09734	.02233	2.1599
Stddev	.00014	.0015	.00009	.00034	.00044	.00371	.00004	.0127
%RSD	2.3764	.06869	.81061	1.0109	2.0460	3.8093	.17403	.58782
#1	.00583	2.1490	.01078	.03317	.02170	.09472	.02236	2.1689
#2	.00603	2.1469	.01091	.03365	.02108	.09996	.02230	2.1509
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04367	.01011	1.9884	.04423	.04405	2.0482	.20833	.10497
Stddev	.00023	.00030	.0047	.00021	.00125	.0789	.00237	.00058
%RSD	.52119	2.9589	.23529	.47483	2.8321	3.8511	1.1393	.55680
#1	.04351	.01032	1.9917	.04438	.04317	1.9924	.20665	.10455
#2	.04383	.00990	1.9851	.04409	.04494	2.1040	.21001	.10538
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01877	.41284	.04297	.04234	.01884	.0215	.02135	F 2.3143
Stddev	.00402	.00236	.00021	.00242	.00034	.0018	.00015	.0803
%RSD	21.429	.57201	.49578	5.7224	1.8244	8.562	.70765	3.4706
#1	.02162	.41451	.04281	.04405	.01860	.0202	.02146	2.3711
#2	.01593	.41117	.04312	.04063	.01909	.0228	.02125	2.2575

Sample Name: LLICV01 Acquired: 10/22/2018 12:06:33 Type: Unk
 Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F .70480
 Stddev .34573
 %RSD 49.054

#1 .46033
 #2 .94927

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2787.6	41499.	4209.9	107.55	3331.9
Stddev	20.5	210.	15.3	2.22	30.3
%RSD	.73591	.50516	.36448	2.0601	.91006

#1	2802.2	41350.	4220.8	109.12	3353.3
#2	2773.1	41647.	4199.1	105.98	3310.4

Sample Name: ICB01 Acquired: 10/22/2018 12:10:36 Type: Unk
Method: P4-ICP2(v2516) 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	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00035	-.00058	-.00018	-.00011	.00100	-.01224	.00121	.00011
Stddev	.00180	.00128	.00055	.00238	.00043	.02997	.00045	.00008
%RSD	513.54	220.67	307.47	2067.2	43.040	244.89	36.764	66.479

#1	-.00162	.00033	.00021	-.00180	.00131	-.03343	.00153	.00017
#2	.00092	-.00149	-.00057	.00157	.00070	.00895	.00090	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.00901	-.00003	.00041	-.00055	.00556	-.00003	.01571
Stddev	.00001	.00802	.00009	.00002	.00002	.00411	.00000	.03749
%RSD	32.180	88.990	358.22	5.4446	2.7422	73.983	17.818	238.66

#1	-.00002	.00334	-.00009	.00039	-.00054	.00265	-.00002	-.01080
#2	-.00003	.01468	.00004	.00042	-.00056	.00847	-.00003	.04222

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00073	-.00068	-.08114	.00022	-.00021	.01247	.00028	.00181
Stddev	.00007	.00072	.00020	.00004	.00006	.03068	.00006	.00122
%RSD	9.5754	105.63	.25139	20.190	27.660	246.09	22.692	67.513

#1	.00078	-.00017	-.08128	.00025	-.00025	.03416	.00023	.00267
#2	.00068	-.00119	-.08100	.00019	-.00017	-.00923	.00032	.00095

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00408	.00078	-.00035	.00076	-.00020	-.0007	-.00018	F 2.2334
Stddev	.00086	.00146	.00049	.00068	.00137	.0006	.00014	.0401
%RSD	21.166	186.29	139.73	89.561	676.66	84.03	77.797	1.7969

#1	-.00469	.00181	-.00000	.00028	-.00117	-.0003	-.00027	2.2050
#2	-.00347	-.00025	-.00070	.00124	.00077	-.0011	-.00008	2.2618

Sample Name: ICB01 Acquired: 10/22/2018 12:10:36 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .83428
Stddev	.63397
%RSD	75.990

#1	1.2826
#2	.38600

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2790.1	41414.	4126.7	105.40	3351.1
Stddev	17.1	16.	53.7	2.61	14.9
%RSD	.61199	.03959	1.3009	2.4768	.44575

#1	2778.0	41426.	4088.7	103.55	3340.6
#2	2802.1	41403.	4164.7	107.24	3361.7

Sample Name: CRI01 Acquired: 10/22/2018 12:14:40 Type: Unk
Method: P4-ICP2(v2516) 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	.02123	.04746	.01455	.02383	.06134	.10850	.11352	.00662
Stddev	.00226	.00243	.00125	.00008	.00261	.00433	.00076	.00003
%RSD	10.629	5.1112	8.5572	.35347	4.2498	3.9878	.67136	.40994
#1	.01964	.04575	.01367	.02377	.05949	.11156	.11298	.00660
#2	.02283	.04918	.01543	.02389	.06318	.10544	.11406	.00664
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00636	2.2477	.01107	.03590	.02301	.11281	.02365	2.1996
Stddev	.00011	.0341	.00018	.00092	.00104	.00043	.00040	.0061
%RSD	1.7385	1.5156	1.5864	2.5762	4.5106	.37822	1.6748	.27789
#1	.00628	2.2236	.01094	.03525	.02228	.11251	.02337	2.1953
#2	.00643	2.2718	.01119	.03656	.02374	.11311	.02393	2.2040
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04629	.01058	2.0927	.04638	.04832	2.1487	.22319	.11200
Stddev	.00081	.00014	.0119	.00037	.00048	.0013	.00685	.01238
%RSD	1.7585	1.2940	.56801	.79699	.98359	.06226	3.0689	11.053
#1	.04572	.01049	2.0843	.04611	.04798	2.1496	.21834	.12075
#2	.04687	.01068	2.1011	.04664	.04866	2.1478	.22803	.10324
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01837	.43679	.04477	.04522	.02127	.0218	.02209	F 2.6592
Stddev	.00158	.00553	.00204	.00266	.00005	.0002	.00030	.0791
%RSD	8.5935	1.2666	4.5556	5.8804	.24146	1.137	1.3556	2.9757
#1	.01949	.43288	.04333	.04334	.02131	.0216	.02188	2.6033
#2	.01725	.44070	.04621	.04710	.02124	.0219	.02231	2.7152

Sample Name: CRI01 Acquired: 10/22/2018 12:14:40 Type: Unk
 Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .44057
Stddev	.17631
%RSD	40.019

#1	.56524
#2	.31590

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2697.5	40446.	4138.0	105.63	3219.9
Stddev	42.1	260.	31.7	.72	46.6
%RSD	1.5625	.64230	.76655	.68055	1.4472

#1	2727.3	40630.	4160.4	105.13	3252.9
#2	2667.7	40262.	4115.6	106.14	3187.0

Sample Name: ICSA01 Acquired: 10/22/2018 12:18:44 Type: Unk
Method: P4-ICP2(v2516) 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	-.00515	-.00947	.00184	-.00957	.00576	300.21	.00818	-.00031
Stddev	.00262	.00054	.00162	.00031	.00058	2.89	.00033	.00026
%RSD	50.865	5.7308	88.420	3.2007	10.053	.96229	4.0864	83.173
#1	-.00330	-.00985	.00069	-.00935	.00617	298.17	.00842	-.00050
#2	-.00701	-.00909	.00298	-.00978	.00535	302.26	.00795	-.00013
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00046	270.16	.06195	-.00049	.00420	106.25	.01573	273.68
Stddev	.00048	8.58	.00247	.00013	.00092	2.72	.00036	7.26
%RSD	105.17	3.1762	3.9925	26.620	21.956	2.5573	2.2853	2.6520
#1	-.00080	276.22	.06020	-.00040	.00355	108.18	.01548	278.82
#2	-.00012	264.09	.06370	-.00058	.00485	104.33	.01598	268.55
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00637	-.00600	-.02846	.00124	.00204	.05659	.00003	-.00943
Stddev	.00046	.00112	.00183	.00013	.00010	.02198	.00001	.01720
%RSD	7.1695	18.704	6.4311	10.540	4.7922	38.832	44.129	182.49
#1	-.00605	-.00521	-.02976	.00134	.00197	.04105	.00002	-.02159
#2	-.00670	-.00679	-.02717	.00115	.00210	.07213	.00004	.00274
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01050	-.00215	.00754	-.00362	.00152	-.0028	F .11321	F 3.5242
Stddev	.00663	.00316	.00059	.00069	.00079	.0018	.00384	.1112
%RSD	63.174	147.24	7.8268	19.174	52.297	62.43	3.3942	3.1554
#1	-.00581	.00009	.00713	-.00313	.00208	-.0016	.11592	3.4456
#2	-.01519	-.00438	.00796	-.00412	.00095	-.0041	.11049	3.6028

Sample Name: ICSA01 Acquired: 10/22/2018 12:18:44 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 4.9397
Stddev .4275
%RSD 8.6542

#1 5.2419
#2 4.6374

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2547.7	37012.	4049.9	97.027	2707.9
Stddev	9.2	480.	116.9	2.514	20.1
%RSD	.35960	1.2973	2.8864	2.5913	.74213

#1	2554.2	37352.	3967.2	95.249	2722.1
#2	2541.2	36673.	4132.5	98.805	2693.7

Sample Name: ICSAB01 Acquired: 10/22/2018 12:22:51 Type: Unk
Method: P4-ICP2(v2516) 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	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10857	.09866	.05612	.04203	.66292	290.18	.55443	.57506
Stddev	.00492	.00014	.00013	.00140	.00552	.74	.00064	.00029
%RSD	4.5312	.14222	.23166	3.3406	.83226	.25638	.11615	.05025

#1	.10509	.09856	.05621	.04104	.66682	290.71	.55397	.57486
#2	.11205	.09876	.05603	.04303	.65902	289.65	.55488	.57527

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0475	255.72	.59398	.53125	.53706	98.719	.55418	257.21
Stddev	.0046	.80	.00356	.00243	.00176	1.205	.00117	1.69
%RSD	.43473	.31376	.59971	.45650	.32814	1.2203	.21129	.65774

#1	1.0508	255.15	.59650	.53296	.53830	99.571	.55501	256.01
#2	1.0443	256.29	.59146	.52953	.53581	97.867	.55335	258.41

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0371	.21893	-.03428	.52320	1.0330	.06473	F 1.0113	F 1.0005
Stddev	.0001	.00024	.00631	.00205	.0144	.00289	.0036	.0224
%RSD	.01055	.10896	18.413	.39230	1.3918	4.4637	.35825	2.2421

#1	1.0372	.21876	-.03874	.52175	1.0432	.06677	1.0138	.98463
#2	1.0370	.21910	-.02982	.52466	1.0229	.06269	1.0087	1.0163

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00465	F .93075	F 1.0327	F 1.0058	.00023	F .0002	.10747	F 3.4042
Stddev	.00204	.00555	.0011	.0081	.00054	.0008	.00009	.1263
%RSD	43.883	.59673	.10794	.81008	231.11	352.8	.08394	3.7105

#1	-.00321	.92682	1.0335	1.0001	.00061	-.0004	.10740	3.4935
#2	-.00610	.93467	1.0319	1.0116	-.00015	.0008	.10753	3.3149

Sample Name: ICSAB01 Acquired: 10/22/2018 12:22:51 Type: Unk
 Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 4.6200
Stddev	.4764
%RSD	10.311

#1	4.9569
#2	4.2832

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2619.8	37986.	4245.6	102.94	2795.9
Stddev	12.5	194.	8.0	1.59	14.7
%RSD	.47690	.50945	.18859	1.5490	.52586

#1	2611.0	37850.	4251.3	101.82	2785.5
#2	2628.7	38123.	4240.0	104.07	2806.3

Sample Name: CCV01 Acquired: 10/22/2018 12:30:35 Type: Unk
Method: P4-ICP2(v2516) 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	5.0843	4.9055	4.9061	5.0305	5.0858	10.220	9.9157	.24846
Stddev	.0204	.0069	.0039	.0255	.0337	.020	.0528	.00060
%RSD	.40030	.14105	.07936	.50776	.66233	.19898	.53257	.24129
#1	5.0987	4.9104	4.9088	5.0486	5.1096	10.205	9.9530	.24888
#2	5.0699	4.9006	4.9033	5.0125	5.0620	10.234	9.8783	.24803
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4129	25.407	1.0079	2.4278	1.2590	4.8811	2.4795	23.917
Stddev	.0029	.177	.0009	.0013	.0045	.1213	.0047	.110
%RSD	.12237	.69625	.09088	.05132	.35898	2.4853	.19020	.46192
#1	2.4150	25.282	1.0085	2.4287	1.2622	4.7953	2.4829	23.839
#2	2.4108	25.532	1.0072	2.4269	1.2558	4.9669	2.4762	23.995
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4349	1.2247	24.228	2.4270	2.4409	24.180	4.9247	4.9153
Stddev	.0014	.0051	.074	.0063	.0627	.026	.0138	.0000
%RSD	.05613	.41322	.30371	.26133	2.5697	.10861	.28061	.00073
#1	2.4359	1.2283	24.280	2.4314	2.3966	24.199	4.9345	4.9153
#2	2.4339	1.2211	24.176	2.4225	2.4853	24.162	4.9149	4.9153
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8389	4.9336	4.8665	4.8948	4.9933	4.860	5.1161	F 3.0256
Stddev	.0038	.0202	.0033	.0264	.0141	.006	.0175	.0326
%RSD	.07831	.40999	.06773	.53987	.28192	.1330	.34147	1.0775
#1	4.8416	4.9193	4.8688	4.9135	5.0032	4.865	5.1037	3.0487
#2	4.8362	4.9479	4.8642	4.8761	4.9833	4.856	5.1284	3.0026

Sample Name: CCV01 Acquired: 10/22/2018 12:30:35 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.1056
Stddev .1217
%RSD 5.7789

#1 2.0195
#2 2.1916

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2761.6	40593.	4262.2	106.19	3126.3
Stddev	13.7	207.	21.2	2.66	11.3
%RSD	.49653	.50963	.49823	2.5044	.36141

#1	2751.9	40447.	4247.2	108.07	3118.3
#2	2771.3	40739.	4277.2	104.31	3134.3

Sample Name: CCB01 Acquired: 10/22/2018 12:34:21 Type: Unk
Method: P4-ICP2(v2516) 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	-.00160	.00022	-.00010	.00193	-.00094	-.00689	-.00011	.00015
Stddev	.00259	.00048	.00106	.00071	.00021	.01130	.00004	.00008
%RSD	161.67	223.86	1096.3	36.802	22.552	164.01	37.511	49.276
#1	-.00343	-.00013	-.00085	.00244	-.00079	-.01488	-.00013	.00010
#2	.00023	.00056	.00065	.00143	-.00109	.00110	-.00008	.00021
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	-.00067	.00038	.00037	-.00019	.00480	-.00001	.01807
Stddev	.00002	.02417	.00020	.00005	.00050	.00110	.00008	.00080
%RSD	4766500.	3594.7	52.001	14.249	269.22	22.827	625.05	4.4124
#1	-.00001	-.01777	.00024	.00041	-.00054	.00403	-.00007	.01751
#2	.00001	.01642	.00051	.00034	.00017	.00558	.00004	.01863
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00085	-.00046	-.08980	.00025	-.00004	.03476	.00067	.00922
Stddev	.00012	.00000	.00018	.00021	.00015	.02372	.00019	.00698
%RSD	14.027	.78023	.19938	84.481	411.40	68.228	28.571	75.700
#1	.00093	-.00045	-.08993	.00040	-.00014	.05153	.00081	.00428
#2	.00076	-.00046	-.08967	.00010	.00007	.01799	.00054	.01415
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00480	.00092	.00015	.00105	-.00014	.0007	-.00001	F 2.4678
Stddev	.00463	.00008	.00040	.00068	.00285	.0005	.00003	.0648
%RSD	96.416	8.3519	275.08	64.837	2065.9	65.80	580.63	2.6249
#1	-.00808	.00087	-.00014	.00152	-.00215	.0011	.00002	2.4220
#2	-.00153	.00098	.00043	.00057	.00188	.0004	-.00003	2.5136

Sample Name: CCB01 Acquired: 10/22/2018 12:34:21 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .09674
Stddev .01078
%RSD 11.145

#1 .08911
#2 .10436

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2790.8	41747.	4291.3	107.33	3380.8
Stddev	9.4	76.	26.5	.68	9.9
%RSD	.33672	.18253	.61836	.63137	.29150

#1	2784.2	41693.	4310.1	107.81	3373.8
#2	2797.5	41801.	4272.6	106.85	3387.7

Sample Name: LR CHECK1 Acquired: 10/22/2018 12:38:26 Type: Unk
Method: P4-ICP2(v2516) 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	-.02661	-.07386	-.00171	-.14119	.05124	F 2025.1	.00780
Stddev	.00729	.00154	.00088	.00701	.00203	14.3	.00031
%RSD	27.396	2.0816	51.250	4.9618	3.9718	.70497	3.9967

#1	-.02146	-.07495	-.00109	-.14615	.04980	2015.0	.00802
#2	-.03177	-.07277	-.00234	-.13624	.05267	2035.2	.00758

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00639	.02726	F 1821.5	.09351	.02855	-.43454	F 933.16
Stddev	.00013	.00125	2.4	.00037	.00023	.00825	14.16
%RSD	2.0801	4.5835	.12935	.39842	.81378	1.8984	1.5177

#1	.00648	.02638	1823.2	.09378	.02839	-.44038	943.18
#2	.00629	.02814	1819.8	.09325	.02872	-.42871	923.15

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01755	F 1877.0	.08173	-.05407	F 1865.9	.00515	.06791
Stddev	.00014	5.9	.00065	.00069	23.2	.00050	.00171
%RSD	.81886	.31679	.79488	1.2831	1.2452	9.6775	2.5242

#1	.01765	1881.2	.08219	-.05358	1882.3	.00479	.06912
#2	.01745	1872.8	.08127	-.05457	1849.5	.00550	.06670

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1046.4	.01495	-.12356	.30552	.06703	.05210	-.04802
Stddev	5.3	.00115	.02771	.01224	.00115	.00169	.00003
%RSD	.50491	7.6816	22.424	4.0078	1.7157	3.2384	.05699

#1	1050.1	.01576	-.10397	.31418	.06784	.05330	-.04800
#2	1042.7	.01414	-.14315	.29686	.06621	.05091	-.04804

Sample Name: LR CHECK1 Acquired: 10/22/2018 12:38:26 Type: Unk
 Method: P4-ICP2(v2516) 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	.03367	.0646	.01965	3.2624	F<.00000
Stddev	.00027	.0014	.00019	.0010	5.5626
%RSD	.81124	2.214	.98537	.03176	2.5430

#1	.03348	.0636	.01951	3.2617	-222.68
#2	.03387	.0656	.01979	3.2631	-214.81

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2188.4	31953.	3933.5	84.235	1937.5
Stddev	13.5	74.	13.7	1.310	9.7
%RSD	.61459	.23057	.34778	1.5553	.49915

#1	2178.9	31901.	3923.8	83.308	1930.7
#2	2197.9	32006.	3943.2	85.161	1944.4

Sample Name: LR CHECK2 Acquired: 10/22/2018 12:42:51 Type: Unk
Method: P4-ICP2(v2516) 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	-0.00357	-0.02034	F 262.91	.02093	-0.03886	-0.28323	F 103.21	-0.00080
Stddev	.00106	.00053	.30	.00166	.00040	.00184	.09	.00001
%RSD	29.726	2.5936	.11268	7.9507	1.0406	.65137	.08902	1.2810
#1	-0.00282	-0.02071	263.12	.02211	-0.03857	-0.28192	103.14	-0.00081
#2	-0.00433	-0.01996	262.70	.01976	-0.03914	-0.28453	103.27	-0.00080
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-0.00775	.26333	-0.13679	-0.00571	F 259.33	-0.81187	F 45.227	-0.13482
Stddev	.00007	.00174	.00140	.00009	.36	.00336	.168	.00165
%RSD	.92237	.66187	1.0230	1.5456	.13956	.41340	.37067	1.2259
#1	-0.00780	.26456	-0.13778	-0.00564	259.07	-0.81424	45.345	-0.13599
#2	-0.00770	.26210	-0.13580	-0.00577	259.58	-0.80949	45.108	-0.13365
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 51.306	.00868	.77777	-0.00434	F 36.029	.60705	-0.00164	.00238
Stddev	.060	.00007	.02109	.00013	.025	.02503	.00003	.00355
%RSD	.11603	.81109	2.7118	3.0822	.06827	4.1229	1.8650	149.07
#1	51.349	.00863	.76286	-0.00424	36.047	.58935	-0.00166	.00489
#2	51.264	.00873	.79268	-0.00443	36.012	.62474	-0.00162	-0.00013
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04809	-0.00417	.00243	.02202	.00360	-0.0855	.00449	2.3923
Stddev	.00303	.00086	.00076	.00054	.00035	.0060	.00010	.0240
%RSD	6.2978	20.595	31.359	2.4615	9.7218	7.066	2.2751	1.0044
#1	.05023	-0.00357	.00297	.02164	.00385	-0.0897	.00456	2.4093
#2	.04595	-0.00478	.00189	.02241	.00335	-0.0812	.00442	2.3753

Sample Name: LR CHECK2 Acquired: 10/22/2018 12:42:51 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.49719
Stddev	.52117
%RSD	104.82

#1	.86571
#2	.12867

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2706.7	42153.	4467.5	110.33	3211.9
Stddev	.7	149.	11.7	.09	9.5
%RSD	.02458	.35392	.26231	.08546	.29602

#1	2706.2	42048.	4459.3	110.26	3205.2
#2	2707.1	42259.	4475.8	110.39	3218.6

Sample Name: J5593-01 Acquired: 10/22/2018 12:47:09 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-02-101818 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00071	.00005	.00169	.00302	-.00067	-.00428	.00923	.00021
Stddev	.00067	.00011	.00086	.00106	.00011	.02866	.00031	.00002
%RSD	94.227	228.56	50.795	35.171	15.902	669.84	3.3705	11.613

#1	-.00118	-.00003	.00108	.00227	-.00075	.01598	.00901	.00023
#2	-.00024	.00013	.00230	.00378	-.00060	-.02454	.00945	.00019

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	24.898	.00031	.00050	.00171	.00297	.00509	7.6472
Stddev	.00005	.127	.00051	.00017	.00012	.00572	.00002	.0531
%RSD	80.046	.50953	166.54	34.914	6.9947	192.83	.47062	.69492

#1	-.00003	24.809	.00067	.00038	.00179	.00701	.00508	7.6096
#2	-.00010	24.988	-.00005	.00062	.00163	-.00108	.00511	7.6848

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00136	-.00048	43.327	.00107	.00026	2.7045	.00057	.02908
Stddev	.00011	.00037	.327	.00009	.00009	.0039	.00022	.00245
%RSD	8.1348	76.480	.75526	8.5604	36.421	.14228	38.718	8.4103

#1	.00144	-.00074	43.558	.00100	.00033	2.7072	.00073	.02735
#2	.00129	-.00022	43.095	.00113	.00019	2.7017	.00042	.03080

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.4794	1.1977	-.00142	-.00071	-.00141	.0666	.13308	1.7837
Stddev	.0118	.0013	.00039	.00135	.00050	.0000	.00037	.0539
%RSD	.21593	.10484	27.587	190.20	35.265	.0147	.27453	3.0199

#1	5.4878	1.1986	-.00114	-.00166	-.00106	.0666	.13282	1.8218
#2	5.4710	1.1968	-.00169	.00024	-.00176	.0666	.13334	1.7456

Sample Name: J5593-01 Acquired: 10/22/2018 12:47:09 Type: Unk
 Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: JC-02-101818 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.89983
Stddev	.28403
%RSD	31.565

#1	.69899
#2	1.1007

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2966.7	44039.	4656.6	119.11	3509.0
Stddev	1.7	111.	25.3	1.04	2.8
%RSD	.05861	.25226	.54398	.87066	.08033

#1	2965.5	43960.	4638.7	118.38	3511.0
#2	2967.9	44117.	4674.5	119.84	3507.0

Sample Name: J5593-01DUP Acquired: 10/22/2018 12:51:09 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-02-101818 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00023	.00035	-.00029	.00646	-.00112	-.00724	.01249	.00017
Stddev	.00019	.00170	.00029	.00142	.00036	.00996	.00453	.00011
%RSD	84.096	482.98	98.379	21.926	32.388	137.51	36.286	66.041

#1	.00009	.00155	-.00049	.00546	-.00137	-.00020	.01569	.00024
#2	.00036	-.00085	-.00009	.00746	-.00086	-.01428	.00928	.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	29.978	.00034	.00025	.00186	.00072	.00491	9.1238
Stddev	.00003	6.189	.00032	.00005	.00011	.02310	.00020	1.8500
%RSD	84.354	20.647	94.894	22.207	5.6822	3212.6	4.0656	20.277

#1	-.00005	34.355	.00011	.00021	.00193	-.01561	.00477	10.432
#2	-.00001	25.601	.00057	.00028	.00178	.01705	.00505	7.8157

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00176	.00021	52.027	.00076	.00023	3.1503	.00048	.03495
Stddev	.00019	.00031	10.642	.00051	.00013	.5241	.00024	.00317
%RSD	10.782	147.06	20.454	67.308	57.324	16.637	49.573	9.0636

#1	.00162	.00043	59.552	.00040	.00033	3.5210	.00065	.03271
#2	.00189	-.00001	44.503	.00113	.00014	2.7797	.00031	.03719

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.5621	1.4240	-.00278	-.00289	-.00184	.0638	.15940	1.5771
Stddev	.0064	.2597	.00036	.00002	.00182	.0031	.03268	.1979
%RSD	.11570	18.236	12.869	.58988	99.211	4.830	20.502	12.551

#1	5.5666	1.6076	-.00253	-.00288	-.00055	.0659	.18251	1.4372
#2	5.5575	1.2404	-.00303	-.00291	-.00313	.0616	.13629	1.7171

Sample Name: J5593-01DUP Acquired: 10/22/2018 12:51:09 Type: Unk
 Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: JC-02-101818 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .91019
 Stddev .24419
 %RSD 26.828

#1 1.0829
 #2 .73752

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2943.3	44137.	4031.4	104.62	3477.7
Stddev	8.2	891.	749.8	21.37	12.7
%RSD	.27806	2.0186	18.598	20.425	.36628

#1	2937.5	44767.	3501.3	89.507	3468.7
#2	2949.1	43507.	4561.6	119.73	3486.7

Sample Name: J5593-01LX5 Acquired: 10/22/2018 12:55:09 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14031 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00428	.00028	-.00119	.00202	.00026	.00958	.00063	.00001
Stddev	.00117	.00033	.00073	.00289	.00081	.01798	.00016	.00003
%RSD	27.413	118.92	61.358	143.17	304.92	187.70	26.164	321.14

#1	-.00345	.00004	-.00067	.00406	-.00031	.02229	.00074	.00003
#2	-.00510	.00051	-.00170	-.00002	.00083	-.00313	.00051	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	4.4711	.00001	.00028	-.00003	.00197	.00096	1.3397
Stddev	.00001	.0287	.00018	.00003	.00097	.00677	.00003	.0115
%RSD	25.787	.64138	1938.4	10.794	3004.0	343.25	3.4677	.85883

#1	.00005	4.4509	-.00012	.00026	-.00072	-.00281	.00098	1.3315
#2	.00007	4.4914	.00013	.00031	.00065	.00676	.00093	1.3478

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00157	.00014	7.8971	.00046	.00009	.67997	.00004	.00906
Stddev	.00028	.00003	.0683	.00016	.00009	.01593	.00021	.00583
%RSD	17.971	19.051	.86542	34.900	99.713	2.3434	602.95	64.357

#1	.00137	.00012	7.8488	.00034	.00016	.66870	.00019	.00494
#2	.00177	.00016	7.9455	.00057	.00003	.69124	-.00012	.01319

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0157	.21987	-.00049	.00093	.00081	.0139	.02418	1.8438
Stddev	.0002	.00491	.00047	.00031	.00163	.0004	.00015	.1419
%RSD	.02359	2.2324	96.353	33.276	202.22	3.163	.60282	7.6959

#1	1.0156	.21639	-.00082	.00114	-.00035	.0136	.02408	1.9441
#2	1.0159	.22334	-.00016	.00071	.00196	.0142	.02428	1.7434

Sample Name: J5593-01LX5 Acquired: 10/22/2018 12:55:09 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14031 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .32396
Stddev .19177
%RSD 59.197

#1 .18835
#2 .45956

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2926.7	43376.	4590.9	117.52	3539.1
Stddev	39.8	48.	62.3	2.81	48.6
%RSD	1.3614	.11073	1.3560	2.3936	1.3731

#1	2898.5	43342.	4546.9	115.53	3504.7
#2	2954.8	43410.	4634.9	119.51	3573.5

Sample Name: J5593-01MS Acquired: 10/22/2018 12:59:12 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-02-101818 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.91367	2.1565	1.0667	2.3495	.91560	2.3436	.22219	.23888	.21133
Stddev	.03304	.0559	.0309	.0606	.02196	.1831	.01023	.01714	.00545
%RSD	3.6158	2.5923	2.8969	2.5787	2.3983	7.8133	4.6024	7.1746	2.5812

#1	.93703	2.1960	1.0886	2.3923	.93112	2.4731	.22942	.25100	.21519
#2	.89031	2.1169	1.0449	2.3066	.90007	2.2141	.21496	.22676	.20747

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.935	.46169	.21264	.34605	3.0422	.23601	9.2985	.53005	.07743
Stddev	1.310	.03436	.00528	.00910	.0212	.01695	.3971	.01351	.00640
%RSD	5.2547	7.4426	2.4846	2.6292	.69776	7.1828	4.2710	2.5495	8.2650

#1	25.861	.48599	.21638	.35248	3.0572	.24800	9.5794	.53961	.08196
#2	24.008	.43739	.20891	.33962	3.0272	.22402	9.0177	.52049	.07291

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	44.155	.33608	.21107	13.124	.43828	.34503	5.4361	2.1645	.74574
Stddev	1.942	.02461	.00077	.637	.01098	.02952	.1409	.1024	.01706
%RSD	4.3980	7.3240	.36712	4.8514	2.5048	8.5571	2.5925	4.7294	2.2873

#1	45.528	.35349	.21162	13.574	.44604	.36591	5.5358	2.2368	.75780
#2	42.782	.31868	.21052	12.674	.43052	.32416	5.3365	2.0921	.73368

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20913	.21221	6.419	.34081	2.2567	.87435
Stddev	.01252	.01253	.171	.01748	.8002	.43230
%RSD	5.9886	5.9023	2.665	5.1303	35.459	49.442

#1	.21798	.22106	6.540	.35317	2.8225	.56867
#2	.20027	.20335	6.298	.32845	1.6909	1.1800

Sample Name: J5593-01MS Acquired: 10/22/2018 12:59:12 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-02-101818 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	2947.7	42635.	4763.5	123.17	3449.6
Stddev	56.0	2618.	172.1	.18	66.7
%RSD	1.8999	6.1399	3.6120	.14914	1.9330
#1	2908.1	40784.	4641.9	123.30	3402.4
#2	2987.3	44486.	4885.2	123.04	3496.7

Sample Name: J5593-01MSD Acquired: 10/22/2018 13:03:00 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-02-101818 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.92621	2.1611	1.0761	2.3783	.93137	2.3235	.24795	.23237	.21235
Stddev	.00872	.0194	.0106	.0338	.01529	.0178	.01530	.00044	.00230
%RSD	.94100	.89633	.98765	1.4203	1.6421	.76664	6.1713	.18940	1.0854

#1	.92005	2.1474	1.0686	2.3544	.92056	2.3361	.25877	.23206	.21072
#2	.93237	2.1748	1.0836	2.4022	.94219	2.3109	.23713	.23268	.21398

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.408	.44949	.21448	.35066	3.3983	.23064	10.389	.53373	.07637
Stddev	1.514	.00252	.00264	.00503	.2788	.00047	.677	.00504	.00073
%RSD	5.5235	.56116	1.2318	1.4349	8.2027	.20528	6.5145	.94399	.96180

#1	28.478	.45128	.21261	.34710	3.5955	.23098	10.867	.53017	.07585
#2	26.338	.44771	.21634	.35422	3.2012	.23031	9.9101	.53729	.07689

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	48.959	.32623	.23308	14.383	.44480	.38063	5.5085	2.3499	.75481
Stddev	3.006	.00078	.01739	.777	.00592	.00978	.0891	.1410	.00546
%RSD	6.1390	.24021	7.4599	5.4014	1.3314	2.5688	1.6182	5.9994	.72358

#1	51.085	.32679	.24537	14.933	.44061	.38754	5.4454	2.4496	.75095
#2	46.834	.32568	.22078	13.834	.44899	.37372	5.5715	2.2502	.75868

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23466	.23537	6.462	.37828	2.0400	.29084
Stddev	.01405	.01424	.089	.02070	.0013	.16895
%RSD	5.9892	6.0493	1.383	5.4722	.06404	58.090

#1	.24460	.24543	6.399	.39292	2.0391	.17138
#2	.22473	.22530	6.526	.36364	2.0410	.41031

Sample Name: J5593-01MSD Acquired: 10/22/2018 13:03:00 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-02-101818 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	2882.8	43153.	4319.5	110.77	3386.1
Stddev	25.5	139.	255.1	8.33	25.8
%RSD	.88527	.32200	5.9054	7.5205	.76237
#1	2900.8	43055.	4139.2	104.88	3404.3
#2	2864.7	43252.	4499.9	116.66	3367.8

Sample Name: J5593-01A Acquired: 10/22/2018 13:06:48 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7589 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.90780	2.1350	1.0616	2.3464	.91378	2.2931	.22238	.23359	.20916
Stddev	.01463	.0287	.0104	.0331	.01108	.0648	.00821	.00217	.00244
%RSD	1.6111	1.3454	.98368	1.4117	1.2123	2.8278	3.6910	.93015	1.1673

#1	.91814	2.1553	1.0690	2.3699	.92161	2.3389	.22818	.23513	.21088
#2	.89746	2.1147	1.0542	2.3230	.90594	2.2472	.21657	.23205	.20743

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.842	.45183	.21143	.34417	2.9941	.23173	9.3134	.52491	.07721
Stddev	.686	.00805	.00248	.00420	.1053	.00324	.3505	.00647	.00060
%RSD	2.7622	1.7812	1.1726	1.2193	3.5168	1.3993	3.7635	1.2326	.77913

#1	25.327	.45752	.21319	.34713	3.0686	.23403	9.5613	.52948	.07679
#2	24.357	.44614	.20968	.34120	2.9197	.22944	9.0656	.52033	.07764

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	44.292	.32842	.20956	13.064	.43581	.33629	5.4042	2.1634	.74407
Stddev	1.612	.00333	.00688	.484	.00570	.00744	.0674	.0761	.00854
%RSD	3.6388	1.0143	3.2807	3.7047	1.3089	2.2121	1.2466	3.5153	1.1477

#1	45.431	.33077	.21442	13.406	.43984	.34155	5.4519	2.2171	.75011
#2	43.152	.32606	.20470	12.721	.43177	.33103	5.3566	2.1096	.73803

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20869	.21016	6.359	.34192	2.1260	.57272
Stddev	.00663	.00589	.090	.01282	.2465	.10610
%RSD	3.1767	2.8010	1.420	3.7489	11.593	18.525

#1	.21338	.21433	6.423	.35099	2.3003	.49770
#2	.20400	.20600	6.295	.33286	1.9518	.64774

Sample Name: J5593-01A Acquired: 10/22/2018 13:06:48 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7589 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	2925.2	42864.	4693.8	122.38	3426.2
Stddev	40.7	562.	113.7	3.99	44.1
%RSD	1.3919	1.3117	2.4218	3.2641	1.2862
#1	2896.5	42467.	4613.5	119.56	3395.0
#2	2954.0	43262.	4774.2	125.21	3457.3

Sample Name: PB113970BL Acquired: 10/22/2018 13:10:38 Type: Unk
Method: P4-ICP2(v2516) 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
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00176	.00051	-.00110	.00480	.00266	-.00988	-.00111
Stddev	.00183	.00101	.00004	.00093	.00143	.00796	.00109
%RSD	103.91	197.01	4.0677	19.365	53.887	80.495	98.084

#1	-.00305	-.00020	-.00107	.00546	.00368	-.00426	-.00188
#2	-.00047	.00123	-.00113	.00414	.00165	-.01551	-.00034

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	-.00004	.01210	.00054	.00011	-.00030	.00571
Stddev	.00011	.00005	.01405	.00054	.00003	.00010	.01344
%RSD	129.38	125.84	116.11	100.49	23.573	35.014	235.25

#1	.00001	-.00000	.00217	.00016	.00013	-.00022	.01522
#2	.00016	-.00007	.02203	.00093	.00009	-.00037	-.00379

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	.00970	.00169	.00006	.12522	.00037	-.00026
Stddev	.00000	.04719	.00062	.00074	.01474	.00010	.00010
%RSD	12.558	486.57	36.582	1217.8	11.773	26.534	39.336

#1	-.00003	.04307	.00213	.00059	.11480	.00044	-.00033
#2	-.00003	-.02367	.00126	-.00046	.13565	.00030	-.00019

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19285	.00044	.00847	.00344	-.00052	-.00041	-.00003
Stddev	.02511	.00007	.00274	.00400	.00124	.00040	.00054
%RSD	13.019	16.660	32.383	116.46	239.89	96.566	2130.0

#1	.21060	.00049	.00653	.00061	-.00139	-.00013	.00036
#2	.17510	.00039	.01041	.00627	.00036	-.00069	-.00041

Sample Name: PB113970BL Acquired: 10/22/2018 13:10:38 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00142	.0004	.00001	F 2.4828	F<.00000
Stddev	.00260	.0000	.00000	.0791	.21287
%RSD	183.18	.6141	10.289	3.1857	26.599

#1	.00325	.0004	.00001	2.4268	-.95085
#2	-.00042	.0004	.00001	2.5387	-.64980

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2773.0	41951.	4405.5	112.32	3383.1
Stddev	9.6	9.	50.8	.97	12.5
%RSD	.34728	.02228	1.1520	.86041	.36839

#1	2766.2	41945.	4441.4	113.00	3374.3
#2	2779.8	41958.	4369.6	111.63	3391.9

Sample Name: PB113970BS Acquired: 10/22/2018 13:20:21 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7589 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.78057	1.8712	.92518	1.9824	.79562	1.9722	.19866
Stddev	.00868	.0031	.00012	.0015	.00170	.0218	.00016
%RSD	1.1122	.16590	.01300	.07414	.21383	1.1038	.08164

#1	.78671	1.8734	.92510	1.9814	.79682	1.9876	.19854
#2	.77443	1.8690	.92527	1.9835	.79441	1.9568	.19877

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19166	.18060	1.0259	.38893	.18432	.30621	2.7485
Stddev	.00011	.00047	.0125	.00073	.00044	.00008	.0614
%RSD	.05844	.26237	1.2194	.18861	.23899	.02765	2.2352

#1	.19158	.18094	1.0347	.38842	.18401	.30627	2.7919
#2	.19174	.18027	1.0170	.38945	.18463	.30615	2.7050

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19878	1.8425	.45877	.06829	2.8199	.27905	.18387
Stddev	.00021	.0095	.00149	.00105	.0071	.00123	.00308
%RSD	.10502	.51488	.32585	1.5413	.25248	.44164	1.6775

#1	.19892	1.8358	.45983	.06903	2.8149	.27992	.18605
#2	.19863	1.8492	.45771	.06754	2.8249	.27818	.18169

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.3834	.38299	.28374	F -.00806	.89621	.63630	.19259
Stddev	.0079	.00038	.01042	.00054	.00431	.00184	.00378
%RSD	.08384	.09857	3.6708	6.6721	.48115	.28879	1.9646

#1	9.3889	.38326	.27637	-.00844	.89316	.63760	.19527
#2	9.3778	.38272	.29110	-.00768	.89925	.63500	.18991

Sample Name: PB113970BS Acquired: 10/22/2018 13:20:21 Type: Unk
 Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA7589 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19478	5.191	.20323	F 2.1781	F<.00000
Stddev	.00068	.002	.00048	.0706	.16159
%RSD	.35130	.0363	.23836	3.2400	14.837

#1	.19429	5.192	.20357	2.2280	-1.2034
#2	.19526	5.189	.20289	2.1282	-.97488

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2864.1	43149.	4524.0	116.92	3448.1
Stddev	15.1	62.	9.4	2.36	17.2
%RSD	.52820	.14328	.20831	2.0210	.49942

#1	2853.4	43105.	4530.7	115.25	3435.9
#2	2874.8	43192.	4517.4	118.59	3460.3

Sample Name: CCV02 Acquired: 10/22/2018 13:24:14 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14032 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0532	4.8242	4.7744	5.0155	5.1044	10.357	9.6022	.24198
Stddev	.0068	.0113	.0019	.0089	.0015	.060	.2754	.00064
%RSD	.13488	.23436	.03977	.17758	.03016	.57825	2.8680	.26402
#1	5.0581	4.8162	4.7758	5.0092	5.1034	10.314	9.4075	.24243
#2	5.0484	4.8322	4.7731	5.0218	5.1055	10.399	9.7969	.24153
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3305	24.732	.98374	2.3684	1.2422	4.8550	2.4074	22.517
Stddev	.0011	.601	.00087	.0023	.0006	.0650	.0013	.692
%RSD	.04909	2.4306	.08893	.09533	.04952	1.3390	.05183	3.0747
#1	2.3297	24.307	.98312	2.3668	1.2427	4.8090	2.4083	22.028
#2	2.3313	25.157	.98435	2.3700	1.2418	4.9009	2.4065	23.007
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4507	1.2112	23.130	2.4098	2.2814	22.936	4.7962	4.6412
Stddev	.0057	.0030	.607	.0016	.0201	.563	.0001	.1052
%RSD	.23177	.24960	2.6254	.06535	.88170	2.4527	.00126	2.2663
#1	2.4467	1.2133	22.701	2.4109	2.2672	22.538	4.7961	4.5668
#2	2.4547	1.2091	23.560	2.4087	2.2956	23.334	4.7962	4.7156
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7576	4.5933	4.7086	4.7165	4.8016	4.776	4.9464	F 2.6387
Stddev	.0203	.1015	.0204	.0882	.1480	.016	.1510	.0361
%RSD	.42556	2.2098	.43237	1.8696	3.0826	.3428	3.0529	1.3685
#1	4.7719	4.5215	4.6942	4.6542	4.6969	4.765	4.8396	2.6132
#2	4.7433	4.6651	4.7230	4.7789	4.9062	4.788	5.0532	2.6642

Sample Name: CCV02 Acquired: 10/22/2018 13:24:14 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14032 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.2203
Stddev .1717
%RSD 14.067

#1 1.3417
#2 1.0989

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2794.2	41948.	4621.2	115.10	3196.2
Stddev	2.9	35.	90.4	.88	3.2
%RSD	.10511	.08296	1.9555	.76157	.10054

#1	2792.1	41923.	4685.1	115.72	3194.0
#2	2796.3	41972.	4557.3	114.48	3198.5

Sample Name: CCB02 Acquired: 10/22/2018 13:27:58 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14032 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00343	.00014	-.00173	.00072	.00003	-.00496	-.00092
Stddev	.00027	.00001	.00074	.00373	.00024	.00351	.00083
%RSD	7.9067	4.6456	42.937	515.43	821.03	70.740	90.980

#1	-.00362	.00014	-.00120	.00336	.00020	-.00248	-.00151
#2	-.00324	.00015	-.00225	-.00192	-.00014	-.00744	-.00033

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	.00009	.01588	.00005	.00028	-.00052	-.00429
Stddev	.00003	.00002	.00177	.00019	.00005	.00042	.00827
%RSD	787.64	17.045	11.142	393.90	18.810	81.956	192.60

#1	.00003	.00008	.01463	-.00009	.00032	-.00081	-.01014
#2	-.00002	.00010	.01713	.00018	.00025	-.00022	.00155

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.01945	.00198	.00017	-.04453	.00016	-.00039
Stddev	.00002	.01666	.00072	.00025	.01415	.00038	.00002
%RSD	54.333	85.682	36.346	144.32	31.776	236.76	3.9865

#1	.00004	.03123	.00249	-.00000	-.05454	.00043	-.00040
#2	.00002	.00767	.00147	.00035	-.03453	-.00011	-.00038

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11058	.00043	.00079	-.00399	-.00290	-.00042	-.00057
Stddev	.00907	.00012	.00419	.00014	.00316	.00028	.00043
%RSD	8.1981	28.878	532.79	3.4335	109.23	66.233	75.847

#1	.11699	.00034	.00375	-.00408	-.00513	-.00062	-.00087
#2	.10417	.00052	-.00218	-.00389	-.00066	-.00022	-.00026

Sample Name: CCB02 Acquired: 10/22/2018 13:27:58 Type: Unk
 Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14032 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00136	-.0003	.00001	F 1.9812	F<.00000
Stddev	.00131	.0008	.00003	.0379	.14134
%RSD	96.107	299.6	421.12	1.9130	63.877

#1	-.00228	.0003	-.00002	1.9544	-.32121
#2	-.00044	-.0009	.00003	2.0080	-.12133

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2888.1	43432.	4591.4	117.31	3522.4
Stddev	9.9	102.	34.0	1.28	9.6
%RSD	.34422	.23446	.74008	1.0950	.27280

#1	2881.0	43360.	4567.3	116.40	3515.7
#2	2895.1	43504.	4615.4	118.22	3529.2

Sample Name: PB114013BL Acquired: 10/22/2018 13:32:03 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-02-101818 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00386	-.00010	-.00025	.00439	.00047	-.00935	-.00083	.00012
Stddev	.00430	.00002	.00062	.00146	.00118	.00022	.00013	.00002
%RSD	111.43	18.603	250.55	33.253	249.08	2.3991	15.741	17.359
#1	-.00082	-.00012	-.00069	.00335	.00131	-.00951	-.00074	.00010
#2	-.00691	-.00009	.00019	.00542	-.00036	-.00920	-.00093	.00013
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.02336	.00031	.00006	-.00044	.01123	.00004	.02784
Stddev	.00008	.01489	.00001	.00020	.00002	.00348	.00003	.03857
%RSD	226.00	63.726	2.3288	312.71	4.5813	31.022	81.348	138.55
#1	-.00002	.01284	.00031	.00020	-.00046	.00877	.00006	.00057
#2	.00009	.03389	.00030	-.00008	-.00043	.01369	.00002	.05511
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00121	-.00007	-.05887	.00028	-.00031	.08901	.00014	.01171
Stddev	.00049	.00056	.01131	.00028	.00003	.00345	.00024	.00676
%RSD	40.569	750.07	19.215	99.122	8.2037	3.8802	176.55	57.725
#1	.00156	.00032	-.06686	.00048	-.00030	.09145	.00030	.00693
#2	.00087	-.00047	-.05087	.00008	-.00033	.08656	-.00003	.01649
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00166	-.00066	-.00100	-.00052	-.00174	-.0004	-.00002	F 2.1062
Stddev	.00155	.00275	.00016	.00069	.00051	.0008	.00007	.1322
%RSD	93.401	416.26	16.044	132.92	29.171	175.7	392.20	6.2753
#1	-.00056	.00128	-.00112	-.00003	-.00138	.0001	-.00007	2.1997
#2	-.00276	-.00260	-.00089	-.00101	-.00210	-.0010	.00003	2.0127

Sample Name: PB114013BL Acquired: 10/22/2018 13:32:03 Type: Unk
 Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: JC-02-101818 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F .15328
 Stddev .52944
 %RSD 345.40

#1 .52765
 #2 -.22108

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2842.0	42937.	4494.1	114.50	3463.1
Stddev	4.6	17.	8.9	2.17	.9
%RSD	.16075	.04014	.19746	1.8939	.02625

#1	2838.8	42925.	4500.4	112.97	3463.8
#2	2845.3	42949.	4487.8	116.03	3462.5

Sample Name: PB114013BS Acquired: 10/22/2018 13:36:07 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 0689-KM-CA-C Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.77937	1.8690	.92308	1.9731	.79545	1.9463	.19729
Stddev	.00280	.0025	.00149	.0011	.00067	.0043	.00009
%RSD	.35980	.13532	.16090	.05723	.08386	.21978	.04585

#1	.78135	1.8708	.92203	1.9739	.79592	1.9433	.19735
#2	.77738	1.8672	.92413	1.9723	.79498	1.9494	.19722

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19133	.18038	1.0281	.38639	.18429	.30358	2.7208
Stddev	.00039	.00018	.0118	.00086	.00008	.00116	.0115
%RSD	.20594	.09964	1.1524	.22352	.04459	.38072	.42103

#1	.19105	.18025	1.0197	.38700	.18424	.30439	2.7127
#2	.19161	.18050	1.0364	.38578	.18435	.30276	2.7289

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19883	1.8600	.45673	.06742	2.7645	.27780	.18253
Stddev	.00031	.0204	.00086	.00031	.0059	.00046	.00166
%RSD	.15748	1.0990	.18920	.46503	.21166	.16655	.90846

#1	.19905	1.8745	.45734	.06764	2.7604	.27747	.18371
#2	.19861	1.8456	.45612	.06720	2.7687	.27812	.18136

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.3373	.38266	.28103	F -.00489	.89227	.63690	.19180
Stddev	.0088	.00210	.00122	.00390	.00090	.00080	.00184
%RSD	.09428	.54811	.43370	79.646	.10045	.12570	.95802

#1	9.3435	.38414	.28017	-.00214	.89291	.63747	.19310
#2	9.3310	.38117	.28189	-.00765	.89164	.63634	.19050

Sample Name: PB114013BS Acquired: 10/22/2018 13:36:07 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 0689-KM-CA-C Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19320	5.169	.20125	F 2.0338	F<.00000
Stddev	.00156	.010	.00002	.1054	.06959
%RSD	.80495	.1979	.00857	5.1836	7.5175

#1	.19210	5.176	.20126	2.1083	-.97488
#2	.19430	5.161	.20124	1.9592	-.87647

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2867.0	43425.	4531.8	117.93	3454.7
Stddev	10.3	133.	15.2	1.24	9.3
%RSD	.35813	.30721	.33490	1.0493	.26893

#1	2859.7	43331.	4521.1	117.06	3448.2
#2	2874.2	43520.	4542.5	118.81	3461.3

Sample Name: PB114013TB Acquired: 10/22/2018 13:39:59 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 0692-KM-CA-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	-.00261	-.00167	.00024	F .00638	.00172	.01123	-.00192	.00006
Stddev	.00066	.00039	.00024	.00173	.00116	.00067	.00007	.00010
%RSD	25.514	23.436	100.71	27.102	67.581	6.0019	3.6586	159.93

#1	-.00214	-.00139	.00041	.00516	.00090	.01171	-.00197	-.00001
#2	-.00308	-.00194	.00007	.00760	.00254	.01076	-.00187	.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	.02670	.00079	-.00008	-.00036	.00664	.00012	.04367
Stddev	.00011	.00606	.00055	.00010	.00042	.00893	.00009	.01124
%RSD	119.72	22.696	69.099	122.84	115.51	134.47	79.969	25.739

#1	-.00016	.02242	.00118	-.00001	-.00007	.01295	.00018	.03572
#2	-.00001	.03099	.00040	-.00015	-.00066	.00033	.00005	.05162

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00291	.00145	F 269.52	.00001	.00100	.13896	.00020	.00355
Stddev	.00055	.00015	1.05	.00033	.00003	.01508	.00001	.00212
%RSD	18.924	10.331	.39140	5193.1	2.5374	10.855	6.5483	59.737

#1	.00330	.00155	268.77	.00024	.00098	.12829	.00021	.00205
#2	.00252	.00134	270.26	-.00023	.00101	.14962	.00019	.00504

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00256	.00273	-.00024	.00067	-.00090	-.0000	-.00005	F 3.3130
Stddev	.00269	.00210	.00007	.00077	.00154	.0001	.00003	.0105
%RSD	105.14	76.835	27.601	115.71	172.54	283.7	68.033	.31808

#1	-.00447	.00125	-.00028	.00012	.00020	.0000	-.00002	3.3204
#2	-.00066	.00421	-.00019	.00121	-.00199	-.0001	-.00007	3.3055

Sample Name: PB114013TB Acquired: 10/22/2018 13:39:59 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 0692-KM-CA-A Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .70791
Stddev .30150
%RSD 42.590

#1 .49472
#2 .92110

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2640.9	39330.	4562.7	116.71	3057.0
Stddev	9.1	35.	21.0	1.93	8.2
%RSD	.34563	.08848	.45971	1.6561	.26897

#1	2634.5	39305.	4577.5	115.34	3051.2
#2	2647.4	39354.	4547.9	118.08	3062.9

Sample Name: PB114014BL Acquired: 10/22/2018 13:44:09 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FK-BPM-03-00 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00017	.00032	-.00136	.00337	.00035	-.01078	-.00113
Stddev	.00143	.00081	.00059	.00171	.00014	.00051	.00078
%RSD	846.60	253.96	43.369	50.630	40.463	4.7334	68.894

#1	-.00118	-.00025	-.00094	.00458	.00045	-.01114	-.00058
#2	.00084	.00089	-.00178	.00216	.00025	-.01041	-.00168

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	.00006	.00406	.00017	.00036	-.00051	.01010
Stddev	.00000	.00013	.00335	.00031	.00019	.00032	.00076
%RSD	3.7683	227.53	82.528	179.78	51.978	62.796	7.5564

#1	.00011	-.00003	.00169	-.00005	.00049	-.00028	.00956
#2	.00011	.00015	.00642	.00039	.00023	-.00073	.01064

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.00193	.00170	.00032	-.01865	.00049	-.00046
Stddev	.00000	.01575	.00019	.00001	.00201	.00007	.00014
%RSD	42.567	815.69	11.224	4.3118	10.795	14.351	30.122

#1	.00001	.00921	.00157	.00031	-.01723	.00054	-.00055
#2	.00001	-.01307	.00184	.00033	-.02008	.00044	-.00036

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07871	.00006	.00070	-.00472	-.00136	-.00109	.00043
Stddev	.02359	.00003	.00389	.00116	.00145	.00052	.00112
%RSD	29.978	46.875	554.36	24.476	106.71	47.807	263.51

#1	.09539	.00008	-.00205	-.00554	-.00033	-.00145	-.00037
#2	.06202	.00004	.00345	-.00391	-.00239	-.00072	.00122

Sample Name: PB114014BL Acquired: 10/22/2018 13:44:09 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FK-BPM-03-00 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00140	.0015	-.00005	F 2.1974	F<.00000
Stddev	.00041	.0014	.00004	.2044	.39866
%RSD	29.530	90.70	87.871	9.3038	73.328

#1	-.00111	.0024	-.00007	2.0529	-.82555
#2	-.00169	.0005	-.00002	2.3420	-.26177

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2875.7	43204.	4533.2	114.47	3518.9
Stddev	17.7	38.	20.1	.47	21.5
%RSD	.61531	.08705	.44398	.40666	.61125

#1	2863.1	43230.	4547.5	114.80	3503.7
#2	2888.2	43177.	4519.0	114.14	3534.2

Sample Name: PB114014BS Acquired: 10/22/2018 13:48:14 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 7-1-ROLLOFFS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.79978	1.8992	.94814	2.0115	.81447	2.0145	.20187
Stddev	.00453	.0026	.00052	.0070	.00329	.0114	.00075
%RSD	.56695	.13825	.05435	.35037	.40451	.56746	.37394

#1	.79657	1.9011	.94851	2.0164	.81680	2.0064	.20240
#2	.80298	1.8974	.94778	2.0065	.81214	2.0225	.20133

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19440	.18325	1.0331	.39615	.18850	.31039	2.8133
Stddev	.00004	.00001	.0203	.00261	.00055	.00140	.0056
%RSD	.02207	.00389	1.9684	.65909	.29238	.45213	.19741

#1	.19443	.18325	1.0475	.39431	.18889	.31139	2.8172
#2	.19437	.18326	1.0187	.39800	.18811	.30940	2.8093

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20251	1.8698	.46456	.06807	2.8134	.28146	.19060
Stddev	.00035	.0238	.00045	.00050	.0156	.00019	.00174
%RSD	.17347	1.2712	.09776	.72987	.55599	.06604	.91092

#1	.20226	1.8530	.46424	.06842	2.8244	.28159	.19183
#2	.20276	1.8866	.46488	.06772	2.8023	.28133	.18938

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.4381	.38822	.29205	F -.00652	.90089	.64543	.19181
Stddev	.0079	.00004	.00531	.00269	.00537	.00127	.00129
%RSD	.08373	.01073	1.8179	41.343	.59557	.19641	.67002

#1	9.4437	.38819	.28830	-.00461	.90469	.64633	.19272
#2	9.4325	.38824	.29581	-.00842	.89710	.64454	.19091

Sample Name: PB114014BS Acquired: 10/22/2018 13:48:14 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 7-1-ROLLOFFS Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19650	5.274	.20658	F 2.2571	F<.00000
Stddev	.00273	.009	.00038	.0780	.42324
%RSD	1.3896	.1772	.18320	3.4572	46.015

#1	.19457	5.280	.20685	2.2020	-.62051
#2	.19843	5.267	.20632	2.3123	-1.2191

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2853.2	43074.	4539.1	115.80	3448.3
Stddev	1.9	165.	42.5	1.17	5.4
%RSD	.06581	.38281	.93611	1.0127	.15790

#1	2851.9	43191.	4509.0	114.97	3444.4
#2	2854.5	42958.	4569.1	116.63	3452.1

Sample Name: PB114014TB Acquired: 10/22/2018 13:52:05 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LS-SOIL-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	-.00445	-.00224	-.00052	.00326	-.00004	.00365	-.00253	-.00009
Stddev	.00031	.00091	.00035	.00193	.00097	.00129	.00054	.00003
%RSD	6.9336	40.736	66.856	59.025	2513.9	35.300	21.226	31.069

#1	-.00467	-.00159	-.00077	.00463	-.00073	.00456	-.00215	-.00010
#2	-.00423	-.00288	-.00028	.00190	.00065	.00274	-.00291	-.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	.02847	.00070	.00010	.00029	.01483	.00007	.01778
Stddev	.00016	.01606	.00009	.00018	.00026	.00289	.00002	.02468
%RSD	212.86	56.398	12.793	168.84	91.452	19.482	34.262	138.76

#1	.00004	.01712	.00064	.00023	.00047	.01279	.00005	.03523
#2	-.00018	.03982	.00077	-.00002	.00010	.01688	.00008	.00033

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00361	.00185	F 271.77	.00016	.00108	.17306	.00038	.00313
Stddev	.00002	.00017	.32	.00010	.00002	.01130	.00022	.00098
%RSD	.66126	9.4452	.11872	60.198	2.2705	6.5293	56.695	31.254

#1	.00362	.00173	271.55	.00009	.00106	.18105	.00053	.00244
#2	.00359	.00198	272.00	.00023	.00110	.16507	.00023	.00382

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00077	.00538	-.00068	.00051	-.00192	-.0005	.00010	F 3.4342
Stddev	.00415	.00038	.00012	.00071	.00132	.0011	.00006	.0489
%RSD	540.93	7.0801	18.433	139.23	68.902	209.9	61.195	1.4247

#1	-.00370	.00565	-.00059	.00101	-.00098	.0003	.00006	3.3996
#2	.00217	.00511	-.00076	.00001	-.00285	-.0013	.00014	3.4688

Sample Name: PB114014TB Acquired: 10/22/2018 13:52:05 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LS-SOIL-1 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .07719
Stddev	.02016
%RSD	26.117

#1	.09144
#2	.06293

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2621.0	39449.	4571.3	114.92	3055.7
Stddev	16.7	73.	34.5	1.95	13.8
%RSD	.63610	.18525	.75506	1.6972	.45259

#1	2609.2	39397.	4595.8	113.54	3046.0
#2	2632.8	39500.	4546.9	116.30	3065.5

Sample Name: J5541-01 Acquired: 10/22/2018 13:56:17 Type: Unk
Method: P4-ICP2(v2516) 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	.00151	.00042	.00022	.00099	-.00102	.00562	.01112	.00015
Stddev	.00086	.00044	.00032	.00020	.00134	.00539	.00064	.00002
%RSD	56.892	104.21	142.71	20.183	131.84	95.901	5.7800	10.222

#1	.00090	.00073	.00045	.00113	-.00007	.00181	.01066	.00014
#2	.00211	.00011	-.00000	.00085	-.00196	.00943	.01157	.00016

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	25.289	.00035	.00034	.00152	.01540	.00117	5.7782
Stddev	.00004	.209	.00010	.00014	.00027	.00865	.00000	.0441
%RSD	488.68	.82826	28.372	41.381	17.677	56.136	.22851	.76248

#1	.00002	25.437	.00042	.00024	.00171	.02152	.00118	5.8094
#2	-.00003	25.141	.00028	.00044	.00133	.00929	.00117	5.7471

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00173	-.00009	24.731	.00085	-.00015	1.9052	.00021	.01481
Stddev	.00022	.00071	.242	.00056	.00001	.0275	.00023	.00436
%RSD	12.671	790.25	.97771	65.160	5.8034	1.4446	108.68	29.439

#1	.00189	-.00059	24.902	.00125	-.00016	1.8858	.00005	.01172
#2	.00158	.00041	24.560	.00046	-.00014	1.9247	.00037	.01789

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.2454	1.3652	-.00171	-.00120	-.00292	.0474	.12465	1.7622
Stddev	.0076	.0115	.00012	.00147	.00083	.0006	.00008	.0915
%RSD	.18029	.84318	7.3210	122.31	28.439	1.245	.06598	5.1930

#1	4.2400	1.3733	-.00179	-.00225	-.00351	.0470	.12459	1.6974
#2	4.2508	1.3570	-.00162	-.00016	-.00233	.0478	.12471	1.8269

Sample Name: J5541-01 Acquired: 10/22/2018 13:56:17 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.4064
Stddev	.2362
%RSD	16.794

#1	1.2393
#2	1.5734

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2946.1	44354.	4657.5	121.18	3544.9
Stddev	5.4	128.	46.2	2.83	6.4
%RSD	.18269	.28959	.99134	2.3315	.17921

#1	2942.3	44445.	4624.8	119.19	3540.4
#2	2949.9	44263.	4690.1	123.18	3549.4

Sample Name: J5541-01DUP Acquired: 10/22/2018 14:00:20 Type: Unk
Method: P4-ICP2(v2516) 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	-.00221	.00044	.00040	.00230	-.00066	.00469	.01162	.00009
Stddev	.00171	.00025	.00121	.00268	.00204	.00424	.00022	.00009
%RSD	77.314	55.820	298.71	116.88	307.73	90.344	1.9250	103.95

#1	-.00100	.00062	.00126	.00040	.00078	.00169	.01178	.00015
#2	-.00342	.00027	-.00045	.00420	-.00210	.00769	.01146	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	25.744	.00031	.00015	.00162	.00738	.00115	5.7990
Stddev	.00014	.812	.00021	.00015	.00020	.00970	.00003	.3068
%RSD	522.94	3.1532	66.498	100.59	12.488	131.43	2.5427	5.2899

#1	-.00007	26.318	.00046	.00026	.00177	.01423	.00113	6.0159
#2	.00013	25.170	.00017	.00004	.00148	.00052	.00117	5.5821

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00173	-.00022	25.240	.00086	-.00009	1.9203	.00053	.01803
Stddev	.00021	.00045	.710	.00026	.00001	.1487	.00036	.00407
%RSD	12.187	206.94	2.8135	30.029	16.136	7.7463	68.718	22.575

#1	.00158	.00010	25.742	.00104	-.00010	2.0255	.00027	.01515
#2	.00188	-.00054	24.738	.00067	-.00008	1.8151	.00078	.02091

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.3013	1.3788	-.00254	-.00079	-.00349	.0465	.12820	1.9980
Stddev	.0171	.0326	.00057	.00132	.00023	.0003	.00424	.0314
%RSD	.39865	2.3670	22.368	167.67	6.6356	.7321	3.3088	1.5713

#1	4.2892	1.4019	-.00214	.00015	-.00332	.0467	.13120	1.9758
#2	4.3134	1.3557	-.00294	-.00172	-.00365	.0462	.12520	2.0202

Sample Name: J5541-01DUP Acquired: 10/22/2018 14:00:20 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .21450
Stddev .34501
%RSD 160.84

#1 .45846
#2 -.02946

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2897.3	43570.	4564.2	117.27	3496.6
Stddev	8.6	68.	105.8	1.99	.3
%RSD	.29550	.15519	2.3169	1.6999	.00784

#1	2891.3	43618.	4489.4	115.86	3496.4
#2	2903.4	43523.	4639.0	118.68	3496.8

Sample Name: J5541-01LX5 Acquired: 10/22/2018 14:04:23 Type: Unk
Method: P4-ICP2(v2516) 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	-.00183	-.00015	-.00089	.00467	-.00085	-.00584	.00080	.00014
Stddev	.00644	.00157	.00075	.00038	.00116	.00041	.00042	.00010
%RSD	351.97	1058.8	85.218	8.1249	135.39	7.0959	52.026	75.138

#1	.00273	-.00125	-.00142	.00494	-.00004	-.00613	.00110	.00021
#2	-.00639	.00096	-.00035	.00440	-.00167	-.00555	.00051	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	4.4129	.00019	.00026	.00031	.01399	.00021	1.0072
Stddev	.00011	.0086	.00048	.00005	.00023	.00639	.00002	.0088
%RSD	160.65	.19381	257.15	20.623	74.868	45.671	9.5856	.87344

#1	-.00001	4.4068	-.00015	.00022	.00048	.01851	.00023	1.0010
#2	.00014	4.4189	.00053	.00030	.00015	.00947	.00020	1.0134

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00180	.00000	4.3468	-.00036	.00061	.41024	.00042	.00642
Stddev	.00053	.00058	.0161	.00031	.00003	.03148	.00022	.00549
%RSD	29.434	61997.	.37110	84.677	5.3309	7.6743	53.175	85.463

#1	.00218	-.00041	4.3354	-.00058	.00059	.43250	.00057	.00254
#2	.00143	.00041	4.3582	-.00015	.00064	.38798	.00026	.01030

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.75475	.24367	-.00060	.00037	-.00283	.0087	.02233	2.5666
Stddev	.06432	.00171	.00037	.00061	.00093	.0009	.00019	.0213
%RSD	8.5215	.70278	61.566	163.95	33.031	9.717	.85408	.82857

#1	.70927	.24246	-.00034	-.00006	-.00349	.0094	.02247	2.5816
#2	.80023	.24488	-.00086	.00080	-.00217	.0081	.02220	2.5515

Sample Name: J5541-01LX5 Acquired: 10/22/2018 14:04:23 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.21277
%RSD	32.890

#1	-.79736
#2	-.49646

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2920.7	42048.	4438.6	112.19	3583.0
Stddev	115.3	18.	69.0	.93	156.4
%RSD	3.9461	.04165	1.5548	.82985	4.3639

#1	3002.2	42061.	4389.8	111.53	3693.6
#2	2839.2	42036.	4487.4	112.85	3472.5

Sample Name: J5541-01MS Acquired: 10/22/2018 14:08:25 Type: Unk
Method: P4-ICP2(v2516) 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	.93528	2.1658	1.0859	2.3829	.95970	2.3502	.24141	.23564
Stddev	.00676	.0058	.0053	.0032	.00465	.0107	.00353	.00049
%RSD	.72300	.26833	.48624	.13560	.48427	.45682	1.4614	.20705
#1	.93050	2.1617	1.0821	2.3852	.95642	2.3578	.24390	.23530
#2	.94007	2.1699	1.0896	2.3806	.96299	2.3426	.23891	.23599
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21200	26.028	.45056	.21508	.35523	3.1655	.23058	7.7238
Stddev	.00017	.293	.00210	.00023	.00032	.1213	.00072	.0311
%RSD	.07832	1.1269	.46504	.10765	.08994	3.8332	.31115	.40261
#1	.21212	26.235	.45204	.21525	.35501	3.2513	.23007	7.7458
#2	.21189	25.820	.44907	.21492	.35546	3.0797	.23108	7.7018
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.52888	.07902	27.644	.32384	.22132	12.711	.44399	.33265
Stddev	.00073	.00058	.071	.00202	.00591	.110	.00138	.00370
%RSD	.13882	.72820	.25507	.62245	2.6687	.86328	.31121	1.1118
#1	.52940	.07942	27.694	.32241	.22550	12.789	.44496	.33527
#2	.52836	.07861	27.595	.32526	.21714	12.633	.44301	.33003
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.2156	2.3795	.75742	.22473	.22405	6.393	.35467	2.1258
Stddev	.0144	.0048	.00036	.00440	.00172	.012	.00219	.1613
%RSD	.34273	.20131	.04696	1.9568	.76795	.1909	.61681	7.5881
#1	4.2054	2.3829	.75767	.22784	.22526	6.385	.35622	2.2399
#2	4.2259	2.3761	.75717	.22162	.22283	6.402	.35312	2.0118

Sample Name: J5541-01MS Acquired: 10/22/2018 14:08:25 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .32804
%RSD 305.54

#1 .12460
#2 -.33933

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2883.0	43493.	4602.1	119.11	3441.8
Stddev	8.9	163.	23.9	3.77	9.9
%RSD	.30916	.37468	.51828	3.1622	.28770

#1	2876.7	43378.	4585.2	116.45	3434.8
#2	2889.3	43608.	4619.0	121.78	3448.8

Sample Name: CCV03 Acquired: 10/22/2018 14:12:13 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14033 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0751	4.7251	4.7284	5.0175	5.1330	10.396	9.7376	.23925
Stddev	.0703	.0421	.0522	.0574	.0533	.013	.0286	.00265
%RSD	1.3852	.89081	1.1051	1.1436	1.0384	.12556	.29408	1.1096
#1	5.1248	4.7549	4.7653	5.0580	5.1706	10.405	9.7578	.24112
#2	5.0254	4.6954	4.6914	4.9769	5.0953	10.387	9.7173	.23737
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2902	24.848	.96482	2.3358	1.2351	4.8059	2.3731	22.606
Stddev	.0258	.190	.01013	.0263	.0161	.0923	.0300	.187
%RSD	1.1257	.76447	1.0498	1.1270	1.3026	1.9211	1.2621	.82579
#1	2.3085	24.714	.97198	2.3544	1.2465	4.8712	2.3943	22.738
#2	2.2720	24.983	.95766	2.3172	1.2238	4.7406	2.3519	22.474
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3900	1.1927	23.051	2.3445	2.2695	22.764	4.7251	4.6392
Stddev	.0286	.0134	.078	.0291	.0602	.117	.0440	.0035
%RSD	1.1969	1.1242	.33827	1.2433	2.6533	.51340	.93156	.07479
#1	2.4102	1.2021	23.106	2.3651	2.3121	22.681	4.7563	4.6417
#2	2.3698	1.1832	22.996	2.3238	2.2269	22.847	4.6940	4.6368
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6743	4.5624	4.6041	4.7415	4.8283	4.711	5.0168	F 2.8337
Stddev	.0478	.0194	.0425	.0037	.0008	.058	.0092	.2002
%RSD	1.0224	.42571	.92263	.07803	.01635	1.232	.18389	7.0651
#1	4.7081	4.5761	4.6342	4.7389	4.8278	4.752	5.0103	2.9753
#2	4.6405	4.5486	4.5741	4.7441	4.8289	4.670	5.0233	2.6922

Sample Name: CCV03 Acquired: 10/22/2018 14:12:13 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14033 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 1.4303
Stddev	.3484
%RSD	24.358

#1	1.6767
#2	1.1840

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2762.2	41867.	4596.0	114.84	3196.2
Stddev	30.1	587.	28.0	3.12	40.2
%RSD	1.0906	1.4017	.60991	2.7166	1.2585

#1	2740.9	41452.	4576.2	112.63	3167.7
#2	2783.5	42282.	4615.8	117.05	3224.6

Sample Name: CCB03 Acquired: 10/22/2018 14:15:56 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14033 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00273	-.00060	-.00073	.00429	-.00003	-.00505	-.00143
Stddev	.00099	.00048	.00083	.00023	.00135	.00741	.00012
%RSD	36.200	80.630	113.42	5.2638	4153.4	146.63	8.5336

#1	-.00342	-.00094	-.00015	.00445	-.00099	.00019	-.00152
#2	-.00203	-.00026	-.00132	.00413	.00092	-.01029	-.00135

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	.00011	.01975	.00003	.00041	-.00034	.00754
Stddev	.00011	.00015	.01218	.00015	.00001	.00012	.00938
%RSD	84.115	139.60	61.635	529.62	1.5758	34.063	124.39

#1	.00020	.00000	.02836	-.00008	.00042	-.00026	.01418
#2	.00005	.00021	.01115	.00013	.00041	-.00042	.00091

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.02233	.00163	.00009	-.05008	.00017	-.00030
Stddev	.00001	.04094	.00007	.00033	.00028	.00038	.00010
%RSD	32.852	183.34	4.5582	355.24	.56618	226.17	32.019

#1	-.00001	.05128	.00158	.00032	-.05028	-.00010	-.00037
#2	-.00002	-.00662	.00168	-.00014	-.04988	.00044	-.00023

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09719	.00032	.00683	-.00363	.00248	-.00064	-.00019
Stddev	.01481	.00020	.01353	.00713	.00164	.00024	.00116
%RSD	15.242	60.939	198.16	196.23	65.989	37.190	608.45

#1	.10766	.00046	.01640	.00141	.00132	-.00047	.00063
#2	.08671	.00018	-.00274	-.00868	.00364	-.00081	-.00101

Sample Name: CCB03 Acquired: 10/22/2018 14:15:56 Type: Unk
 Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14033 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00330	.0000	-.00012	F 2.4670	F<.00000
Stddev	.00121	.0018	.00006	.1335	.64789
%RSD	36.610	54740.	47.820	5.4105	135.28

#1	-.00415	.0013	-.00017	2.3727	-.93707
#2	-.00244	-.0013	-.00008	2.5614	-.02081

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2802.6	42787.	4554.1	116.95	3463.1
Stddev	12.6	145.	16.6	2.16	15.7
%RSD	.45033	.33797	.36524	1.8492	.45291

#1	2793.7	42889.	4565.8	118.48	3452.0
#2	2811.6	42685.	4542.3	115.42	3474.2

Sample Name: J5541-01MSD Acquired: 10/22/2018 14:19:59 Type: Unk
Method: P4-ICP2(v2516) 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	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.93246	2.1362	1.0770	2.3630	.95314	2.3486	.23833	.23389	.20941
Stddev	.00095	.0047	.0037	.0036	.00237	.0173	.00068	.00018	.00024
%RSD	.10208	.22179	.34023	.15216	.24863	.73666	.28638	.07552	.11374
#1	.93179	2.1328	1.0796	2.3604	.95146	2.3364	.23881	.23402	.20958
#2	.93314	2.1395	1.0744	2.3655	.95482	2.3608	.23784	.23377	.20924
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.887	.44741	.21343	.35057	3.0956	.22893	7.5906	.52273	.07793
Stddev	.036	.00008	.00002	.00143	.0227	.00045	.0517	.00128	.00013
%RSD	.13737	.01699	.00867	.40763	.73153	.19820	.68161	.24572	.16931
#1	25.912	.44735	.21342	.35158	3.0796	.22925	7.6272	.52364	.07784
#2	25.862	.44746	.21345	.34956	3.1117	.22861	7.5540	.52182	.07802
Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.223	.31787	.21722	12.545	.43906	.34480	4.1627	2.3511	.74501
Stddev	.011	.00065	.00326	.043	.00030	.00841	.0007	.0025	.00443
%RSD	.04194	.20373	1.5005	.34568	.06902	2.4390	.01620	.10486	.59492
#1	27.215	.31833	.21491	12.514	.43885	.35074	4.1632	2.3493	.74188
#2	27.231	.31742	.21952	12.575	.43928	.33885	4.1623	2.3528	.74814
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.21960	.22056	6.314	.35233	2.1449	.26631			
Stddev	.00019	.00224	.021	.00083	.0099	.63982			
%RSD	.08609	1.0143	.3266	.23667	.46038	240.25			
#1	.21946	.22214	6.299	.35174	2.1519	.71873			
#2	.21973	.21897	6.329	.35292	2.1380	-.18611			

Sample Name: J5541-01MSD Acquired: 10/22/2018 14:19:59 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC 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	2894.9	43809.	4683.3	121.33	3472.9
Stddev	10.1	20.	16.7	1.28	10.8
%RSD	.34888	.04647	.35677	1.0577	.31080
#1	2887.7	43794.	4695.1	122.24	3465.3
#2	2902.0	43823.	4671.5	120.42	3480.6

Sample Name: J5541-01A Acquired: 10/22/2018 14:23:47 Type: Unk
Method: P4-ICP2(v2516) 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	.93958	2.1472	1.0801	2.3761	.95673	2.3264	.24038	.23235
Stddev	.00091	.0062	.0006	.0009	.00030	.0116	.00170	.00114
%RSD	.09642	.29008	.05560	.03622	.03126	.49930	.70802	.48908

#1	.94022	2.1516	1.0797	2.3767	.95694	2.3182	.24158	.23155
#2	.93894	2.1428	1.0805	2.3755	.95652	2.3346	.23917	.23315

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21018	25.864	.44656	.21397	.35201	3.1011	.22740	7.7076
Stddev	.00062	.354	.00309	.00035	.00170	.0250	.00101	.0088
%RSD	.29342	1.3690	.69242	.16488	.48392	.80567	.44203	.11410

#1	.21062	26.114	.44438	.21373	.35321	3.1188	.22669	7.7014
#2	.20974	25.613	.44875	.21422	.35080	3.0835	.22811	7.7139

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.52495	.07795	27.505	.31614	.21869	12.614	.44078	.33791
Stddev	.00135	.00088	.248	.00212	.00324	.072	.00205	.00331
%RSD	.25799	1.1311	.90237	.66949	1.4800	.56817	.46455	.98052

#1	.52591	.07732	27.681	.31464	.22097	12.664	.44223	.34025
#2	.52399	.07857	27.330	.31764	.21640	12.563	.43933	.33556

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.1728	2.3772	.74817	.22346	.22338	6.339	.35450	2.3704
Stddev	.0086	.0266	.00003	.00051	.00062	.005	.00335	.1039
%RSD	.20732	1.1207	.00455	.22791	.27670	.0772	.94360	4.3826

#1	4.1789	2.3960	.74815	.22310	.22294	6.342	.35686	2.2969
#2	4.1667	2.3583	.74819	.22382	.22381	6.335	.35213	2.4439

Sample Name: J5541-01A Acquired: 10/22/2018 14:23:47 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .07045
%RSD 11.511

#1 -.56220
#2 -.66183

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2861.0	43587.	4598.4	119.46	3429.3
Stddev	6.8	281.	45.8	1.78	6.6
%RSD	.23870	.64508	.99492	1.4933	.19185

#1	2856.2	43785.	4566.0	118.20	3424.7
#2	2865.8	43388.	4630.8	120.73	3434.0

Sample Name: PB114059BL Acquired: 10/22/2018 14:27:35 Type: Unk
Method: P4-ICP2(v2516) 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	-.00237	-.00025	-.00012	.00301	-.00002	-.01703	-.00274
Stddev	.00291	.00057	.00002	.00191	.00116	.00892	.00027
%RSD	122.63	232.65	20.885	63.447	5055.7	52.388	9.7952

#1	-.00032	-.00065	-.00014	.00166	-.00084	-.02334	-.00255
#2	-.00443	.00016	-.00010	.00436	.00079	-.01072	-.00293

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	-.00001	.02219	-.00005	.00040	-.00032	.00721
Stddev	.00001	.00013	.00185	.00036	.00005	.00041	.00563
%RSD	10.356	1146.8	8.3341	709.26	13.145	129.75	78.073

#1	.00009	.00008	.02088	-.00030	.00044	-.00061	.01119
#2	.00010	-.00010	.02350	.00020	.00037	-.00003	.00323

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	-.00207	.00231	-.00035	-.05203	-.00003	-.00036
Stddev	.00005	.01026	.00033	.00022	.00283	.00025	.00007
%RSD	121.59	495.42	14.371	62.075	5.4466	813.77	18.680

#1	-.00001	-.00933	.00255	-.00051	-.05404	-.00021	-.00041
#2	-.00008	.00519	.00208	-.00020	-.05003	.00015	-.00032

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10654	.00051	.00542	-.00119	.00171	-.00072	-.00161
Stddev	.01614	.00008	.00110	.00076	.00366	.00061	.00189
%RSD	15.151	15.073	20.287	64.153	213.93	85.598	117.38

#1	.09512	.00056	.00620	-.00172	.00429	-.00028	-.00295
#2	.11795	.00045	.00464	-.00065	-.00088	-.00115	-.00027

Sample Name: PB114059BL Acquired: 10/22/2018 14:27:35 Type: Unk
Method: P4-ICP2(v2516) 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	-0.00215	-0.0005	.00001	F 2.4988	F<.00000
Stddev	.00050	.0006	.00004	.0437	.27816
%RSD	23.211	117.4	372.35	1.7475	27.142

#1	-0.00180	-0.0001	.00004	2.5297	-1.2215
#2	-0.00251	-0.0010	-0.00002	2.4679	-0.82817

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2773.3	42654.	4616.2	118.45	3438.7
Stddev	14.4	39.	59.8	1.15	11.3
%RSD	.52080	.09202	1.2952	.97004	.32947

#1	2763.1	42682.	4658.5	117.64	3430.7
#2	2783.5	42626.	4573.9	119.27	3446.7

Sample Name: PB114059BS Acquired: 10/22/2018 14:31:38 Type: Unk
Method: P4-ICP2(v2516) 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	.81338	1.9015	.95117	2.0414	.82841	2.0515	.20031
Stddev	.00262	.0008	.00200	.0022	.00010	.0161	.00017
%RSD	.32213	.04474	.21030	.10553	.01223	.78517	.08645

#1	.81524	1.9009	.94975	2.0429	.82834	2.0402	.20044
#2	.81153	1.9021	.95258	2.0399	.82848	2.0629	.20019

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19622	.18333	1.0448	.39354	.18915	.31279	2.8015
Stddev	.00002	.00001	.0007	.00131	.00012	.00054	.0041
%RSD	.01005	.00384	.06868	.33328	.06188	.17248	.14781

#1	.19624	.18333	1.0443	.39261	.18907	.31240	2.7985
#2	.19621	.18334	1.0453	.39446	.18923	.31317	2.8044

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20359	1.8973	.46268	.06847	2.7792	.27787	.18926
Stddev	.00025	.0274	.00111	.00053	.0145	.00310	.00216
%RSD	.12456	1.4435	.24081	.77438	.52237	1.1146	1.1412

#1	.20377	1.8779	.46346	.06810	2.7895	.27568	.19078
#2	.20341	1.9167	.46189	.06885	2.7689	.28006	.18773

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.2817	.38830	.28799	F -.00593	.89714	.64591	.19500
Stddev	.0254	.00038	.00221	.00008	.00142	.00354	.00076
%RSD	.27380	.09773	.76786	1.2923	.15823	.54756	.38741

#1	9.2997	.38857	.28955	-.00599	.89614	.64340	.19446
#2	9.2637	.38803	.28642	-.00588	.89815	.64841	.19553

Sample Name: PB114059BS Acquired: 10/22/2018 14:31:38 Type: Unk
Method: P4-ICP2(v2516) 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	.19623	5.298	.20818	F 2.6202	F<.00000
Stddev	.00051	.002	.00038	.1235	.31813
%RSD	.26192	.0405	.18056	4.7134	26.068

#1	.19660	5.299	.20845	2.7075	-1.4453
#2	.19587	5.296	.20792	2.5328	-.99543

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2772.5	42342.	4529.5	115.42	3378.0
Stddev	8.8	182.	26.2	1.43	14.8
%RSD	.31598	.42959	.57874	1.2406	.43855

#1	2766.3	42214.	4511.0	114.41	3367.5
#2	2778.7	42471.	4548.1	116.43	3388.5

Sample Name: J5538-01 Acquired: 10/22/2018 14:35:29 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TKD-01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k -.02886	k -.08109	^ *****	k -.40821	k -.83187	k 6.4545	.64339
Stddev	.00690	.00529	-----	.01238	.00073	.1205	.00116
%RSD	23.895	6.5284	-----	3.0331	.08788	1.8676	.17962

#1	k -.02398	k -.08483	^ -----	k -.39946	k -.83135	k 6.3693	.64421
#2	k -.03373	k -.07734	^ -----	k -.41697	k -.83238	k 6.5397	.64258

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00130	k -.06568	k 17.594	kF 42.720	1.3638	kF 1343.5	kF 990.13
Stddev	.00040	.00031	.246	.464	.0006	8.9	37.14
%RSD	30.890	.47871	1.4010	1.0864	.04163	.66281	3.7513

#1	.00159	k -.06545	k 17.768	k 42.392	1.3634	k 1349.8	k 1016.4
#2	.00102	k -.06590	k 17.420	k 43.048	1.3642	k 1337.2	k 963.87

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8244	20.959	F 706.32	k -.09339	45.371	k .00376	k 29.767
Stddev	.0014	.035	4.90	.00041	.185	.00053	1.349
%RSD	.02829	.16644	.69314	.43776	.40732	14.060	4.5325

#1	4.8234	20.984	709.78	k -.09310	45.501	k .00414	k 30.721
#2	4.8254	20.935	702.86	k -.09368	45.240	k .00339	k 28.813

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.240	.14088	k 1.6292	kF 85.520	kF 59.407	k .21400	2.5022
Stddev	.156	.00014	.0322	.027	.924	.00017	.0047
%RSD	.70188	.09925	1.9743	.03167	1.5557	.07966	.18799

#1	22.350	.14078	k 1.6520	k 85.539	k 60.060	k .21388	2.5055
#2	22.130	.14098	k 1.6065	k 85.501	k 58.753	k .21412	2.4988

Sample Name: J5538-01 Acquired: 10/22/2018 14:35:29 Type: Unk
 Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TKD-01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01033	kF 94.46	.33732	2.6601	F<.00000
Stddev	.00043	.02	.00363	.0474	.53512
%RSD	4.1164	.0190	1.0764	1.7809	.22219

#1	.01063	k 94.48	.33988	2.6266	-240.47
#2	.01003	k 94.45	.33475	2.6936	-241.22

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1836.0	37761.	4571.3	79.908	2483.3
Stddev	19.2	102.	77.3	3.951	18.0
%RSD	1.0453	.26951	1.6905	4.9440	.72425

#1	1822.5	37689.	4516.6	77.115	2470.6
#2	1849.6	37833.	4625.9	82.702	2496.0

Sample Name: J5569-02 Acquired: 10/22/2018 14:39:36 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RLF-GW-9S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00047	-.00673	.00557	.00431	-.00065	-.04899	.48414	-.00016
Stddev	.00166	.00165	.00125	.00223	.00005	.01790	.00217	.00004
%RSD	354.70	24.515	22.505	51.686	7.8432	36.536	.44921	21.881

#1	.00071	-.00790	.00646	.00273	-.00061	-.03633	.48261	-.00019
#2	-.00164	-.00557	.00469	.00588	-.00069	-.06165	.48568	-.00014

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	521.94	-.00236	.00793	.00681	4.4924	4.1047	84.738
Stddev	.00006	2.19	.00038	.00018	.00038	.1201	.0069	.819
%RSD	49.710	.41938	16.053	2.3038	5.6250	2.6730	.16828	.96627

#1	-.00018	520.39	-.00262	.00806	.00708	4.4074	4.0999	84.159
#2	-.00008	523.49	-.00209	.00780	.00654	4.5773	4.1096	85.317

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01322	.00029	35.434	.00078	.02040	23.445	.00036	.67428
Stddev	.00063	.00014	.093	.00003	.00031	.060	.00020	.00561
%RSD	4.7774	48.504	.26188	3.7806	1.5228	.25794	54.681	.83196

#1	.01366	.00039	35.368	.00080	.02018	23.487	.00050	.67825
#2	.01277	.00019	35.499	.00076	.02062	23.402	.00022	.67032

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 110.79	F 16.538	-.04063	-.01474	.03892	.0254	2.6959	4.4673
Stddev	.40	.012	.00000	.00016	.00110	.0013	.0045	.0268
%RSD	.36370	.07321	.00046	1.0536	2.8206	5.081	.16696	.59941

#1	111.07	16.530	-.04063	-.01485	.03970	.0244	2.6927	4.4484
#2	110.50	16.547	-.04063	-.01463	.03815	.0263	2.6990	4.4863

Sample Name: J5569-02 Acquired: 10/22/2018 14:39:36 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RLF-GW-9S Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	3.6672
Stddev	.1890
%RSD	5.1547

#1	3.8009
#2	3.5336

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2430.4	37352.	4349.0	106.70	2821.9
Stddev	23.6	84.	14.0	2.05	23.6
%RSD	.97110	.22408	.32128	1.9240	.83686

#1	2413.7	37293.	4339.1	108.15	2805.2
#2	2447.1	37412.	4358.9	105.25	2838.6

Sample Name: J5569-05 Acquired: 10/22/2018 14:43:37 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RLF-GW-FD-01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00226	-.00552	.00436	.00381	-.00369	-.03975	.47369	-.00013
Stddev	.00415	.00271	.00104	.00112	.00105	.02789	.00183	.00005
%RSD	183.33	49.041	23.839	29.448	28.515	70.175	.38648	34.697

#1	.00519	-.00744	.00509	.00302	-.00444	-.02002	.47239	-.00017
#2	-.00067	-.00361	.00362	.00460	-.00295	-.05947	.47498	-.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	506.33	-.00214	.00820	.00651	4.4130	3.9874	82.403
Stddev	.00009	.01	.00025	.00011	.00034	.0241	.0058	.671
%RSD	73.407	.00229	11.897	1.3679	5.1743	.54676	.14474	.81467

#1	-.00006	506.34	-.00232	.00828	.00674	4.3959	3.9915	81.928
#2	-.00018	506.32	-.00196	.00812	.00627	4.4300	3.9834	82.877

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01115	-.00034	34.318	.00107	.02085	22.979	.00038	.65523
Stddev	.00028	.00040	.059	.00045	.00002	.011	.00012	.00374
%RSD	2.5229	116.50	.17179	41.708	.11278	.04722	32.481	.57085

#1	.01095	-.00063	34.277	.00076	.02083	22.972	.00047	.65258
#2	.01135	-.00006	34.360	.00139	.02086	22.987	.00029	.65787

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 108.94	F 16.084	-.04004	-.01565	.03716	.0268	2.6362	4.3709
Stddev	.08	.038	.00104	.00048	.00157	.0003	.0000	.0060
%RSD	.07635	.23459	2.5967	3.0406	4.2294	1.208	.00008	.13735

#1	109.00	16.058	-.03931	-.01532	.03827	.0266	2.6362	4.3751
#2	108.88	16.111	-.04078	-.01599	.03605	.0270	2.6362	4.3667

Sample Name: J5569-05 Acquired: 10/22/2018 14:43:37 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RLF-GW-FD-01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 3.6701
Stddev .2025
%RSD 5.5182

#1 3.5269
#2 3.8133

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2447.5	37673.	4380.3	107.16	2835.3
Stddev	8.1	136.	5.3	.12	11.4
%RSD	.33111	.36208	.12102	.11613	.40290

#1	2441.7	37576.	4376.5	107.25	2827.2
#2	2453.2	37769.	4384.0	107.07	2843.3

Sample Name: J5569-06 Acquired: 10/22/2018 14:47:39 Type: Unk
 Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RLF-SW-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	.00030	-.00262	.00370	.00482	-.00310	4.3170	.10469	.00023
Stddev	.00313	.00012	.00006	.00261	.00041	.1200	.00617	.00006
%RSD	1036.1	4.4357	1.5701	54.103	13.162	2.7796	5.8970	24.301

#1	.00252	-.00254	.00374	.00666	-.00281	4.4019	.10906	.00019
#2	-.00191	-.00270	.00366	.00297	-.00338	4.2322	.10033	.00027

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	70.878	.00407	.00208	.01042	5.1069	.19260	15.577
Stddev	.00005	3.662	.00055	.00003	.00042	.2642	.00015	.673
%RSD	38.392	5.1665	13.513	1.3806	4.0550	5.1742	.07735	4.3193

#1	-.00015	73.467	.00368	.00210	.01071	5.2938	.19249	16.053
#2	-.00009	68.288	.00446	.00206	.01012	4.9201	.19271	15.101

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00672	.00001	35.728	.00618	.03156	4.8096	.00080	.04240
Stddev	.00004	.00019	1.781	.00034	.00126	.2401	.00018	.00761
%RSD	.63155	1996.7	4.9838	5.5096	3.9845	4.9924	22.563	17.947

#1	.00675	.00014	36.987	.00642	.03245	4.9793	.00068	.04778
#2	.00669	-.00012	34.469	.00594	.03067	4.6398	.00093	.03702

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 13.689	9.7426	-.00410	.09092	.00920	.1285	.34545	2.8617
Stddev	.030	.5377	.00052	.00426	.00056	.0024	.01926	.2726
%RSD	.22274	5.5190	12.577	4.6820	6.0891	1.868	5.5747	9.5266

#1	13.710	10.123	-.00447	.09393	.00881	.1268	.35907	3.0545
#2	13.667	9.3623	-.00374	.08791	.00960	.1302	.33183	2.6689

Sample Name: J5569-06 Acquired: 10/22/2018 14:47:39 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RLF-SW-1 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.8348
Stddev .0707
%RSD 3.8544

#1 1.8848
#2 1.7848

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2710.5	41810.	4451.1	111.14	3241.4
Stddev	11.6	220.	203.0	4.92	6.8
%RSD	.42881	.52564	4.5599	4.4305	.21105

#1	2702.3	41654.	4307.5	107.66	3236.5
#2	2718.7	41965.	4594.6	114.62	3246.2

Sample Name: J5569-07 Acquired: 10/22/2018 14:51:41 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RLF-SW-3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00072	-.00305	.00517	.00734	-.00284	3.9544	.11481	.00021
Stddev	.00026	.00022	.00019	.00154	.00056	.0074	.00150	.00002
%RSD	35.660	7.1148	3.6471	20.927	19.766	.18749	1.3102	7.4614
#1	.00090	-.00320	.00530	.00626	-.00324	3.9492	.11587	.00020
#2	.00054	-.00289	.00503	.00843	-.00245	3.9596	.11375	.00022
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	82.059	.00493	.00215	.00651	5.5095	.21514	18.074
Stddev	.00008	1.246	.00027	.00001	.00037	.0219	.00155	.184
%RSD	90.999	1.5185	5.5299	.34143	5.7280	.39750	.72024	1.0159
#1	-.00014	82.940	.00474	.00214	.00678	5.5250	.21405	18.204
#2	-.00003	81.177	.00512	.00215	.00625	5.4941	.21624	17.944
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00686	-.00051	32.071	.00586	.03163	5.1662	.00114	.03903
Stddev	.00040	.00047	.570	.00002	.00084	.0373	.00007	.00100
%RSD	5.8018	91.965	1.7780	.29230	2.6649	.72166	6.3089	2.5727
#1	.00714	-.00085	32.474	.00585	.03223	5.1925	.00109	.03974
#2	.00657	-.00018	31.667	.00588	.03103	5.1398	.00119	.03832
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 12.880	9.3905	-.00360	.07537	.00949	.1409	.39835	3.2016
Stddev	.055	.1910	.00028	.01519	.00067	.0019	.00735	.0239
%RSD	.42661	2.0335	7.7154	20.156	7.0519	1.383	1.8451	.74660
#1	12.918	9.5255	-.00380	.08611	.00901	.1422	.40355	3.2185
#2	12.841	9.2555	-.00340	.06463	.00996	.1395	.39316	3.1847

Sample Name: J5569-07 Acquired: 10/22/2018 14:51:41 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RLF-SW-3 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.3706
Stddev .6493
%RSD 47.373

#1 .91150
#2 1.8298

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2666.5	40669.	4541.6	113.00	3194.2
Stddev	8.0	29.	85.2	3.20	8.0
%RSD	.30114	.07157	1.8755	2.8358	.25071

#1	2660.8	40689.	4481.4	110.74	3188.5
#2	2672.2	40648.	4601.8	115.27	3199.9

Sample Name: J5569-08 Acquired: 10/22/2018 14:55:42 Type: Unk
 Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RLF-SW-4 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	-.00256	.00187	.00464	-.00368	.05096	.05789	.00007
Stddev	.00462	.00058	.00060	.00049	.00014	.00093	.00004	.00002
%RSD	487.28	22.616	32.135	10.604	3.8717	1.8338	.06925	26.465
#1	.00232	-.00297	.00144	.00499	-.00378	.05162	.05791	.00008
#2	-.00421	-.00215	.00229	.00429	-.00358	.05030	.05786	.00006
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	171.69	.00494	.00024	.00418	.40419	.50708	47.504
Stddev	.00007	.23	.00014	.00019	.00039	.01511	.00086	.225
%RSD	75.946	.13266	2.9121	77.014	9.2862	3.7389	.16923	.47336
#1	-.00004	171.85	.00504	.00011	.00390	.41488	.50647	47.345
#2	-.00014	171.53	.00484	.00038	.00445	.39351	.50768	47.663
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00277	-.00017	38.762	.00036	.01675	4.8282	.00115	.04726
Stddev	.00013	.00044	.019	.00036	.00026	.0464	.00023	.00048
%RSD	4.7875	258.55	.04922	99.659	1.5221	.96070	20.285	1.0233
#1	.00286	-.00048	38.748	.00011	.01694	4.8610	.00098	.04692
#2	.00268	.00014	38.775	.00061	.01657	4.7954	.00131	.04760
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 29.707	F 10.997	-.01089	-.00423	.00233	.0999	1.3654	3.3277
Stddev	.036	.028	.00010	.00028	.00030	.0013	.0021	.1367
%RSD	.12056	.25460	.95595	6.6529	12.963	1.285	.15030	4.1085
#1	29.732	11.017	-.01081	-.00443	.00212	.0990	1.3668	3.4244
#2	29.681	10.978	-.01096	-.00403	.00255	.1008	1.3639	3.2311

Sample Name: J5569-08 Acquired: 10/22/2018 14:55:42 Type: Unk
 Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RLF-SW-4 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.3223
Stddev	.8167
%RSD	61.763

#1	.74480
#2	1.8998

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2609.2	40350.	4500.7	112.02	3097.9
Stddev	11.5	247.	17.5	1.30	9.8
%RSD	.44054	.61242	.38958	1.1592	.31528

#1	2601.1	40175.	4488.3	111.10	3091.0
#2	2617.4	40524.	4513.1	112.93	3104.8

Sample Name: CCV04 Acquired: 10/22/2018 14:59:44 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14035 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2098	4.8585	4.8697	5.0795	5.2442	10.533	9.8515	.24596
Stddev	.0006	.0005	.0060	.0161	.0033	.046	.0262	.00018
%RSD	.01099	.00963	.12223	.31704	.06250	.44072	.26556	.07429

#1	5.2094	4.8582	4.8654	5.0909	5.2418	10.566	9.8700	.24609
#2	5.2102	4.8588	4.8739	5.0681	5.2465	10.500	9.8330	.24583

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3506	25.371	.99779	2.3991	1.2605	4.8794	2.4479	22.697
Stddev	.0019	.032	.00676	.0042	.0018	.0011	.0019	.015
%RSD	.08051	.12556	.67783	.17446	.13937	.02326	.07589	.06783

#1	2.3492	25.349	.99301	2.3961	1.2592	4.8785	2.4465	22.707
#2	2.3519	25.394	1.0026	2.4020	1.2617	4.8802	2.4492	22.686

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4812	1.2223	23.242	2.4065	2.3081	22.897	4.8077	4.6973
Stddev	.0024	.0027	.055	.0006	.0026	.074	.0032	.0194
%RSD	.09883	.21907	.23688	.02433	.11281	.32260	.06735	.41239

#1	2.4794	1.2242	23.281	2.4061	2.3100	22.844	4.8054	4.6836
#2	2.4829	1.2204	23.203	2.4069	2.3063	22.949	4.8100	4.7110

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7444	4.7103	4.7514	4.8018	4.9224	4.817	5.1160	F 3.0903
Stddev	.0005	.0148	.0080	.0136	.0039	.010	.0001	.0675
%RSD	.01099	.31366	.16793	.28388	.07971	.2111	.00172	2.1857

#1	4.7448	4.6999	4.7458	4.8115	4.9196	4.810	5.1159	3.0426
#2	4.7440	4.7208	4.7570	4.7922	4.9252	4.824	5.1161	3.1381

Sample Name: CCV04 Acquired: 10/22/2018 14:59:44 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14035 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 1.9717
Stddev	.6606
%RSD	33.508

#1	1.5045
#2	2.4388

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2741.0	41744.	4566.4	115.28	3175.2
Stddev	1.7	89.	17.9	.30	1.6
%RSD	.06206	.21435	.39260	.25784	.04933

#1	2739.8	41680.	4553.7	115.07	3174.1
#2	2742.2	41807.	4579.1	115.49	3176.3

Sample Name: CCB04 Acquired: 10/22/2018 15:03:28 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14035 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00118	-.00165	.00047	.00175	.00016	-.00893	-.00154
Stddev	.00295	.00040	.00056	.00320	.00099	.00190	.00037
%RSD	250.32	24.534	118.00	183.47	604.62	21.237	23.849

#1	-.00327	-.00136	.00008	-.00052	.00087	-.01027	-.00128
#2	.00091	-.00193	.00087	.00401	-.00054	-.00759	-.00180

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	.00009	.01870	.00025	.00020	.00085	.01330
Stddev	.00003	.00008	.02652	.00078	.00014	.00002	.00142
%RSD	38.333	90.578	141.85	309.62	67.977	2.3830	10.656

#1	.00006	.00015	-.00006	.00080	.00030	.00084	.01229
#2	.00011	.00003	.03745	-.00030	.00010	.00087	.01430

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.00987	.00188	-.00022	-.08241	.00005	-.00028
Stddev	.00004	.00856	.00024	.00033	.01047	.00017	.00005
%RSD	68.740	86.690	12.883	149.12	12.706	350.01	19.370

#1	.00008	.01592	.00205	-.00046	-.08982	.00016	-.00032
#2	.00003	.00382	.00171	.00001	-.07501	-.00007	-.00024

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11075	.00068	.00313	-.00181	.00034	-.00060	.00052
Stddev	.00611	.00016	.00206	.00052	.00061	.00051	.00126
%RSD	5.5214	23.581	66.029	28.885	180.64	84.346	243.47

#1	.10643	.00079	.00459	-.00144	-.00009	-.00096	.00140
#2	.11507	.00057	.00167	-.00218	.00076	-.00024	-.00037

Sample Name: CCB04 Acquired: 10/22/2018 15:03:28 Type: Unk
 Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14035 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00336	-.0021	-.00005	F 2.4485	F<.00000
Stddev	.00102	.0007	.00019	.0177	.13069
%RSD	30.409	31.99	358.83	.72256	21.852

#1	-.00408	-.0025	.00008	2.4610	-.50566
#2	-.00263	-.0016	-.00019	2.4360	-.69048

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2816.5	43094.	4522.7	115.69	3477.9
Stddev	9.8	118.	41.5	.88	6.7
%RSD	.34632	.27409	.91789	.76400	.19369

#1	2809.6	43177.	4552.1	115.07	3473.1
#2	2823.4	43010.	4493.4	116.32	3482.7

Sample Name: J5569-09 Acquired: 10/22/2018 15:07:31 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RLF-SW-5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00023	-.00385	.00339	.00805	-.00135	.06165	.06174	-.00000
Stddev	.00226	.00192	.00101	.00272	.00050	.01396	.00014	.00014
%RSD	967.55	49.999	29.703	33.715	36.868	22.639	.21930	4868.7
#1	.00136	-.00520	.00268	.00997	-.00100	.05178	.06184	-.00010
#2	-.00183	-.00249	.00410	.00613	-.00170	.07152	.06164	.00010
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00026	178.58	.00022	.00006	.00898	.69178	.49383	48.319
Stddev	.00012	.26	.00061	.00021	.00007	.00355	.00059	.083
%RSD	47.408	.14660	271.28	375.90	.79018	.51386	.12024	.17277
#1	-.00017	178.40	-.00021	-.00009	.00903	.68927	.49425	48.260
#2	-.00034	178.77	.00065	.00021	.00893	.69430	.49341	48.378
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00122	-.00018	45.090	.00124	.02152	5.1351	.00109	.03943
Stddev	.00040	.00010	.087	.00047	.00020	.0650	.00012	.00761
%RSD	32.444	57.600	.19320	37.614	.91682	1.2663	10.561	19.304
#1	.00094	-.00011	45.151	.00091	.02166	5.1811	.00101	.03405
#2	.00150	-.00026	45.028	.00157	.02138	5.0891	.00117	.04482
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 18.661	F 11.111	-.00601	-.00456	.00334	.1628	1.0311	3.5470
Stddev	.005	.042	.00021	.00045	.00195	.0004	.0013	.1054
%RSD	.02746	.37393	3.4533	9.9135	58.346	.2736	.12618	2.9704
#1	18.657	11.140	-.00616	-.00488	.00196	.1624	1.0301	3.6215
#2	18.664	11.081	-.00586	-.00424	.00471	.1631	1.0320	3.4725

Sample Name: J5569-09 Acquired: 10/22/2018 15:07:31 Type: Unk
 Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RLF-SW-5 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.1551
 Stddev .8584
 %RSD 74.316

#1 .54808
 #2 1.7620

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2537.1	39339.	4454.6	108.33	3009.5
Stddev	21.5	122.	26.3	1.34	18.8
%RSD	.84586	.30912	.58993	1.2348	.62479

#1	2522.0	39253.	4436.0	107.39	2996.2
#2	2552.3	39425.	4473.2	109.28	3022.8

Sample Name: J5569-12 Acquired: 10/22/2018 15:11:30 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RLF-SW-8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00078	-.00408	.00389	.00875	-.00335	.18472	.14011	-.00000
Stddev	.00275	.00064	.00059	.00945	.00164	.01329	.00011	.00006
%RSD	352.51	15.621	15.275	107.90	48.997	7.1935	.07918	1424.5

#1	-.00273	-.00363	.00431	.00207	-.00451	.17532	.14019	-.00005
#2	.00117	-.00453	.00347	.01543	-.00219	.19411	.14003	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	228.09	-.00030	.00050	.00249	4.3598	1.0119	58.853
Stddev	.00011	.42	.00003	.00005	.00039	.0185	.0007	.355
%RSD	173.85	.18476	9.7782	10.371	15.651	.42521	.07318	.60303

#1	.00001	228.39	-.00032	.00054	.00222	4.3467	1.0124	58.602
#2	-.00014	227.79	-.00028	.00047	.00277	4.3729	1.0113	59.104

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00205	-.00054	53.378	.00096	.12739	11.432	.00128	.15977
Stddev	.00012	.00043	.175	.00023	.00030	.058	.00058	.01149
%RSD	6.0606	80.001	.32799	24.363	.23864	.50902	45.380	7.1894

#1	.00214	-.00085	53.502	.00080	.12761	11.473	.00170	.16789
#2	.00196	-.00023	53.254	.00113	.12718	11.391	.00087	.15165

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 79.510	9.0158	-.02969	-.00390	.00846	.0946	2.5359	3.5566
Stddev	.124	.0166	.00029	.00105	.00137	.0036	.0096	.0504
%RSD	.15644	.18454	.97913	26.851	16.211	3.778	.37983	1.4174

#1	79.598	9.0276	-.02990	-.00316	.00749	.0920	2.5427	3.5922
#2	79.422	9.0040	-.02948	-.00464	.00943	.0971	2.5290	3.5209

Sample Name: J5569-12 Acquired: 10/22/2018 15:11:30 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RLF-SW-8 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.5394
Stddev .3321
%RSD 13.080

#1 2.7743
#2 2.3046

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2558.6	39708.	4501.2	112.31	3003.7
Stddev	12.9	215.	22.1	.66	18.0
%RSD	.50428	.54118	.49153	.58569	.59899

#1	2549.5	39556.	4485.5	111.84	2990.9
#2	2567.7	39860.	4516.8	112.77	3016.4

Sample Name: J5569-13 Acquired: 10/22/2018 15:15:29 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RLF-SW-FD-01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00098	-.00272	.00243	.00875	-.00375	.06557	.05638	.00002
Stddev	.00302	.00013	.00146	.00117	.00189	.00458	.00025	.00001
%RSD	307.75	4.7894	60.281	13.392	50.484	6.9857	.45211	57.962

#1	-.00116	-.00282	.00139	.00958	-.00241	.06233	.05620	.00003
#2	.00312	-.00263	.00346	.00792	-.00508	.06881	.05656	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00020	162.47	.00060	.00002	.00329	.61339	.44833	43.761
Stddev	.00007	.90	.00033	.00023	.00011	.00208	.00014	.179
%RSD	35.777	.55556	53.956	1278.5	3.2491	.33969	.03225	.40844

#1	-.00015	161.83	.00083	.00018	.00321	.61487	.44843	43.635
#2	-.00025	163.11	.00037	-.00014	.00337	.61192	.44822	43.887

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00142	-.00087	40.917	.00016	.02127	4.6769	.00092	.03350
Stddev	.00011	.00009	.059	.00007	.00002	.0449	.00012	.00135
%RSD	7.7099	10.865	.14297	42.522	.07592	.96007	12.931	4.0230

#1	.00135	-.00094	40.958	.00011	.02128	4.6452	.00100	.03254
#2	.00150	-.00080	40.875	.00021	.02125	4.7087	.00084	.03445

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 17.103	F 10.115	-.00558	-.00386	.00237	.1466	.93849	3.3778
Stddev	.039	.092	.00060	.00057	.00117	.0015	.00034	.1101
%RSD	.22896	.91012	10.712	14.763	49.115	1.042	.03597	3.2587

#1	17.075	10.050	-.00516	-.00346	.00155	.1455	.93825	3.2999
#2	17.131	10.180	-.00600	-.00426	.00320	.1476	.93873	3.4556

Sample Name: J5569-13 Acquired: 10/22/2018 15:15:29 Type: Unk
 Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RLF-SW-FD-01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.2857
Stddev	.1318
%RSD	10.250

#1	1.3789
#2	1.1925

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2570.0	40006.	4565.9	112.68	3058.5
Stddev	9.5	185.	18.4	.26	10.4
%RSD	.37056	.46276	.40236	.22690	.34082

#1	2563.2	39875.	4578.8	112.86	3051.1
#2	2576.7	40137.	4552.9	112.50	3065.8

Sample Name: J5573-04 Acquired: 10/22/2018 15:19:29 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FIELD-BLANK Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00996	-.00138	-.00173	.00228	-.00155	.01041	.00267	-.00006
Stddev	.00025	.00115	.00092	.00309	.00063	.00421	.00009	.00008
%RSD	2.4848	83.153	53.298	135.49	40.512	40.449	3.4090	130.96

#1	-.01014	-.00057	-.00108	.00446	-.00111	.01338	.00273	-.00012
#2	-.00979	-.00219	-.00238	.00010	-.00199	.00743	.00261	-.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	.08993	.00158	.00009	.00021	.01243	.00042	.02530
Stddev	.00007	.01323	.00059	.00015	.00004	.00394	.00009	.04893
%RSD	186.48	14.716	37.528	158.48	17.175	31.705	21.169	193.38

#1	-.00009	.09928	.00116	.00020	.00023	.00964	.00036	.05990
#2	.00001	.08057	.00200	-.00001	.00018	.01521	.00048	-.00930

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00276	-.00003	-.06045	-.00020	.02987	.09505	.00041	.02729
Stddev	.00006	.00036	.00674	.00027	.00040	.02160	.00020	.00152
%RSD	2.3379	1117.6	11.142	135.16	1.3553	22.722	49.371	5.5564

#1	.00272	.00022	-.06521	-.00001	.02958	.07978	.00055	.02621
#2	.00281	-.00029	-.05568	-.00039	.03015	.11032	.00027	.02836

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02929	.04979	-.00058	-.00022	-.00323	-.0002	.00045	2.3327
Stddev	.00252	.00175	.00053	.00102	.00047	.0021	.00006	.0911
%RSD	8.6104	3.5063	91.528	463.65	14.430	1179.	13.251	3.9076

#1	.02751	.04856	-.00096	.00050	-.00290	.0013	.00041	2.2683
#2	.03108	.05103	-.00021	-.00094	-.00356	-.0016	.00049	2.3972

Sample Name: J5573-04 Acquired: 10/22/2018 15:19:29 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FIELD-BLANK Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .11772
%RSD 13.817

#1 -.93519
#2 -.76871

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2737.0	43180.	4610.7	116.28	3441.8
Stddev	10.5	169.	27.8	.74	9.6
%RSD	.38238	.39158	.60342	.63854	.27768

#1	2729.6	43300.	4591.0	116.80	3435.1
#2	2744.4	43061.	4630.3	115.75	3448.6

Sample Name: J5586-01 Acquired: 10/22/2018 15:23:34 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LCS-5-WEST-D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00088	-.00423	.00245	.00870	-.00332	.02302	.14853	-.00011
Stddev	.00026	.00190	.00016	.00198	.00052	.01457	.00028	.00016
%RSD	29.587	44.791	6.6157	22.761	15.558	63.286	.18820	152.77
#1	-.00070	-.00289	.00234	.01010	-.00368	.01272	.14833	.00001
#2	-.00107	-.00557	.00257	.00730	-.00295	.03333	.14873	-.00022
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	335.96	.00027	-.00005	.01439	6.1659	1.3798	83.864
Stddev	.00008	.14	.00010	.00045	.00021	.0132	.0019	.307
%RSD	217.71	.04198	38.323	834.75	1.4511	.21440	.13466	.36635
#1	.00002	335.86	.00019	-.00037	.01424	6.1753	1.3785	83.647
#2	-.00010	336.06	.00034	.00026	.01454	6.1566	1.3812	84.082
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00164	-.00036	79.470	.00085	.01650	11.563	.00160	.19602
Stddev	.00024	.00001	.244	.00077	.00033	.055	.00050	.00439
%RSD	14.546	1.7558	.30757	90.511	2.0033	.47902	31.370	2.2391
#1	.00181	-.00035	79.297	.00030	.01673	11.524	.00196	.19912
#2	.00147	-.00036	79.643	.00139	.01626	11.602	.00125	.19292
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 137.18	F 15.703	-.05069	-.01087	.01724	.0007	3.8744	3.9719
Stddev	.17	.091	.00096	.00036	.00034	.0008	.0088	.0711
%RSD	.12217	.58042	1.8869	3.3327	1.9915	105.9	.22812	1.7898
#1	137.06	15.767	-.05137	-.01062	.01748	.0002	3.8681	3.9216
#2	137.30	15.638	-.05001	-.01113	.01699	.0013	3.8806	4.0221

Sample Name: J5586-01 Acquired: 10/22/2018 15:23:34 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LCS-5-WEST-D Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	3.9424
Stddev	.0415
%RSD	1.0520

#1	3.9131
#2	3.9718

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2463.5	38312.	4433.0	110.90	2882.5
Stddev	13.7	12.	37.3	1.52	12.2
%RSD	.55799	.03149	.84160	1.3741	.42324

#1	2453.8	38304.	4406.7	109.82	2873.8
#2	2473.3	38321.	4459.4	111.97	2891.1

Sample Name: J5588-01 Acquired: 10/22/2018 15:27:34 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MH-6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00542	-.00411	.00484	.00868	-.00210	.17450	.12787	-.00007
Stddev	.00927	.00098	.00063	.00045	.00113	.01212	.00044	.00008
%RSD	171.14	23.954	12.968	5.1724	53.716	6.9446	.34582	118.98

#1	.00114	-.00480	.00528	.00900	-.00289	.18307	.12755	-.00012
#2	-.01197	-.00341	.00440	.00837	-.00130	.16593	.12818	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00018	204.45	.00179	.00052	.10044	3.4820	.57031	49.726
Stddev	.00002	.74	.00055	.00058	.00006	.0168	.00025	.182
%RSD	10.064	.35971	30.926	111.73	.06392	.48347	.04363	.36600

#1	-.00017	204.97	.00218	.00011	.10048	3.4701	.57014	49.597
#2	-.00020	203.93	.00140	.00092	.10039	3.4939	.57049	49.854

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00733	-.00008	140.47	.00112	.04613	27.638	.00606	.20741
Stddev	.00037	.00078	.23	.00048	.00018	.068	.00015	.00079
%RSD	5.0929	949.80	.16591	42.748	.39490	.24774	2.4903	.37963

#1	.00759	-.00063	140.63	.00146	.04626	27.687	.00595	.20796
#2	.00706	.00047	140.30	.00078	.04600	27.590	.00616	.20685

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 68.181	9.1853	-.02164	.00078	.01825	4.226	1.8490	3.8174
Stddev	.140	.0604	.00033	.00236	.00137	.006	.0066	.1577
%RSD	.20598	.65764	1.5379	304.10	7.5161	.1435	.35483	4.1304

#1	68.280	9.2280	-.02188	.00244	.01922	4.230	1.8536	3.9289
#2	68.082	9.1426	-.02141	-.00089	.01728	4.222	1.8444	3.7059

Sample Name: J5588-01 Acquired: 10/22/2018 15:27:34 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MH-6 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.6909
Stddev	.2313
%RSD	13.681

#1	1.8545
#2	1.5273

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2445.6	38572.	4592.9	113.70	2894.4
Stddev	21.1	221.	33.8	1.39	24.1
%RSD	.86294	.57264	.73534	1.2213	.83269

#1	2430.7	38416.	4569.0	112.72	2877.3
#2	2460.5	38729.	4616.8	114.68	2911.4

Sample Name: J5590-09 Acquired: 10/22/2018 15:31:34 Type: Unk
 Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LS-DRUM Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00438	-.00330	.00215	.00736	-.00178	.03748	.09057	-.00004
Stddev	.00126	.00081	.00042	.00271	.00146	.00792	.00041	.00010
%RSD	28.810	24.643	19.689	36.803	82.335	21.133	.45215	254.37
#1	-.00527	-.00387	.00245	.00545	-.00074	.03188	.09086	-.00011
#2	-.00349	-.00272	.00185	.00928	-.00281	.04308	.09028	.00003
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	63.315	.00185	-.00007	.00555	.01434	.07103	18.011
Stddev	.00023	.700	.00028	.00018	.00058	.00577	.00003	.053
%RSD	238.91	1.1049	15.041	262.03	10.528	40.261	.04898	.29264
#1	.00007	62.820	.00165	.00006	.00597	.01026	.07101	18.049
#2	-.00025	63.809	.00205	-.00019	.00514	.01842	.07106	17.974
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00414	-.00033	74.235	.00090	.05711	4.5162	.00157	.08117
Stddev	.00013	.00068	.411	.00007	.00101	.0531	.00014	.00175
%RSD	3.2494	205.80	.55360	7.3297	1.7637	1.1747	8.9373	2.1533
#1	.00424	.00015	73.944	.00095	.05640	4.5538	.00147	.07993
#2	.00405	-.00082	74.525	.00086	.05782	4.4787	.00167	.08240
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 37.148	6.9396	-.00560	-.00234	.00384	.0925	.38776	3.4170
Stddev	.102	.0038	.00019	.00261	.00070	.0009	.00421	.0957
%RSD	.27322	.05442	3.4084	111.24	18.144	.9819	1.0858	2.8009
#1	37.220	6.9369	-.00546	-.00050	.00335	.0931	.38478	3.3494
#2	37.076	6.9423	-.00573	-.00419	.00433	.0918	.39074	3.4847

Sample Name: J5590-09 Acquired: 10/22/2018 15:31:34 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LS-DRUM Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .05859
Stddev .01827
%RSD 31.182

#1 .04567
#2 .07151

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2581.5	40076.	4560.9	113.26	3120.8
Stddev	20.3	51.	18.8	1.19	19.2
%RSD	.78778	.12830	.41241	1.0519	.61372

#1	2567.1	40113.	4547.6	114.10	3107.2
#2	2595.9	40040.	4574.2	112.42	3134.3

Sample Name: J5604-05 Acquired: 10/22/2018 15:35:36 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MS-VB-29736- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01241	-.00692	.33583	.00916	.02608	1.4827	.75075	-.00002
Stddev	.00325	.00021	.00209	.00206	.00167	.0419	.00337	.00007
%RSD	26.193	3.0975	.62210	22.484	6.4127	2.8230	.44883	310.53

#1	.01011	-.00677	.33730	.00770	.02490	1.5123	.75314	-.00007
#2	.01471	-.00707	.33435	.01062	.02726	1.4531	.74837	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00039	257.44	.00616	.00542	.14585	10.490	1.3158	81.853
Stddev	.00003	.88	.00062	.00067	.00018	.139	.0515	.330
%RSD	6.9731	.34298	10.008	12.381	.12559	1.3269	3.9104	.40266

#1	.00037	256.82	.00659	.00589	.14598	10.391	1.3522	81.620
#2	.00041	258.07	.00572	.00494	.14572	10.588	1.2795	82.086

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01490	.00021	886.09	.00867	.42912	39.765	.09640	.49718
Stddev	.00023	.00000	8.56	.00082	.00385	.032	.00006	.00381
%RSD	1.5307	.65233	.96654	9.5083	.89704	.07963	.05764	.76712

#1	.01474	.00021	892.15	.00925	.42640	39.742	.09644	.49987
#2	.01506	.00021	880.03	.00809	.43184	39.787	.09636	.49448

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 74.547	8.3896	-.00394	.03997	.11728	.4380	2.0686	4.0352
Stddev	.236	.0312	.00055	.00053	.00173	.0029	.0011	.3313
%RSD	.31717	.37238	13.991	1.3357	1.4750	.6534	.05298	8.2102

#1	74.714	8.4117	-.00433	.04035	.11605	.4400	2.0693	4.2695
#2	74.380	8.3675	-.00355	.03960	.11850	.4359	2.0678	3.8010

Sample Name: J5604-05 Acquired: 10/22/2018 15:35:36 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MS-VB-29736- Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	6.0376
Stddev	.1240
%RSD	2.0544

#1	6.1253
#2	5.9499

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2432.8	38090.	4558.5	111.46	2685.9
Stddev	22.9	1394.	21.4	.59	25.8
%RSD	.94332	3.6603	.46971	.52860	.95912

#1	2416.6	37104.	4543.4	111.88	2667.6
#2	2449.0	39076.	4573.7	111.04	2704.1

Sample Name: J5604-08 Acquired: 10/22/2018 15:39:42 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MS-VB-25868- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03835	-.00566	1.1002	.00270	.02489	5.2816	.83222	.00002
Stddev	.00166	.00007	.0134	.00029	.00016	.0116	.00730	.00015
%RSD	4.3357	1.2144	1.2163	10.846	.62676	.21918	.87751	804.82
#1	.03717	-.00561	1.1097	.00250	.02478	5.2734	.83739	-.00009
#2	.03952	-.00570	1.0908	.00291	.02500	5.2898	.82706	.00013
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00221	294.57	.02504	.01427	.34707	41.057	2.3462	80.244
Stddev	.00002	.96	.00013	.00019	.00336	.264	.0101	.300
%RSD	1.0559	.32756	.53724	1.2976	.96834	.64226	.43233	.37331
#1	.00223	293.89	.02494	.01440	.34945	40.871	2.3390	80.032
#2	.00219	295.25	.02513	.01414	.34469	41.244	2.3533	80.456
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04043	.00086	845.41	.03035	1.0495	39.905	.17537	.48192
Stddev	.00004	.00012	3.68	.00002	.0072	.062	.00186	.01221
%RSD	.09586	13.783	.43564	.05945	.69030	.15472	1.0593	2.5334
#1	.04046	.00094	842.80	.03034	1.0444	39.948	.17668	.49056
#2	.04040	.00078	848.01	.03036	1.0546	39.861	.17405	.47329
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 93.699	F 17.164	.01321	.15093	.11601	2.086	2.2118	3.9234
Stddev	1.213	.035	.00055	.00159	.00323	.012	.0029	.0979
%RSD	1.2948	.20338	4.1249	1.0557	2.7864	.5782	.13271	2.4947
#1	94.557	17.189	.01360	.15205	.11372	2.095	2.2139	3.8542
#2	92.841	17.140	.01283	.14980	.11829	2.078	2.2098	3.9926

Sample Name: J5604-08 Acquired: 10/22/2018 15:39:42 Type: Unk
 Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: MS-VB-25868- Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	12.259
Stddev	.360
%RSD	2.9332

#1	12.005
#2	12.514

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2463.2	38209.	4710.8	111.45	2673.5
Stddev	23.8	142.	8.0	.73	34.8
%RSD	.96734	.37120	.17031	.65693	1.3031

#1	2446.3	38309.	4705.2	111.97	2648.9
#2	2480.0	38109.	4716.5	110.93	2698.1

Sample Name: J5538-01DLX10 Acquired: 10/22/2018 15:43:44 Type: Unk
Method: P4-ICP2(v2516) 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	-.00349	-.00357	.29001	-.01220	-.12110	.45141	.06317	-.00099
Stddev	.00137	.00166	.00136	.00007	.00435	.02036	.00010	.00011
%RSD	39.251	46.538	.47008	.55922	3.5903	4.5101	.15242	10.763

#1	-.00445	-.00240	.28905	-.01215	-.12418	.46581	.06323	-.00091
#2	-.00252	-.00475	.29098	-.01225	-.11803	.43702	.06310	-.00106

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01840	1.6428	F 4.4781	.13100	142.83	78.111	.50948	2.2822
Stddev	.00030	.0285	.1883	.00085	.15	1.442	.01907	.0353
%RSD	1.6382	1.7355	4.2047	.64890	.10642	1.8463	3.7436	1.5471

#1	-.01819	1.6226	4.6113	.13160	142.94	77.091	.52297	2.3071
#2	-.01861	1.6630	4.3450	.13040	142.72	79.131	.49599	2.2572

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 114.22	.00058	4.8067	.01498	2.5681	2.5051	.01201	.28198
Stddev	.09	.00006	.0028	.00083	.0422	.0207	.00014	.00221
%RSD	.07857	10.264	.05802	5.5162	1.6434	.82430	1.1376	.78421

#1	114.29	.00054	4.8087	.01557	2.5383	2.4905	.01211	.28354
#2	114.16	.00062	4.8047	.01440	2.5980	2.5197	.01192	.28042

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.7403	6.8955	.01773	.28437	.00405	9.816	.03425	2.1340
Stddev	.0378	.0958	.00089	.00036	.00157	.031	.00015	.4408
%RSD	.43261	1.3893	4.9937	.12496	38.804	.3156	.45227	20.656

#1	8.7670	6.9633	.01836	.28412	.00516	9.838	.03414	2.4457
#2	8.7135	6.8278	.01710	.28462	.00294	9.795	.03436	1.8223

Sample Name: J5538-01DLX10 Acquired: 10/22/2018 15:43:44 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev 1.1630
%RSD 420.69

#1 .54593
#2 -1.0988

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2634.0	43516.	4724.1	114.94	3194.5
Stddev	2.5	1404.	24.5	1.49	.4
%RSD	.09580	3.2253	.51848	1.2925	.01110

#1	2635.8	42523.	4706.8	115.99	3194.2
#2	2632.3	44508.	4741.4	113.89	3194.7

Sample Name: CCV05 Acquired: 10/22/2018 15:52:37 Type: Unk
Method: P4-ICP2(v2516) 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	5.4073	4.8897	4.9959	5.2686	5.4787	10.733	10.094	.24994
Stddev	.0063	.0085	.0058	.0008	.0041	.063	.030	.00042
%RSD	.11581	.17410	.11642	.01488	.07511	.58364	.30130	.16960
#1	5.4029	4.8957	4.9918	5.2691	5.4816	10.688	10.115	.24964
#2	5.4118	4.8837	5.0000	5.2680	5.4758	10.777	10.072	.25024
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3843	24.776	.98542	2.4573	1.2897	4.8557	2.4763	22.602
Stddev	.0015	.055	.00456	.0018	.0007	.0252	.0029	.067
%RSD	.06151	.21997	.46228	.07304	.05384	.51948	.11798	.29583
#1	2.3853	24.737	.98220	2.4586	1.2902	4.8379	2.4743	22.555
#2	2.3832	24.814	.98865	2.4560	1.2892	4.8736	2.4784	22.649
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4657	1.2334	23.311	2.3626	2.3340	22.542	4.8745	4.6474
Stddev	.0044	.0017	.065	.0046	.0006	.059	.0012	.0030
%RSD	.17822	.13409	.27889	.19339	.02392	.26188	.02520	.06413
#1	2.4688	1.2345	23.357	2.3594	2.3336	22.584	4.8754	4.6495
#2	2.4626	1.2322	23.265	2.3659	2.3344	22.501	4.8737	4.6453
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7632	4.7128	4.8244	4.8691	4.9470	4.881	5.1405	F 2.9684
Stddev	.0092	.0144	.0049	.0026	.0058	.004	.0109	.0066
%RSD	.19291	.30655	.10238	.05386	.11760	.0819	.21208	.22298
#1	4.7567	4.7026	4.8209	4.8673	4.9511	4.878	5.1482	2.9731
#2	4.7697	4.7230	4.8279	4.8710	4.9429	4.884	5.1328	2.9637

Sample Name: CCV05 Acquired: 10/22/2018 15:52:37 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.2014
Stddev .5482
%RSD 45.629

#1 1.5890
#2 .81378

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2677.8	41746.	4672.4	115.60	3139.9
Stddev	4.7	129.	18.4	.13	7.1
%RSD	.17528	.30816	.39290	.11164	.22745

#1	2674.4	41655.	4659.4	115.51	3134.9
#2	2681.1	41837.	4685.4	115.70	3145.0

Sample Name: CCB05 Acquired: 10/22/2018 15:56:21 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7591 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00448	.00009	-.00110	.00404	.00018	.00840	-.00226
Stddev	.00096	.00127	.00007	.00052	.00023	.01521	.00013
%RSD	21.561	1373.2	6.3242	12.939	128.51	181.15	5.7103

#1	-.00379	-.00080	-.00115	.00441	.00002	.01916	-.00217
#2	-.00516	.00099	-.00105	.00367	.00035	-.00236	-.00235

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.00007	.01580	.00035	.00014	.00055	.00253
Stddev	.00000	.00008	.02357	.00010	.00017	.00047	.00776
%RSD	3.5949	106.73	149.17	27.502	123.08	85.067	307.15

#1	.00006	.00002	-.00087	.00042	.00025	.00088	-.00296
#2	.00006	.00013	.03247	.00029	.00002	.00022	.00801

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.01052	.00246	-.00041	-.04414	-.00016	-.00037
Stddev	.00006	.01700	.00023	.00025	.00762	.00003	.00012
%RSD	154.60	161.50	9.4401	60.917	17.264	16.895	31.524

#1	.00008	.02254	.00229	-.00059	-.04953	-.00014	-.00029
#2	-.00000	-.00149	.00262	-.00023	-.03875	-.00017	-.00045

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12490	.00086	.00666	-.00283	.00187	-.00131	-.00059
Stddev	.04889	.00008	.00028	.00036	.00385	.00064	.00019
%RSD	39.144	8.7901	4.1968	12.884	205.64	49.077	32.253

#1	.09033	.00091	.00647	-.00309	-.00085	-.00085	-.00072
#2	.15947	.00081	.00686	-.00257	.00460	-.00176	-.00046

Sample Name: CCB05 Acquired: 10/22/2018 15:56:21 Type: Unk
 Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA7591 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00197	-.0029	.00009	F 2.2759	F<.00000
Stddev	.00046	.0006	.00007	.1474	.06221
%RSD	23.587	18.96	80.576	6.4755	8.6592

#1	-.00164	-.0033	.00004	2.1717	-.67447
#2	-.00229	-.0025	.00014	2.3801	-.76245

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2771.6	43254.	4708.2	120.94	3477.3
Stddev	4.5	55.	.8	.38	3.7
%RSD	.16281	.12686	.01789	.31182	.10765

#1	2768.4	43215.	4708.8	120.68	3474.6
#2	2774.8	43292.	4707.6	121.21	3479.9

Sample Name: J5569-01 Acquired: 10/22/2018 16:00:25 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RLF-GW-7S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04911	-.00546	.00114	-.00267	-.00083	.06984	2.6812	-.00052
Stddev	.00512	.00079	.00156	.00122	.00095	.00020	.0000	.00000
%RSD	10.427	14.418	136.38	45.791	113.97	.28595	.00047	.43681
#1	.04548	-.00490	.00004	-.00353	-.00016	.06999	2.6812	-.00052
#2	.05273	-.00601	.00225	-.00180	-.00150	.06970	2.6812	-.00052
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	270.52	.00061	.01915	-.00450	33.866	.47356	124.83
Stddev	.00004	.20	.00013	.00024	.00102	.432	.00029	.27
%RSD	40.632	.07411	21.095	1.2367	22.655	1.2755	.06038	.21782
#1	.00008	270.38	.00070	.01932	-.00523	34.172	.47376	124.64
#2	.00014	270.66	.00052	.01898	-.00378	33.561	.47335	125.03
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04393	-.00141	138.58	.00208	.02124	84.578	.00180	1.5961
Stddev	.00003	.00005	.23	.00020	.00023	.369	.00019	.0040
%RSD	.07490	3.3409	.16634	9.4486	1.0955	.43667	10.518	.24740
#1	.04391	-.00137	138.42	.00222	.02141	84.317	.00166	1.5933
#2	.04395	-.00144	138.75	.00194	.02108	84.839	.00193	1.5989
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3671	F 27.584	.00163	-.00839	.02232	.0278	2.2407	4.0504
Stddev	.0047	.041	.00041	.00005	.00247	.0005	.0011	.0721
%RSD	.34320	.14854	25.523	.63157	11.062	1.938	.05008	1.7789
#1	1.3638	27.555	.00133	-.00836	.02057	.0274	2.2415	3.9995
#2	1.3705	27.613	.00192	-.00843	.02407	.0281	2.2399	4.1014

Sample Name: J5569-01 Acquired: 10/22/2018 16:00:25 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RLF-GW-7S Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 8.2407
Stddev 1.2176
%RSD 14.776

#1 7.3797
#2 9.1017

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2364.8	37637.	4538.1	110.76	2751.9
Stddev	10.1	95.	10.1	1.91	13.4
%RSD	.42538	.25140	.22191	1.7209	.48772

#1	2357.7	37570.	4530.9	109.41	2742.4
#2	2371.9	37704.	4545.2	112.10	2761.4

Sample Name: J5569-01DUP Acquired: 10/22/2018 16:04:26 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RLF-GW-7SDUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04630	-.00552	.00037	-.00161	-.00237	.07477	2.6827	-.00041
Stddev	.00020	.00005	.00094	.00118	.00048	.00867	.0104	.00002
%RSD	.44225	.84497	252.69	73.610	20.439	11.595	.38649	4.3099
#1	.04644	-.00549	.00104	-.00077	-.00203	.06864	2.6900	-.00039
#2	.04615	-.00556	-.00029	-.00245	-.00271	.08090	2.6753	-.00042
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	271.47	.00059	.01954	-.00506	33.629	.47461	125.14
Stddev	.00015	.86	.00020	.00025	.00014	.099	.00031	.22
%RSD	155.74	.31646	34.130	1.2704	2.7217	.29451	.06607	.17787
#1	-.00001	272.08	.00045	.01971	-.00496	33.559	.47483	124.98
#2	.00020	270.87	.00074	.01936	-.00516	33.699	.47439	125.29
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04341	-.00071	138.77	.00168	.02124	84.951	.00177	1.5917
Stddev	.00084	.00095	.44	.00004	.00011	.342	.00005	.0040
%RSD	1.9426	133.45	.32026	2.4040	.50119	.40204	2.7527	.24945
#1	.04282	-.00004	139.08	.00171	.02131	85.193	.00180	1.5945
#2	.04401	-.00138	138.46	.00165	.02116	84.710	.00174	1.5889
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3590	F 27.731	.00116	-.00796	.02377	.0299	2.2440	4.1120
Stddev	.0053	.106	.00157	.00055	.00216	.0013	.0082	.0590
%RSD	.38842	.38222	134.82	6.8536	9.0709	4.349	.36533	1.4351
#1	1.3552	27.806	.00005	-.00835	.02224	.0290	2.2498	4.1538
#2	1.3627	27.656	.00227	-.00758	.02529	.0308	2.2382	4.0703

Sample Name: J5569-01DUP Acquired: 10/22/2018 16:04:26 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RLF-GW-7SDUP Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	8.4542
Stddev	.3314
%RSD	3.9198

#1	8.2199
#2	8.6885

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2382.2	37758.	4531.1	111.36	2766.4
Stddev	12.4	126.	27.9	.19	11.2
%RSD	.51972	.33290	.61595	.17038	.40416

#1	2373.5	37669.	4511.3	111.22	2758.5
#2	2391.0	37846.	4550.8	111.49	2774.4

Sample Name: CCV06 Acquired: 10/22/2018 17:43:08 Type: Unk
Method: P4-ICP2(v2516) 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	4.8513	4.9089	5.1206	5.4245	4.7951	10.778	10.506	.25403
Stddev	.0046	.0159	.0014	.0034	.0029	.014	.095	.00088
%RSD	.09464	.32458	.02794	.06298	.06118	.12652	.90245	.34538
#1	4.8480	4.8976	5.1196	5.4220	4.7972	10.768	10.573	.25465
#2	4.8545	4.9202	5.1216	5.4269	4.7930	10.788	10.439	.25341
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3940	25.620	.99026	2.5060	1.3262	4.6862	2.5247	22.798
Stddev	.0001	.263	.00074	.0020	.0005	.0805	.0018	.099
%RSD	.00496	1.0255	.07519	.07853	.03509	1.7171	.07046	.43301
#1	2.3941	25.435	.98973	2.5047	1.3265	4.7431	2.5260	22.868
#2	2.3939	25.806	.99078	2.5074	1.3258	4.6293	2.5234	22.728
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4512	1.2531	23.342	2.3115	2.2940	27.235	4.8931	4.6865
Stddev	.0045	.0022	.213	.0034	.0388	.105	.0066	.0103
%RSD	.18357	.17277	.91374	.14732	1.6919	.38587	.13396	.21986
#1	2.4544	1.2546	23.493	2.3139	2.3214	27.309	4.8885	4.6937
#2	2.4480	1.2516	23.191	2.3091	2.2665	27.160	4.8978	4.6792
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6987	4.8241	4.9200	5.0018	5.1055	4.934	5.3904	F 3.9958
Stddev	.0017	.0060	.0049	.0232	.0363	.009	.0221	.0151
%RSD	.03641	.12499	.09977	.46401	.71043	.1819	.41037	.37687
#1	4.6975	4.8198	4.9165	5.0182	5.1311	4.928	5.4061	3.9851
#2	4.7000	4.8283	4.9234	4.9854	5.0798	4.941	5.3748	4.0064

Sample Name: CCV06 Acquired: 10/22/2018 17:43:08 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.3296
Stddev .2448
%RSD 18.409

#1 1.5027
#2 1.1565

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2508.8	40379.	4563.5	116.28	3029.1
Stddev	5.9	129.	17.0	2.15	7.4
%RSD	.23628	.32057	.37162	1.8450	.24301

#1	2504.6	40288.	4551.5	114.77	3023.9
#2	2512.9	40471.	4575.5	117.80	3034.4

Sample Name: CCB06 Acquired: 10/22/2018 17:55:17 Type: Unk
Method: P4-ICP2(v2516) 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	-.00264	.00045	-.00080	.00272	-.00047	-.00670	-.00334
Stddev	.00290	.00124	.00046	.00255	.00075	.00189	.00052
%RSD	109.78	276.37	57.232	93.820	160.14	28.258	15.537

#1	-.00059	-.00043	-.00048	.00092	.00006	-.00536	-.00297
#2	-.00469	.00133	-.00113	.00452	-.00100	-.00804	-.00371

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.00008	.00492	.00033	.00019	-.00024	.01008
Stddev	.00003	.00006	.00616	.00002	.00017	.00086	.00630
%RSD	50.522	79.749	125.18	5.6733	89.697	360.60	62.445

#1	.00007	.00003	.00057	.00032	.00007	.00037	.00563
#2	.00003	.00012	.00928	.00035	.00031	-.00084	.01454

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	-.01007	.00225	-.00040	-.07085	-.00014	-.00032
Stddev	.00003	.02612	.00017	.00018	.00542	.00033	.00008
%RSD	798.58	259.27	7.5178	44.875	7.6502	232.02	25.325

#1	.00002	.00839	.00213	-.00053	-.06701	.00009	-.00026
#2	-.00001	-.02854	.00237	-.00027	-.07468	-.00037	-.00038

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14428	.00106	.01301	-.00696	.00260	-.00085	-.00004
Stddev	.00922	.00034	.00020	.00092	.00241	.00001	.00101
%RSD	6.3924	31.794	1.4988	13.283	92.693	.78004	2780.8

#1	.15080	.00129	.01288	-.00762	.00090	-.00085	.00068
#2	.13775	.00082	.01315	-.00631	.00430	-.00086	-.00075

Sample Name: CCB06 Acquired: 10/22/2018 17:55:17 Type: Unk
Method: P4-ICP2(v2516) 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	-.00041	-.0014	.00010	3.2552	F<.00000
Stddev	.00047	.0017	.00002	.1298	.32629
%RSD	113.89	124.6	20.271	3.9859	24.759

#1	-.00075	-.0002	.00008	3.1634	-1.0871
#2	-.00008	-.0025	.00011	3.3469	-1.5486

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2626.4	42236.	4583.0	118.85	3387.7
Stddev	15.9	110.	22.5	3.02	22.0
%RSD	.60721	.25963	.49057	2.5434	.64940

#1	2615.1	42313.	4567.1	120.99	3372.2
#2	2637.6	42158.	4598.9	116.72	3403.3

Sample Name: J5569-01LX5 Acquired: 10/22/2018 18:07:08 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LS-SOIL-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00408	-.00084	-.00072	.00409	-.00276	.03230	.53794	-.00002
Stddev	.00281	.00175	.00027	.00296	.00220	.00253	.00218	.00001
%RSD	68.839	209.18	38.055	72.320	79.788	7.8204	.40565	67.793

#1	.00606	.00040	-.00052	.00618	-.00120	.03052	.53948	-.00001
#2	.00209	-.00207	-.00091	.00200	-.00432	.03409	.53640	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	55.838	.00025	.00403	-.00109	6.5893	.09998	24.844
Stddev	.00015	.532	.00019	.00016	.00028	.0820	.00055	.060
%RSD	168.37	.95333	74.337	4.0228	26.045	1.2440	.55201	.24203

#1	-.00020	56.214	.00039	.00414	-.00089	6.5314	.10037	24.886
#2	.00002	55.461	.00012	.00391	-.00129	6.6473	.09959	24.801

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00998	-.00057	26.326	.00103	.00500	16.196	.00059	.32449
Stddev	.00002	.00094	.195	.00064	.00007	.069	.00021	.00086
%RSD	.16355	163.45	.74189	62.260	1.4868	.42460	35.782	.26654

#1	.00999	-.00124	26.464	.00148	.00505	16.245	.00074	.32510
#2	.00997	.00009	26.188	.00057	.00494	16.147	.00044	.32388

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25810	5.9425	.00085	-.00205	.00204	.0042	.45778	4.1177
Stddev	.00232	.0592	.00017	.00109	.00123	.0004	.00486	.0493
%RSD	.89901	.99615	20.139	53.242	60.397	10.11	1.0626	1.1968

#1	.25646	5.9843	.00098	-.00128	.00291	.0039	.46122	4.0828
#2	.25974	5.9006	.00073	-.00282	.00117	.0045	.45434	4.1525

Sample Name: J5569-01LX5 Acquired: 10/22/2018 18:07:08 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LS-SOIL-2 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.54760
Stddev	.24940
%RSD	45.544

#1	.37125
#2	.72395

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2494.5	39905.	4553.2	114.93	3085.9
Stddev	1.7	4.	42.6	.11	2.3
%RSD	.06777	.00883	.93603	.09781	.07502

#1	2493.3	39908.	4523.1	115.01	3087.6
#2	2495.7	39903.	4583.3	114.85	3084.3

Sample Name: J5569-01MS Acquired: 10/22/2018 18:11:09 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RLF-GW-7SMS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.88818	1.6718	.89947	1.9525	.86828	2.3016	2.9090	.19026
Stddev	.00501	.0022	.00055	.0027	.00166	.0118	.0002	.00030
%RSD	.56427	.13357	.06097	.13864	.19068	.51470	.00782	.15956
#1	.89172	1.6702	.89985	1.9544	.86711	2.2932	2.9091	.19005
#2	.88464	1.6733	.89908	1.9506	.86945	2.3099	2.9088	.19048
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17142	278.86	.35613	.20235	.27668	35.466	.65252	125.92
Stddev	.00021	.35	.00131	.00061	.00042	.026	.00128	.21
%RSD	.12523	.12486	.36916	.30376	.15201	.07403	.19681	.16390
#1	.17157	278.61	.35520	.20192	.27697	35.485	.65161	126.07
#2	.17127	279.10	.35706	.20279	.27638	35.448	.65343	125.78
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.45917	.06466	139.47	.25340	.18577	91.290	.37466	1.8379
Stddev	.00054	.00022	.02	.00022	.00027	.156	.00030	.0113
%RSD	.11686	.33798	.01696	.08490	.14692	.17141	.07878	.61477
#1	.45879	.06451	139.48	.25355	.18597	91.179	.37487	1.8299
#2	.45955	.06482	139.45	.25324	.18558	91.401	.37445	1.8459
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2873	F 29.249	.63367	.17835	.22605	5.530	2.5218	5.0501
Stddev	.0065	.055	.00052	.00060	.00080	.015	.0021	.0158
%RSD	.50642	.18897	.08131	.33705	.35489	.2643	.08465	.31212
#1	1.2827	29.289	.63331	.17792	.22548	5.541	2.5203	5.0389
#2	1.2919	29.210	.63404	.17877	.22661	5.520	2.5233	5.0612

Sample Name: J5569-01MS Acquired: 10/22/2018 18:11:09 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RLF-GW-7SMS Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	6.1594
Stddev	.1060
%RSD	1.7209

#1	6.2344
#2	6.0845

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2265.4	36758.	4344.1	107.17	2682.6
Stddev	12.8	140.	28.0	.72	13.1
%RSD	.56671	.37969	.64557	.67100	.48716

#1	2256.3	36659.	4324.2	106.66	2673.4
#2	2274.4	36857.	4363.9	107.68	2691.9

Sample Name: J5569-01MSD Acquired: 10/22/2018 18:15:01 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RLF-GW-7SMSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.87953	1.6673	.89817	1.9478	.87423	2.2827	2.8891	.18930
Stddev	.00123	.0046	.00199	.0035	.00424	.0350	.0041	.00055
%RSD	.14014	.27866	.22123	.18074	.48505	1.5310	.14252	.28863
#1	.87866	1.6706	.89676	1.9503	.87123	2.3074	2.8862	.18969
#2	.88040	1.6641	.89957	1.9453	.87722	2.2580	2.8920	.18892
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17076	275.56	.35230	.20167	.27593	35.598	.65025	125.77
Stddev	.00032	2.01	.00373	.00088	.00044	.106	.00155	.26
%RSD	.19006	.73058	1.0594	.43861	.16037	.29863	.23761	.20685
#1	.17099	274.13	.35494	.20230	.27624	35.522	.65135	125.59
#2	.17053	276.98	.34966	.20105	.27561	35.673	.64916	125.96
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.45863	.06466	138.95	.25084	.18820	90.503	.37489	1.8350
Stddev	.00163	.00035	.39	.00188	.00097	.479	.00025	.0042
%RSD	.35625	.54627	.28288	.74975	.51614	.52873	.06689	.22696
#1	.45978	.06441	138.68	.24951	.18752	90.165	.37471	1.8379
#2	.45747	.06491	139.23	.25217	.18889	90.842	.37507	1.8320
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2902	F 29.338	.63259	.17913	.22708	5.523	2.4846	4.9180
Stddev	.0036	.013	.00143	.00088	.00088	.011	.0112	.1478
%RSD	.27586	.04530	.22627	.48951	.38959	.1920	.44903	3.0049
#1	1.2927	29.347	.63360	.17851	.22645	5.530	2.4767	5.0225
#2	1.2877	29.329	.63158	.17976	.22770	5.515	2.4925	4.8135

Sample Name: J5569-01MSD Acquired: 10/22/2018 18:15:01 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RLF-GW-7SMSD Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	5.4363
Stddev	.7839
%RSD	14.419

#1	5.9906
#2	4.8820

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2285.2	37224.	4371.0	107.04	2710.5
Stddev	15.2	174.	7.1	.07	14.6
%RSD	.66386	.46842	.16242	.06214	.53841

#1	2274.4	37101.	4366.0	107.09	2700.1
#2	2295.9	37347.	4376.0	106.99	2720.8

Sample Name: J5569-01A Acquired: 10/22/2018 18:18:53 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7591 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.87844	1.6722	.89863	1.9414	.86327	2.2692	2.8825	.19003
Stddev	.00886	.0022	.00683	.0092	.00449	.0015	.0136	.00090
%RSD	1.0085	.13181	.75961	.47515	.52066	.06468	.47071	.47445

#1	.87217	1.6706	.89380	1.9479	.86645	2.2702	2.8921	.19067
#2	.88470	1.6737	.90345	1.9349	.86009	2.2682	2.8729	.18939

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17144	274.78	.35392	.20208	.27468	35.488	.65253	125.63
Stddev	.00043	1.00	.00192	.00047	.00084	.044	.00108	.58
%RSD	.25289	.36432	.54362	.23325	.30408	.12394	.16553	.46561

#1	.17175	275.49	.35528	.20241	.27527	35.457	.65330	126.05
#2	.17114	274.07	.35256	.20175	.27409	35.520	.65177	125.22

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.46142	.06419	138.48	.25169	.18716	90.370	.37428	1.8247
Stddev	.00156	.00035	.70	.00288	.00063	.502	.00140	.0013
%RSD	.33743	.55218	.50781	1.1427	.33636	.55588	.37334	.07198

#1	.46032	.06444	138.98	.24966	.18761	90.725	.37330	1.8257
#2	.46252	.06394	137.98	.25373	.18672	90.015	.37527	1.8238

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2906	F 29.150	.63387	.17928	.22572	5.510	2.4759	4.8961
Stddev	.0001	.180	.00204	.00105	.00012	.014	.0120	.1418
%RSD	.00894	.61801	.32176	.58477	.05384	.2559	.48415	2.8957

#1	1.2905	29.277	.63243	.18002	.22581	5.500	2.4844	4.9963
#2	1.2907	29.022	.63532	.17854	.22564	5.520	2.4675	4.7958

Sample Name: J5569-01A Acquired: 10/22/2018 18:18:53 Type: Unk
 Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB7591 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	6.0329
Stddev	.3210
%RSD	5.3204

#1	6.2599
#2	5.8060

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2291.9	37035.	4375.2	107.52	2705.9
Stddev	9.9	245.	46.6	.51	3.9
%RSD	.43212	.66164	1.0656	.47690	.14382

#1	2284.9	36862.	4342.2	107.16	2703.1
#2	2298.9	37209.	4408.2	107.88	2708.6

Sample Name: PB114060BS Acquired: 10/22/2018 18:22:44 Type: Unk
Method: P4-ICP2(v2516) 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	.86648	1.8994	.97989	2.0872	.88246	2.1052	.21429
Stddev	.00402	.0040	.00318	.0027	.00390	.0280	.01055
%RSD	.46442	.21166	.32403	.12697	.44240	1.3320	4.9230

#1	.86932	1.9022	.98214	2.0891	.88522	2.0853	.20683
#2	.86363	1.8965	.97765	2.0854	.87970	2.1250	.22175

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19890	.18356	1.0936	.39404	.19338	.32110	2.7419
Stddev	.00045	.00003	.0398	.00257	.00026	.00062	.1192
%RSD	.22760	.01625	3.6375	.65212	.13702	.19387	4.3458

#1	.19922	.18354	1.0655	.39585	.19319	.32066	2.6577
#2	.19858	.18358	1.1218	.39222	.19356	.32154	2.8262

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20918	1.9226	.45735	.06917	2.8519	.26597	.19339
Stddev	.00025	.0747	.00016	.00100	.1179	.00087	.00495
%RSD	.11846	3.8876	.03587	1.4513	4.1348	.32853	2.5602

#1	.20935	1.8698	.45747	.06988	2.7685	.26535	.18989
#2	.20900	1.9755	.45723	.06846	2.9353	.26659	.19689

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.2357	.38563	.29188	F -.00453	.98957	.65508	.20642
Stddev	.3424	.00027	.01401	.00427	.02540	.00296	.01001
%RSD	3.7071	.06927	4.7990	94.402	2.5670	.45124	4.8512

#1	8.9936	.38544	.28197	-.00151	.97161	.65299	.19934
#2	9.4778	.38581	.30178	-.00755	1.0075	.65717	.21350

Sample Name: PB114060BS Acquired: 10/22/2018 18:22:44 Type: Unk
 Method: P4-ICP2(v2516) 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	.20990	F 5.269	.22185	F 3.3919	F<.00000
Stddev	.00977	.007	.00776	.1260	.03985
%RSD	4.6551	.1369	3.4976	3.7147	1.8069

#1	.20299	5.264	.21636	3.4810	-2.2334
#2	.21681	5.275	.22734	3.3028	-2.1770

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2659.7	42482.	4399.1	115.91	3369.7
Stddev	5.1	124.	134.4	2.78	5.6
%RSD	.19007	.29105	3.0560	2.3996	.16527

#1	2656.1	42394.	4494.2	117.88	3365.7
#2	2663.2	42569.	4304.1	113.94	3373.6

Sample Name: PB114060BL Acquired: 10/22/2018 18:26:36 Type: Unk
Method: P4-ICP2(v2516) 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	-.00533	-.00060	-.00078	.00448	.00186	-.01529	-.00309	-.00011
Stddev	.00345	.00161	.00034	.00215	.00040	.02394	.00022	.00003
%RSD	64.653	268.38	43.988	47.839	21.667	156.56	6.9739	23.628
#1	-.00289	-.00173	-.00054	.00600	.00157	-.03221	-.00293	-.00013
#2	-.00777	.00054	-.00102	.00297	.00214	.00164	-.00324	-.00009
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.04129	.00086	-.00004	-.00041	.00608	.00032	-.00573
Stddev	.00011	.00192	.00051	.00022	.00032	.00188	.00001	.02023
%RSD	469.68	4.6529	58.928	513.99	78.722	30.908	2.5945	353.01
#1	.00005	.03993	.00122	-.00020	-.00018	.00475	.00033	.00857
#2	-.00010	.04265	.00050	.00011	-.00063	.00741	.00032	-.02003
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00424	.00115	F 268.95	-.00007	.00359	.17592	.00074	.00358
Stddev	.00031	.00049	1.70	.00010	.00004	.01078	.00020	.00669
%RSD	7.3915	42.196	.63152	135.99	1.1152	6.1287	26.964	187.06
#1	.00402	.00149	267.75	-.00000	.00362	.16830	.00060	-.00115
#2	.00447	.00081	270.15	-.00014	.00356	.18355	.00088	.00831
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00302	.01126	-.00030	-.00025	-.00191	-.0033	.00008	F 4.3078
Stddev	.00244	.00050	.00089	.00309	.00007	.0004	.00003	.0039
%RSD	80.802	4.4069	300.37	1258.5	3.4224	11.59	35.077	.09058
#1	-.00129	.01161	-.00092	.00194	-.00196	-.0036	.00010	4.3106
#2	-.00474	.01090	.00033	-.00243	-.00186	-.0030	.00006	4.3051

Sample Name: PB114060BL Acquired: 10/22/2018 18:26:36 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .04617
Stddev	.67413
%RSD	1460.0

#1	.52285
#2	-.43051

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2436.6	38564.	4536.2	114.63	2965.7
Stddev	13.0	44.	23.1	.99	17.2
%RSD	.53534	.11435	.50924	.86358	.58148

#1	2427.4	38533.	4552.5	115.33	2953.5
#2	2445.8	38595.	4519.9	113.93	2977.9

Sample Name: PB114061BL Acquired: 10/22/2018 18:30:47 Type: Unk
Method: P4-ICP2(v2516) 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	-.00521	.00012	-.00210	.00264	.00057	.00153	-.00266	.00006
Stddev	.00304	.00113	.00034	.00004	.00092	.00017	.00002	.00004
%RSD	58.225	973.43	16.270	1.5123	160.77	10.848	.89190	74.495

#1	-.00736	.00092	-.00186	.00261	.00122	.00165	-.00268	.00009
#2	-.00307	-.00069	-.00235	.00267	-.00008	.00142	-.00265	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	.01205	.00009	.00031	-.00029	.00882	-.00001	.01456
Stddev	.00002	.00433	.00016	.00026	.00008	.00291	.00001	.03516
%RSD	23.918	35.928	174.62	83.108	27.617	32.990	144.32	241.51

#1	.00010	.01511	.00021	.00013	-.00023	.00676	.00000	.03942
#2	.00007	.00899	-.00002	.00050	-.00035	.01088	-.00001	-.01030

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00229	.00003	-.04315	.00024	-.00042	.16580	.00009	.00763
Stddev	.00081	.00004	.00581	.00027	.00004	.03337	.00035	.01355
%RSD	35.576	114.45	13.465	111.28	10.462	20.125	403.12	177.51

#1	.00171	.00001	-.03904	.00043	-.00045	.18940	-.00016	-.00195
#2	.00286	.00006	-.04726	.00005	-.00038	.14221	.00033	.01721

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00489	.00591	-.00114	.00069	-.00179	-.0010	.00017	2.8118
Stddev	.00162	.00055	.00047	.00007	.00050	.0025	.00003	.1589
%RSD	33.199	9.3039	41.285	10.249	27.734	261.4	18.015	5.6523

#1	-.00375	.00629	-.00147	.00064	-.00214	.0008	.00015	2.9242
#2	-.00604	.00552	-.00080	.00074	-.00144	-.0028	.00019	2.6994

Sample Name: PB114061BL Acquired: 10/22/2018 18:30:47 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .22644
%RSD 23.806

#1 -.79109
#2 -1.1113

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2669.6	42973.	4654.2	120.21	3429.4
Stddev	1.7	250.	22.1	.28	7.0
%RSD	.06353	.58096	.47499	.23038	.20453

#1	2670.8	42797.	4669.8	120.02	3434.4
#2	2668.4	43150.	4638.5	120.41	3424.5

Sample Name: PB114061BS Acquired: 10/22/2018 18:34:53 Type: Unk
Method: P4-ICP2(v2516) 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	.87155	1.9011	.98011	2.1035	.88821	2.0971	.20886
Stddev	.00121	.0089	.00323	.0032	.00222	.0149	.00088
%RSD	.13909	.46532	.32973	.15188	.25000	.71239	.42367

#1	.87069	1.8948	.97783	2.1058	.88978	2.1076	.20948
#2	.87241	1.9073	.98240	2.1013	.88664	2.0865	.20823

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19862	.18381	1.0325	.39075	.19489	.32219	2.6974
Stddev	.00011	.00058	.0358	.00143	.00013	.00152	.0195
%RSD	.05431	.31581	3.4693	.36684	.06731	.47047	.72446

#1	.19870	.18340	1.0072	.38974	.19480	.32111	2.7112
#2	.19854	.18422	1.0578	.39177	.19499	.32326	2.6836

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20859	1.8596	.45646	.06922	2.7624	.26696	.18879
Stddev	.00014	.0034	.00096	.00025	.0092	.00032	.00098
%RSD	.06609	.18043	.21136	.36083	.33213	.12113	.52130

#1	.20850	1.8620	.45578	.06905	2.7559	.26673	.18948
#2	.20869	1.8572	.45714	.06940	2.7689	.26719	.18809

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.9393	.38730	.28716	F -.00722	.92702	.65673	.19855
Stddev	.0558	.00017	.01039	.00429	.00097	.00256	.00183
%RSD	.62396	.04279	3.6188	59.468	.10505	.39013	.92258

#1	8.8999	.38719	.27981	-.01025	.92633	.65491	.19726
#2	8.9787	.38742	.29451	-.00418	.92771	.65854	.19985

Sample Name: PB114061BS Acquired: 10/22/2018 18:34:53 Type: Unk
 Method: P4-ICP2(v2516) 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	.20160	5.298	.21431	F 2.9912	F<.00000
Stddev	.00013	.009	.00094	.0483	.07643
%RSD	.06410	.1674	.44079	1.6151	3.8805

#1	.20169	5.292	.21364	3.0254	-2.0236
#2	.20151	5.304	.21497	2.9570	-1.9155

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2653.4	42619.	4576.1	119.08	3366.1
Stddev	5.1	27.	3.4	1.05	11.0
%RSD	.19235	.06368	.07494	.88085	.32664

#1	2649.8	42600.	4573.6	118.33	3358.3
#2	2657.0	42638.	4578.5	119.82	3373.9

Sample Name: PB114061TB Acquired: 10/22/2018 18:38:46 Type: Unk
Method: P4-ICP2(v2516) 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	-.00618	-.00204	-.00029	.00297	.00003	.01279	-.00443
Stddev	.00204	.00015	.00074	.00044	.00029	.00333	.00036
%RSD	32.948	7.1606	258.61	14.767	1042.8	26.031	8.0995

#1	-.00474	-.00193	.00024	.00328	-.00018	.01515	-.00417
#2	-.00762	-.00214	-.00081	.00266	.00023	.01044	-.00468

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	-.00005	.03176	.00022	.00014	-.00038	F .01266
Stddev	.00010	.00005	.01613	.00067	.00048	.00024	.00810
%RSD	220.97	88.123	50.773	310.61	347.58	61.641	64.002

#1	.00002	-.00002	.04316	.00069	.00048	-.00055	.01839
#2	-.00011	-.00008	.02036	-.00026	-.00020	-.00022	.00693

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00017	.01258	.00431	.00126	F 272.16	.00012	.00103
Stddev	.00009	.02058	.00043	.00003	2.81	.00010	.00002
%RSD	55.740	163.59	9.8916	2.1482	1.0339	87.326	2.2920

#1	.00024	-.00197	.00401	.00128	274.15	.00019	.00101
#2	.00010	.02713	.00462	.00124	270.17	.00005	.00105

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15942	.00058	.01111	-.00594	.01057	.00020	-.00125
Stddev	.00260	.00033	.01179	.00486	.00119	.00105	.00103
%RSD	1.6335	56.585	106.10	81.866	11.263	534.41	82.882

#1	.15758	.00035	.01945	-.00250	.00973	.00094	-.00052
#2	.16126	.00081	.00277	-.00938	.01141	-.00054	-.00198

Sample Name: PB114061TB Acquired: 10/22/2018 18:38:46 Type: Unk
 Method: P4-ICP2(v2516) 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	.00046	-.0022	-.00007	F 4.3733	F<.00000
Stddev	.00119	.0024	.00012	.0532	.42502
%RSD	260.86	106.3	173.86	1.2156	162.29

#1	.00130	-.0039	-.00016	4.4109	-.56243
#2	-.00039	-.0006	.00002	4.3358	.03865

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2433.5	38520.	4524.3	115.76	2965.1
Stddev	4.0	64.	71.8	2.49	1.0
%RSD	.16594	.16743	1.5864	2.1532	.03489

#1	2430.7	38474.	4473.6	114.00	2964.4
#2	2436.4	38565.	4575.1	117.53	2965.9

Sample Name: PB114060TB Acquired: 10/22/2018 18:42:55 Type: Unk
Method: P4-ICP2(v2516) 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	-.00975	-.00246	-.00086	.00372	.00125	-.00727	-.00301	.00001
Stddev	.00099	.00026	.00011	.00515	.00111	.02224	.00115	.00004
%RSD	10.125	10.664	12.658	138.20	88.712	306.05	38.178	331.99

#1	-.01045	-.00264	-.00078	.00736	.00204	-.02300	-.00382	.00004
#2	-.00905	-.00227	-.00094	.00008	.00047	.00846	-.00219	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.03529	.00090	.00016	-.00058	.00985	.00032	.00849
Stddev	.00003	.00122	.00020	.00005	.00013	.00037	.00000	.02279
%RSD	194.06	3.4632	21.925	31.913	21.931	3.7228	.28013	268.34

#1	.00004	.03442	.00076	.00013	-.00067	.00959	.00032	-.00762
#2	-.00001	.03615	.00104	.00020	-.00049	.01011	.00032	.02461

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00415	.00125	270.81	-.00047	.00338	.18269	.00034	.00682
Stddev	.00027	.00040	1.20	.00054	.00005	.00866	.00010	.00583
%RSD	6.5149	31.709	.44318	114.67	1.6245	4.7382	31.023	85.459

#1	.00396	.00097	269.96	-.00086	.00334	.17657	.00026	.01095
#2	.00434	.00153	271.66	-.00009	.00342	.18881	.00041	.00270

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00030	.00887	.00077	-.00063	-.00081	-.0031	-.00002	4.2665
Stddev	.00569	.00079	.00117	.00162	.00041	.0002	.00015	.0419
%RSD	1883.2	8.9030	152.53	256.44	51.499	5.236	994.96	.98276

#1	-.00372	.00943	.00159	-.00178	-.00051	-.0032	-.00012	4.2369
#2	.00432	.00831	-.00006	.00051	-.00110	-.0030	.00009	4.2962

Sample Name: PB114060TB Acquired: 10/22/2018 18:42:55 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .10865
%RSD 172.76

#1 .01394
#2 -.13972

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2440.7	38562.	4496.9	115.33	2975.5
Stddev	24.9	104.	17.5	.39	22.5
%RSD	1.0219	.26908	.38874	.34233	.75481

#1	2423.1	38488.	4484.6	115.61	2959.6
#2	2458.3	38635.	4509.3	115.05	2991.4

Sample Name: CCV07 Acquired: 10/22/2018 18:55:22 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14036 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.3157	4.6843	4.8050	5.0686	5.3964	10.425	9.8252	.23980
Stddev	.0165	.0052	.0041	.0103	.0019	.053	.0301	.00109
%RSD	.31022	.11049	.08619	.20354	.03587	.51011	.30636	.45489

#1	5.3274	4.6806	4.8021	5.0759	5.3978	10.462	9.8039	.24057
#2	5.3040	4.6880	4.8079	5.0613	5.3950	10.387	9.8464	.23902

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2537	23.939	.93496	2.3580	1.2460	4.6653	2.3860	24.181
Stddev	.0005	.277	.00299	.0014	.0000	.0648	.0017	.287
%RSD	.02353	1.1551	.31959	.06071	.00179	1.3898	.07049	1.1863

#1	2.2534	23.743	.93707	2.3570	1.2460	4.7112	2.3871	23.978
#2	2.2541	24.134	.93285	2.3590	1.2460	4.6195	2.3848	24.384

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3424	1.1849	24.743	2.4775	2.2521	22.608	4.6172	F 4.4141
Stddev	.0004	.0015	.082	.0028	.0419	.110	.0001	.0418
%RSD	.01771	.12676	.32949	.11203	1.8617	.48682	.00213	.94573

#1	2.3421	1.1839	24.686	2.4755	2.2817	22.530	4.6172	4.3846
#2	2.3427	1.1860	24.801	2.4794	2.2224	22.686	4.6171	4.4436

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 4.4269	4.5278	4.6024	4.6935	4.8026	4.639	5.0112	F 3.4651
Stddev	.0008	.0388	.0006	.0184	.0159	.001	.0269	.1106
%RSD	.01863	.85661	.01187	.39114	.33212	.0131	.53628	3.1906

#1	4.4263	4.5004	4.6028	4.6805	4.7913	4.638	4.9922	3.5433
#2	4.4275	4.5552	4.6021	4.7064	4.8139	4.639	5.0302	3.3869

Sample Name: CCV07 Acquired: 10/22/2018 18:55:22 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14036 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 1.0174
Stddev	.0027
%RSD	.26460

#1	1.0193
#2	1.0155

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2559.2	41051.	4601.9	113.30	3070.8
Stddev	6.1	143.	18.7	2.24	6.0
%RSD	.23700	.34889	.40721	1.9757	.19517

#1	2554.9	40950.	4615.2	111.72	3066.6
#2	2563.4	41153.	4588.7	114.88	3075.1

Sample Name: CCB07 Acquired: 10/22/2018 18:59:07 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14036 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00071	.00122	-.00136	.00139	.00074	-.00648	-.00285
Stddev	.00297	.00098	.00084	.00069	.00261	.00768	.00003
%RSD	420.43	80.248	61.526	49.205	352.18	118.52	1.0365

#1	.00281	.00191	-.00077	.00188	.00258	-.00105	-.00283
#2	-.00140	.00053	-.00195	.00091	-.00110	-.01192	-.00287

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	.00013	.02300	.00015	.00016	-.00031	.00921
Stddev	.00003	.00003	.00482	.00041	.00013	.00039	.00259
%RSD	43.382	23.219	20.954	276.62	79.491	124.75	28.060

#1	.00005	.00011	.01959	-.00014	.00026	-.00004	.00739
#2	.00010	.00016	.02641	.00043	.00007	-.00058	.01104

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.01860	.00196	-.00036	-.06262	.00033	-.00033
Stddev	.00006	.04894	.00011	.00001	.00234	.00030	.00000
%RSD	161.34	263.16	5.3910	2.2327	3.7303	90.281	1.2726

#1	.00007	.01601	.00204	-.00035	-.06097	.00012	-.00033
#2	-.00000	-.05320	.00189	-.00036	-.06428	.00055	-.00034

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09064	.00132	.00810	-.00338	.00350	-.00146	-.00001
Stddev	.01239	.00036	.00227	.00199	.00112	.00114	.00000
%RSD	13.666	27.568	28.006	58.735	31.881	77.925	30.217

#1	.08188	.00158	.00650	-.00478	.00271	-.00227	-.00001
#2	.09940	.00106	.00971	-.00198	.00429	-.00066	-.00001

Sample Name: CCB07 Acquired: 10/22/2018 18:59:07 Type: Unk
 Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14036 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00206	-.0026	.00003	F 2.6510	F<.00000
Stddev	.00094	.0016	.00002	.0079	.37098
%RSD	45.820	59.13	58.975	.29733	34.150

#1	-.00139	-.0015	.00005	2.6566	-1.3487
#2	-.00272	-.0037	.00002	2.6455	-.82401

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2672.8	43102.	4673.6	120.00	3414.5
Stddev	6.1	113.	41.5	2.73	5.0
%RSD	.22888	.26117	.88709	2.2785	.14637

#1	2668.5	43023.	4644.3	121.93	3410.9
#2	2677.2	43182.	4702.9	118.07	3418.0

Sample Name: J5195-03 Acquired: 10/22/2018 19:07:22 Type: Unk
Method: P4-ICP2(v2516) 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	.11260	-.01857	9.8611	-.08156	.02109	130.07	4.0429
Stddev	.00093	.00131	.0116	.00355	.00100	.96	.0057
%RSD	.82629	7.0280	.11762	4.3528	4.7293	.73464	.14060

#1	.11325	-.01765	9.8693	-.08407	.02039	129.39	4.0389
#2	.11194	-.01949	9.8529	-.07905	.02180	130.74	4.0469

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00688	.01837	477.69	.22466	.20410	1.2185	350.80
Stddev	.00005	.00111	2.68	.00113	.00020	.0059	8.90
%RSD	.76430	6.0502	.56001	.50506	.09556	.48063	2.5382

#1	.00692	.01916	475.80	.22546	.20424	1.2226	344.51
#2	.00685	.01758	479.58	.22386	.20397	1.2143	357.10

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.7918	53.516	.29659	.00190	18.206	.45984	4.4467
Stddev	.0088	.152	.00156	.00146	.065	.00148	.1038
%RSD	.23112	.28317	.52758	76.902	.35503	.32192	2.3341

#1	3.7856	53.409	.29770	.00087	18.161	.46089	4.3733
#2	3.7980	53.623	.29549	.00293	18.252	.45880	4.5201

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.164	.01354	.84739	F 15.550	8.4055	.30377	5.0059
Stddev	.125	.00030	.04410	.013	.0190	.00282	.0036
%RSD	.82122	2.2026	5.2041	.08548	.22588	.92825	.07196

#1	15.076	.01375	.81620	15.560	8.4189	.30576	5.0034
#2	15.253	.01333	.87857	15.541	8.3921	.30178	5.0085

Sample Name: J5195-03 Acquired: 10/22/2018 19:07:22 Type: Unk
 Method: P4-ICP2(v2516) 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	.17799	8.638	2.1168	.97233	F<.00000
Stddev	.00020	.034	.0097	.14565	1.0134
%RSD	.11203	.3891	.45579	14.979	1.0162

#1	.17785	8.661	2.1100	.86934	-100.44
#2	.17813	8.614	2.1236	1.0753	-99.009

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2828.3	45665.	5549.9	114.06	2746.1
Stddev	2.7	149.	2.6	2.75	.2
%RSD	.09611	.32603	.04606	2.4145	.00736

#1	2826.4	45771.	5548.1	116.01	2746.2
#2	2830.2	45560.	5551.8	112.12	2745.9

Sample Name: J5195-03DUP Acquired: 10/22/2018 19:11:13 Type: Unk
Method: P4-ICP2(v2516) 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	.10966	-.02304	9.9137	-.07795	.02179	126.71	3.9513
Stddev	.00819	.00004	.1997	.00317	.00043	4.06	.1251
%RSD	7.4676	.15251	2.0145	4.0656	1.9631	3.2051	3.1670

#1	.10387	-.02302	9.7725	-.07571	.02209	123.84	4.0398
#2	.11545	-.02307	10.055	-.08019	.02149	129.58	3.8629

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00640	.01922	470.68	.22192	.20566	1.2212	345.74
Stddev	.00042	.00188	11.79	.00952	.00350	.0321	10.76
%RSD	6.5959	9.7792	2.5050	4.2906	1.7021	2.6278	3.1130

#1	.00611	.01789	479.02	.21519	.20318	1.1985	353.35
#2	.00670	.02055	462.35	.22865	.20814	1.2439	338.13

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.7413	52.663	.29827	.00153	17.538	.45634	4.4179
Stddev	.1402	1.166	.00501	.00376	.538	.01867	.1145
%RSD	3.7471	2.2131	1.6800	245.09	3.0664	4.0917	2.5908

#1	3.6421	53.488	.29473	.00419	17.918	.44313	4.4988
#2	3.8404	51.839	.30181	-.00112	17.158	.46954	4.3370

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.796	.01363	.82993	F 15.638	8.2845	.30892	4.9066
Stddev	.391	.00025	.01235	.260	.1640	.00420	.1199
%RSD	2.6431	1.8240	1.4880	1.6644	1.9794	1.3584	2.4436

#1	15.073	.01381	.83866	15.454	8.4005	.30595	4.9914
#2	14.520	.01346	.82120	15.822	8.1686	.31188	4.8219

Sample Name: J5195-03DUP Acquired: 10/22/2018 19:11:13 Type: Unk
Method: P4-ICP2(v2516) 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	.17247	8.670	2.0809	.61827	F<.00000
Stddev	.00403	.134	.0531	.36560	2.2409
%RSD	2.3365	1.541	2.5521	59.133	2.2869

#1	.17532	8.575	2.1184	.35975	-96.405
#2	.16962	8.764	2.0433	.87679	-99.574

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2833.9	46468.	5606.5	115.17	2738.4
Stddev	38.2	1467.	148.7	3.29	46.1
%RSD	1.3497	3.1565	2.6526	2.8540	1.6842

#1	2860.9	47505.	5501.3	112.84	2771.0
#2	2806.8	45431.	5711.6	117.49	2705.8

Sample Name: J5195-03LX5 Acquired: 10/22/2018 19:15:03 Type: Unk
Method: P4-ICP2(v2516) 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	.02525	-.00258	1.9825	-.01666	.00376	25.391	.85870	.00075
Stddev	.00230	.00036	.0055	.00265	.00095	1.213	.03170	.00011
%RSD	9.0960	13.850	.27526	15.890	25.158	4.7768	3.6916	14.888

#1	.02687	-.00232	1.9864	-.01853	.00443	26.249	.83628	.00083
#2	.02363	-.00283	1.9787	-.01479	.00309	24.533	.88111	.00067

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00264	107.22	.05050	.04002	.29809	67.903	.84484	12.141
Stddev	.00055	4.38	.00316	.00008	.00231	3.355	.05531	.467
%RSD	20.744	4.0837	6.2571	.20055	.77373	4.9411	6.5466	3.8497

#1	.00302	104.12	.05274	.04008	.29972	65.531	.88394	11.810
#2	.00225	110.31	.04827	.03996	.29646	70.276	.80573	12.471

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05902	-.00055	4.2219	.09952	.89887	3.4500	.00337	.17638
Stddev	.00019	.00009	.1818	.00720	.03704	.1399	.00034	.00768
%RSD	.32617	16.037	4.3063	7.2380	4.1212	4.0556	10.215	4.3554

#1	.05916	-.00062	4.0933	.10461	.87268	3.3510	.00361	.17094
#2	.05888	-.00049	4.3504	.09442	.92506	3.5489	.00313	.18181

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.8571	.50279	.06091	1.0437	.03989	1.608	.46755	1.8507
Stddev	.0018	.01327	.00073	.0339	.00062	.005	.01882	.7729
%RSD	.06363	2.6398	1.1937	3.2456	1.5558	.3077	4.0258	41.763

#1	2.8559	.49340	.06039	1.0198	.03945	1.612	.45424	2.3973
#2	2.8584	.51217	.06142	1.0677	.04033	1.605	.48086	1.3042

Sample Name: J5195-03LX5 Acquired: 10/22/2018 19:15:03 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .46184
Stddev .47674
%RSD 103.23

#1 .79894
#2 .12474

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2678.8	45035.	4981.1	122.85	3130.6
Stddev	10.2	2559.	147.1	4.74	15.9
%RSD	.38215	5.6819	2.9539	3.8583	.50833

#1	2671.6	43226.	5085.1	126.20	3119.4
#2	2686.0	46845.	4877.0	119.50	3141.9

Sample Name: J5195-03MS Acquired: 10/22/2018 19:19:00 Type: Unk
Method: P4-ICP2(v2516) 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	.87724	1.8503	10.605	1.7645	.80264	128.38	4.1932
Stddev	.00696	.0074	.009	.0013	.00449	.26	.0047
%RSD	.79353	.39762	.08672	.07560	.55968	.20470	.11177

#1	.87231	1.8555	10.611	1.7636	.80581	128.57	4.1899
#2	.88216	1.8451	10.598	1.7655	.79946	128.20	4.1965

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19283	.20553	473.79	.53788	.39947	1.4451	353.70
Stddev	.00033	.00026	2.49	.00026	.00054	.0068	1.39
%RSD	.17347	.12671	.52586	.04757	.13549	.47304	.39210

#1	.19306	.20572	472.03	.53806	.39985	1.4499	352.72
#2	.19259	.20535	475.55	.53770	.39909	1.4403	354.68

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.9000	54.941	.75273	.06600	20.247	.68630	4.6161
Stddev	.0090	.193	.00078	.00041	.011	.00242	.0188
%RSD	.23106	.35111	.10409	.61748	.05365	.35208	.40744

#1	3.9063	54.805	.75328	.06628	20.240	.68801	4.6028
#2	3.8936	55.078	.75217	.06571	20.255	.68460	4.6294

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.028	.34034	1.0827	F 15.332	8.7596	.96580	5.1280
Stddev	.037	.00011	.0040	.019	.0750	.00308	.0176
%RSD	.16172	.03305	.36728	.12608	.85559	.31844	.34232

#1	23.002	.34042	1.0855	15.318	8.7066	.96798	5.1155
#2	23.054	.34026	1.0799	15.345	8.8126	.96363	5.1404

Sample Name: J5195-03MS Acquired: 10/22/2018 19:19:00 Type: Unk
 Method: P4-ICP2(v2516) 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	.36029	F 14.42	2.2721	.83663	F<.00000
Stddev	.00009	.03	.0090	.00076	.79004
%RSD	.02555	.1915	.39574	.09140	.83470

#1	.36023	14.43	2.2657	.83608	-95.208
#2	.36036	14.40	2.2784	.83717	-94.091

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2831.7	45626.	5433.5	111.58	2745.1
Stddev	1.0	123.	24.3	.48	1.0
%RSD	.03409	.26984	.44682	.42767	.03609

#1	2831.0	45539.	5450.7	111.92	2744.4
#2	2832.4	45713.	5416.3	111.24	2745.8

Sample Name: J5195-03MSD Acquired: 10/22/2018 19:22:46 Type: Unk
Method: P4-ICP2(v2516) 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	.87522	1.8475	10.536	1.7552	.79885	127.19	4.1196
Stddev	.00496	.0075	.019	.0033	.00048	1.68	.0871
%RSD	.56720	.40761	.17666	.19041	.06000	1.3188	2.1133

#1	.87171	1.8528	10.523	1.7528	.79919	126.00	4.0580
#2	.87873	1.8422	10.549	1.7575	.79851	128.38	4.1811

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19076	.20461	464.34	.53205	.39803	1.4375	345.55
Stddev	.00036	.00089	12.12	.00395	.00069	.0072	5.63
%RSD	.19016	.43646	2.6097	.74173	.17247	.50291	1.6307

#1	.19051	.20525	455.77	.52926	.39754	1.4324	341.57
#2	.19102	.20398	472.91	.53484	.39851	1.4427	349.54

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.8690	53.988	.74771	.06383	19.819	.68251	4.5008
Stddev	.0077	1.177	.00112	.00131	.390	.00277	.0273
%RSD	.19835	2.1797	.14934	2.0458	1.9692	.40545	.60551

#1	3.8636	53.156	.74850	.06290	19.543	.68055	4.4815
#2	3.8744	54.820	.74692	.06475	20.095	.68447	4.5201

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.570	.33758	1.0683	F 15.234	8.5855	.95581	5.0733
Stddev	.466	.00018	.0250	.014	.1145	.00121	.1225
%RSD	2.0649	.05364	2.3352	.09020	1.3336	.12626	2.4154

#1	22.240	.33746	1.0507	15.225	8.5046	.95496	4.9867
#2	22.899	.33771	1.0859	15.244	8.6665	.95666	5.1600

Sample Name: J5195-03MSD Acquired: 10/22/2018 19:22:46 Type: Unk
Method: P4-ICP2(v2516) 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	.35580	F 14.33	2.2239	.71458	F<.00000
Stddev	.00949	.06	.0532	.05151	1.0562
%RSD	2.6683	.4271	2.3928	7.2081	1.1289

#1	.34909	14.28	2.1863	.67816	-92.817
#2	.36252	14.37	2.2615	.75100	-94.311

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2844.3	45862.	5521.4	114.15	2756.3
Stddev	16.0	137.	86.7	.85	13.5
%RSD	.56100	.29912	1.5705	.74696	.49060

#1	2855.6	45959.	5582.7	114.76	2765.8
#2	2833.0	45765.	5460.0	113.55	2746.7

Sample Name: J5195-03A Acquired: 10/22/2018 19:26:31 Type: Unk
 Method: P4-ICP2(v2516) 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	.86202	1.8214	10.345	1.7338	.78851	128.20	4.1472
Stddev	.01031	.0272	.131	.0091	.00716	.74	.0080
%RSD	1.1959	1.4945	1.2617	.52287	.90761	.57927	.19254

#1	.86931	1.8406	10.437	1.7402	.79357	128.72	4.1416
#2	.85473	1.8021	10.252	1.7274	.78345	127.67	4.1529

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18972	.19970	468.75	.53358	.39038	1.4151	346.55
Stddev	.00014	.00315	2.08	.00662	.00571	.0211	.84
%RSD	.07481	1.5751	.44334	1.2401	1.4632	1.4945	.24326

#1	.18982	.20193	467.28	.53826	.39442	1.4301	345.96
#2	.18962	.19748	470.22	.52890	.38634	1.4002	347.15

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.8455	54.278	.73726	.06405	19.983	.67984	4.4702
Stddev	.0109	.607	.01116	.00056	.022	.00224	.0025
%RSD	.28380	1.1175	1.5134	.87974	.11224	.32976	.05583

#1	3.8533	53.849	.74515	.06365	19.967	.68143	4.4685
#2	3.8378	54.707	.72937	.06444	19.998	.67826	4.4720

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.706	.33369	1.0826	F 15.058	8.5880	.94083	5.0871
Stddev	.021	.00269	.0111	.222	.0298	.01282	.0172
%RSD	.09238	.80555	1.0204	1.4713	.34702	1.3631	.33766

#1	22.691	.33559	1.0748	15.215	8.5669	.94990	5.0992
#2	22.721	.33179	1.0904	14.902	8.6091	.93176	5.0749

Sample Name: J5195-03A Acquired: 10/22/2018 19:26:31 Type: Unk
 Method: P4-ICP2(v2516) 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	.35872	F 14.08	2.2489	.72255	F<.00000
Stddev	.00209	.16	.0081	.13570	.56299
%RSD	.58224	1.135	.36200	18.781	.59549
#1	.35724	14.20	2.2432	.81851	-94.942
#2	.36019	13.97	2.2547	.62660	-94.145
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2872.2	45846.	5506.2	114.13	2792.6
Stddev	25.7	337.	18.5	.34	32.3
%RSD	.89569	.73421	.33684	.29838	1.1575
#1	2854.0	45608.	5519.3	114.38	2769.8
#2	2890.4	46084.	5493.1	113.89	2815.5

Sample Name: J5195-04 Acquired: 10/22/2018 19:30:17 Type: Unk
Method: P4-ICP2(v2516) 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	-.00313	-.00177	.05697	.00884	-.00077	.07420	.13596	.00004
Stddev	.00078	.00026	.00108	.00056	.00005	.01287	.00070	.00007
%RSD	25.014	14.892	1.8944	6.3875	6.9830	17.345	.51701	192.86

#1	-.00258	-.00159	.05621	.00924	-.00073	.06510	.13646	-.00001
#2	-.00369	-.00196	.05774	.00844	-.00081	.08330	.13546	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00062	146.72	.00214	.01451	.00648	-.01401	.46301	1.7143
Stddev	.00002	.84	.00022	.00009	.00056	.00158	.00085	.0050
%RSD	2.6964	.57076	10.438	.59706	8.6357	11.263	.18365	.29339

#1	.00063	147.31	.00198	.01457	.00687	-.01289	.46241	1.7108
#2	.00061	146.13	.00230	.01445	.00608	-.01513	.46362	1.7179

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00849	-.00012	276.88	.00084	.07039	1.9081	.00117	.03152
Stddev	.00032	.00027	1.12	.00010	.00030	.0336	.00017	.00575
%RSD	3.7835	221.56	.40342	11.648	.43214	1.7598	14.234	18.248

#1	.00872	.00007	276.09	.00091	.07018	1.8843	.00129	.03559
#2	.00827	-.00031	277.67	.00077	.07061	1.9318	.00106	.02746

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3933	1.7897	-.00059	-.00533	.00563	.0073	.56104	3.7915
Stddev	.0207	.0141	.00111	.00221	.00022	.0000	.00394	.0499
%RSD	.86507	.79035	186.22	41.559	3.9401	.6582	.70150	1.3152

#1	2.4080	1.7797	.00019	-.00376	.00579	.0073	.56382	3.8268
#2	2.3787	1.7997	-.00138	-.00689	.00547	.0073	.55825	3.7562

Sample Name: J5195-04 Acquired: 10/22/2018 19:30:17 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.1602
Stddev .7156
%RSD 61.678

#1 .65420
#2 1.6662

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2478.5	39656.	4803.8	119.38	2946.0
Stddev	10.1	121.	2.4	.87	15.4
%RSD	.40634	.30551	.05061	.72831	.52319

#1	2471.4	39570.	4802.1	120.00	2935.1
#2	2485.7	39742.	4805.5	118.77	2956.9

Sample Name: J5195-04DUP Acquired: 10/22/2018 19:34:25 Type: Unk
Method: P4-ICP2(v2516) 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	-.00553	-.00129	.05577	.00660	-.00155	.05936	.13664	.00010
Stddev	.00289	.00208	.00075	.00114	.00218	.00713	.00080	.00005
%RSD	52.211	161.18	1.3390	17.299	140.82	12.015	.58658	44.264

#1	-.00349	-.00277	.05630	.00579	-.00309	.05432	.13608	.00013
#2	-.00758	.00018	.05524	.00740	-.00001	.06441	.13721	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00053	146.74	.00178	.01464	.00602	-.01110	.46366	1.6485
Stddev	.00007	1.30	.00029	.00011	.00032	.00139	.00095	.0120
%RSD	13.310	.88626	16.231	.72247	5.3085	12.512	.20593	.73021

#1	.00048	145.82	.00158	.01471	.00579	-.01012	.46434	1.6400
#2	.00058	147.66	.00199	.01456	.00624	-.01208	.46299	1.6570

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00821	-.00049	276.61	.00055	.06952	1.9070	.00117	.02560
Stddev	.00036	.00015	.18	.00013	.00101	.0156	.00045	.00402
%RSD	4.3561	29.496	.06497	24.631	1.4487	.81589	38.389	15.696

#1	.00795	-.00039	276.48	.00064	.07023	1.9180	.00085	.02276
#2	.00846	-.00060	276.73	.00045	.06881	1.8960	.00148	.02844

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4071	1.8220	-.00053	-.00659	.00535	.0090	.56237	3.5258
Stddev	.0066	.0078	.00076	.00045	.00064	.0015	.00237	.0683
%RSD	.27377	.43067	144.11	6.8242	11.913	17.07	.42061	1.9380

#1	2.4118	1.8165	-.00107	-.00691	.00580	.0079	.56070	3.4775
#2	2.4025	1.8276	.00001	-.00627	.00490	.0101	.56404	3.5741

Sample Name: J5195-04DUP Acquired: 10/22/2018 19:34:25 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.0899
Stddev .4174
%RSD 38.293

#1 .79479
#2 1.3850

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2489.2	39838.	4772.9	120.25	2946.9
Stddev	13.0	70.	22.1	2.17	16.0
%RSD	.52370	.17552	.46349	1.8071	.54302

#1	2480.0	39888.	4788.6	118.71	2935.5
#2	2498.4	39789.	4757.3	121.79	2958.2

Sample Name: J5195-04LX5 Acquired: 10/22/2018 19:38:34 Type: Unk
Method: P4-ICP2(v2516) 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	-.00210	-.00028	.01182	.00285	-.00146	.03529	.02477	.00008
Stddev	.00020	.00076	.00003	.00032	.00131	.00115	.00021	.00006
%RSD	9.4106	267.11	.27945	11.195	89.512	3.2724	.85575	79.285

#1	-.00224	-.00082	.01179	.00308	-.00054	.03448	.02462	.00004
#2	-.00196	.00025	.01184	.00263	-.00238	.03611	.02492	.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00017	30.958	.00132	.00311	.00126	.00004	.10013	.34106
Stddev	.00015	.175	.00023	.00005	.00029	.00173	.00252	.03816
%RSD	87.147	.56458	17.747	1.6706	22.737	3952.1	2.5129	11.189

#1	.00006	31.082	.00116	.00314	.00146	-.00118	.09835	.31408
#2	.00027	30.835	.00149	.00307	.00106	.00127	.10191	.36805

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00323	-.00026	57.633	.00015	.01745	.56501	.00053	.00597
Stddev	.00000	.00052	.273	.00038	.00011	.00981	.00013	.01170
%RSD	.13179	203.70	.47307	256.42	.63704	1.7369	23.926	196.02

#1	.00323	.00011	57.440	-.00012	.01753	.55807	.00062	.01424
#2	.00323	-.00063	57.825	.00042	.01737	.57195	.00044	-.00230

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47437	.39764	-.00059	-.00242	.00324	.0041	.11693	2.9610
Stddev	.00738	.00606	.00168	.00097	.00193	.0017	.00012	.1782
%RSD	1.5550	1.5238	286.94	40.349	59.622	42.40	.10662	6.0164

#1	.47958	.39336	.00060	-.00173	.00187	.0053	.11701	2.8350
#2	.46915	.40193	-.00177	-.00311	.00460	.0029	.11684	3.0870

Sample Name: J5195-04LX5 Acquired: 10/22/2018 19:38:34 Type: Unk
 Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.37007
%RSD	109.07

#1	-.60097
#2	-.07760

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2654.3	41563.	4816.1	120.17	3243.2
Stddev	4.4	802.	9.1	.76	10.0
%RSD	.16505	1.9300	.18855	.63268	.30828
#1	2651.2	42131.	4822.5	119.63	3236.1
#2	2657.4	40996.	4809.6	120.71	3250.2

Sample Name: J5195-04MS Acquired: 10/22/2018 19:42:38 Type: Unk
Method: P4-ICP2(v2516) 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	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.80319	1.6773	.94082	1.9495	.83039	2.1848	.32921	.18778	.17092
Stddev	.00093	.0003	.00414	.0050	.00096	.0254	.00033	.00058	.00004
%RSD	.11524	.02035	.44049	.25773	.11503	1.1625	.10155	.30899	.02580
#1	.80384	1.6770	.93789	1.9530	.82971	2.2027	.32897	.18819	.17088
#2	.80253	1.6775	.94375	1.9459	.83106	2.1668	.32944	.18737	.17095
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	147.77	.35403	.19429	.28414	2.4147	.63634	3.2930	.42834	.06366
Stddev	.41	.00247	.00049	.00156	.0402	.00068	.0795	.00096	.00014
%RSD	.27550	.69728	.25349	.54828	1.6666	.10761	2.4143	.22524	.21989
#1	148.06	.35577	.19464	.28304	2.4432	.63683	3.2368	.42903	.06376
#2	147.48	.35228	.19395	.28524	2.3863	.63586	3.3492	.42766	.06356
Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	279.68	.25474	.22049	10.643	.37292	.27776	2.3472	2.6051	.62033
Stddev	.12	.00007	.00252	.041	.00143	.00851	.0104	.0004	.00035
%RSD	.04406	.02687	1.1411	.38858	.38235	3.0655	.44160	.01411	.05628
#1	279.59	.25479	.22227	10.614	.37393	.28378	2.3545	2.6048	.62057
#2	279.77	.25469	.21871	10.673	.37191	.27174	2.3399	2.6054	.62008
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.18055	.20059	5.492	.75192	3.6600	.62597			
Stddev	.00370	.00040	.018	.00232	.1259	.05438			
%RSD	2.0492	.19731	.3270	.30852	3.4402	8.6871			
#1	.17794	.20087	5.504	.75356	3.7490	.66442			
#2	.18317	.20031	5.479	.75028	3.5709	.58752			

Sample Name: J5195-04MS Acquired: 10/22/2018 19:42:38 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC 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	2521.2	39957.	4716.1	122.16	2963.8
Stddev	6.9	130.	14.2	2.00	9.4
%RSD	.27383	.32509	.30112	1.6343	.31870
#1	2516.3	39866.	4706.0	120.74	2957.1
#2	2526.1	40049.	4726.1	123.57	2970.5

Sample Name: CCV08 Acquired: 10/22/2018 19:46:36 Type: Unk
Method: P4-ICP2(v2516) 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	5.2230	4.7311	4.7444	5.0281	5.3000	10.532	9.7935	.23831
Stddev	.0088	.0033	.0103	.0191	.0108	.064	.0952	.00106
%RSD	.16820	.07025	.21649	.37957	.20421	.60649	.97185	.44533
#1	5.2292	4.7287	4.7516	5.0416	5.3077	10.486	9.8608	.23756
#2	5.2168	4.7334	4.7371	5.0146	5.2924	10.577	9.7262	.23906
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 2.2465	24.149	.94453	2.3384	1.2382	4.6889	2.3760	24.258
Stddev	.0045	.078	.00155	.0063	.0014	.0727	.0066	.032
%RSD	.20095	.32349	.16448	.26863	.11452	1.5494	.27561	.13272
#1	2.2497	24.205	.94343	2.3429	1.2392	4.6376	2.3714	24.235
#2	2.2433	24.094	.94563	2.3340	1.2372	4.7403	2.3807	24.280
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3554	1.1879	25.120	2.5238	F 2.2097	23.084	4.6422	F 4.4876
Stddev	.0026	.0013	.254	.0052	.0028	.189	.0022	.0141
%RSD	.10908	.10749	1.0096	.20636	.12502	.81827	.04731	.31488
#1	2.3572	1.1888	25.300	2.5202	2.2077	23.218	4.6437	4.4776
#2	2.3535	1.1870	24.941	2.5275	2.2116	22.951	4.6406	4.4976
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5089	F 4.4927	4.5542	4.7102	4.8274	4.653	5.0152	F 3.2112
Stddev	.0005	.0712	.0140	.0417	.0322	.006	.0377	.0406
%RSD	.01196	1.5848	.30739	.88583	.66787	.1399	.75135	1.2652
#1	4.5085	4.5431	4.5444	4.7397	4.8502	4.658	5.0418	3.1825
#2	4.5092	4.4424	4.5641	4.6807	4.8046	4.649	4.9885	3.2399

Sample Name: CCV08 Acquired: 10/22/2018 19:46:36 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.5539
Stddev .5212
%RSD 33.544

#1 1.1853
#2 1.9225

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2640.9	41643.	4682.9	116.30	3132.8
Stddev	6.1	187.	49.1	.13	8.4
%RSD	.23118	.44832	1.0490	.11036	.26931

#1	2636.6	41775.	4648.2	116.39	3126.8
#2	2645.2	41511.	4717.7	116.21	3138.8

Sample Name: CCB08 Acquired: 10/22/2018 19:50:22 Type: Unk
Method: P4-ICP2(v2516) 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	-.00416	.00065	-.00075	.00191	.00031	-.00984	-.00342
Stddev	.00027	.00076	.00135	.00030	.00015	.00030	.00015
%RSD	6.4831	116.66	181.28	15.483	47.513	3.0660	4.4130

#1	-.00397	.00119	-.00170	.00170	.00020	-.00963	-.00332
#2	-.00435	.00011	.00021	.00211	.00041	-.01006	-.00353

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.00000	.02557	.00017	.00027	-.00021	.00340
Stddev	.00005	.00003	.00392	.00014	.00015	.00047	.00250
%RSD	419.31	1450.0	15.323	85.548	54.372	228.74	73.494

#1	.00005	.00002	.02280	.00027	.00038	.00013	.00163
#2	-.00003	-.00002	.02834	.00007	.00017	-.00054	.00516

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	-.00544	.00253	-.00043	.08055	-.00001	-.00049
Stddev	.00006	.05564	.00051	.00025	.00445	.00030	.00013
%RSD	82.409	1023.0	20.357	57.326	5.5303	2085.1	26.803

#1	.00012	-.04478	.00216	-.00061	.07740	-.00022	-.00059
#2	.00003	.03390	.00289	-.00026	.08370	.00019	-.00040

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20916	.00104	.00284	-.00908	-.00057	-.00196	-.00093
Stddev	.00960	.00041	.00475	.00024	.00320	.00055	.00153
%RSD	4.5916	39.449	167.13	2.6072	556.91	28.286	163.75

#1	.20237	.00134	.00620	-.00925	-.00284	-.00157	.00015
#2	.21595	.00075	-.00052	-.00891	.00169	-.00235	-.00202

Sample Name: CCB08 Acquired: 10/22/2018 19:50:22 Type: Unk
 Method: P4-ICP2(v2516) 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	-.00016	-.0017	.00002	F 2.6336	F<.00000
Stddev	.00096	.0014	.00004	.0731	.11344
%RSD	593.11	86.58	251.02	2.7738	10.622

#1	-.00084	-.0027	-.00001	2.5819	-1.1482
#2	.00052	-.0006	.00005	2.6852	-.98776

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2729.4	42947.	4672.0	120.38	3453.1
Stddev	6.5	128.	15.5	.97	2.5
%RSD	.23770	.29694	.33249	.80281	.07100

#1	2724.9	43037.	4661.0	119.69	3451.3
#2	2734.0	42857.	4683.0	121.06	3454.8

Sample Name: J5195-04MSD Acquired: 10/22/2018 19:54:26 Type: Unk
Method: P4-ICP2(v2516) 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	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.81971	1.7131	.95490	1.9844	.83832	2.1821	.33483	.19093	.17452
Stddev	.00003	.0031	.00495	.0053	.00043	.0022	.00308	.00063	.00016
%RSD	.00318	.18344	.51848	.26692	.05107	.09903	.91978	.33028	.09213

#1	.81969	1.7109	.95140	1.9882	.83862	2.1837	.33700	.19137	.17440
#2	.81973	1.7153	.95840	1.9807	.83801	2.1806	.33265	.19048	.17463

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	151.03	.35870	.19789	.28887	2.4829	.64633	3.3089	.43703	.06591
Stddev	.47	.00012	.00006	.00040	.0108	.00171	.0297	.00191	.00150
%RSD	.30988	.03411	.03239	.13997	.43607	.26455	.89922	.43682	2.2747

#1	151.36	.35879	.19784	.28915	2.4752	.64754	3.3300	.43838	.06697
#2	150.70	.35861	.19793	.28858	2.4905	.64512	3.2879	.43568	.06485

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	283.34	.26198	.23135	10.728	.38121	.29158	2.4087	2.6729	.63343
Stddev	1.15	.00316	.00001	.028	.00022	.00387	.0060	.0323	.00199
%RSD	.40541	1.2056	.00542	.26063	.05871	1.3261	.24765	1.2075	.31342

#1	282.53	.26422	.23134	10.748	.38137	.28885	2.4045	2.6957	.63203
#2	284.15	.25975	.23136	10.709	.38106	.29432	2.4129	2.6501	.63484

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.18670	.20316	5.595	.76236	3.6909	.21350			
Stddev	.00136	.00059	.017	.00340	.0172	.04604			
%RSD	.72817	.29175	.3075	.44561	.46596	21.563			

#1	.18766	.20358	5.583	.76476	3.7031	.18095			
#2	.18574	.20274	5.607	.75996	3.6788	.24605			

Sample Name: J5195-04MSD Acquired: 10/22/2018 19:54:26 Type: Unk
 Method: P4-ICP2(v2516) Mode: CONC 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	2493.8	39448.	4613.5	116.71	2918.9
Stddev	7.7	182.	12.8	.12	.3
%RSD	.30758	.46047	.27683	.10596	.01187
#1	2488.4	39319.	4604.5	116.62	2919.2
#2	2499.2	39576.	4622.6	116.80	2918.7

Sample Name: J5195-04A Acquired: 10/22/2018 19:58:25 Type: Unk
Method: P4-ICP2(v2516) 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	.81808	1.7201	.94869	2.0029	.84232	2.2287	.34867	.19317
Stddev	.01671	.0265	.01848	.0185	.00874	.0022	.02189	.00009
%RSD	2.0422	1.5383	1.9479	.92361	1.0375	.09957	6.2781	.04663

#1	.80627	1.7013	.93562	1.9898	.83614	2.2303	.33320	.19324
#2	.82989	1.7388	.96176	2.0159	.84850	2.2272	.36415	.19311

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17447	157.40	.36440	.19738	.28967	2.6144	.65203	3.4810
Stddev	.00263	10.41	.00105	.00357	.00231	.1303	.00003	.1530
%RSD	1.5053	6.6138	.28909	1.8067	.79833	4.9828	.00406	4.3944

#1	.17262	150.04	.36365	.19486	.28804	2.5223	.65205	3.3728
#2	.17633	164.76	.36514	.19990	.29131	2.7065	.65202	3.5892

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.43748	.06673	293.25	.26559	.23779	11.215	.38166	.29614
Stddev	.00762	.00001	11.89	.00328	.00783	.726	.00462	.00867
%RSD	1.7424	.01046	4.0554	1.2355	3.2939	6.4711	1.2105	2.9289

#1	.43209	.06673	284.84	.26327	.23225	10.702	.37839	.29001
#2	.44287	.06674	301.65	.26791	.24333	11.728	.38493	.30227

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4106	2.7512	.63343	.19326	.21346	5.601	.79486	3.7045
Stddev	.0311	.1159	.01004	.01220	.01371	.074	.04969	.0179
%RSD	1.2917	4.2111	1.5856	6.3111	6.4212	1.323	6.2508	.48395

#1	2.3886	2.6693	.62633	.18463	.20376	5.549	.75973	3.6918
#2	2.4326	2.8331	.64054	.20188	.22315	5.654	.82999	3.7172

Sample Name: J5195-04A Acquired: 10/22/2018 19:58:25 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .17020
%RSD 313.21

#1 .06601
#2 -.17469

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2501.7	39269.	4494.8	113.73	2928.5
Stddev	15.5	13.	193.8	3.01	25.6
%RSD	.62010	.03420	4.3111	2.6449	.87544

#1	2512.7	39278.	4631.8	115.86	2946.6
#2	2490.7	39259.	4357.8	111.60	2910.4

Sample Name: J5197-04 Acquired: 10/22/2018 20:02:25 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HD-02-101918 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00237	-.00161	.01107	.00701	-.00130	.03404	.19781	.00007
Stddev	.00680	.00197	.00145	.00160	.00132	.02280	.00085	.00000
%RSD	286.81	122.54	13.128	22.795	101.31	66.973	.43098	3.7356

#1	-.00718	-.00021	.01210	.00588	-.00223	.05016	.19841	.00007
#2	.00244	-.00300	.01005	.00814	-.00037	.01792	.19721	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00021	27.987	-.00037	.01429	.01270	.00412	.73402	5.4989
Stddev	.00012	.029	.00024	.00019	.00035	.00186	.00104	.0327
%RSD	56.633	.10390	63.593	1.3191	2.7634	45.118	.14158	.59452

#1	.00029	28.008	-.00054	.01443	.01295	.00281	.73476	5.4758
#2	.00012	27.967	-.00020	.01416	.01245	.00544	.73329	5.5220

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00459	.00001	281.29	.00061	.03095	1.5188	.00050	.02282
Stddev	.00056	.00013	.98	.00029	.00011	.0329	.00017	.00269
%RSD	12.296	1132.3	.34923	46.882	.36587	2.1673	34.196	11.799

#1	.00499	-.00008	280.60	.00041	.03087	1.4956	.00062	.02091
#2	.00419	.00010	281.98	.00082	.03103	1.5421	.00038	.02472

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.26134	.86769	-.00029	-.00203	.00136	.0034	.10431	3.6046
Stddev	.00123	.00527	.00015	.00073	.00147	.0003	.00014	.0827
%RSD	.47083	.60690	50.539	35.757	108.44	8.168	.13223	2.2940

#1	.26047	.87142	-.00018	-.00255	.00032	.0032	.10441	3.6631
#2	.26221	.86397	-.00039	-.00152	.00239	.0036	.10421	3.5461

Sample Name: J5197-04 Acquired: 10/22/2018 20:02:25 Type: Unk
 Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: HD-02-101918 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.23110
Stddev	.00136
%RSD	.58918

#1	.23206
#2	.23014

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2555.9	39943.	4765.0	120.62	3003.9
Stddev	4.6	237.	6.0	.32	.1
%RSD	.18064	.59250	.12560	.26381	.00442

#1	2552.7	39776.	4760.8	120.39	3004.0
#2	2559.2	40110.	4769.3	120.84	3003.8

Sample Name: J5197-04DUP Acquired: 10/22/2018 20:06:33 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HD-02-101918 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00693	-.00179	.01117	.00378	-.00118	.03738	.19784	.00010
Stddev	.00367	.00129	.00045	.00341	.00075	.00118	.00040	.00004
%RSD	52.952	72.275	4.0490	90.390	63.222	3.1475	.20067	34.950

#1	-.00952	-.00087	.01149	.00136	-.00171	.03655	.19812	.00013
#2	-.00433	-.00270	.01085	.00619	-.00065	.03821	.19756	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	27.784	-.00049	.01409	.01328	.01020	.73169	5.4936
Stddev	.00007	.171	.00007	.00012	.00037	.00678	.00116	.0412
%RSD	59.069	.61424	13.819	.86651	2.7845	66.449	.15911	.74997

#1	.00007	27.663	-.00053	.01400	.01302	.00541	.73251	5.5228
#2	.00017	27.905	-.00044	.01418	.01354	.01500	.73087	5.4645

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00499	-.00016	282.38	.00043	.03138	1.5168	.00000	.02045
Stddev	.00019	.00035	1.33	.00026	.00078	.0325	.00010	.00869
%RSD	3.8619	214.30	.47127	59.058	2.4815	2.1406	2124.8	42.489

#1	.00512	.00008	283.32	.00062	.03193	1.4939	.00008	.01431
#2	.00485	-.00041	281.44	.00025	.03083	1.5398	-.00007	.02660

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.26206	.87093	-.00061	-.00062	.00177	.0013	.10320	3.3751
Stddev	.00039	.00402	.00066	.00049	.00160	.0005	.00060	.1251
%RSD	.14780	.46206	108.31	79.336	90.739	38.54	.58366	3.7069

#1	.26179	.87378	-.00014	-.00027	.00063	.0010	.10277	3.4636
#2	.26234	.86809	-.00108	-.00097	.00290	.0017	.10362	3.2866

Sample Name: J5197-04DUP Acquired: 10/22/2018 20:06:33 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HD-02-101918 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .47595
Stddev .14995
%RSD 31.506

#1 .36991
#2 .58198

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2563.4	39899.	4720.0	117.93	3005.2
Stddev	.8	164.	50.7	3.36	2.3
%RSD	.03107	.41165	1.0733	2.8531	.07549

#1	2562.8	39782.	4684.2	115.55	3003.6
#2	2564.0	40015.	4755.8	120.31	3006.8

Sample Name: J5197-04LX5 Acquired: 10/22/2018 20:10:41 Type: Unk
Method: P4-ICP2(v2516) 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	-.00133	-.00121	.00133	.00431	.00030	-.00018	.03709	.00005
Stddev	.00057	.00089	.00010	.00006	.00230	.01117	.00196	.00001
%RSD	42.743	73.536	7.5509	1.3164	763.45	6227.7	5.2949	11.622

#1	-.00174	-.00058	.00126	.00427	-.00132	.00772	.03570	.00004
#2	-.00093	-.00183	.00140	.00435	.00193	-.00808	.03847	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	5.6705	.00034	.00301	.00263	.00618	.15553	1.1380
Stddev	.00004	.2012	.00025	.00000	.00011	.00148	.00084	.0319
%RSD	31.937	3.5478	73.928	.09769	4.2342	23.904	.53975	2.8020

#1	.00009	5.5282	.00052	.00301	.00255	.00513	.15494	1.1155
#2	.00015	5.8127	.00016	.00302	.00271	.00722	.15612	1.1606

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00291	-.00020	57.927	.00073	.00680	.48186	.00038	.00948
Stddev	.00068	.00014	2.030	.00039	.00030	.07483	.00018	.00532
%RSD	23.362	69.937	3.5046	53.208	4.4231	15.529	45.552	56.113

#1	.00339	-.00029	56.491	.00100	.00659	.42895	.00026	.01324
#2	.00243	-.00010	59.362	.00046	.00701	.53477	.00051	.00572

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05524	.18616	-.00028	-.00135	.00129	.0007	.02097	2.7064
Stddev	.00352	.00283	.00056	.00159	.00048	.0006	.00092	.0392
%RSD	6.3684	1.5220	199.99	117.80	37.417	81.08	4.3841	1.4493

#1	.05275	.18415	-.00067	-.00022	.00095	.0003	.02032	2.6787
#2	.05772	.18816	.00012	-.00247	.00163	.0012	.02162	2.7341

Sample Name: J5197-04LX5 Acquired: 10/22/2018 20:10:41 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.57637
%RSD	183.47

#1	-.72172
#2	.09340

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2677.6	41825.	4777.9	121.75	3249.7
Stddev	14.7	74.	99.3	3.70	13.5
%RSD	.54930	.17600	2.0779	3.0378	.41491

#1	2667.2	41773.	4848.1	124.37	3240.2
#2	2688.0	41877.	4707.6	119.14	3259.2

Sample Name: J5197-04MS Acquired: 10/22/2018 20:14:46 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HD-02-101918 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.81590	1.7802	.92598	2.0089	.82432	2.1861	.39603	.19109
Stddev	.00585	.0045	.00414	.0176	.00297	.0030	.00043	.00036
%RSD	.71737	.25419	.44679	.87465	.36075	.13578	.10789	.18694

#1	.82004	1.7834	.92890	2.0213	.82642	2.1882	.39633	.19084
#2	.81177	1.7770	.92305	1.9965	.82222	2.1840	.39572	.19134

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17942	28.272	.36840	.20159	.30037	2.5600	.90334	7.1041
Stddev	.00040	.016	.00067	.00038	.00053	.0108	.00148	.0444
%RSD	.22021	.05556	.18162	.18685	.17694	.42107	.16407	.62476

#1	.17970	28.283	.36793	.20133	.30075	2.5524	.90230	7.1355
#2	.17915	28.261	.36887	.20186	.30000	2.5676	.90439	7.0727

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.45064	.06672	282.73	.27023	.19181	10.475	.38403	.28401
Stddev	.00147	.00007	1.77	.00204	.00048	.013	.00124	.00201
%RSD	.32633	.10261	.62655	.75329	.24794	.12076	.32341	.70682

#1	.45168	.06677	283.99	.27167	.19147	10.466	.38491	.28543
#2	.44960	.06667	281.48	.26879	.19214	10.484	.38315	.28259

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25478	1.6464	.63685	.19107	.20175	5.594	.29947	3.2090
Stddev	.00360	.0131	.00225	.00021	.00059	.010	.00030	.0248
%RSD	1.4118	.79233	.35320	.11027	.29445	.1828	.10137	.77199

#1	.25223	1.6557	.63844	.19122	.20217	5.601	.29969	3.1915
#2	.25732	1.6372	.63526	.19092	.20133	5.586	.29926	3.2265

Sample Name: J5197-04MS Acquired: 10/22/2018 20:14:46 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HD-02-101918 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .06200
%RSD 6.3122

#1 -1.0260
#2 -.93832

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2574.4	40287.	4752.1	122.07	2998.6
Stddev	13.3	34.	10.0	.36	17.6
%RSD	.51613	.08504	.21045	.29548	.58742

#1	2565.0	40311.	4745.0	121.82	2986.1
#2	2583.8	40263.	4759.2	122.33	3011.0

Sample Name: J5197-04MSD Acquired: 10/22/2018 20:18:43 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HD-02-101918 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.81526	1.7747	.92696	2.0014	.82172	2.1792	.39557	.19136
Stddev	.00373	.0029	.00232	.0003	.00529	.0004	.00144	.00047
%RSD	.45712	.16538	.25044	.01311	.64376	.02033	.36335	.24371

#1	.81790	1.7768	.92861	2.0012	.81798	2.1795	.39456	.19169
#2	.81263	1.7726	.92532	2.0016	.82547	2.1789	.39659	.19103

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17952	28.487	.37391	.20143	.29897	2.5612	.90386	7.1434
Stddev	.00016	.006	.00016	.00037	.00132	.0050	.00208	.0373
%RSD	.08717	.02115	.04160	.18592	.44148	.19433	.22977	.52242

#1	.17941	28.483	.37380	.20170	.29991	2.5647	.90533	7.1170
#2	.17963	28.492	.37402	.20117	.29804	2.5576	.90239	7.1698

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.44810	.06599	283.96	.26830	.19397	10.519	.38305	.29113
Stddev	.00014	.00046	3.44	.00018	.00328	.001	.00008	.00606
%RSD	.03180	.69419	1.2127	.06615	1.6934	.00483	.02139	2.0813

#1	.44820	.06567	286.39	.26818	.19629	10.519	.38299	.29542
#2	.44800	.06632	281.52	.26843	.19164	10.520	.38310	.28685

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24847	1.6699	.63613	.19009	.19994	5.606	.29992	3.4092
Stddev	.00677	.0118	.00481	.00145	.00195	.004	.00090	.0022
%RSD	2.7267	.70806	.75660	.76449	.97745	.0700	.30054	.06581

#1	.25326	1.6782	.63272	.18906	.19856	5.609	.30056	3.4108
#2	.24367	1.6615	.63953	.19112	.20133	5.603	.29928	3.4076

Sample Name: J5197-04MSD Acquired: 10/22/2018 20:18:43 Type: Unk
 Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: HD-02-101918 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.11701
%RSD	60.887

#1	-.27492
#2	-.10944

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2578.6	40275.	4707.2	120.87	3000.5
Stddev	9.8	129.	31.2	2.54	9.4
%RSD	.38074	.31948	.66322	2.1031	.31488

#1	2571.6	40184.	4685.1	119.07	2993.8
#2	2585.5	40366.	4729.3	122.66	3007.2

Sample Name: J5197-04A Acquired: 10/22/2018 20:22:41 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7593 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.81123	1.7639	.91752	1.9887	.81633	2.1362	.39267	.18966
Stddev	.00023	.0022	.00095	.0160	.00056	.0025	.00001	.00025
%RSD	.02801	.12717	.10408	.80529	.06889	.11513	.00301	.12921

#1	.81107	1.7623	.91684	2.0001	.81672	2.1344	.39266	.18949
#2	.81139	1.7655	.91819	1.9774	.81593	2.1379	.39268	.18984

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17771	28.330	.36998	.19995	.29699	2.6219	.89889	7.2042
Stddev	.00005	.077	.00214	.00053	.00047	.0902	.00386	.0139
%RSD	.02677	.27247	.57968	.26576	.15981	3.4403	.42889	.19332

#1	.17767	28.276	.36847	.19957	.29665	2.6857	.89617	7.1943
#2	.17774	28.385	.37150	.20032	.29732	2.5581	.90162	7.2140

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.44669	.06525	285.34	.26586	.19816	10.519	.38048	.29891
Stddev	.00010	.00008	.44	.00175	.00471	.020	.00067	.00491
%RSD	.02186	.11925	.15573	.65940	2.3791	.19030	.17501	1.6434

#1	.44662	.06531	285.02	.26462	.20149	10.533	.38001	.29543
#2	.44676	.06520	285.65	.26710	.19482	10.505	.38095	.30238

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24828	1.6946	.62975	.18685	.20006	5.559	.29920	3.3520
Stddev	.00230	.0149	.00313	.00238	.00055	.010	.00009	.0619
%RSD	.92559	.87840	.49711	1.2731	.27314	.1798	.02982	1.8450

#1	.24665	1.6841	.63196	.18517	.19968	5.552	.29914	3.3957
#2	.24990	1.7052	.62753	.18853	.20045	5.566	.29927	3.3083

Sample Name: J5197-04A Acquired: 10/22/2018 20:22:41 Type: Unk
 Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA7593 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.20151
%RSD	46.398

#1	-.29181
#2	-.57678

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2590.7	40497.	4672.6	117.95	3015.8
Stddev	3.2	69.	9.0	2.91	4.8
%RSD	.12435	.16923	.19180	2.4669	.15994

#1	2588.4	40545.	4678.9	115.90	3012.4
#2	2593.0	40448.	4666.2	120.01	3019.2

Sample Name: J5604-02 Acquired: 10/22/2018 20:26:38 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MS-VB-29736- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00626	-.00300	.00840	.00780	.00294	.05781	.24115	-.00005
Stddev	.00086	.00228	.00001	.00137	.00039	.01912	.00015	.00004
%RSD	13.706	75.972	.17041	17.539	13.162	33.077	.06072	75.815

#1	-.00687	-.00139	.00839	.00877	.00266	.04429	.24105	-.00007
#2	-.00566	-.00461	.00841	.00684	.00321	.07133	.24125	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	114.92	.00010	.00390	.00911	2.1057	.69488	2.3935
Stddev	.00005	.34	.00035	.00044	.00017	.0039	.00042	.0118
%RSD	36.432	.29592	333.26	11.309	1.9192	.18514	.05995	.49298

#1	-.00011	114.68	.00035	.00359	.00923	2.1084	.69458	2.4018
#2	-.00018	115.16	-.00014	.00421	.00898	2.1029	.69517	2.3851

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01438	.00257	271.88	.00010	.09259	1.2595	.00138	.02268
Stddev	.00011	.00003	.74	.00057	.00074	.0024	.00028	.00466
%RSD	.75037	1.1030	.27300	564.23	.80039	.19024	20.328	20.556

#1	.01446	.00259	272.40	.00051	.09312	1.2612	.00158	.02598
#2	.01431	.00255	271.35	-.00030	.09207	1.2578	.00118	.01939

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.7017	.95820	-.00111	-.00341	.01092	.0179	.38679	3.7374
Stddev	.0004	.00108	.00034	.00019	.00087	.0015	.00028	.1050
%RSD	.01506	.11310	30.643	5.5454	7.9543	8.427	.07194	2.8099

#1	2.7014	.95897	-.00135	-.00328	.01153	.0190	.38659	3.8116
#2	2.7020	.95743	-.00087	-.00355	.01030	.0169	.38698	3.6631

Sample Name: J5604-02 Acquired: 10/22/2018 20:26:38 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MS-VB-29736- Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.4262
Stddev	1.0535
%RSD	73.869

#1	.68123
#2	2.1711

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2462.3	38806.	4628.4	114.20	2922.3
Stddev	21.0	66.	8.9	1.13	20.4
%RSD	.85421	.17004	.19179	.98618	.69671

#1	2447.5	38760.	4622.1	113.41	2907.9
#2	2477.2	38853.	4634.7	115.00	2936.7

Sample Name: J5604-04 Acquired: 10/22/2018 20:30:46 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MS-VB-25868- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00300	-.00421	-.00098	.00470	-.00035	.05817	.27154	-.00025
Stddev	.00332	.00240	.00048	.00205	.00154	.00451	.00162	.00016
%RSD	110.85	56.964	49.062	43.532	443.49	7.7463	.59720	64.774

#1	-.00065	-.00591	-.00064	.00325	.00074	.05498	.27268	-.00014
#2	-.00535	-.00251	-.00132	.00614	-.00143	.06135	.27039	-.00037

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00023	126.47	.00239	.00259	.00149	19.462	.74361	2.8443
Stddev	.00006	1.48	.00011	.00022	.00035	.320	.00194	.0295
%RSD	27.458	1.1709	4.5074	8.4521	23.271	1.6466	.26134	1.0352

#1	-.00019	127.51	.00247	.00274	.00173	19.235	.74223	2.8651
#2	-.00028	125.42	.00231	.00243	.00124	19.688	.74498	2.8234

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01562	-.00064	295.51	.00040	.05303	1.5058	.00307	.02819
Stddev	.00052	.00001	.48	.00017	.00065	.0420	.00032	.01122
%RSD	3.3511	1.1760	.16346	41.767	1.2218	2.7928	10.582	39.795

#1	.01599	-.00064	295.16	.00028	.05257	1.4761	.00284	.02026
#2	.01525	-.00063	295.85	.00052	.05348	1.5355	.00330	.03613

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.0308	1.8296	-.00113	-.00396	.01282	.0415	.43037	3.6313
Stddev	.0025	.0284	.00042	.00235	.00020	.0021	.00433	.0955
%RSD	.08159	1.5510	37.107	59.471	1.5934	5.156	1.0070	2.6295

#1	3.0326	1.8497	-.00142	-.00562	.01267	.0430	.43343	3.6989
#2	3.0291	1.8095	-.00083	-.00229	.01296	.0400	.42730	3.5638

Sample Name: J5604-04 Acquired: 10/22/2018 20:30:46 Type: Unk
 Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: MS-VB-25868- Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 5.3014
 Stddev .3113
 %RSD 5.8711

#1 5.0813
 #2 5.5215

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2476.5	39009.	4704.3	116.16	2911.3
Stddev	8.1	23.	68.0	1.07	8.1
%RSD	.32639	.05868	1.4453	.91733	.27869

#1	2470.8	38993.	4656.2	116.91	2905.5
#2	2482.2	39026.	4752.4	115.41	2917.0

Sample Name: CCV09 Acquired: 10/22/2018 20:34:53 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14038 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.3200	4.9372	4.8751	5.1917	5.4178	10.806	9.9845	.24497
Stddev	.0087	.0049	.0066	.0420	.0057	.039	.0176	.00033
%RSD	.16343	.09984	.13430	.80985	.10459	.35761	.17597	.13386
#1	5.3261	4.9407	4.8704	5.2214	5.4218	10.779	9.9969	.24474
#2	5.3138	4.9337	4.8797	5.1620	5.4138	10.833	9.9720	.24520
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3313	24.749	.97699	2.4117	1.2731	4.9191	2.4448	24.944
Stddev	.0000	.113	.00470	.0000	.0052	.1334	.0068	.048
%RSD	.00010	.45725	.48074	.00062	.40472	2.7122	.27734	.19306
#1	2.3313	24.669	.97367	2.4117	1.2767	4.8248	2.4401	24.910
#2	2.3313	24.829	.98031	2.4117	1.2694	5.0135	2.4496	24.978
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4547	1.2232	25.999	2.6513	2.2629	24.064	4.8239	4.6251
Stddev	.0018	.0008	.007	.0102	.0599	.043	.0135	.0145
%RSD	.07303	.06398	.02724	.38599	2.6489	.17900	.27983	.31438
#1	2.4534	1.2237	26.004	2.6440	2.2205	24.094	4.8334	4.6354
#2	2.4560	1.2226	25.994	2.6585	2.3053	24.033	4.8143	4.6149
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7480	4.5568	4.6987	4.8355	4.9343	4.867	5.0976	F 2.8569
Stddev	.0008	.0116	.0012	.0037	.0132	.013	.0036	.0443
%RSD	.01671	.25493	.02517	.07599	.26669	.2754	.07141	1.5506
#1	4.7486	4.5486	4.6979	4.8381	4.9436	4.876	5.1002	2.8255
#2	4.7475	4.5650	4.6996	4.8329	4.9250	4.857	5.0950	2.8882

Sample Name: CCV09 Acquired: 10/22/2018 20:34:53 Type: Unk
 Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV14038 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 1.0154
Stddev	.0271
%RSD	2.6709

#1	.99621
#2	1.0346

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2680.0	41963.	4752.9	117.19	3140.4
Stddev	10.5	43.	13.3	2.92	6.9
%RSD	.39084	.10260	.28072	2.4953	.21860

#1	2672.6	41993.	4743.5	119.26	3135.5
#2	2687.4	41932.	4762.3	115.12	3145.3

Sample Name: CCB09 Acquired: 10/22/2018 20:38:39 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14038 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00325	.00109	-.00056	.00300	.00065	-.01267	-.00426
Stddev	.00120	.00109	.00102	.00196	.00043	.00487	.00042
%RSD	36.851	99.259	180.78	65.433	66.221	38.457	9.8977

#1	-.00410	.00033	-.00128	.00438	.00095	-.00922	-.00456
#2	-.00241	.00186	.00016	.00161	.00034	-.01611	-.00396

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00009	.00071	.00008	.00035	-.00061	.00764
Stddev	.00004	.00000	.00839	.00024	.00003	.00035	.00636
%RSD	108.70	2.5822	1186.3	307.02	8.2883	58.373	83.273

#1	.00001	.00009	.00664	.00025	.00033	-.00086	.01214
#2	.00006	.00010	-.00523	-.00009	.00037	-.00036	.00314

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00866	.00241	-.00007	.06707	-.00009	-.00042
Stddev	.00004	.02071	.00019	.00001	.00176	.00047	.00000
%RSD	129.07	239.23	7.7412	17.280	2.6167	544.00	.38157

#1	.00006	.02330	.00227	-.00006	.06831	.00024	-.00042
#2	.00000	-.00599	.00254	-.00008	.06583	-.00042	-.00042

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19481	.00129	.01437	-.00684	-.00087	-.00065	-.00165
Stddev	.02274	.00003	.00336	.00298	.00082	.00036	.00140
%RSD	11.676	2.5812	23.411	43.577	94.299	56.301	85.400

#1	.17872	.00132	.01674	-.00473	-.00145	-.00090	-.00264
#2	.21089	.00127	.01199	-.00894	-.00029	-.00039	-.00065

Sample Name: CCB09 Acquired: 10/22/2018 20:38:39 Type: Unk
 Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14038 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00111	-.0026	.00006	F 1.8583	F<.00000
Stddev	.00037	.0008	.00006	.0447	.34018
%RSD	33.360	29.86	108.40	2.4030	24.606

#1	-.00085	-.0021	.00010	1.8267	-1.1419
#2	-.00137	-.0032	.00001	1.8899	-1.6230

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2807.7	44379.	4833.1	123.74	3523.7
Stddev	.2	72.	8.5	3.37	2.3
%RSD	.00672	.16144	.17510	2.7239	.06496

#1	2807.6	44328.	4827.1	121.36	3525.3
#2	2807.8	44429.	4839.1	126.13	3522.1

Sample Name: J5605-06 Acquired: 10/22/2018 20:42:44 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-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	-.00078	-.00224	.00617	.00647	.00024	.26188	.13866	.00017
Stddev	.00561	.00007	.00009	.00033	.00088	.00321	.00031	.00002
%RSD	714.28	3.2431	1.4060	5.0309	366.64	1.2239	.22542	10.532

#1	-.00475	-.00219	.00623	.00624	.00087	.26415	.13888	.00019
#2	.00318	-.00229	.00611	.00670	-.00038	.25961	.13844	.00016

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	5.8860	.00205	.00156	.00895	.14269	.58432	.59365
Stddev	.00001	.0958	.00028	.00011	.00026	.01746	.00020	.03961
%RSD	5.7361	1.6284	13.649	7.1138	2.9295	12.237	.03343	6.6716

#1	.00013	5.8182	.00225	.00164	.00877	.13035	.58446	.62165
#2	.00014	5.9537	.00185	.00148	.00914	.15504	.58418	.56564

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00497	-.00033	313.78	.00090	.03078	.75610	.00066	.02215
Stddev	.00036	.00001	4.18	.00082	.00059	.03630	.00054	.00597
%RSD	7.1960	4.3727	1.3336	91.576	1.9322	4.8011	82.132	26.942

#1	.00472	-.00034	316.74	.00148	.03120	.73043	.00104	.01793
#2	.00523	-.00032	310.82	.00032	.03036	.78177	.00028	.02637

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.39502	.57905	-.00030	.00261	.00075	.0076	.03728	3.5930
Stddev	.00261	.00407	.00091	.00158	.00137	.0005	.00004	.0800
%RSD	.66149	.70356	306.43	60.577	183.38	6.752	.11386	2.2254

#1	.39686	.58193	-.00094	.00149	.00172	.0073	.03725	3.5365
#2	.39317	.57617	.00035	.00373	-.00022	.0080	.03731	3.6496

Sample Name: J5605-06 Acquired: 10/22/2018 20:42:44 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-A Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .25458
Stddev .31818
%RSD 124.98

#1 .47957
#2 .02960

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2531.7	39287.	4681.0	116.80	3001.4
Stddev	19.0	126.	29.7	2.45	18.2
%RSD	.74933	.32041	.63349	2.0987	.60594

#1	2518.3	39198.	4660.0	115.07	2988.6
#2	2545.2	39376.	4701.9	118.53	3014.3

Sample Name: J5605-12 Acquired: 10/22/2018 20:46:54 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-B Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00264	-.00217	.00463	.00482	.00130	.14572	.10672	.00007
Stddev	.00371	.00027	.00110	.00374	.00075	.01970	.00144	.00001
%RSD	140.14	12.300	23.759	77.623	57.487	13.521	1.3528	20.572

#1	-.00527	-.00198	.00541	.00747	.00077	.15966	.10570	.00006
#2	-.00002	-.00236	.00386	.00217	.00183	.13179	.10774	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00029	5.6797	.00007	.00093	.02363	.06274	.33653	.73288
Stddev	.00005	.0052	.00003	.00002	.00006	.00631	.00106	.01056
%RSD	18.163	.09168	45.046	2.6933	.23558	10.054	.31598	1.4404

#1	.00032	5.6834	.00005	.00091	.02359	.05828	.33728	.74034
#2	.00025	5.6760	.00009	.00095	.02367	.06720	.33578	.72541

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00355	-.00014	285.56	-.00005	.03267	.86772	.00048	.02060
Stddev	.00031	.00012	.81	.00025	.00004	.02161	.00014	.00079
%RSD	8.6858	88.992	.28247	507.83	.13016	2.4902	30.251	3.8201

#1	.00377	-.00022	284.99	.00013	.03264	.88300	.00038	.02005
#2	.00333	-.00005	286.13	-.00022	.03270	.85245	.00058	.02116

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10997	.76471	-.00045	-.00030	.00177	.0059	.03104	3.4271
Stddev	.00422	.00143	.00038	.00168	.00147	.0009	.00011	.1014
%RSD	3.8360	.18685	83.256	553.75	83.199	15.33	.34811	2.9591

#1	.11295	.76370	-.00019	-.00149	.00281	.0066	.03112	3.4988
#2	.10699	.76572	-.00072	.00088	.00073	.0053	.03097	3.3554

Sample Name: J5605-12 Acquired: 10/22/2018 20:46:54 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-B Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.73279
Stddev	.25620
%RSD	34.962

#1	.55163
#2	.91395

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2560.7	39537.	4651.6	117.52	3027.3
Stddev	3.8	154.	26.9	.54	9.8
%RSD	.14759	.39000	.57876	.46131	.32367

#1	2558.0	39428.	4632.6	117.13	3020.4
#2	2563.3	39646.	4670.6	117.90	3034.2

Sample Name: J5606-03 Acquired: 10/22/2018 20:51:04 Type: Unk
 Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SOIL-PILE Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00477	-.00098	.02343	.00583	.00059	.44399	.35077	.00007
Stddev	.00653	.00050	.00042	.00178	.00067	.01166	.00020	.00003
%RSD	136.83	50.411	1.7986	30.460	112.86	2.6257	.05654	45.159

#1	-.00938	-.00133	.02314	.00709	.00012	.43574	.35091	.00010
#2	-.00015	-.00063	.02373	.00458	.00107	.45223	.35063	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00501	14.268	.00133	.00125	.10113	.21846	.53014	1.0197
Stddev	.00005	.046	.00018	.00004	.00033	.01225	.00126	.0421
%RSD	1.0658	.32167	13.871	3.1714	.32733	5.6076	.23740	4.1327

#1	.00497	14.236	.00146	.00122	.10089	.20979	.52925	.98988
#2	.00505	14.301	.00120	.00128	.10136	.22712	.53103	1.0495

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00999	.00074	277.30	.00072	.16908	1.1928	.00064	.03667
Stddev	.00013	.00072	2.07	.00023	.00317	.0430	.00014	.00149
%RSD	1.2565	96.999	.74747	32.617	1.8764	3.6019	21.406	4.0701

#1	.00991	.00023	275.84	.00089	.16684	1.1625	.00054	.03773
#2	.01008	.00125	278.77	.00055	.17133	1.2232	.00074	.03562

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22245	1.1133	-.00031	.01113	.00265	.0188	.06770	3.3633
Stddev	.00194	.0053	.00014	.00061	.00091	.0016	.00011	.0437
%RSD	.87253	.47832	45.280	5.5176	34.401	8.300	.16060	1.2999

#1	.22383	1.1170	-.00021	.01070	.00200	.0177	.06763	3.3324
#2	.22108	1.1095	-.00041	.01157	.00329	.0199	.06778	3.3942

Sample Name: J5606-03 Acquired: 10/22/2018 20:51:04 Type: Unk
 Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SOIL-PILE Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .46669
 Stddev .78540
 %RSD 168.29

#1 1.0221
 #2 -.08867

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2558.5	39695.	4645.5	118.28	3020.7
Stddev	2.2	27.	40.8	1.73	1.9
%RSD	.08652	.06730	.87917	1.4647	.06255

#1	2556.9	39677.	4616.6	119.50	3019.4
#2	2560.0	39714.	4674.4	117.05	3022.0

Sample Name: J5590-10 Acquired: 10/22/2018 20:55:12 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LS-DRUM Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00276	-.00026	-.00155	.00455	-.00023	-.00903	.02789
Stddev	.00496	.00044	.00034	.00400	.00045	.00206	.00021
%RSD	179.49	166.30	22.147	87.859	196.21	22.807	.75377

#1	.00074	-.00058	-.00131	.00738	.00009	-.00758	.02804
#2	-.00627	.00005	-.00179	.00172	-.00055	-.01049	.02774

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	.00007	6.2514	.00092	.00012	-.00009	.01178
Stddev	.00002	.00004	.0265	.00044	.00005	.00021	.00002
%RSD	72.903	57.919	.42411	48.276	43.826	229.26	.13328

#1	-.00004	.00004	6.2701	.00123	.00016	.00006	.01179
#2	-.00001	.00010	6.2326	.00060	.00008	-.00024	.01177

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00022	1.7987	.00272	-.00028	7.6118	-.00009	.00449
Stddev	.00003	.0064	.00036	.00016	.0172	.00019	.00002
%RSD	12.861	.35712	13.237	57.924	.22547	202.11	.39045

#1	.00020	1.7941	.00297	-.00017	7.6239	-.00023	.00450
#2	.00024	1.8032	.00246	-.00040	7.5996	.00004	.00447

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.54391	.00029	.01799	3.5422	.73574	-.00295	-.00098
Stddev	.00706	.00015	.00972	.0036	.00908	.00025	.00037
%RSD	1.2985	53.365	54.031	.10255	1.2336	8.3297	37.837

#1	.53891	.00040	.01111	3.5397	.74216	-.00278	-.00124
#2	.54890	.00018	.02486	3.5448	.72932	-.00313	-.00072

Sample Name: J5590-10 Acquired: 10/22/2018 20:55:12 Type: Unk
 Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LS-DRUM Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00098	.0013	.03821	2.1465	F<.00000
Stddev	.00072	.0007	.00010	.0778	.55742
%RSD	73.584	54.25	.26704	3.6259	47.014

#1	-.00047	.0018	.03828	2.0915	-.79148
#2	-.00148	.0008	.03814	2.2015	-1.5798

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2752.8	43441.	4705.2	120.14	3452.7
Stddev	6.1	64.	37.1	2.20	5.9
%RSD	.22158	.14757	.78940	1.8335	.17162

#1	2748.5	43487.	4679.0	118.58	3448.6
#2	2757.1	43396.	4731.5	121.69	3456.9

Sample Name: J5590-10DUP Acquired: 10/22/2018 20:59:15 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LS-DRUMDUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00432	.00010	-.00109	.00373	-.00060	-.00362	.02797	-.00003
Stddev	.00095	.00119	.00025	.00460	.00052	.00683	.00015	.00002
%RSD	21.913	1250.7	23.343	123.26	87.361	188.50	.53825	64.349

#1	-.00500	.00094	-.00127	.00048	-.00097	-.00845	.02808	-.00005
#2	-.00365	-.00075	-.00091	.00698	-.00023	.00121	.02787	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	6.3024	.00095	.00038	-.00035	.01327	.00021	1.7616
Stddev	.00002	.0627	.00022	.00008	.00028	.00324	.00004	.0241
%RSD	34.968	.99555	22.931	22.281	79.678	24.412	18.347	1.3679

#1	.00009	6.2581	.00110	.00044	-.00015	.01098	.00019	1.7445
#2	.00005	6.3468	.00079	.00032	-.00055	.01556	.00024	1.7786

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00261	.00016	7.6005	.00028	.00448	.56632	.00063	.02302
Stddev	.00032	.00016	.0375	.00019	.00000	.00940	.00011	.00022
%RSD	12.409	96.396	.49379	67.518	.00546	1.6600	17.975	.95371

#1	.00284	.00005	7.5739	.00014	.00448	.57297	.00055	.02286
#2	.00238	.00027	7.6270	.00041	.00448	.55967	.00071	.02317

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.5844	.73247	-.00225	-.00189	-.00225	.0029	.03822	2.1256
Stddev	.0116	.00738	.00017	.00091	.00219	.0016	.00008	.0654
%RSD	.32216	1.0080	7.7747	47.931	97.132	56.53	.20741	3.0757

#1	3.5926	.72725	-.00237	-.00125	-.00380	.0041	.03816	2.1719
#2	3.5763	.73769	-.00212	-.00253	-.00071	.0017	.03827	2.0794

Sample Name: J5590-10DUP Acquired: 10/22/2018 20:59:15 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LS-DRUMDUP Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .13148
%RSD 15.009

#1 -.78304
#2 -.96898

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2745.7	43513.	4755.1	121.43	3443.4
Stddev	1.5	343.	37.8	.50	1.8
%RSD	.05590	.78769	.79444	.40902	.05222

#1	2744.6	43270.	4781.8	121.79	3444.7
#2	2746.8	43755.	4728.4	121.08	3442.1

Sample Name: J5590-10LX5 Acquired: 10/22/2018 21:03:17 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7593 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00298	.00045	-.00179	.00311	.00184	-.00859	.00345
Stddev	.00245	.00191	.00119	.00347	.00073	.00870	.00001
%RSD	82.271	424.35	66.720	111.50	39.412	101.34	.32714

#1	-.00125	-.00090	-.00263	.00066	.00236	-.00243	.00344
#2	-.00471	.00180	-.00094	.00556	.00133	-.01474	.00346

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	.00015	1.2964	.00017	.00034	-.00065	.01129
Stddev	.00007	.00008	.0266	.00023	.00046	.00041	.00426
%RSD	56.520	57.184	2.0511	134.92	135.77	63.273	37.749

#1	.00018	.00021	1.2776	.00033	.00066	-.00094	.01431
#2	.00008	.00009	1.3152	.00001	.00001	-.00036	.00828

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	.32647	.00260	-.00042	1.5709	-.00018	.00051
Stddev	.00002	.03430	.00027	.00008	.0025	.00003	.00003
%RSD	22.546	10.507	10.557	19.350	.16083	14.258	5.6407

#1	.00009	.30221	.00241	-.00036	1.5727	-.00020	.00053
#2	.00006	.35072	.00280	-.00048	1.5691	-.00016	.00049

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23228	.00023	.01218	.74904	.16052	-.00119	-.00130
Stddev	.00438	.00031	.00390	.00990	.00322	.00029	.00159
%RSD	1.8875	134.80	32.058	1.3222	2.0052	24.485	122.98

#1	.23538	.00045	.00942	.75604	.16280	-.00140	-.00017
#2	.22918	.00001	.01494	.74203	.15824	-.00099	-.00242

Sample Name: J5590-10LX5 Acquired: 10/22/2018 21:03:17 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7593 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00019	.0009	.00793	1.8875	F<.00000
Stddev	.00032	.0012	.00005	.0335	.08832
%RSD	171.15	130.6	.63340	1.7720	6.8665

#1	-.00041	.0001	.00796	1.8638	-1.3487
#2	.00004	.0018	.00789	1.9111	-1.2238

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2809.8	44197.	4726.4	122.80	3503.6
Stddev	4.3	29.	11.4	1.24	8.9
%RSD	.15199	.06449	.24039	1.0077	.25267

#1	2806.8	44177.	4718.4	121.93	3497.4
#2	2812.9	44218.	4734.5	123.68	3509.9

Sample Name: J5590-10MS Acquired: 10/22/2018 21:07:22 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LS-DRUMMS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00350	.02792	.00763	.02670	.01090	.03459	.03005
Stddev	.00586	.01768	.00641	.01386	.00412	.03788	.00204
%RSD	167.20	63.345	83.997	51.893	37.797	109.53	6.7897

#1	-.00064	.01541	.00310	.01690	.00799	.06138	.03150
#2	.00765	.04042	.01216	.03650	.01381	.00780	.02861

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00062	.00177	6.2806	.00189	.00198	.00237	.03953
Stddev	.00006	.00103	.0162	.00073	.00078	.00171	.02861
%RSD	9.1505	58.149	.25759	38.460	39.621	72.151	72.373

#1	.00058	.00104	6.2692	.00240	.00142	.00116	.05976
#2	.00066	.00249	6.2921	.00137	.00253	.00358	.01930

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00088	1.7904	.00709	-.00021	7.6125	.00123	.00573
Stddev	.00016	.0025	.00162	.00075	.0075	.00048	.00098
%RSD	18.366	.13942	22.903	360.14	.09819	38.796	17.137

#1	.00076	1.7922	.00594	-.00074	7.6178	.00089	.00503
#2	.00099	1.7887	.00824	.00032	7.6072	.00157	.00642

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.58285	.00501	.02565	3.5873	.74256	.00344	.00167
Stddev	.01706	.00257	.00457	.0085	.00878	.00457	.00222
%RSD	2.9269	51.283	17.808	.23752	1.1818	132.97	133.17

#1	.59492	.00319	.02888	3.5933	.73635	.00021	.00324
#2	.57079	.00682	.02242	3.5813	.74877	.00668	.00010

Sample Name: J5590-10MS Acquired: 10/22/2018 21:07:22 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LS-DRUMMS Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	.0565	.04031	2.0658	F<.00000
Stddev	.00083	.0313	.00173	.0974	.36628
%RSD	833.19	55.41	4.2941	4.7126	24.651

#1	.00049	.0343	.04153	2.1347	-1.7449
#2	-.00068	.0786	.03908	1.9970	-1.2269

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2738.4	43472.	4733.0	121.91	3433.3
Stddev	9.8	276.	5.2	.48	6.4
%RSD	.35692	.63486	.10962	.39333	.18618

#1	2731.5	43277.	4729.3	122.25	3428.8
#2	2745.3	43667.	4736.7	121.58	3437.8

Sample Name: J5590-10MSD Acquired: 10/22/2018 21:11:25 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LS-DRUMMSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.77220	1.7217	.87676	1.8404	.79799	.41773	.07428
Stddev	.19291	.4043	.21920	.4397	.19321	.10078	.00868
%RSD	24.982	23.482	25.001	23.889	24.212	24.125	11.682

#1	.63579	1.4359	.72177	1.5295	.66137	.34647	.06814
#2	.90861	2.0076	1.0318	2.1513	.93461	.48900	.08041

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08433	.16922	6.4906	.17464	.18390	.29973	.58106
Stddev	.01630	.04192	.1206	.03515	.04579	.07381	.13288
%RSD	19.336	24.772	1.8583	20.128	24.902	24.627	22.868

#1	.07280	.13958	6.4053	.14979	.15152	.24753	.48710
#2	.09585	.19887	6.5759	.19950	.21628	.35192	.67502

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09291	2.1409	.44313	.03069	8.3318	.12938	.17082
Stddev	.01757	.0659	.10964	.00505	.1404	.02539	.04162
%RSD	18.914	3.0795	24.743	16.456	1.6854	19.625	24.363

#1	.08048	2.0943	.36560	.02712	8.2325	.11142	.14139
#2	.10533	2.1876	.52066	.03426	8.4311	.14733	.20024

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.2275	.38785	.09091	3.5471	1.1561	.60870	.04243
Stddev	.5138	.09318	.00915	.0034	.0642	.14833	.01032
%RSD	15.919	24.024	10.065	.09447	5.5504	24.369	24.333

#1	2.8642	.32196	.08444	3.5448	1.1107	.50382	.03513
#2	3.5908	.45374	.09738	3.5495	1.2015	.71359	.04973

Sample Name: J5590-10MSD Acquired: 10/22/2018 21:11:25 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LS-DRUMMSD Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.04935	4.957	.08482	2.1224	F<.00000
Stddev	.01063	1.203	.01031	.0074	.35599
%RSD	21.536	24.28	12.158	.34920	21.437

#1	.04183	4.106	.07753	2.1172	-1.4089
#2	.05686	5.808	.09211	2.1277	-1.9124

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2728.2	43402.	4725.8	120.65	3385.9
Stddev	2.8	76.	11.2	.07	4.9
%RSD	.10273	.17603	.23634	.05422	.14378

#1	2726.2	43348.	4717.9	120.60	3389.4
#2	2730.2	43456.	4733.7	120.69	3382.5

Sample Name: J5590-10A Acquired: 10/22/2018 21:15:19 Type: Unk
Method: P4-ICP2(v2516) 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	1.6251	3.7546	1.8669	3.9377	1.6758	4.1696	.44148
Stddev	.0050	.0008	.0004	.0089	.0029	.0585	.00622
%RSD	.31037	.02180	.02387	.22554	.17589	1.4019	1.4096

#1	1.6216	3.7540	1.8672	3.9440	1.6779	4.1283	.43708
#2	1.6287	3.7552	1.8665	3.9314	1.6737	4.2110	.44588

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.38169	.35879	8.1074	.79112	.38295	.62004	5.5580
Stddev	.00054	.00078	.0427	.00007	.00077	.00241	.0265
%RSD	.14117	.21645	.52718	.00823	.20065	.38808	.47687

#1	.38207	.35934	8.0772	.79117	.38350	.62175	5.5392
#2	.38131	.35824	8.1376	.79108	.38241	.61834	5.5767

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.40935	5.4114	.91867	.13431	13.099	.56875	.35928
Stddev	.00089	.0925	.00354	.00035	.112	.00154	.00239
%RSD	.21660	1.7101	.38482	.26083	.85453	.27025	.66656

#1	.40998	5.3460	.92117	.13407	13.020	.56984	.36097
#2	.40873	5.4768	.91617	.13456	13.178	.56766	.35759

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.256	.80683	.57603	3.5407	2.4899	1.2761	.39393
Stddev	.400	.00191	.01799	.0031	.0069	.0008	.01033
%RSD	2.1918	.23612	3.1237	.08671	.27918	.06611	2.6226

#1	17.973	.80818	.56331	3.5385	2.4850	1.2767	.38662
#2	18.539	.80549	.58875	3.5428	2.4948	1.2755	.40123

Sample Name: J5590-10A Acquired: 10/22/2018 21:15:19 Type: Unk
 Method: P4-ICP2(v2516) 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	.39885	F 10.45	.45120	2.3280	F<.00000
Stddev	.00822	.03	.00728	.0890	.00499
%RSD	2.0605	.3125	1.6145	3.8209	.18776

#1	.39304	10.47	.44605	2.2651	-2.6517
#2	.40466	10.42	.45635	2.3909	-2.6588

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2710.6	42865.	4623.7	118.30	3326.0
Stddev	10.4	37.	.0	.84	15.3
%RSD	.38526	.08665	.00053	.71389	.45852

#1	2703.2	42891.	4623.7	117.71	3315.2
#2	2717.9	42839.	4623.8	118.90	3336.7

Sample Name: J5604-06 Acquired: 10/22/2018 21:19:07 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MS-VB-29736- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00326	-.00209	.00574	.00807	.00332	.01490	.08258	-.00010
Stddev	.00131	.00182	.00024	.00067	.00171	.00458	.00020	.00007
%RSD	40.189	86.859	4.1626	8.3301	51.520	30.760	.23636	73.014

#1	-.00419	-.00338	.00591	.00760	.00211	.01166	.08272	-.00015
#2	-.00234	-.00081	.00557	.00855	.00453	.01814	.08245	-.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	31.359	.00035	.00054	.00002	.33023	.14920	10.064
Stddev	.00003	.149	.00007	.00024	.00003	.00344	.00029	.008
%RSD	35.250	.47463	21.149	44.533	168.67	1.0429	.19617	.07647

#1	-.00007	31.464	.00030	.00037	-.00000	.32779	.14940	10.059
#2	-.00012	31.254	.00041	.00071	.00004	.33266	.14899	10.070

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00289	.00004	113.08	.00024	.03876	4.7725	.01350	.07084
Stddev	.00004	.00027	.20	.00031	.00046	.0285	.00006	.00243
%RSD	1.2652	650.37	.17861	130.35	1.1898	.59723	.47042	3.4256

#1	.00286	-.00015	113.23	.00046	.03909	4.7927	.01346	.06913
#2	.00291	.00023	112.94	.00002	.03843	4.7523	.01355	.07256

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.0683	.81301	-.00304	.00085	.01175	.0119	.25264	2.7471
Stddev	.0401	.00701	.00009	.00187	.00225	.0010	.00079	.0190
%RSD	.49677	.86254	3.0883	220.06	19.158	8.557	.31235	.69003

#1	8.0966	.81797	-.00311	-.00047	.01335	.0112	.25319	2.7605
#2	8.0399	.80805	-.00298	.00217	.01016	.0126	.25208	2.7337

Sample Name: J5604-06 Acquired: 10/22/2018 21:19:07 Type: Unk
 Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: MS-VB-29736- Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .43689
 %RSD 138.96

#1 -.62333
 #2 -.00547

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2587.0	41185.	4762.5	119.69	3117.4
Stddev	7.5	18.	16.4	.53	15.2
%RSD	.29100	.04376	.34495	.44113	.48811

#1	2581.7	41198.	4750.9	119.31	3106.7
#2	2592.4	41172.	4774.1	120.06	3128.2

Sample Name: CCV10 Acquired: 10/22/2018 21:23:09 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14039 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2459	4.9668	4.8279	5.1498	5.3155	10.590	9.9028	.24378
Stddev	.0198	.0177	.0041	.0009	.0218	.017	.0136	.00089
%RSD	.37641	.35649	.08430	.01816	.41035	.15673	.13715	.36617
#1	5.2599	4.9793	4.8250	5.1504	5.3309	10.602	9.9124	.24441
#2	5.2320	4.9543	4.8308	5.1491	5.3001	10.579	9.8932	.24314
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3249	24.905	.98500	2.3901	1.2629	4.8563	2.4402	25.110
Stddev	.0037	.174	.00040	.0000	.0026	.0046	.0054	.043
%RSD	.15698	.69867	.04029	.00113	.20530	.09480	.22313	.17065
#1	2.3274	24.782	.98528	2.3902	1.2647	4.8531	2.4441	25.080
#2	2.3223	25.028	.98472	2.3901	1.2610	4.8596	2.4364	25.141
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4587	1.2195	26.065	2.6773	F 2.2367	24.356	4.8330	4.6770
Stddev	.0062	.0015	.003	.0008	.0119	.001	.0131	.0120
%RSD	.25054	.12695	.01128	.03021	.53239	.00319	.27067	.25677
#1	2.4631	1.2206	26.067	2.6779	2.2452	24.356	4.8422	4.6685
#2	2.4544	1.2184	26.063	2.6767	2.2283	24.355	4.8237	4.6855
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7884	4.6293	4.6890	4.8018	4.9341	4.880	5.1025	F 2.8841
Stddev	.0266	.0135	.0262	.0079	.0082	.009	.0010	.0369
%RSD	.55539	.29086	.55811	.16529	.16663	.1807	.01994	1.2808
#1	4.8072	4.6198	4.7075	4.8074	4.9399	4.886	5.1018	2.9102
#2	4.7696	4.6388	4.6705	4.7962	4.9283	4.874	5.1032	2.8580

Sample Name: CCV10 Acquired: 10/22/2018 21:23:09 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14039 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.4190
Stddev .0715
%RSD 5.0416

#1 1.3684
#2 1.4696

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2714.2	41996.	4671.5	117.48	3157.0
Stddev	11.3	144.	10.0	.90	13.2
%RSD	.41481	.34268	.21466	.76389	.41848

#1	2706.2	41894.	4664.4	116.85	3147.7
#2	2722.2	42098.	4678.6	118.12	3166.3

Sample Name: CCB10 Acquired: 10/22/2018 21:26:55 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14039 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00290	.00135	-.00187	F .00608	.00157	-.01405	-.00365
Stddev	.00018	.00054	.00028	.00040	.00196	.01653	.00018
%RSD	6.1052	40.210	15.131	6.6176	124.89	117.65	4.9536

#1	-.00278	.00174	-.00207	.00636	.00018	-.00236	-.00378
#2	-.00303	.00097	-.00167	.00579	.00295	-.02574	-.00352

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00009	.01264	.00009	.00029	-.00026	.01027
Stddev	.00010	.00005	.00866	.00003	.00004	.00049	.00815
%RSD	366.88	61.278	68.507	34.996	13.521	190.79	79.367

#1	.00010	.00013	.00652	.00012	.00027	.00009	.00451
#2	-.00004	.00005	.01877	.00007	.00032	-.00061	.01603

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.02581	.00246	.00021	-.01056	.00000	-.00042
Stddev	.00001	.01425	.00022	.00005	.00042	.00013	.00006
%RSD	76.754	55.217	8.9916	22.044	3.9638	13767.	13.322

#1	.00001	.03589	.00262	.00018	-.01086	.00009	-.00038
#2	.00003	.01573	.00231	.00025	-.01027	-.00009	-.00046

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13588	.00148	.00986	-.00661	.00075	-.00017	-.00072
Stddev	.01183	.00024	.00554	.00222	.00161	.00041	.00148
%RSD	8.7027	16.377	56.190	33.534	214.87	244.53	204.70

#1	.14425	.00165	.00594	-.00817	-.00039	-.00045	-.00177
#2	.12752	.00131	.01378	-.00504	.00188	.00012	.00032

Sample Name: CCB10 Acquired: 10/22/2018 21:26:55 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14039 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00100	-0.0006	-0.00004	F 1.7624	F<.00000
Stddev	.00113	.0023	.00010	.1350	.67439
%RSD	113.84	376.7	225.93	7.6597	47.132

#1	-0.00180	-0.0023	-0.00012	1.8578	-.95398
#2	-0.00019	.0010	.00003	1.6669	-1.9077

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2827.0	44018.	4789.2	122.14	3519.1
Stddev	4.6	36.	10.9	.49	9.2
%RSD	.16156	.08087	.22751	.40525	.26238

#1	2823.8	44043.	4781.5	121.79	3512.6
#2	2830.3	43993.	4796.9	122.49	3525.7

Sample Name: J5604-09 Acquired: 10/22/2018 21:30:59 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MS-VB-25868- 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	-.00125	.00921	.00441	-.00006	.02498	.07711	-.00006
Stddev	.00053	.00104	.00088	.00048	.00146	.00477	.00042	.00009
%RSD	26.598	83.095	9.4967	10.786	2266.0	19.111	.54926	146.19
#1	-.00238	-.00052	.00860	.00475	.00097	.02160	.07741	.00000
#2	-.00162	-.00198	.00983	.00408	-.00109	.02835	.07681	-.00012
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	36.833	.00065	.00093	-.00036	1.4621	.25914	10.444
Stddev	.00002	.112	.00013	.00025	.00071	.0026	.00033	.052
%RSD	14.553	.30528	20.692	26.593	195.26	.17820	.12757	.49728
#1	-.00012	36.753	.00074	.00076	.00014	1.4603	.25937	10.407
#2	-.00015	36.913	.00055	.00111	-.00086	1.4640	.25891	10.481
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00403	-.00051	117.57	.00043	.05571	5.0036	.03024	.08876
Stddev	.00068	.00016	.58	.00048	.00029	.0295	.00019	.00150
%RSD	16.793	30.312	.49434	111.97	.51365	.58975	.64144	1.6909
#1	.00355	-.00040	117.16	.00009	.05592	4.9827	.03038	.08982
#2	.00451	-.00062	117.98	.00077	.05551	5.0245	.03011	.08770
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 10.615	1.4856	-.00393	-.00207	.01144	.0378	.27434	2.8739
Stddev	.006	.0048	.00005	.00040	.00003	.0007	.00136	.1753
%RSD	.05261	.32419	1.3840	19.369	.24627	1.829	.49548	6.1000
#1	10.619	1.4890	-.00397	-.00235	.01142	.0373	.27338	2.9979
#2	10.611	1.4821	-.00389	-.00178	.01146	.0383	.27530	2.7499

Sample Name: J5604-09 Acquired: 10/22/2018 21:30:59 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MS-VB-25868- Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.31744
Stddev	.23169
%RSD	72.985

#1	.48127
#2	.15362

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2589.6	40749.	4725.8	118.28	3114.8
Stddev	9.4	74.	.8	1.35	14.0
%RSD	.36163	.18168	.01784	1.1424	.44975

#1	2583.0	40697.	4725.2	117.32	3104.9
#2	2596.2	40801.	4726.4	119.23	3124.7

Sample Name: J5601-02 Acquired: 10/22/2018 21:35:01 Type: Unk
Method: P4-ICP2(v2516) 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	-.00202	.00051	.00131	.00599	-.00279	.00606	.01235	.00007
Stddev	.00160	.00006	.00046	.00242	.00131	.01470	.00068	.00008
%RSD	79.248	11.787	35.113	40.388	47.056	242.53	5.5424	121.88

#1	-.00315	.00056	.00098	.00770	-.00372	-.00433	.01187	.00001
#2	-.00089	.00047	.00163	.00428	-.00186	.01646	.01284	.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	37.450	-.00029	-.00001	.00104	.01625	.00255	46.864
Stddev	.00015	.042	.00038	.00031	.00027	.00068	.00004	.009
%RSD	1163.5	.11223	129.92	2226.2	25.969	4.1691	1.4499	.01864

#1	-.00012	37.421	-.00056	-.00023	.00123	.01578	.00258	46.870
#2	.00009	37.480	-.00002	.00021	.00085	.01673	.00252	46.858

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00030	-.00024	380.63	.00127	.00006	15.442	.00068	.18152
Stddev	.00008	.00017	3.48	.00027	.00006	.047	.00008	.00577
%RSD	24.991	70.212	.91322	21.488	103.11	.30251	11.254	3.1762

#1	.00035	-.00012	383.09	.00108	.00010	15.475	.00074	.18560
#2	.00025	-.00035	378.17	.00146	.00002	15.409	.00063	.17744

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 36.776	1.3782	-.01436	-.00170	.00463	.0619	.38671	2.0869
Stddev	.045	.0108	.00114	.00071	.00002	.0006	.00070	.1737
%RSD	.12362	.78341	7.9494	41.834	.47303	.9781	.18187	8.3221

#1	36.809	1.3858	-.01517	-.00119	.00465	.0615	.38721	2.2097
#2	36.744	1.3705	-.01356	-.00220	.00462	.0623	.38622	1.9641

Sample Name: J5601-02 Acquired: 10/22/2018 21:35:01 Type: Unk
 Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	2.1420
Stddev	.3425
%RSD	15.992

#1	1.8998
#2	2.3842

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2864.8	43091.	4879.9	126.04	3223.4
Stddev	7.4	39.	19.4	1.01	2.3
%RSD	.25720	.09091	.39846	.80520	.06990

#1	2870.0	43063.	4893.6	126.76	3225.0
#2	2859.6	43119.	4866.1	125.32	3221.8

Sample Name: J5601-03 Acquired: 10/22/2018 21:39:09 Type: Unk
Method: P4-ICP2(v2516) 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	-.00031	.00157	.00015	.00357	-.00274	-.00593	.01284	.00014
Stddev	.00121	.00030	.00018	.00004	.00010	.02108	.00008	.00001
%RSD	388.89	19.146	117.34	1.1459	3.5255	355.73	.60099	9.8331
#1	-.00117	.00178	.00028	.00355	-.00281	.00898	.01278	.00013
#2	.00055	.00136	.00003	.00360	-.00267	-.02083	.01289	.00015
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	32.683	.00023	.00003	.00108	.01495	.00136	31.167
Stddev	.00013	.060	.00034	.00016	.00003	.00455	.00001	.027
%RSD	263.49	.18489	145.02	493.55	2.4739	30.421	.76163	.08698
#1	.00014	32.640	.00048	.00014	.00106	.01174	.00136	31.186
#2	-.00004	32.725	-.00001	-.00008	.00109	.01817	.00135	31.147
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00096	-.00014	243.56	.00084	-.00008	10.235	.00073	.11329
Stddev	.00089	.00006	1.57	.00036	.00003	.026	.00001	.00424
%RSD	92.450	38.597	.64274	43.588	32.164	.25138	1.8182	3.7434
#1	.00159	-.00018	244.67	.00058	-.00006	10.216	.00072	.11029
#2	.00033	-.00010	242.45	.00109	-.00010	10.253	.00074	.11628
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 24.964	1.3841	-.01006	-.00108	.00211	.0554	.29024	1.9292
Stddev	1.242	.0117	.00106	.00136	.00004	.0026	.00017	.0724
%RSD	4.9742	.84301	10.527	125.94	2.0437	4.769	.05967	3.7517
#1	24.086	1.3923	-.00931	-.00203	.00214	.0535	.29037	1.8780
#2	25.842	1.3758	-.01081	-.00012	.00208	.0573	.29012	1.9804

Sample Name: J5601-03 Acquired: 10/22/2018 21:39:09 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.4048
Stddev	.2959
%RSD	21.067

#1	1.1955
#2	1.6141

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2821.5	43474.	4911.7	127.20	3230.7
Stddev	118.6	20.	3.7	1.67	132.9
%RSD	4.2043	.04657	.07544	1.3152	4.1135

#1	2905.4	43488.	4914.4	126.02	3324.7
#2	2737.6	43460.	4909.1	128.38	3136.8

Sample Name: J5601-04 Acquired: 10/22/2018 21:43:18 Type: Unk
Method: P4-ICP2(v2516) 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	.00064	.00054	.00302	.00434	-.00349	-.00497	.01463	.00016
Stddev	.00008	.00083	.00040	.00495	.00188	.01297	.00022	.00008
%RSD	13.227	155.67	13.111	113.88	54.027	261.14	1.5344	49.727

#1	.00070	-.00005	.00330	.00085	-.00216	.00421	.01447	.00011
#2	.00058	.00112	.00274	.00784	-.00482	-.01414	.01479	.00022

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	79.648	-.00041	.00004	.00072	-.01503	.00569	182.07
Stddev	.00009	.123	.00014	.00016	.00041	.01147	.00002	1.63
%RSD	66.170	.15447	34.182	404.99	57.465	76.308	.33416	.89712

#1	-.00007	79.561	-.00031	-.00008	.00043	-.00692	.00567	183.22
#2	-.00019	79.735	-.00051	.00016	.00101	-.02313	.00570	180.91

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00158	-.00021	1449.8	.00216	.00059	62.137	.00214	.64543
Stddev	.00105	.00031	11.7	.00042	.00014	.203	.00017	.00185
%RSD	66.130	150.68	.80417	19.289	23.159	.32633	8.1687	.28677

#1	-.00084	.00001	1458.0	.00187	.00050	61.994	.00202	.64674
#2	-.00232	-.00043	1441.6	.00246	.00069	62.281	.00226	.64412

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 156.09	1.2725	-.05766	-.00270	.02749	.0960	1.2464	3.7027
Stddev	.12	.0053	.00077	.00100	.00208	.0020	.0007	.1434
%RSD	.07813	.41726	1.3287	36.948	7.5588	2.083	.05809	3.8735

#1	156.18	1.2687	-.05820	-.00340	.02896	.0974	1.2459	3.6013
#2	156.01	1.2762	-.05712	-.00199	.02602	.0946	1.2469	3.8041

Sample Name: J5601-04 Acquired: 10/22/2018 21:43:18 Type: Unk
 Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	4.6173
Stddev	.5549
%RSD	12.017

#1	5.0097
#2	4.2249

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2574.1	38073.	4640.8	116.02	2743.0
Stddev	1.9	190.	1.2	1.78	2.9
%RSD	.07367	.49826	.02605	1.5385	.10592

#1	2575.5	38208.	4641.7	117.28	2740.9
#2	2572.8	37939.	4640.0	114.76	2745.0

Sample Name: J5601-05 Acquired: 10/22/2018 21:47:27 Type: Unk
Method: P4-ICP2(v2516) 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	-.00119	.00174	-.00094	.00180	-.00160	.03653	.01052	.00009
Stddev	.00030	.00035	.00201	.00079	.00297	.00377	.00019	.00007
%RSD	24.818	19.951	214.02	44.079	185.30	10.314	1.7992	79.548
#1	-.00140	.00199	-.00236	.00124	.00050	.03386	.01066	.00004
#2	-.00098	.00150	.00048	.00237	-.00370	.03919	.01039	.00013
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	28.737	.00008	.00006	.00146	.01256	.00226	16.859
Stddev	.00004	.043	.00032	.00003	.00019	.01253	.00003	.079
%RSD	131.24	.15048	409.27	45.247	12.937	99.769	1.2163	.47056
#1	-.00000	28.706	.00031	.00008	.00160	.00370	.00228	16.915
#2	-.00006	28.767	-.00015	.00004	.00133	.02142	.00224	16.803
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00125	-.00008	123.53	.00059	-.00010	5.6748	.00045	.06291
Stddev	.00002	.00048	1.71	.00030	.00007	.0265	.00007	.00135
%RSD	1.3806	585.10	1.3814	49.971	69.770	.46625	14.726	2.1381
#1	.00127	-.00042	124.74	.00080	-.00005	5.6935	.00050	.06196
#2	.00124	.00025	122.33	.00038	-.00015	5.6561	.00041	.06387
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 13.287	1.2999	-.00532	-.00185	.00016	.0609	.20355	1.6770
Stddev	.032	.0213	.00006	.00044	.00059	.0014	.00042	.0608
%RSD	.23719	1.6394	1.0418	23.813	374.23	2.368	.20439	3.6234
#1	13.309	1.3150	-.00536	-.00217	.00057	.0598	.20385	1.7200
#2	13.265	1.2849	-.00528	-.00154	-.00026	.0619	.20326	1.6340

Sample Name: J5601-05 Acquired: 10/22/2018 21:47:27 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.54399
Stddev	.27812
%RSD	51.127

#1	.34732
#2	.74065

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2874.0	44019.	4950.5	126.80	3382.1
Stddev	8.1	49.	66.5	3.08	15.5
%RSD	.28146	.11131	1.3423	2.4292	.45718

#1	2868.3	44054.	4903.5	124.63	3371.2
#2	2879.7	43984.	4997.5	128.98	3393.1

Sample Name: J5601-06 Acquired: 10/22/2018 21:51:30 Type: Unk
Method: P4-ICP2(v2516) 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	-.00105	.00126	-.00058	.00354	-.00143	.01560	.01284	.00010
Stddev	.00464	.00047	.00135	.00292	.00074	.01018	.00056	.00003
%RSD	441.52	37.006	230.07	82.362	51.724	65.264	4.3884	32.092
#1	.00223	.00159	.00037	.00148	-.00091	.02279	.01324	.00012
#2	-.00433	.00093	-.00154	.00561	-.00195	.00840	.01244	.00007
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	30.996	.00009	-.00016	.00136	.02108	.00129	23.169
Stddev	.00010	.163	.00017	.00002	.00003	.00874	.00002	.041
%RSD	907.14	.52565	200.22	15.043	2.4295	41.439	1.4175	.17620
#1	.00008	31.111	-.00004	-.00017	.00139	.01491	.00131	23.198
#2	-.00006	30.881	.00021	-.00014	.00134	.02726	.00128	23.140
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00140	.00038	177.58	.00141	-.00021	7.7416	.00046	.09344
Stddev	.00035	.00025	.74	.00012	.00005	.0165	.00016	.00282
%RSD	25.257	66.010	.41484	8.6071	23.062	.21330	34.943	3.0232
#1	.00115	.00055	177.06	.00149	-.00024	7.7533	.00035	.09544
#2	.00165	.00020	178.11	.00132	-.00017	7.7299	.00058	.09144
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 18.419	1.4571	-.00723	-.00032	.00067	.0539	.24884	2.1636
Stddev	.040	.0046	.00016	.00039	.00066	.0014	.00124	.0277
%RSD	.21937	.31674	2.2483	120.10	97.508	2.639	.49936	1.2778
#1	18.391	1.4603	-.00711	-.00060	.00114	.0529	.24972	2.1440
#2	18.448	1.4538	-.00734	-.00005	.00021	.0549	.24797	2.1831

Sample Name: J5601-06 Acquired: 10/22/2018 21:51:30 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.0529
Stddev	.0291
%RSD	2.7688

#1	1.0735
#2	1.0322

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2847.8	43252.	4874.5	124.31	3304.7
Stddev	3.8	27.	20.4	1.60	1.4
%RSD	.13175	.06252	.41869	1.2879	.04124

#1	2850.4	43233.	4889.0	125.44	3305.6
#2	2845.1	43271.	4860.1	123.18	3303.7

Sample Name: J5601-07 Acquired: 10/22/2018 21:55:32 Type: Unk
Method: P4-ICP2(v2516) 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	-.00370	.00040	-.00053	-.00010	-.00280	.00705	.01015	.00013
Stddev	.00526	.00148	.00080	.00244	.00008	.01786	.00037	.00008
%RSD	142.13	369.04	150.24	2378.8	2.8007	253.31	3.6658	64.616
#1	-.00743	.00145	.00003	-.00183	-.00274	-.00558	.00988	.00019
#2	.00002	-.00064	-.00109	.00162	-.00285	.01967	.01041	.00007
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	28.665	-.00034	.00004	.00150	.00569	.00225	17.862
Stddev	.00007	.100	.00024	.00004	.00029	.00718	.00007	.017
%RSD	156.80	.35025	71.272	84.069	19.380	126.12	2.9684	.09732
#1	.00009	28.736	-.00017	.00007	.00170	.01077	.00220	17.850
#2	-.00000	28.594	-.00051	.00002	.00129	.00062	.00229	17.875
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00193	.00011	132.49	.00119	-.00017	5.9498	.00062	.06729
Stddev	.00011	.00025	.38	.00055	.00001	.0007	.00045	.00578
%RSD	5.6997	234.40	.28724	45.858	7.3228	.01227	73.179	8.5870
#1	.00201	.00029	132.22	.00158	-.00016	5.9503	.00094	.06320
#2	.00185	-.00007	132.76	.00081	-.00018	5.9493	.00030	.07137
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 14.004	1.3009	-.00608	-.00135	.00013	.0614	.20669	1.9872
Stddev	.035	.0018	.00095	.00078	.00115	.0018	.00045	.0515
%RSD	.24752	.14045	15.613	57.484	861.65	2.968	.21801	2.5915
#1	13.979	1.2996	-.00541	-.00190	-.00068	.0601	.20701	2.0236
#2	14.028	1.3022	-.00676	-.00080	.00095	.0626	.20637	1.9508

Sample Name: J5601-07 Acquired: 10/22/2018 21:55:32 Type: Unk
 Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.58548
Stddev	.22978
%RSD	39.246

#1	.74795
#2	.42300

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2863.6	43460.	4911.8	126.67	3355.3
Stddev	7.8	7.	26.8	.21	16.2
%RSD	.27412	.01557	.54613	.16726	.48306

#1	2869.1	43455.	4930.8	126.82	3366.7
#2	2858.0	43465.	4892.9	126.53	3343.8

Sample Name: J5601-08 Acquired: 10/22/2018 21:59:35 Type: Unk
Method: P4-ICP2(v2516) 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	.00042	.00141	.00011	.00543	-.00213	.00510	.01172	.00020
Stddev	.00032	.00229	.00068	.00166	.00001	.02024	.00043	.00002
%RSD	77.381	162.59	610.37	30.668	.44141	396.61	3.6738	9.9558
#1	.00064	-.00021	.00060	.00425	-.00214	-.00921	.01202	.00018
#2	.00019	.00303	-.00037	.00661	-.00213	.01941	.01141	.00021
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	32.587	-.00010	.00026	.00138	.01663	.00147	31.794
Stddev	.00007	.023	.00040	.00014	.00038	.00286	.00000	.162
%RSD	433.64	.07031	384.52	53.063	27.419	17.194	.17461	.50904
#1	.00003	32.603	-.00039	.00016	.00111	.01461	.00146	31.908
#2	-.00007	32.571	.00018	.00036	.00165	.01865	.00147	31.679
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00128	-.00016	253.08	.00081	.00017	10.719	.00048	.12585
Stddev	.00000	.00039	.44	.00002	.00010	.036	.00001	.00529
%RSD	.27444	250.12	.17215	2.1523	59.880	.33507	3.0420	4.2002
#1	.00129	.00012	253.38	.00080	.00010	10.745	.00049	.12959
#2	.00128	-.00043	252.77	.00083	.00024	10.694	.00047	.12211
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 25.342	1.4246	-.01052	-.00201	.00142	.0568	.29589	1.9783
Stddev	.037	.0261	.00109	.00125	.00102	.0018	.00104	.0921
%RSD	.14734	1.8310	10.327	62.142	72.108	3.083	.35046	4.6571
#1	25.315	1.4430	-.00975	-.00113	.00069	.0581	.29516	1.9132
#2	25.368	1.4061	-.01129	-.00289	.00214	.0556	.29662	2.0435

Sample Name: J5601-08 Acquired: 10/22/2018 21:59:35 Type: Unk
 Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.3201
Stddev	.1805
%RSD	13.671

#1	1.1925
#2	1.4478

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2847.2	43209.	4901.3	125.92	3263.9
Stddev	5.4	77.	27.8	1.09	2.5
%RSD	.18809	.17842	.56667	.86762	.07701

#1	2843.4	43154.	4881.7	126.69	3265.7
#2	2851.0	43263.	4921.0	125.15	3262.2

Sample Name: J5538-01DL2X100 Acquired: 10/22/2018 22:03:43 Type: Unk
Method: P4-ICP2(v2516) 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	-.00294	.00053	.02132	-.00330	-.01464	.03499	.00375	.00008
Stddev	.00042	.00107	.00077	.00070	.00334	.01395	.00006	.00005
%RSD	14.156	202.82	3.6280	21.305	22.793	39.860	1.4820	60.294

#1	-.00323	-.00023	.02187	-.00379	-.01700	.04485	.00371	.00004
#2	-.00264	.00129	.02077	-.00280	-.01228	.02513	.00379	.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00176	.18603	.48388	.01307	14.975	8.1425	.05547	.27142
Stddev	.00000	.00555	.00197	.00010	.009	.2375	.00039	.05527
%RSD	.28063	2.9846	.40805	.75966	.06043	2.9168	.70009	20.363

#1	-.00175	.18996	.48248	.01300	14.969	7.9745	.05520	.23233
#2	-.00176	.18211	.48527	.01314	14.981	8.3104	.05575	.31050

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.185	-.00010	1.3213	.00224	.26729	.70257	.00159	.03678
Stddev	.022	.00031	.0160	.00022	.00895	.00212	.00011	.00360
%RSD	.18243	314.86	1.2139	9.8970	3.3489	.30202	6.8952	9.7742

#1	12.201	.00012	1.3099	.00208	.26096	.70407	.00167	.03932
#2	12.170	-.00032	1.3326	.00240	.27362	.70107	.00152	.03424

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.87638	.75174	-.00032	.03029	.00754	.9926	.00366	2.0076
Stddev	.01589	.00904	.00025	.00236	.00128	.0012	.00007	.0590
%RSD	1.8126	1.2028	79.464	7.7766	16.928	.1195	1.8362	2.9382

#1	.88761	.74534	-.00014	.03195	.00664	.9917	.00361	2.0494
#2	.86515	.75813	-.00050	.02862	.00844	.9934	.00370	1.9659

Sample Name: J5538-01DL2X100 Acquired: 10/22/2018 22:03:43 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .86807
Stddev .15810
%RSD 18.213

#1 .97986
#2 .75628

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2795.3	43475.	4661.2	117.98	3442.4
Stddev	6.9	46.	61.6	2.55	14.3
%RSD	.24767	.10691	1.3217	2.1576	.41600

#1	2790.4	43442.	4704.7	119.78	3432.3
#2	2800.2	43508.	4617.6	116.18	3452.6

Sample Name: J5538-16DLX100 Acquired: 10/22/2018 22:07:43 Type: Unk
Method: P4-ICP2(v2516) 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	-.00249	.00094	-.00083	.00104	-.00764	-.01455	-.00344
Stddev	.00407	.00036	.00028	.00059	.00059	.00015	.00137
%RSD	162.99	38.361	34.096	57.375	7.6950	1.0575	39.739

#1	.00038	.00120	-.00063	.00062	-.00723	-.01465	-.00247
#2	-.00537	.00069	-.00103	.00146	-.00806	-.01444	-.00440

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00007	.01834	1.8686	.00041	.01346	.10128
Stddev	.00001	.00006	.00615	.0120	.00003	.00023	.00073
%RSD	14.986	83.062	33.511	.64079	7.6478	1.6819	.71637

#1	.00003	.00003	.01400	1.8601	.00039	.01330	.10180
#2	.00004	.00011	.02269	1.8771	.00043	.01362	.10077

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00447	-.01758	.14294	-.00012	6.7545	.00243	.01098
Stddev	.00003	.01506	.00064	.00032	.5996	.00015	.00088
%RSD	.76658	85.699	.45072	261.61	8.8770	6.1339	8.0363

#1	.00449	-.00693	.14248	.00010	7.1784	.00233	.01160
#2	.00444	-.02823	.14339	-.00035	6.3305	.00254	.01036

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.5156	.00153	.72334	2.9485	.01574	-.00276	.00089
Stddev	.2248	.00002	.05747	.0101	.00073	.00071	.00313
%RSD	6.3943	1.3866	7.9451	.34185	4.6095	25.806	349.85

#1	3.6746	.00154	.76398	2.9413	.01625	-.00326	.00310
#2	3.3567	.00151	.68271	2.9556	.01523	-.00225	-.00132

Sample Name: J5538-16DLX100 Acquired: 10/22/2018 22:07:43 Type: Unk
 Method: P4-ICP2(v2516) 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	.00128	.0128	.00024	1.8224	F<.00000
Stddev	.00035	.0003	.00003	.0137	.34036
%RSD	27.271	2.595	12.602	.75107	20.532

#1	.00152	.0130	.00026	1.8321	-1.8984
#2	.00103	.0125	.00022	1.8127	-1.4170

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2868.5	44662.	4919.0	127.79	3544.3
Stddev	19.0	284.	418.8	8.43	22.0
%RSD	.66334	.63493	8.5142	6.5965	.62112

#1	2881.9	44863.	4622.8	121.83	3559.8
#2	2855.0	44462.	5215.1	133.75	3528.7

Sample Name: CCV11 Acquired: 10/22/2018 22:11:47 Type: Unk
Method: P4-ICP2(v2516) 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	5.0950	4.8850	4.6938	5.0659	5.1731	10.427	9.6468	.23753
Stddev	.0227	.0055	.0014	.0137	.0148	.124	.0112	.00032
%RSD	.44466	.11189	.02921	.27013	.28688	1.1930	.11630	.13553
#1	5.1110	4.8889	4.6928	5.0756	5.1836	10.515	9.6547	.23730
#2	5.0790	4.8812	4.6948	5.0562	5.1626	10.339	9.6389	.23776
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2708	23.993	.95684	2.3286	1.2354	4.8092	2.3815	24.444
Stddev	.0034	.006	.00405	.0024	.0039	.0082	.0004	.006
%RSD	.14992	.02500	.42373	.10411	.31233	.17051	.01824	.02355
#1	2.2732	23.989	.95970	2.3269	1.2381	4.8034	2.3818	24.448
#2	2.2684	23.998	.95397	2.3303	1.2327	4.8150	2.3812	24.440
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4068	1.1985	25.652	2.6414	F 2.1898	24.010	4.7535	4.6043
Stddev	.0005	.0023	.015	.0039	.0165	.103	.0197	.0127
%RSD	.02199	.19085	.06005	.14810	.75344	.42895	.41446	.27512
#1	2.4072	1.1969	25.641	2.6386	2.1781	24.083	4.7674	4.6132
#2	2.4064	1.2002	25.663	2.6441	2.2015	23.937	4.7395	4.5953
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7327	F 4.4581	4.5609	4.6876	4.8096	4.784	4.9314	F 2.6123
Stddev	.0059	.0117	.0003	.0103	.0113	.009	.0239	.1762
%RSD	.12491	.26248	.00565	.22068	.23397	.1942	.48570	6.7453
#1	4.7285	4.4498	4.5611	4.6803	4.8176	4.790	4.9483	2.7369
#2	4.7369	4.4664	4.5607	4.6949	4.8017	4.777	4.9144	2.4877

Sample Name: CCV11 Acquired: 10/22/2018 22:11:47 Type: Unk
 Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 1.6663
 Stddev .1917
 %RSD 11.506

#1 1.8019
 #2 1.5308

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2751.8	42235.	4759.0	117.96	3190.9
Stddev	17.5	171.	10.8	.52	10.7
%RSD	.63664	.40545	.22716	.44158	.33448

#1	2739.4	42114.	4751.4	118.33	3183.4
#2	2764.2	42356.	4766.6	117.60	3198.5

Sample Name: CCB11 Acquired: 10/22/2018 22:15:32 Type: Unk
Method: P4-ICP2(v2516) 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	-.00123	.00133	-.00086	.00211	-.00002	-.00375	-.00257
Stddev	.00350	.00105	.00074	.00043	.00030	.01745	.00050
%RSD	285.40	78.489	86.664	20.207	1924.0	465.64	19.434

#1	.00125	.00059	-.00033	.00181	.00020	.00859	-.00292
#2	-.00370	.00207	-.00138	.00241	-.00023	-.01608	-.00221

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.00011	.00702	-.00005	.00033	-.00039	.01363
Stddev	.00000	.00000	.02888	.00015	.00003	.00001	.01757
%RSD	2.6122	3.7494	411.44	338.48	9.0519	2.8063	128.95

#1	.00006	.00011	.02744	-.00015	.00031	-.00038	.00120
#2	.00006	.00011	-.01340	.00006	.00036	-.00039	.02606

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.01170	.00203	.00034	.15393	-.00018	-.00044
Stddev	.00002	.00478	.00007	.00039	.00092	.00017	.00010
%RSD	187.45	40.894	3.3912	116.41	.59798	99.856	22.364

#1	.00000	.01508	.00208	.00006	.15328	-.00005	-.00037
#2	-.00003	.00832	.00198	.00061	.15458	-.00030	-.00050

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20455	.00149	.00250	-.00234	.00004	-.00140	-.00063
Stddev	.01270	.00058	.00315	.00574	.00266	.00001	.00075
%RSD	6.2071	38.993	125.73	245.32	6624.4	.61745	119.22

#1	.19557	.00190	.00028	-.00639	.00192	-.00141	-.00116
#2	.21353	.00108	.00473	.00172	-.00184	-.00140	-.00010

Sample Name: CCB11 Acquired: 10/22/2018 22:15:32 Type: Unk
 Method: P4-ICP2(v2516) 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	-.00037	-.0004	.00006	F 1.6778	F<.00000
Stddev	.00058	.0002	.00007	.0157	.43710
%RSD	156.07	57.90	123.88	.93690	63.077

#1	-.00078	-.0002	.00010	1.6889	-.38388
#2	.00004	-.0006	.00001	1.6666	-1.0020

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2882.6	44362.	4815.8	125.63	3565.3
Stddev	2.3	45.	72.4	2.91	2.1
%RSD	.08045	.10235	1.5030	2.3172	.05863

#1	2884.2	44330.	4764.6	123.57	3566.8
#2	2880.9	44394.	4867.0	127.68	3563.8

Sample Name: J5538-17DLX2 Acquired: 10/22/2018 22:19:37 Type: Unk
Method: P4-ICP2(v2516) 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	-.00371	-.00092	.00034	.00310	-.00465	.00282	.00059	.00001
Stddev	.00147	.00024	.00027	.00027	.00230	.01685	.00017	.00014
%RSD	39.685	26.254	80.341	8.6746	49.606	596.73	29.126	1489.3
#1	-.00267	-.00075	.00053	.00329	-.00628	.01474	.00047	-.00009
#2	-.00475	-.00109	.00015	.00291	-.00302	-.00909	.00071	.00011
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	1.4061	1.2779	.00236	2.5060	.00342	.00016	.05252
Stddev	.00007	.0096	.0005	.00015	.0049	.00684	.00005	.02324
%RSD	57.398	.68560	.04253	6.1915	.19564	200.21	29.437	44.258
#1	-.00017	1.3993	1.2775	.00247	2.5095	-.00142	.00013	.03608
#2	-.00007	1.4129	1.2783	.00226	2.5025	.00825	.00020	.06896
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.95665	.00262	239.05	.00208	.00713	37.714	.01787	5.0462
Stddev	.00105	.00007	1.15	.00006	.00037	.310	.00024	.0199
%RSD	.10942	2.8275	.48103	2.7753	5.1637	.82171	1.3266	.39509
#1	.95739	.00268	239.86	.00204	.00687	37.494	.01803	5.0321
#2	.95591	.00257	238.24	.00212	.00739	37.933	.01770	5.0603
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 28.443	.04258	-.01052	-.00043	.00279	.1966	.00414	2.7044
Stddev	.003	.00309	.00142	.00027	.00205	.0005	.00003	.2229
%RSD	.00884	7.2489	13.498	62.947	73.475	.2729	.79554	8.2419
#1	28.445	.04476	-.01152	-.00062	.00134	.1963	.00416	2.8621
#2	28.441	.04040	-.00951	-.00024	.00424	.1970	.00411	2.5468

Sample Name: J5538-17DLX2 Acquired: 10/22/2018 22:19:37 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.34130
Stddev	.19997
%RSD	58.591

#1	.48270
#2	.19990

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2699.2	41050.	4808.1	120.38	3134.1
Stddev	11.6	207.	41.1	3.26	18.0
%RSD	.43151	.50352	.85438	2.7118	.57337

#1	2691.0	40904.	4837.2	122.69	3121.3
#2	2707.5	41196.	4779.1	118.07	3146.8

Sample Name: J5538-23DLX2 Acquired: 10/22/2018 22:23:45 Type: Unk
Method: P4-ICP2(v2516) 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	.01148	.00018	.00414	.00718	-.00085	.01272	.00185	.00001
Stddev	.00261	.00245	.00049	.00260	.00056	.01317	.00004	.00018
%RSD	22.732	1324.5	11.855	36.155	65.278	103.59	2.3740	1794.2
#1	.00964	-.00155	.00379	.00535	-.00046	.02203	.00182	-.00012
#2	.01333	.00192	.00448	.00902	-.00125	.00340	.00188	.00013
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.80832	1.5080	.00106	1.5981	.97546	.00725	.03705
Stddev	.00017	.01398	.0103	.00012	.0006	.01150	.00004	.00825
%RSD	1203.8	1.7291	.68190	11.020	.03575	1.1789	.48320	22.255
#1	.00014	.79844	1.5007	.00114	1.5977	.98360	.00727	.03122
#2	-.00011	.81820	1.5153	.00098	1.5985	.96733	.00722	.04289
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06201	.01103	792.67	.01908	.01037	226.96	.00386	F 23.280
Stddev	.00028	.00017	5.25	.00021	.00008	1.79	.00003	.197
%RSD	.45085	1.5448	.66229	1.0918	.79827	.78764	.86244	.84814
#1	.06181	.01091	788.95	.01893	.01042	225.69	.00384	23.140
#2	.06221	.01115	796.38	.01923	.01031	228.22	.00389	23.419
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 73.810	F 14.302	-.02686	.00071	.01393	F 10.61	.01047	3.5819
Stddev	.048	.152	.00013	.00087	.00174	.00	.00013	.1063
%RSD	.06497	1.0603	.47662	122.69	12.464	.0173	1.2015	2.9673
#1	73.844	14.195	-.02695	.00009	.01270	10.61	.01038	3.5068
#2	73.776	14.409	-.02677	.00132	.01516	10.61	.01055	3.6571

Sample Name: J5538-23DLX2 Acquired: 10/22/2018 22:23:45 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	2.6164
Stddev	.0935
%RSD	3.5750

#1	2.5502
#2	2.6825

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2586.3	38430.	4801.0	120.98	2838.3
Stddev	10.4	15.	35.1	.28	2.7
%RSD	.40074	.04000	.73030	.22829	.09654

#1	2579.0	38441.	4825.8	121.18	2836.3
#2	2593.7	38420.	4776.3	120.79	2840.2

Sample Name: J5593-03 Acquired: 10/22/2018 22:27:52 Type: Unk
Method: P4-ICP2(v2516) 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	-.00017	.00069	.00241	.00349	-.00310	-.01085	.02143	.00012
Stddev	.00164	.00136	.00065	.00282	.00065	.00412	.00042	.00007
%RSD	991.32	197.18	26.820	80.907	20.902	37.946	1.9793	54.621

#1	-.00133	-.00027	.00196	.00149	-.00356	-.00794	.02173	.00017
#2	.00099	.00165	.00287	.00548	-.00264	-.01377	.02113	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	74.454	-.00066	-.00027	.00039	.00815	.00894	160.87
Stddev	.00003	.767	.00010	.00005	.00022	.00846	.00081	1.09
%RSD	21.647	1.0301	14.896	19.662	55.384	103.77	9.0077	.67772

#1	-.00014	73.911	-.00073	-.00031	.00055	.00217	.00837	160.10
#2	-.00010	74.996	-.00059	-.00024	.00024	.01414	.00951	161.64

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00189	.00001	1273.2	.00114	.00032	54.123	.00160	.57234
Stddev	.00017	.00054	13.6	.00017	.00012	.454	.00003	.01598
%RSD	9.0749	6123.4	1.0704	15.132	36.100	.83845	2.1691	2.7918

#1	-.00177	.00039	1263.5	.00126	.00040	53.803	.00158	.56104
#2	-.00201	-.00037	1282.8	.00102	.00024	54.444	.00163	.58364

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 137.22	1.2172	-.05062	-.00426	.02344	.0993	1.0934	3.0347
Stddev	.71	.0350	.00066	.00002	.00112	.0021	.0113	.9166
%RSD	.51811	2.8746	1.3011	.48687	4.7889	2.110	1.0288	30.203

#1	137.72	1.1924	-.05109	-.00425	.02424	.0978	1.0855	2.3865
#2	136.72	1.2419	-.05016	-.00428	.02265	.1007	1.1014	3.6828

Sample Name: J5593-03 Acquired: 10/22/2018 22:27:52 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 4.8621
Stddev .5244
%RSD 10.786

#1 4.4913
#2 5.2330

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2656.7	39699.	4760.5	117.93	2822.2
Stddev	11.2	3113.	36.2	.49	13.8
%RSD	.42216	7.8414	.76071	.41938	.48897

#1	2648.8	41900.	4786.1	117.58	2812.5
#2	2664.6	37497.	4734.9	118.28	2832.0

Sample Name: J5593-04 Acquired: 10/22/2018 22:32:01 Type: Unk
Method: P4-ICP2(v2516) 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	.00018	.00235	.00083	.00201	-.00245	.00489	.01235	.00010
Stddev	.00012	.00039	.00130	.00244	.00041	.00079	.00068	.00003
%RSD	66.886	16.620	156.25	121.61	16.806	16.063	5.4807	25.630
#1	.00027	.00262	-.00009	.00373	-.00216	.00434	.01283	.00008
#2	.00009	.00207	.00175	.00028	-.00274	.00545	.01188	.00012
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	34.799	-.00013	.00025	.00177	.01171	.00282	36.897
Stddev	.00007	.344	.00006	.00020	.00008	.00032	.00002	.428
%RSD	54.954	.98749	45.995	79.490	4.7146	2.7694	.54673	1.1595
#1	-.00008	35.042	-.00009	.00039	.00183	.01194	.00281	37.199
#2	-.00018	34.556	-.00017	.00011	.00171	.01148	.00283	36.594
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00139	.00015	299.73	.00122	-.00020	12.401	.00082	.14870
Stddev	.00120	.00081	4.34	.00012	.00009	.158	.00005	.00215
%RSD	86.484	535.77	1.4464	10.030	46.121	1.2744	6.5635	1.4426
#1	.00224	-.00042	302.80	.00131	-.00026	12.513	.00078	.14718
#2	.00054	.00072	296.67	.00113	-.00013	12.289	.00086	.15022
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 29.779	1.3269	-.01102	-.00251	.00245	.0624	.32389	1.9619
Stddev	.832	.0009	.00043	.00052	.00041	.0031	.00379	.0258
%RSD	2.7941	.06718	3.9261	20.679	16.814	4.951	1.1704	1.3163
#1	29.191	1.3275	-.01133	-.00287	.00274	.0602	.32657	1.9802
#2	30.367	1.3263	-.01071	-.00214	.00216	.0646	.32121	1.9437

Sample Name: J5593-04 Acquired: 10/22/2018 22:32:01 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.3711
Stddev .2443
%RSD 10.303

#1 2.1983
#2 2.5438

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2835.5	43003.	4830.3	124.76	3211.4
Stddev	69.0	27.	35.8	1.16	76.3
%RSD	2.4322	.06315	.74107	.93304	2.3770

#1	2884.3	43022.	4805.0	123.94	3265.4
#2	2786.8	42984.	4855.6	125.58	3157.5

Sample Name: J5593-05 Acquired: 10/22/2018 22:36:10 Type: Unk
Method: P4-ICP2(v2516) 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	-.00063	.00248	-.00011	.00451	-.00190	.00032	.01216	.00007
Stddev	.00523	.00067	.00014	.00219	.00057	.00430	.00027	.00002
%RSD	827.32	26.868	132.97	48.557	30.054	1332.0	2.2234	21.692
#1	.00306	.00201	-.00021	.00296	-.00230	-.00272	.01235	.00006
#2	-.00433	.00295	-.00001	.00606	-.00149	.00336	.01197	.00008
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	30.526	.00002	.00019	.00101	.00547	.00136	24.288
Stddev	.00005	.142	.00049	.00016	.00008	.00690	.00010	.258
%RSD	177.29	.46459	2447.7	86.672	7.5784	126.17	7.4557	1.0604
#1	-.00007	30.626	.00037	.00007	.00106	.01035	.00129	24.470
#2	.00001	30.426	-.00033	.00030	.00096	.00059	.00143	24.106
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00120	-.00038	187.98	.00053	-.00028	8.1466	.00079	.09650
Stddev	.00016	.00020	1.99	.00012	.00006	.0252	.00022	.00361
%RSD	13.047	52.319	1.0597	22.562	22.318	.30964	27.392	3.7414
#1	.00109	-.00024	189.39	.00045	-.00024	8.1644	.00094	.09395
#2	.00131	-.00051	186.58	.00062	-.00033	8.1288	.00064	.09906
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 19.164	1.3252	-.00804	-.00076	.00056	.0567	.24615	1.7887
Stddev	.090	.0015	.00045	.00126	.00036	.0011	.00071	.4939
%RSD	.46925	.11432	5.5709	165.09	64.572	1.962	.28840	27.610
#1	19.101	1.3241	-.00836	.00013	.00081	.0559	.24665	1.4395
#2	19.228	1.3263	-.00772	-.00165	.00030	.0575	.24565	2.1379

Sample Name: J5593-05 Acquired: 10/22/2018 22:36:10 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.6154
Stddev	.9868
%RSD	61.087

#1	.91764
#2	2.3132

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2911.5	43562.	4911.1	124.82	3349.4
Stddev	9.5	1493.	42.5	.18	13.6
%RSD	.32719	3.4282	.86495	.14138	.40472

#1	2918.3	44618.	4881.1	124.94	3359.0
#2	2904.8	42506.	4941.1	124.69	3339.8

Sample Name: J5593-06 Acquired: 10/22/2018 22:40:13 Type: Unk
Method: P4-ICP2(v2516) 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	-.00073	.00032	.00259	.00231	-.00177	.00494	.01843	.00015
Stddev	.00001	.00139	.00027	.00007	.00011	.00680	.00006	.00001
%RSD	1.4052	436.16	10.616	3.2362	5.9554	137.77	.30469	8.1206
#1	-.00072	.00130	.00239	.00226	-.00185	.00013	.01847	.00016
#2	-.00074	-.00066	.00278	.00236	-.00170	.00975	.01839	.00014
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	69.870	-.00002	-.00026	.00099	.00065	.00795	147.39
Stddev	.00001	1.221	.00020	.00005	.00006	.00315	.00006	3.70
%RSD	12.343	1.7478	1059.2	18.225	5.5971	481.84	.74436	2.5081
#1	-.00007	70.734	.00012	-.00023	.00103	.00288	.00791	150.01
#2	-.00006	69.007	-.00016	-.00029	.00095	-.00157	.00799	144.78
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00135	.00024	1174.5	.00079	.00069	49.916	.00169	.53463
Stddev	.00004	.00020	30.3	.00048	.00006	1.047	.00020	.01348
%RSD	2.7130	85.896	2.5802	60.601	8.9625	2.0972	11.627	2.5213
#1	-.00138	.00038	1196.0	.00113	.00073	50.656	.00183	.54416
#2	-.00132	.00009	1153.1	.00045	.00065	49.175	.00155	.52510
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 122.90	1.2381	-.04480	-.00500	.02074	.0952	1.0242	3.2473
Stddev	.75	.0194	.00034	.00018	.00183	.0036	.0248	.1476
%RSD	.61122	1.5672	.75370	3.6367	8.8283	3.798	2.4162	4.5447
#1	123.43	1.2518	-.04504	-.00513	.02203	.0978	1.0417	3.1430
#2	122.37	1.2244	-.04456	-.00487	.01944	.0927	1.0067	3.3517

Sample Name: J5593-06 Acquired: 10/22/2018 22:40:13 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 4.9291
Stddev .3456
%RSD 7.0106

#1 4.6848
#2 5.1735

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2660.6	39256.	4706.3	117.78	2850.3
Stddev	8.5	253.	93.0	3.59	15.0
%RSD	.31918	.64477	1.9764	3.0472	.52791

#1	2654.6	39435.	4640.6	115.24	2839.6
#2	2666.6	39077.	4772.1	120.32	2860.9

Sample Name: J5593-07 Acquired: 10/22/2018 22:44:21 Type: Unk
Method: P4-ICP2(v2516) 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	-.00011	.00143	.00034	.00579	-.00235	.00660	.01193	.00011
Stddev	.00495	.00134	.00038	.00089	.00101	.00073	.00008	.00003
%RSD	4643.7	93.406	111.42	15.339	43.011	11.080	.63152	28.888
#1	-.00360	.00049	.00060	.00642	-.00306	.00712	.01198	.00013
#2	.00339	.00238	.00007	.00516	-.00163	.00608	.01188	.00009
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	33.412	.00001	.00022	.00134	.01330	.00346	33.997
Stddev	.00002	.157	.00045	.00017	.00062	.00471	.00005	.117
%RSD	212.50	.47103	8762.7	77.210	46.307	35.426	1.4167	.34303
#1	.00001	33.523	-.00031	.00010	.00090	.01664	.00343	34.080
#2	-.00003	33.301	.00032	.00034	.00178	.00997	.00350	33.915
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00095	-.00024	269.21	.00096	-.00015	11.491	.00060	.13632
Stddev	.00031	.00007	.58	.00045	.00002	.030	.00022	.00619
%RSD	32.409	29.222	.21412	46.760	11.691	.26019	37.109	4.5396
#1	.00073	-.00019	269.62	.00128	-.00014	11.512	.00044	.13195
#2	.00117	-.00029	268.81	.00064	-.00016	11.470	.00076	.14070
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 27.371	1.3053	-.01020	-.00257	.00305	.0614	.30611	2.0125
Stddev	.072	.0022	.00011	.00028	.00098	.0002	.00004	.0744
%RSD	.26215	.16872	1.0326	10.908	32.216	.3823	.01424	3.6983
#1	27.320	1.3037	-.01013	-.00237	.00374	.0612	.30614	2.0651
#2	27.422	1.3068	-.01028	-.00277	.00235	.0616	.30608	1.9599

Sample Name: J5593-07 Acquired: 10/22/2018 22:44:21 Type: Unk
 Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.3062
Stddev	.1401
%RSD	10.726

#1	1.4052
#2	1.2071

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2872.2	43395.	4995.3	129.44	3267.3
Stddev	5.3	58.	18.9	.82	2.3
%RSD	.18392	.13455	.37809	.63573	.06990

#1	2875.9	43436.	5008.6	128.86	3268.9
#2	2868.5	43353.	4981.9	130.03	3265.6

Sample Name: J5593-08 Acquired: 10/22/2018 22:48:29 Type: Unk
Method: P4-ICP2(v2516) 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	-.00010	.00102	.00007	.00179	-.00346	.00630	.01094	.00010
Stddev	.00092	.00172	.00095	.00013	.00120	.00695	.00015	.00004
%RSD	923.08	168.14	1449.0	7.5550	34.631	110.28	1.3607	36.020

#1	-.00075	.00224	-.00061	.00169	-.00262	.01122	.01083	.00007
#2	.00055	-.00019	.00074	.00188	-.00431	.00139	.01104	.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	30.080	-.00012	.00008	.00134	.01486	.00179	22.835
Stddev	.00008	.082	.00015	.00008	.00057	.00021	.00000	.018
%RSD	187.69	.27269	128.73	101.81	42.071	1.3835	.13826	.07746

#1	-.00010	30.022	-.00022	.00002	.00174	.01472	.00179	22.822
#2	.00001	30.138	-.00001	.00013	.00094	.01501	.00179	22.847

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00144	.00002	175.48	.00105	-.00027	7.7085	.00050	.09079
Stddev	.00032	.00037	.92	.00102	.00004	.0378	.00016	.00870
%RSD	22.155	1890.8	.52664	97.275	14.670	.49012	32.313	9.5804

#1	.00166	-.00024	174.82	.00177	-.00030	7.7353	.00038	.08464
#2	.00121	.00028	176.13	.00033	-.00025	7.6818	.00061	.09694

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 18.176	1.3374	-.00792	-.00078	.00081	.0575	.23888	2.0101
Stddev	.028	.0012	.00111	.00041	.00032	.0008	.00018	.0393
%RSD	.15295	.09004	14.029	52.651	39.453	1.440	.07660	1.9567

#1	18.157	1.3366	-.00714	-.00049	.00058	.0581	.23875	1.9823
#2	18.196	1.3383	-.00871	-.00107	.00103	.0569	.23901	2.0379

Sample Name: J5593-08 Acquired: 10/22/2018 22:48:29 Type: Unk
 Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.0492
Stddev	.7448
%RSD	70.982

#1	.52260
#2	1.5759

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2852.5	43194.	4929.8	126.11	3304.5
Stddev	9.8	139.	6.4	2.07	8.4
%RSD	.34203	.32194	.12907	1.6386	.25496

#1	2845.6	43293.	4934.3	127.57	3298.6
#2	2859.4	43096.	4925.3	124.65	3310.5

Sample Name: J5593-09 Acquired: 10/22/2018 22:52:33 Type: Unk
Method: P4-ICP2(v2516) 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	-.00284	.00040	.00284	.00578	-.00198	-.01995	.01888	.00014
Stddev	.00513	.00066	.00039	.00139	.00020	.00111	.00057	.00010
%RSD	180.78	164.48	13.863	24.070	9.8610	5.5841	3.0238	68.900
#1	-.00647	-.00007	.00312	.00479	-.00185	-.01916	.01848	.00021
#2	.00079	.00087	.00257	.00676	-.00212	-.02074	.01929	.00007
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00022	80.870	-.00064	-.00009	.00089	-.00264	.00465	183.44
Stddev	.00004	1.143	.00048	.00054	.00036	.00832	.00003	4.79
%RSD	18.863	1.4137	74.881	604.41	40.175	314.54	.62820	2.6090
#1	-.00019	80.062	-.00098	-.00047	.00064	.00324	.00467	180.06
#2	-.00025	81.678	-.00030	.00029	.00114	-.00853	.00463	186.83
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00144	-.00055	1453.2	.00156	.00042	62.641	.00195	.64904
Stddev	.00032	.00010	49.5	.00013	.00004	1.357	.00007	.01505
%RSD	22.157	17.671	3.4095	8.0811	9.3369	2.1668	3.4812	2.3193
#1	-.00121	-.00062	1418.2	.00147	.00039	61.681	.00190	.63840
#2	-.00166	-.00048	1488.2	.00165	.00045	63.601	.00200	.65969
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 154.86	1.2218	-.05681	-.00166	.02777	.1045	1.2513	3.5425
Stddev	.53	.0185	.00041	.00101	.00053	.0012	.0237	.1810
%RSD	.34459	1.5126	.72368	60.848	1.8953	1.148	1.8906	5.1106
#1	155.24	1.2087	-.05710	-.00095	.02739	.1054	1.2346	3.6705
#2	154.49	1.2349	-.05652	-.00238	.02814	.1037	1.2681	3.4144

Sample Name: J5593-09 Acquired: 10/22/2018 22:52:33 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 4.9742
Stddev .0413
%RSD .83081

#1 5.0034
#2 4.9450

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2599.9	38331.	4610.0	115.33	2752.0
Stddev	13.3	53.	91.9	2.60	10.2
%RSD	.51145	.13810	1.9940	2.2582	.37050

#1	2590.5	38294.	4675.0	117.17	2744.8
#2	2609.3	38369.	4545.0	113.49	2759.2

Sample Name: J5593-10 Acquired: 10/22/2018 22:56:41 Type: Unk
Method: P4-ICP2(v2516) 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	-.00018	-.00006	.00049	.00532	.00028	.00064	.01099	.00014
Stddev	.00171	.00003	.00191	.00235	.00206	.00814	.00008	.00001
%RSD	931.61	40.967	387.00	44.097	725.83	1278.5	.76697	9.3414
#1	-.00139	-.00008	-.00086	.00366	.00174	.00639	.01105	.00013
#2	.00103	-.00005	.00184	.00698	-.00117	-.00512	.01093	.00015
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	33.958	-.00032	.00001	.00136	.00709	.00131	36.803
Stddev	.00008	.260	.00007	.00003	.00047	.00924	.00000	.049
%RSD	285.71	.76564	21.055	207.91	34.379	130.31	.22196	.13188
#1	-.00008	33.774	-.00027	-.00001	.00170	.01362	.00131	36.769
#2	.00003	34.142	-.00036	.00004	.00103	.00056	.00130	36.838
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00105	.00012	298.93	.00096	-.00019	12.552	.00068	.13768
Stddev	.00005	.00038	3.21	.00032	.00008	.001	.00008	.00002
%RSD	4.4391	304.52	1.0730	33.587	42.928	.00423	11.140	.01673
#1	.00102	-.00014	301.20	.00074	-.00025	12.551	.00062	.13767
#2	.00108	.00039	296.67	.00119	-.00013	12.552	.00073	.13770
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 30.004	1.2752	-.01211	-.00178	.00307	.0647	.32444	2.0535
Stddev	.190	.0027	.00045	.00102	.00059	.0007	.00127	.0022
%RSD	.63287	.21183	3.7048	56.935	19.286	1.126	.39082	.10599
#1	29.870	1.2732	-.01243	-.00250	.00349	.0642	.32355	2.0550
#2	30.138	1.2771	-.01180	-.00107	.00265	.0652	.32534	2.0519

Sample Name: J5593-10 Acquired: 10/22/2018 22:56:41 Type: Unk
 Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.5014
Stddev	.3661
%RSD	24.382

#1	1.2425
#2	1.7602

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2868.8	42941.	4981.8	126.52	3254.0
Stddev	14.0	95.	14.1	2.42	15.1
%RSD	.48829	.22086	.28299	1.9167	.46389

#1	2878.7	43008.	4991.8	124.81	3264.7
#2	2858.9	42874.	4971.8	128.24	3243.3

Sample Name: CCV12 Acquired: 10/22/2018 23:00:49 Type: Unk
Method: P4-ICP2(v2516) 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	5.1565	4.9922	4.7251	5.1664	5.2528	10.633	9.8323	.23971
Stddev	.0022	.0010	.0136	.0008	.0223	.008	.0417	.00002
%RSD	.04288	.01943	.28689	.01623	.42458	.07205	.42431	.00668
#1	5.1549	4.9929	4.7156	5.1658	5.2686	10.638	9.8028	.23972
#2	5.1581	4.9915	4.7347	5.1670	5.2371	10.627	9.8618	.23970
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2938	24.336	.96626	2.3533	1.2578	4.9054	2.3994	24.795
Stddev	.0031	.019	.00515	.0062	.0037	.0295	.0005	.069
%RSD	.13360	.07655	.53253	.26443	.29348	.60155	.02117	.27989
#1	2.2916	24.323	.96989	2.3489	1.2604	4.9263	2.3997	24.746
#2	2.2959	24.349	.96262	2.3577	1.2552	4.8845	2.3990	24.844
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4479	1.2146	27.334	2.6878	F 2.1999	25.310	4.8561	4.6639
Stddev	.0038	.0014	.165	.0027	.0112	.082	.0015	.0369
%RSD	.15480	.11124	.60399	.09842	.50669	.32388	.03143	.79143
#1	2.4452	1.2136	27.217	2.6897	2.1921	25.252	4.8572	4.6378
#2	2.4506	1.2156	27.451	2.6859	2.2078	25.368	4.8550	4.6900
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8880	F 4.4914	4.6222	4.7586	4.9269	4.883	5.0200	F 2.6451
Stddev	.0028	.0392	.0093	.0182	.0200	.000	.0187	.1685
%RSD	.05759	.87336	.20084	.38234	.40519	.0025	.37177	6.3691
#1	4.8900	4.4636	4.6288	4.7457	4.9128	4.883	5.0068	2.7642
#2	4.8861	4.5191	4.6156	4.7714	4.9411	4.884	5.0332	2.5259

Sample Name: CCV12 Acquired: 10/22/2018 23:00:49 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.0004
Stddev .0406
%RSD 4.0552

#1 1.0291
#2 .97174

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2706.4	41778.	4732.4	116.43	3132.4
Stddev	3.1	99.	31.7	.52	.8
%RSD	.11392	.23676	.67019	.44896	.02521

#1	2704.2	41708.	4754.8	116.80	3132.9
#2	2708.5	41847.	4710.0	116.06	3131.8

Sample Name: CCB12 Acquired: 10/22/2018 23:04:35 Type: Unk
Method: P4-ICP2(v2516) 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	-.00440	.00065	-.00131	.00250	.00078	-.00706	-.00419
Stddev	.00461	.00010	.00007	.00678	.00043	.00360	.00102
%RSD	104.61	14.805	5.2727	270.72	55.253	50.908	24.325

#1	-.00766	.00072	-.00136	-.00229	.00109	-.00961	-.00492
#2	-.00115	.00059	-.00127	.00730	.00048	-.00452	-.00347

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00013	.01947	.00003	.00037	-.00002	.01156
Stddev	.00000	.00004	.00577	.00018	.00002	.00052	.01998
%RSD	11.545	31.268	29.641	588.22	4.6364	2576.7	172.94

#1	.00003	.00016	.02356	-.00010	.00039	.00035	.02569
#2	.00004	.00010	.01539	.00016	.00036	-.00039	-.00258

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	.02053	.00235	-.00034	F .91290	-.00017	-.00043
Stddev	.00002	.02128	.00016	.00003	.01362	.00004	.00011
%RSD	47.270	103.63	6.7872	9.7068	1.4922	22.978	24.472

#1	-.00005	.00549	.00246	-.00031	.90327	-.00015	-.00050
#2	-.00002	.03558	.00224	-.00036	.92253	-.00020	-.00036

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .54530	.00173	.01498	.00251	-.00020	-.00140	.00019
Stddev	.03576	.00023	.00348	.00322	.00122	.00036	.00080
%RSD	6.5571	13.386	23.203	128.40	623.34	25.466	431.74

#1	.52001	.00190	.01252	.00023	.00067	-.00165	.00075
#2	.57058	.00157	.01744	.00479	-.00106	-.00115	-.00038

Sample Name: CCB12 Acquired: 10/22/2018 23:04:35 Type: Unk
Method: P4-ICP2(v2516) 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	F .00555	.0000	.00000	F 1.5089	F<.00000
Stddev	.00026	.0034	.00008	.0248	.29808
%RSD	4.6345	9741.	3394.6	1.6447	20.876

#1	.00574	.0025	-.00005	1.5264	-1.2171
#2	.00537	-.0024	.00006	1.4914	-1.6387

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2858.3	44346.	4774.8	121.90	3527.6
Stddev	.4	32.	36.6	1.58	4.3
%RSD	.01567	.07195	.76577	1.2955	.12123

#1	2858.6	44324.	4800.7	123.02	3530.6
#2	2857.9	44369.	4748.9	120.78	3524.6

Sample Name: J5593-11 Acquired: 10/22/2018 23:08:40 Type: Unk
Method: P4-ICP2(v2516) 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	-.00168	.00094	.00013	.00428	-.00457	-.00311	.00972	.00014
Stddev	.00033	.00082	.00034	.00139	.00087	.00692	.00087	.00002
%RSD	19.513	87.943	268.32	32.453	18.969	222.89	8.9960	10.610

#1	-.00145	.00035	-.00011	.00330	-.00518	-.00800	.00910	.00015
#2	-.00191	.00152	.00037	.00526	-.00396	.00179	.01034	.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	27.119	-.00011	.00048	.00149	.01328	.00086	16.282
Stddev	.00010	.028	.00002	.00002	.00025	.00577	.00008	.056
%RSD	1126.7	.10223	22.425	3.4218	16.482	43.435	9.1765	.34301

#1	.00008	27.138	-.00009	.00049	.00166	.00920	.00091	16.321
#2	-.00006	27.099	-.00012	.00047	.00132	.01736	.00080	16.242

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00206	.00002	119.85	.00093	-.00027	5.5231	.00063	.06360
Stddev	.00014	.00012	.38	.00017	.00002	.0544	.00012	.00232
%RSD	6.8225	565.80	.31430	17.809	6.4506	.98481	18.569	3.6462

#1	.00216	.00011	120.12	.00081	-.00029	5.5615	.00071	.06524
#2	.00196	-.00007	119.58	.00105	-.00026	5.4846	.00055	.06196

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 12.844	1.2960	-.00451	-.00343	-.00049	.0551	.19203	1.1538
Stddev	.045	.0092	.00060	.00139	.00009	.0006	.00025	.0827
%RSD	.35358	.70964	13.356	40.462	17.995	1.160	.12767	7.1711

#1	12.812	1.3025	-.00493	-.00441	-.00043	.0547	.19186	1.0953
#2	12.876	1.2895	-.00408	-.00245	-.00055	.0556	.19221	1.2123

Sample Name: J5593-11 Acquired: 10/22/2018 23:08:40 Type: Unk
 Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .88566
 %RSD 1173.2

#1 .55077
 #2 -.70175

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3030.4	45814.	5127.1	131.00	3533.8
Stddev	10.0	230.	3.0	1.93	4.9
%RSD	.32862	.50280	.05790	1.4751	.13816

#1	3037.5	45977.	5125.0	132.37	3537.3
#2	3023.4	45651.	5129.2	129.63	3530.4

Sample Name: J5593-12 Acquired: 10/22/2018 23:12:42 Type: Unk
Method: P4-ICP2(v2516) 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	-.00176	.00025	.00235	.00100	-.00234	.01125	.01502	.00013
Stddev	.00416	.00074	.00019	.00063	.00076	.00239	.00030	.00015
%RSD	235.91	294.69	8.1350	63.294	32.526	21.235	2.0095	114.84
#1	.00118	.00077	.00249	.00055	-.00180	.00956	.01523	.00003
#2	-.00471	-.00027	.00222	.00145	-.00288	.01294	.01480	.00024
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	50.522	-.00008	.00023	.00142	-.00703	.00404	87.790
Stddev	.00002	.526	.00001	.00012	.00007	.00821	.00002	.371
%RSD	23.278	1.0402	10.674	51.293	5.1997	116.74	.47405	.42272
#1	-.00008	50.150	-.00009	.00015	.00137	-.01284	.00405	88.052
#2	-.00006	50.894	-.00008	.00032	.00147	-.00123	.00402	87.527
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00033	-.00010	716.22	.00143	-.00001	29.606	.00078	.31471
Stddev	.00077	.00002	2.05	.00018	.00004	.215	.00005	.00402
%RSD	231.27	21.905	.28630	12.248	708.22	.72510	6.6284	1.2763
#1	.00021	-.00009	714.77	.00155	.00002	29.454	.00074	.31187
#2	-.00088	-.00012	717.67	.00131	-.00003	29.758	.00082	.31755
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 73.176	1.2356	-.02705	-.00177	.01157	.0802	.64618	2.6267
Stddev	.730	.0043	.00151	.00180	.00157	.0022	.00838	.0990
%RSD	.99815	.34850	5.5927	101.86	13.571	2.742	1.2962	3.7677
#1	72.660	1.2325	-.02812	-.00304	.01046	.0818	.64025	2.6967
#2	73.693	1.2386	-.02598	-.00049	.01268	.0787	.65210	2.5567

Sample Name: J5593-12 Acquired: 10/22/2018 23:12:42 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 3.3637
Stddev .1190
%RSD 3.5380

#1 3.4478
#2 3.2795

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2771.6	41218.	4925.9	124.83	3031.0
Stddev	27.2	45.	24.6	.67	28.9
%RSD	.98198	.10887	.49987	.53292	.95255

#1	2790.9	41250.	4943.3	124.36	3051.4
#2	2752.4	41186.	4908.5	125.30	3010.6

Sample Name: J5593-13 Acquired: 10/22/2018 23:16:50 Type: Unk
Method: P4-ICP2(v2516) 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	-.00090	.00128	.00102	.00430	-.00373	.01382	.01195	.00007
Stddev	.00259	.00021	.00045	.00294	.00059	.01375	.00047	.00005
%RSD	286.31	16.703	44.475	68.274	15.695	99.534	3.8916	70.251
#1	-.00273	.00113	.00070	.00222	-.00415	.00409	.01228	.00010
#2	.00093	.00143	.00134	.00638	-.00332	.02354	.01162	.00003
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	33.919	.00019	.00010	.00155	.00660	.00180	34.259
Stddev	.00006	.099	.00017	.00028	.00021	.00498	.00000	.022
%RSD	72.779	.29173	90.855	286.66	13.382	75.431	.19642	.06311
#1	-.00012	33.989	.00031	.00029	.00140	.01012	.00180	34.244
#2	-.00004	33.849	.00007	-.00010	.00169	.00308	.00180	34.274
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00126	-.00012	273.29	.00096	-.00008	11.577	.00074	.12603
Stddev	.00005	.00079	1.87	.00052	.00001	.019	.00000	.00603
%RSD	3.9162	645.73	.68583	54.151	16.938	.16490	.66686	4.7844
#1	.00129	.00044	274.61	.00133	-.00007	11.564	.00074	.12177
#2	.00122	-.00068	271.96	.00060	-.00009	11.591	.00074	.13030
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 27.872	1.2936	-.01085	-.00069	.00182	.0641	.30968	1.8548
Stddev	.019	.0008	.00179	.00079	.00132	.0008	.00406	.0153
%RSD	.06835	.06200	16.495	115.59	72.407	1.251	1.3094	.82302
#1	27.885	1.2941	-.00959	-.00013	.00089	.0647	.31255	1.8656
#2	27.858	1.2930	-.01212	-.00125	.00275	.0635	.30681	1.8441

Sample Name: J5593-13 Acquired: 10/22/2018 23:16:50 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.9009
Stddev .1179
%RSD 6.2014

#1 1.9843
#2 1.8176

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2864.2	43249.	4984.6	124.60	3247.0
Stddev	.3	54.	42.5	1.38	.1
%RSD	.01133	.12537	.85288	1.1102	.00402

#1	2864.4	43211.	4954.5	123.63	3246.9
#2	2864.0	43288.	5014.6	125.58	3247.1

Sample Name: J5593-14 Acquired: 10/22/2018 23:20:59 Type: Unk
Method: P4-ICP2(v2516) 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	.00088	.00207	-.00049	.00411	-.00170	-.01203	.01164	.00018
Stddev	.00076	.00150	.00076	.00069	.00003	.01644	.00111	.00008
%RSD	85.792	72.084	154.40	16.843	1.8090	136.63	9.5476	42.867
#1	.00142	.00102	-.00103	.00362	-.00172	-.00041	.01086	.00012
#2	.00035	.00313	.00005	.00460	-.00168	-.02366	.01243	.00023
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	31.148	-.00037	.00014	.00116	.01572	.00129	24.936
Stddev	.00010	.084	.00013	.00002	.00027	.00393	.00008	.037
%RSD	755.47	.26857	35.353	11.248	23.446	24.981	6.3305	.14650
#1	.00006	31.089	-.00028	.00013	.00135	.01295	.00123	24.962
#2	-.00008	31.207	-.00046	.00015	.00097	.01850	.00135	24.910
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00175	-.00024	193.49	.00088	-.00022	8.4217	.00075	.09831
Stddev	.00018	.00015	2.27	.00041	.00005	.0667	.00008	.00297
%RSD	10.077	61.260	1.1708	47.250	23.651	.79153	11.216	3.0226
#1	.00163	-.00035	195.10	.00058	-.00026	8.3746	.00069	.10041
#2	.00188	-.00014	191.89	.00117	-.00018	8.4689	.00081	.09621
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 19.990	1.3221	-.00880	-.00096	.00061	.0614	.25314	1.8720
Stddev	.011	.0109	.00039	.00099	.00034	.0010	.00162	.0252
%RSD	.05374	.82218	4.4229	102.96	55.532	1.684	.64033	1.3444
#1	19.998	1.3144	-.00907	-.00026	.00037	.0621	.25429	1.8898
#2	19.983	1.3297	-.00852	-.00166	.00085	.0606	.25200	1.8542

Sample Name: J5593-14 Acquired: 10/22/2018 23:20:59 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .71305
Stddev .69869
%RSD 97.987

#1 .21900
#2 1.2071

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2883.5	43575.	4933.2	125.50	3319.2
Stddev	5.9	21.	22.7	.60	3.1
%RSD	.20405	.04926	.45974	.47736	.09488

#1	2887.7	43560.	4949.2	125.08	3321.4
#2	2879.3	43591.	4917.1	125.92	3317.0

Sample Name: J5593-15 Acquired: 10/22/2018 23:25:08 Type: Unk
Method: P4-ICP2(v2516) 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	-.00017	.00197	-.00023	.00200	-.00237	.00054	.01353	.00016
Stddev	.00005	.00299	.00123	.00187	.00149	.01435	.00017	.00004
%RSD	29.875	151.73	539.78	93.619	62.866	2671.8	1.2557	23.914
#1	-.00014	.00408	.00064	.00068	-.00343	-.00961	.01365	.00019
#2	-.00021	-.00014	-.00110	.00332	-.00132	.01069	.01341	.00013
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	33.639	.00019	.00033	.00145	.01408	.00227	31.517
Stddev	.00002	.130	.00024	.00001	.00006	.00654	.00002	.224
%RSD	70.007	.38703	129.01	4.5016	4.3259	46.417	.94436	.71229
#1	-.00001	33.547	.00002	.00032	.00141	.01870	.00226	31.676
#2	-.00004	33.731	.00036	.00034	.00150	.00946	.00229	31.358
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00091	-.00013	248.67	.00083	-.00013	10.647	.00074	.11785
Stddev	.00007	.00057	1.76	.00058	.00003	.086	.00042	.00691
%RSD	7.5296	422.42	.70701	69.395	21.152	.81000	57.637	5.8658
#1	.00096	-.00054	247.43	.00042	-.00015	10.586	.00044	.12274
#2	.00086	.00027	249.92	.00124	-.00011	10.708	.00104	.11296
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 25.307	1.3127	-.01011	-.00221	.00108	.0642	.29368	1.9638
Stddev	.002	.0134	.00005	.00096	.00059	.0011	.00269	.1690
%RSD	.00975	1.0173	.53520	43.330	54.113	1.758	.91470	8.6071
#1	25.309	1.3033	-.01007	-.00289	.00150	.0650	.29179	2.0833
#2	25.305	1.3222	-.01015	-.00153	.00067	.0634	.29558	1.8443

Sample Name: J5593-15 Acquired: 10/22/2018 23:25:08 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.0636
Stddev	.3593
%RSD	33.779

#1	1.3176
#2	.80952

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2854.1	42944.	4907.0	125.77	3253.6
Stddev	4.8	85.	33.5	2.09	11.1
%RSD	.16709	.19811	.68368	1.6583	.34097

#1	2857.5	42884.	4930.7	127.24	3261.4
#2	2850.7	43004.	4883.2	124.29	3245.8

Sample Name: J5593-16 Acquired: 10/22/2018 23:29:17 Type: Unk
Method: P4-ICP2(v2516) 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	-.00331	.00157	.00005	.00351	-.00235	.00080	.01137	.00015
Stddev	.00143	.00104	.00031	.00095	.00095	.00340	.00069	.00002
%RSD	43.205	66.200	629.14	26.986	40.594	427.27	6.0528	11.301
#1	-.00433	.00230	-.00017	.00418	-.00167	-.00161	.01088	.00014
#2	-.00230	.00083	.00026	.00284	-.00302	.00320	.01186	.00017
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	29.560	-.00028	-.00001	.00164	.01589	.00112	20.573
Stddev	.00009	.091	.00032	.00018	.00012	.00566	.00002	.024
%RSD	232.46	.30771	113.45	1402.8	7.5984	35.587	1.8245	.11765
#1	.00003	29.625	-.00006	-.00014	.00173	.01189	.00113	20.590
#2	-.00010	29.496	-.00051	.00012	.00155	.01989	.00110	20.556
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00180	-.00039	158.04	.00085	-.00020	7.0100	.00043	.07745
Stddev	.00008	.00041	.62	.00002	.00010	.0593	.00042	.00038
%RSD	4.2813	104.54	.39151	2.3906	51.014	.84637	96.899	.48711
#1	.00175	-.00068	158.48	.00086	-.00027	6.9680	.00072	.07771
#2	.00186	-.00010	157.60	.00084	-.00013	7.0520	.00014	.07718
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 16.562	1.3616	-.00698	-.00233	.00018	.0567	.22492	1.7946
Stddev	.026	.0058	.00055	.00099	.00033	.0011	.00037	.0083
%RSD	.15857	.42423	7.8969	42.217	183.88	1.870	.16294	.46395
#1	16.544	1.3656	-.00736	-.00303	-.00005	.0575	.22466	1.7887
#2	16.581	1.3575	-.00659	-.00164	.00041	.0560	.22518	1.8005

Sample Name: J5593-16 Acquired: 10/22/2018 23:29:17 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.4561
Stddev .6068
%RSD 41.676

#1 1.0270
#2 1.8852

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2877.8	43424.	4893.3	124.43	3334.9
Stddev	21.4	98.	11.5	1.44	22.8
%RSD	.74298	.22651	.23431	1.1548	.68516

#1	2892.9	43355.	4885.2	123.41	3351.0
#2	2862.7	43494.	4901.4	125.44	3318.7

Sample Name: J5593-17 Acquired: 10/22/2018 23:33:20 Type: Unk
Method: P4-ICP2(v2516) 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	-.00324	.00135	-.00092	.00400	-.00079	.00260	.01013	.00014
Stddev	.00010	.00092	.00017	.00131	.00074	.00204	.00091	.00006
%RSD	3.1739	68.129	18.741	32.858	94.331	78.606	8.9454	41.666

#1	-.00317	.00070	-.00080	.00493	-.00131	.00115	.01077	.00019
#2	-.00331	.00200	-.00105	.00307	-.00026	.00404	.00949	.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	26.634	-.00015	.00021	.00187	.01641	.00082	11.339
Stddev	.00013	.048	.00038	.00034	.00015	.01015	.00008	.019
%RSD	754.69	.18068	255.05	159.34	8.0503	61.839	9.1767	.16674

#1	-.00008	26.600	.00012	.00045	.00197	.00923	.00077	11.326
#2	.00011	26.668	-.00042	-.00003	.00176	.02359	.00088	11.353

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00212	-.00014	76.898	.00060	-.00026	3.9115	.00047	.04863
Stddev	.00032	.00059	.020	.00043	.00001	.0146	.00001	.00376
%RSD	15.117	418.98	.02542	71.043	2.0746	.37242	1.2941	7.7420

#1	.00235	.00028	76.884	.00090	-.00027	3.9012	.00048	.05129
#2	.00190	-.00056	76.912	.00030	-.00026	3.9218	.00047	.04596

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.1687	1.3577	-.00381	-.00171	-.00178	.0540	.16644	1.6659
Stddev	.0242	.0000	.00039	.00063	.00101	.0024	.00047	.1591
%RSD	.26376	.00153	10.323	36.864	56.481	4.469	.28125	9.5489

#1	9.1858	1.3577	-.00409	-.00216	-.00107	.0558	.16611	1.5534
#2	9.1516	1.3578	-.00354	-.00127	-.00250	.0523	.16677	1.7783

Sample Name: J5593-17 Acquired: 10/22/2018 23:33:20 Type: Unk
 Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .05887
 %RSD 16.987

#1 -.38820
 #2 -.30495

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2911.4	44277.	4951.5	127.20	3443.2
Stddev	2.4	218.	.7	.28	3.9
%RSD	.08248	.49145	.01389	.21964	.11227

#1	2913.1	44431.	4952.0	127.00	3440.4
#2	2909.7	44123.	4951.0	127.40	3445.9

Sample Name: CCV13 Acquired: 10/22/2018 23:37:23 Type: Unk
Method: P4-ICP2(v2516) 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	5.0113	4.8706	4.5808	5.0284	5.0893	10.374	9.5578	.23228
Stddev	.0095	.0065	.0055	.0132	.0095	.016	.0041	.00023
%RSD	.19020	.13389	.12003	.26251	.18614	.15790	.04323	.09889
#1	5.0181	4.8752	4.5847	5.0377	5.0960	10.363	9.5607	.23212
#2	5.0046	4.8660	4.5770	5.0191	5.0826	10.386	9.5549	.23245
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 2.2276	23.843	.93255	2.2781	1.2203	4.7322	2.3280	24.033
Stddev	.0031	.079	.00280	.0003	.0003	.0149	.0033	.132
%RSD	.13870	.32925	.29996	.01258	.02517	.31411	.14201	.54778
#1	2.2297	23.898	.93058	2.2779	1.2200	4.7427	2.3256	23.940
#2	2.2254	23.787	.93453	2.2783	1.2205	4.7217	2.3303	24.126
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3826	1.1867	26.260	2.6218	F 2.1094	24.494	4.7237	4.5680
Stddev	.0008	.0011	.038	.0019	.0210	.013	.0010	.0017
%RSD	.03356	.08891	.14404	.07444	.99631	.05255	.02136	.03793
#1	2.3832	1.1875	26.234	2.6204	2.1242	24.485	4.7244	4.5668
#2	2.3821	1.1860	26.287	2.6231	2.0945	24.503	4.7230	4.5693
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7605	F 4.3392	F 4.4609	4.6298	4.7955	4.773	4.8949	F 2.1526
Stddev	.0112	.0300	.0099	.0304	.0156	.022	.0200	.0314
%RSD	.23551	.69020	.22196	.65737	.32559	.4529	.40964	1.4566
#1	4.7684	4.3604	4.4539	4.6083	4.8065	4.788	4.9091	2.1748
#2	4.7526	4.3181	4.4679	4.6513	4.7844	4.758	4.8807	2.1304

Sample Name: CCV13 Acquired: 10/22/2018 23:37:23 Type: Unk
Method: P4-ICP2(v2516) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .49914
Stddev .13789
%RSD 27.625

#1 .59665
#2 .40164

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2774.0	42732.	4832.4	120.38	3206.6
Stddev	1.4	24.	14.9	1.05	.5
%RSD	.05015	.05702	.30933	.86959	.01512

#1	2775.0	42749.	4821.8	119.64	3206.9
#2	2773.1	42715.	4842.9	121.12	3206.3

Sample Name: CCB13 Acquired: 10/22/2018 23:41:09 Type: Unk
Method: P4-ICP2(v2516) 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	-.00291	.00149	-.00257	.00335	-.00079	-.01559	-.00347
Stddev	.00082	.00028	.00022	.00215	.00047	.00869	.00021
%RSD	28.061	18.688	8.5969	64.165	59.512	55.736	6.0970

#1	-.00348	.00169	-.00273	.00486	-.00113	-.02174	-.00361
#2	-.00233	.00130	-.00242	.00183	-.00046	-.00945	-.00332

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00001	.02505	.00035	.00026	-.00048	.00529
Stddev	.00006	.00009	.01349	.00017	.00009	.00041	.00407
%RSD	390.61	896.27	53.840	48.357	36.521	85.901	76.939

#1	.00006	-.00005	.03458	.00047	.00032	-.00077	.00817
#2	-.00003	.00007	.01551	.00023	.00019	-.00019	.00241

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	-.00111	.00228	-.00030	F .60884	.00039	-.00048
Stddev	.00008	.01214	.00034	.00058	.02679	.00064	.00001
%RSD	171.93	1094.7	14.863	194.76	4.4003	163.02	1.5256

#1	-.00010	-.00969	.00204	-.00070	.58989	.00084	-.00047
#2	.00001	.00747	.00252	.00011	.62778	-.00006	-.00048

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.39953	.00176	.00923	-.00290	-.00173	-.00151	-.00033
Stddev	.00738	.00032	.00891	.00082	.00324	.00013	.00186
%RSD	1.8479	18.019	96.556	28.310	187.53	8.4168	560.90

#1	.39431	.00199	.01553	-.00232	-.00402	-.00160	-.00165
#2	.40475	.00154	.00293	-.00348	.00056	-.00142	.00098

Sample Name: CCB13 Acquired: 10/22/2018 23:41:09 Type: Unk
 Method: P4-ICP2(v2516) 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	.00273	.0011	.00009	F 1.1753	F<.00000
Stddev	.00034	.0000	.00009	.0553	.07217
%RSD	12.402	1.202	96.096	4.7031	4.9071

#1	.00249	.0011	.00003	1.2144	-1.5217
#2	.00297	.0011	.00015	1.1362	-1.4196

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2900.5	45349.	4947.3	126.82	3568.0
Stddev	12.1	231.	23.3	3.76	12.8
%RSD	.41880	.50874	.47036	2.9645	.35758

#1	2891.9	45185.	4963.8	129.48	3559.0
#2	2909.1	45512.	4930.9	124.16	3577.1