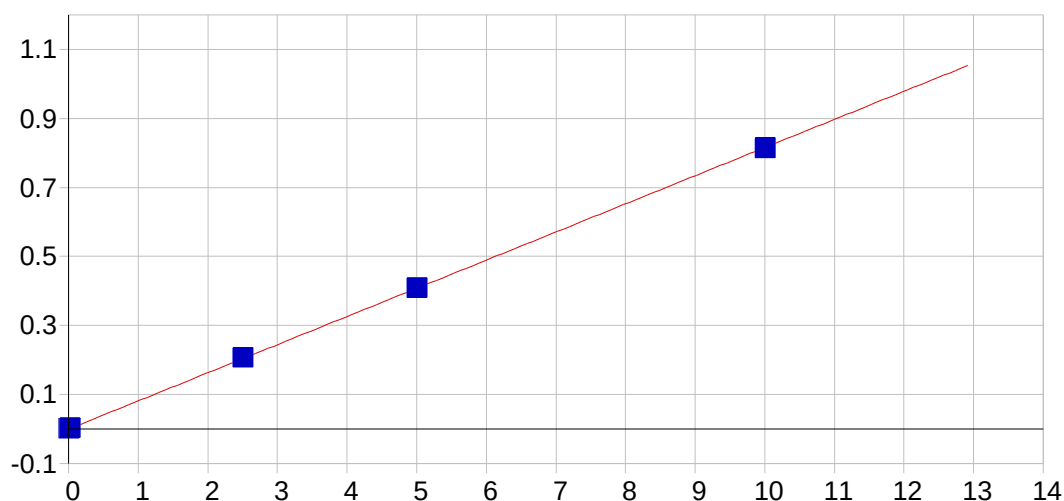


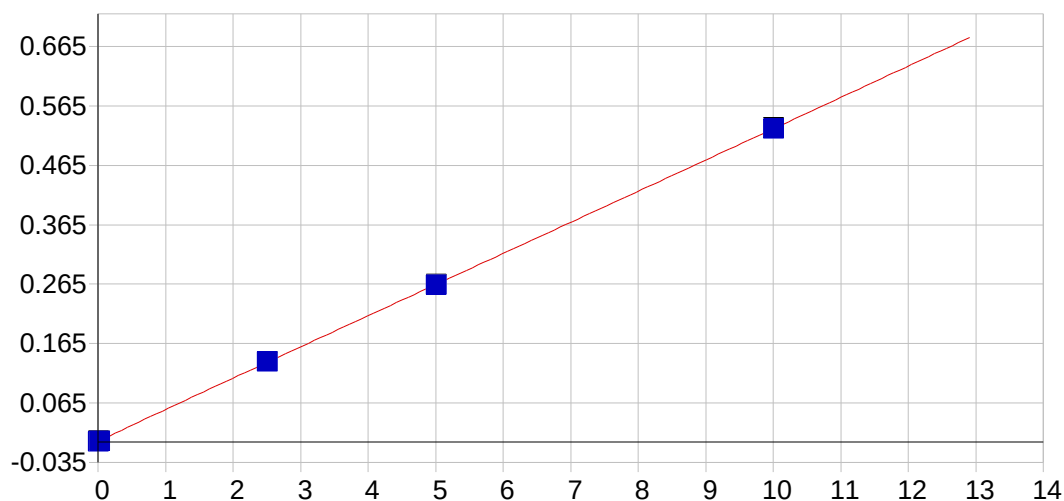


As 189.042 {478}

Date of Fit: 9/19/2018 11:29:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000204 Re-Slope: 1.000000
 A1 (Gain): 0.081582 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999979 Status: OK.
 Std Error of Est: 0.000013
 Predicted MDL: 0.003664
 Predicted MQL: 0.012212

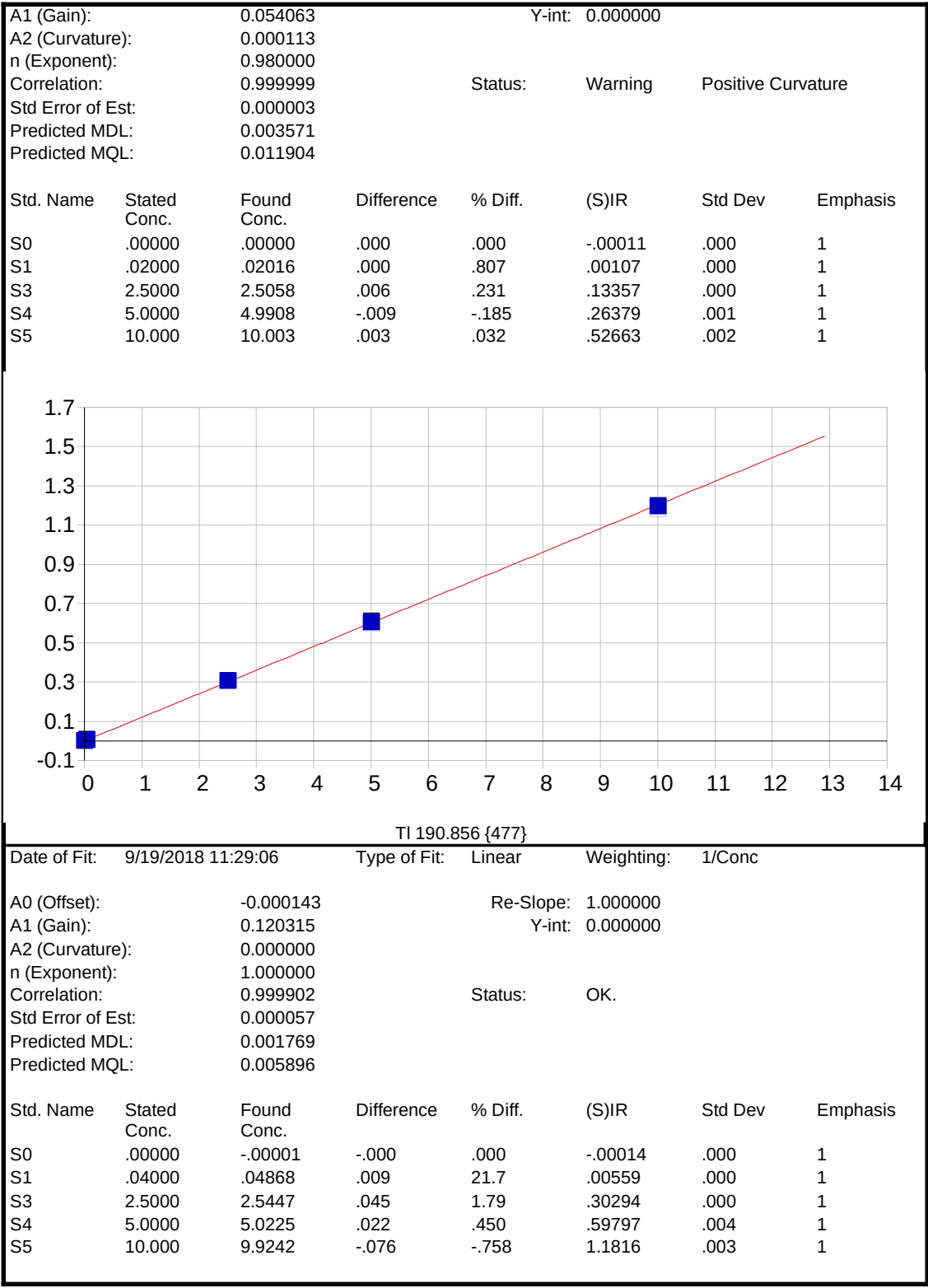
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00020	.000	1
S1	.02000	.02272	.003	13.6	.00165	.000	1
S3	2.5000	2.5262	.026	1.05	.20587	.000	1
S4	5.0000	5.0018	.002	.036	.40783	.001	1
S5	10.000	9.9693	-.031	-.307	.81306	.000	1

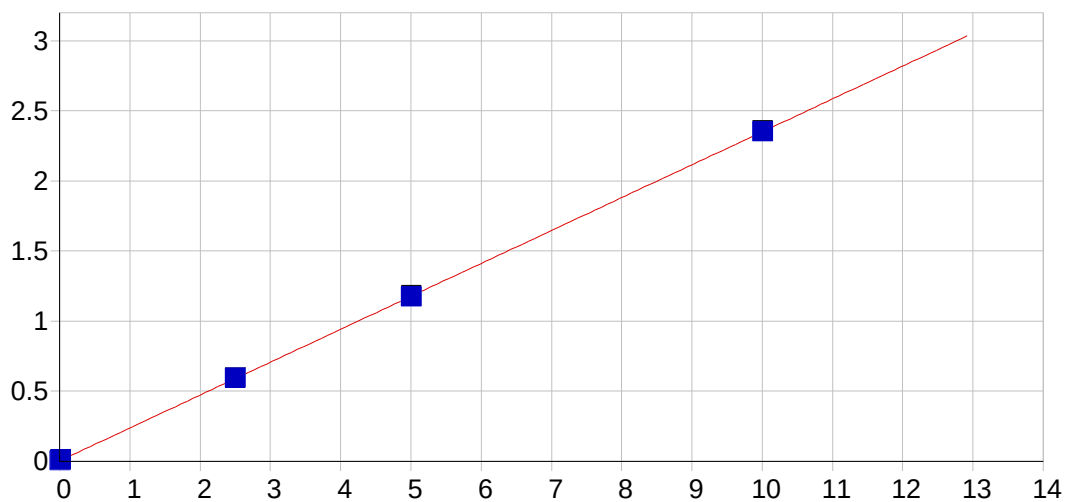


As 189.042 {479}

Date of Fit: 9/19/2018 11:29:06 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset): -0.000111 Re-Slope: 1.000000



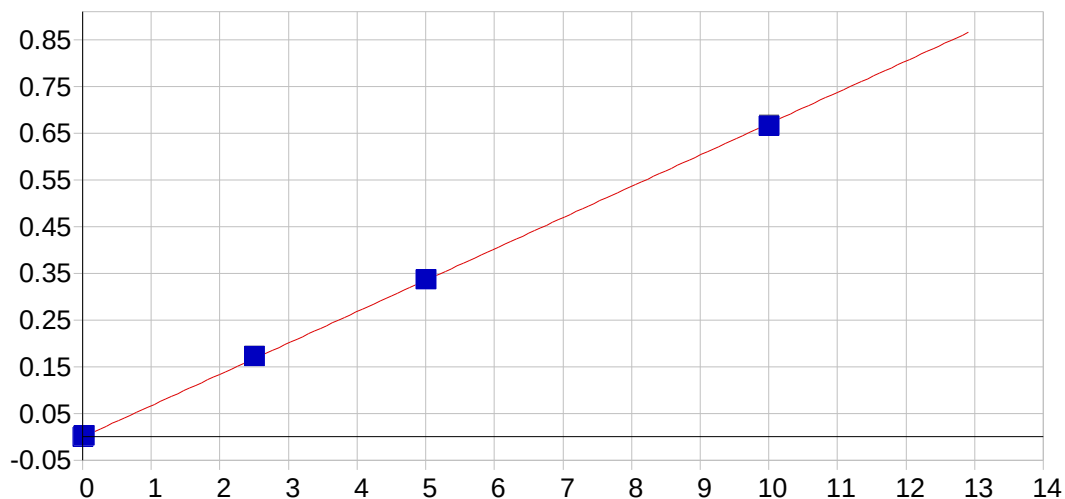


Pb 220.353 {453}

Date of Fit: 9/19/2018 11:29:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003798 Re-Slope: 1.000000
 A1 (Gain): 0.234658 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999985 Status: OK.
 Std Error of Est: 0.000024
 Predicted MDL: 0.001412
 Predicted MQL: 0.004708

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00380	.000	1
S1	.01200	.01417	.002	18.1	.00708	.000	1
S3	2.5000	2.5092	.009	.367	.59191	.000	1
S4	5.0000	4.9796	-.020	-.407	1.1709	.008	1
S5	10.000	10.009	.009	.091	2.3498	.004	1



Se 196.090 {472}

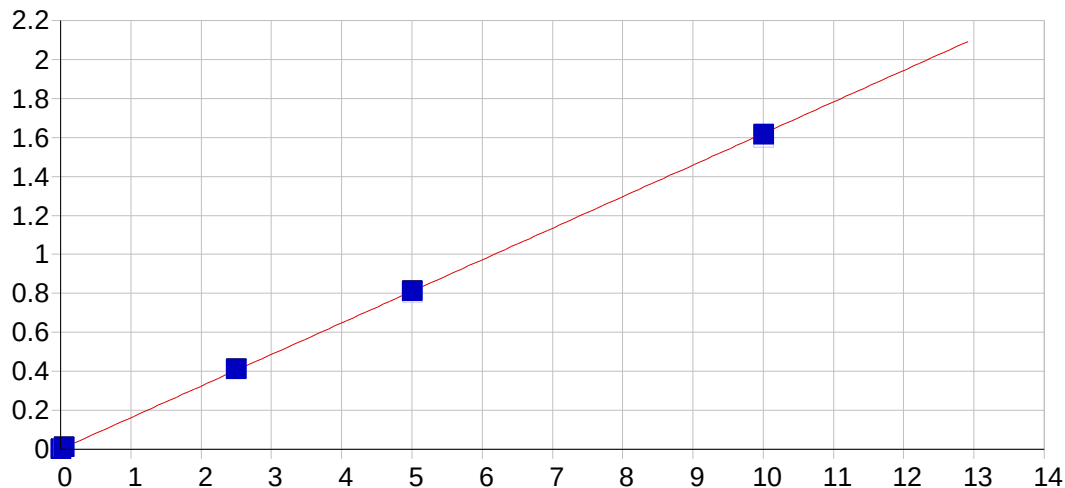
Date of Fit: 9/19/2018 11:29:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000132 Re-Slope: 1.000000
 A1 (Gain): 0.067043 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999867
 Std Error of Est: 0.000026
 Predicted MDL: 0.004057
 Predicted MQL: 0.013524

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00013	.000	1
S1	.02000	.02722	.007	36.1	.00169	.000	1
S3	2.5000	2.5591	.059	2.36	.17144	.001	1
S4	5.0000	5.0128	.013	.256	.33596	.000	1
S5	10.000	9.9209	-.079	-.791	.66502	.001	1



Sb 206.833 {463}

Date of Fit: 9/19/2018 11:29:06

Type of Fit: Linear

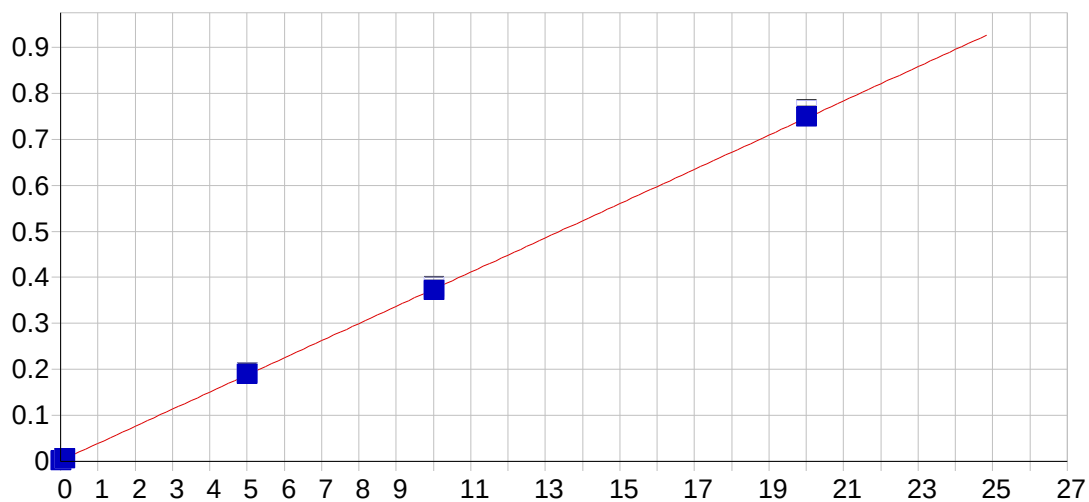
Weighting: 1/Conc

A0 (Offset): 0.000535
 A1 (Gain): 0.161973
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999953
 Std Error of Est: 0.000059
 Predicted MDL: 0.002035
 Predicted MQL: 0.006783

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00053	.000	1
S1	.05000	.05675	.007	13.5	.00952	.000	1
S3	2.5000	2.5350	.035	1.40	.40658	.000	1
S4	5.0000	5.0024	.002	.048	.80168	.001	1
S5	10.000	9.9559	-.044	-.441	1.5949	.002	1

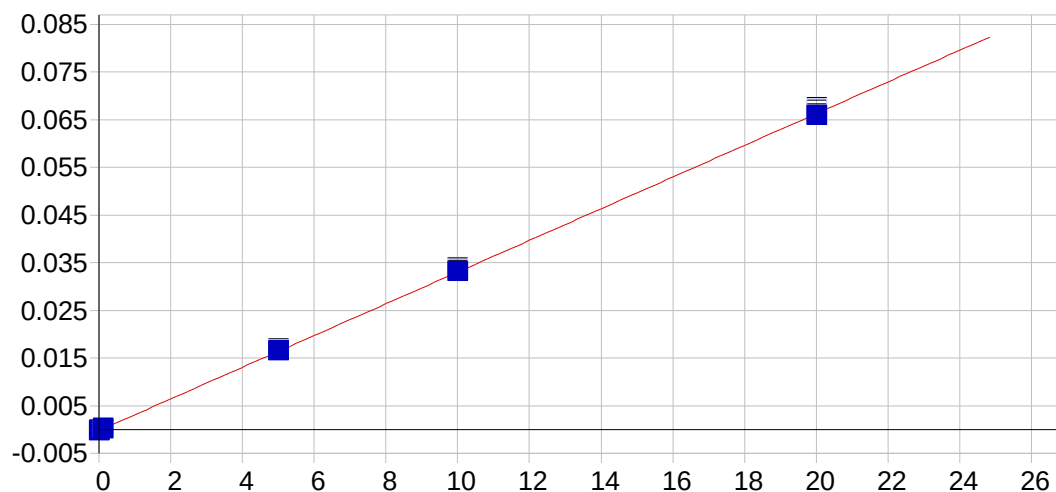


AI 308.215 {109}

Date of Fit: 9/19/2018 11:29:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001682 Re-Slope: 1.000000
 A1 (Gain): 0.037230 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999979 Status: OK.
 Std Error of Est: 0.000019
 Predicted MDL: 0.003953
 Predicted MQL: 0.013177

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00168	.000	1
S1	.10000	.10858	.009	8.58	.00598	.000	1
S3	5.0000	5.0198	.020	.396	.19228	.000	1
S4	10.000	9.9243	-.076	-.757	.37858	.001	1
S5	20.000	20.047	.047	.234	.76286	.001	1



AI 309.271 {109}

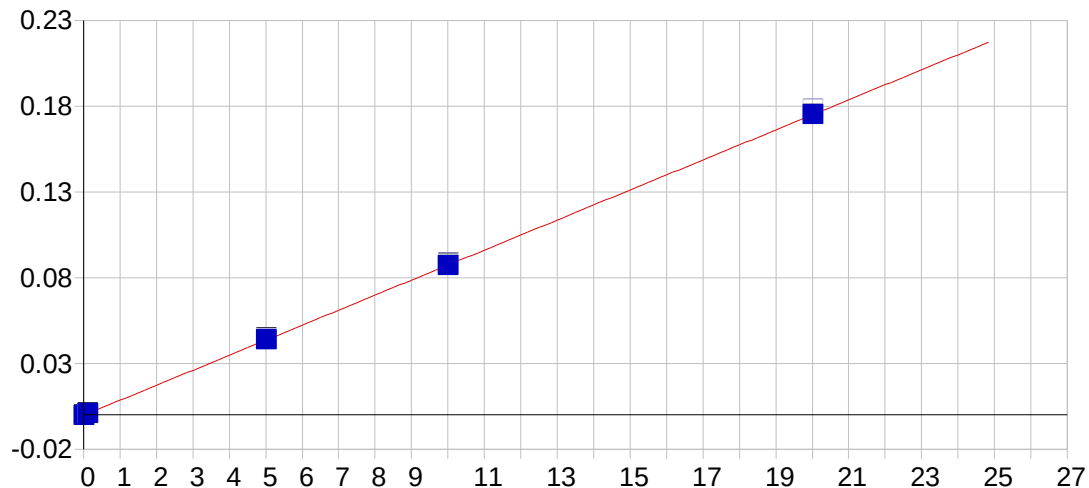
Date of Fit: 9/19/2018 11:29:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000247 Re-Slope: 1.000000
 A1 (Gain): 0.003326 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999908
 Std Error of Est: 0.000004
 Predicted MDL: 0.029357
 Predicted MQL: 0.097858

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	-.00025	.000	1
S1	.10000	.12412	.024	24.1	.00019	.000	1
S3	5.0000	5.0273	.027	.546	.01681	.000	1
S4	10.000	10.050	.050	.503	.03385	.000	1
S5	20.000	19.897	-.103	-.514	.06726	.000	1



AI 396.152 { 85}

Date of Fit: 9/19/2018 11:29:06

Type of Fit: Linear

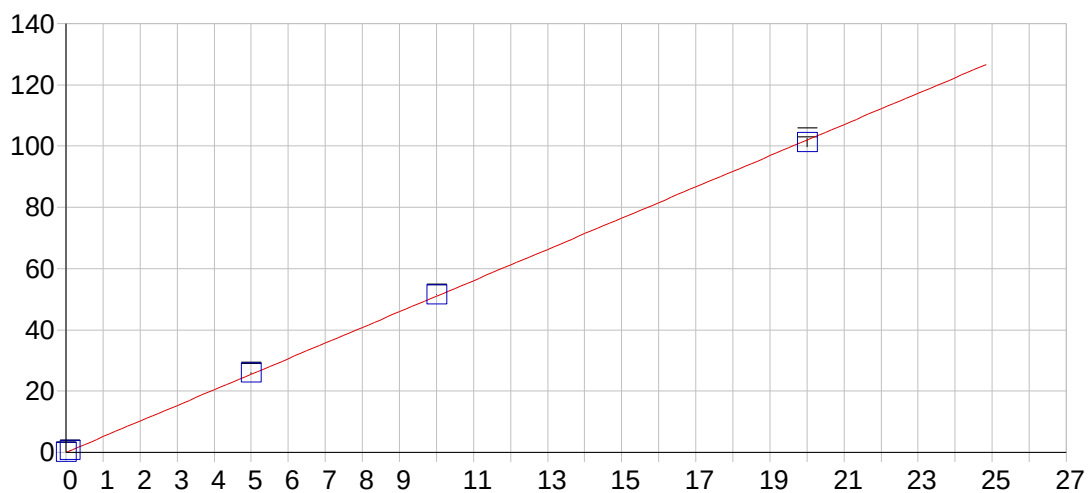
Weighting: 1/Conc

A0 (Offset): -0.000198
 A1 (Gain): 0.008759
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999965
 Std Error of Est: 0.000006
 Predicted MDL: 0.016404
 Predicted MQL: 0.054680

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00020	.000	1
S1	.10000	.11470	.015	14.7	.00087	.000	1
S3	5.0000	5.0251	.025	.501	.04469	.000	1
S4	10.000	9.9490	-.051	-.510	.08869	.000	1
S5	20.000	20.011	.011	.053	.17857	.000	1

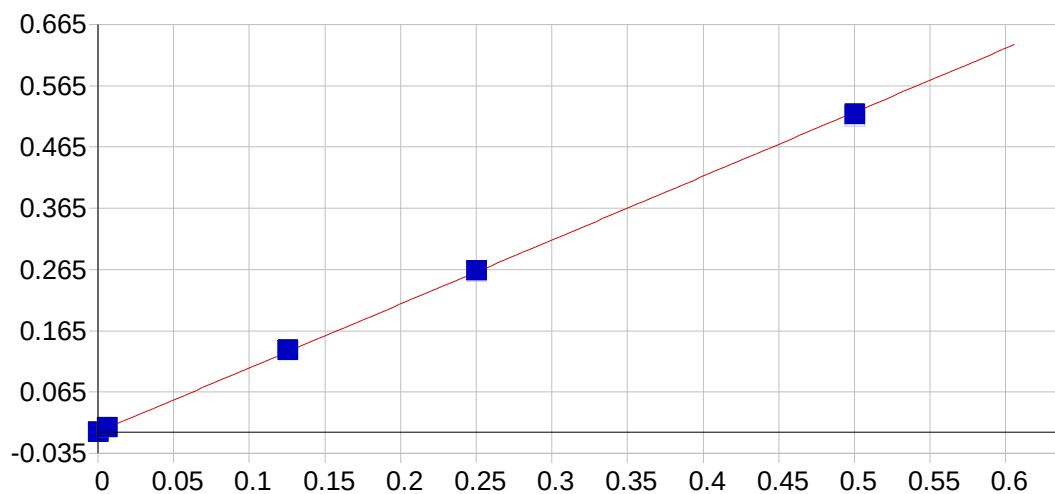


Ba 493.409 { 68}

Date of Fit: 9/19/2018 11:29:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.031287 Re-Slope: 1.000000
 A1 (Gain): 5.096323 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999941 Status: OK.
 Std Error of Est: 0.004241
 Predicted MDL: 0.000716
 Predicted MQL: 0.002387

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.03123	.005	1
S1	.10000	.10877	.009	8.77	.58562	.000	1
S3	5.0000	5.0695	.070	1.39	25.867	.236	1
S5	20.000	19.826	-.174	-.869	101.07	1.45	1
S4	10.000	10.096	.096	.955	51.481	.123	1



Be 234.861 {144}

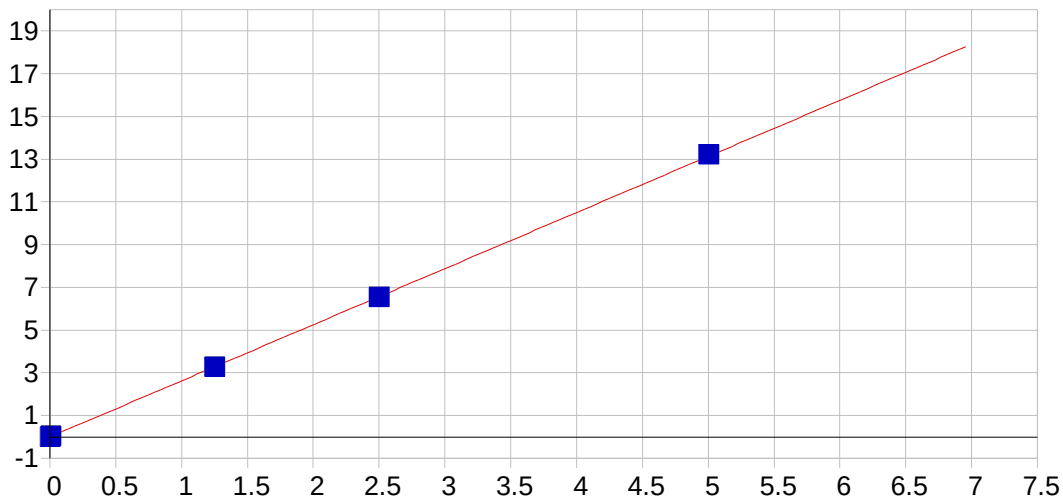
Date of Fit: 9/19/2018 11:29:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000028 Re-Slope: 1.000000
 A1 (Gain): 1.043579 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999936
 Std Error of Est: 0.000035
 Predicted MDL: 0.000084
 Predicted MQL: 0.000280

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00003	.000	1
S1	.00600	.00631	.000	5.17	.00649	.000	1
S3	.12500	.12750	.002	2.00	.13220	.000	1
S4	.25000	.25148	.001	.594	.26077	.001	1
S5	.50000	.49571	-.004	-.858	.51400	.001	1

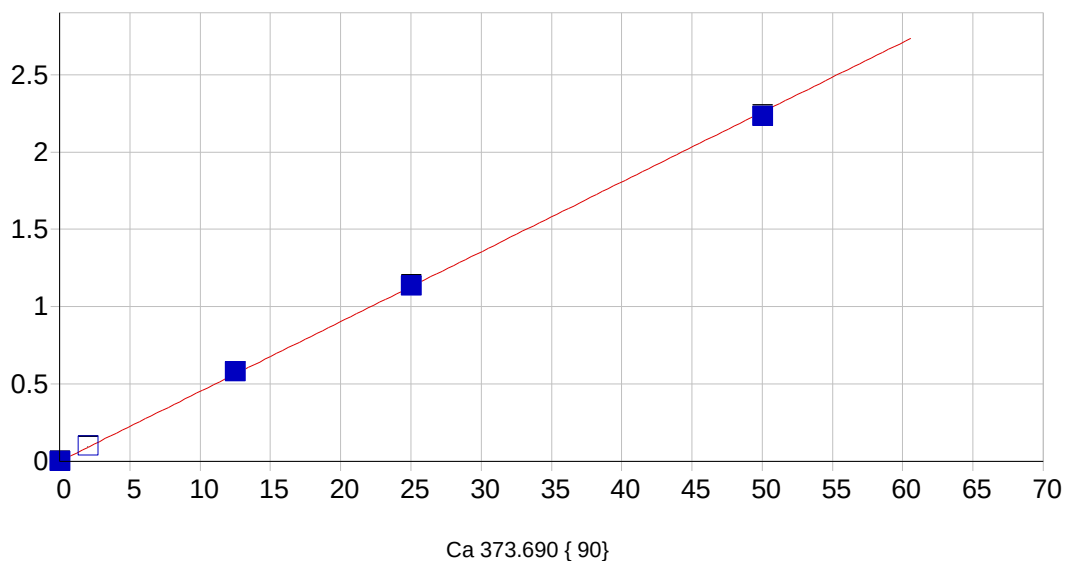


Cd 226.502 {449}

Date of Fit: 9/19/2018 11:29:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000975 Re-Slope: 1.000000
 A1 (Gain): 2.626068 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999978 Status: OK.
 Std Error of Est: 0.000163
 Predicted MDL: 0.000135
 Predicted MQL: 0.000451

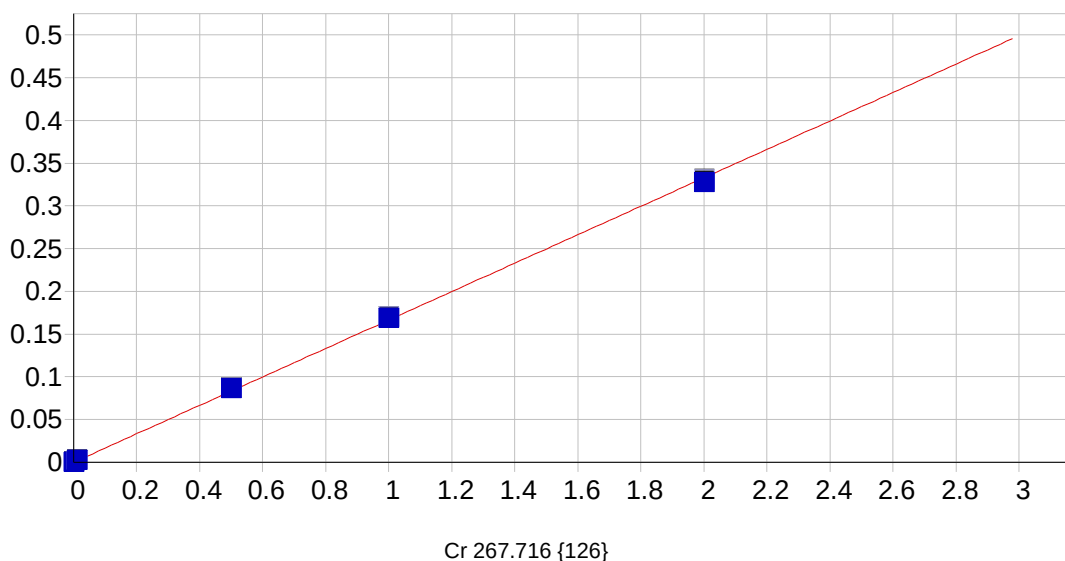
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00098	.000	1
S1	.00600	.00631	.000	5.16	.01563	.000	1
S3	1.2500	1.2352	-.015	-1.19	3.2434	.009	1
S4	2.5000	2.4883	-.012	-.469	6.5349	.025	1
S5	5.0000	5.0263	.026	.525	13.201	.011	1



Date of Fit: 9/19/2018 11:29:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000319 Re-Slope: 1.000000
 A1 (Gain): 0.045141 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999845 Status: OK.
 Std Error of Est: 0.000434
 Predicted MDL: 0.020856
 Predicted MQL: 0.069520

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1579	.158	7.89	.09773	.001	1
S0	.00000	-.00019	-.000	.000	.00031	.000	1
S3	12.500	12.804	.304	2.43	.57861	.003	1
S4	25.000	25.135	.135	.542	1.1356	.004	1
S5	50.000	49.403	-.597	-1.19	2.2316	.008	1



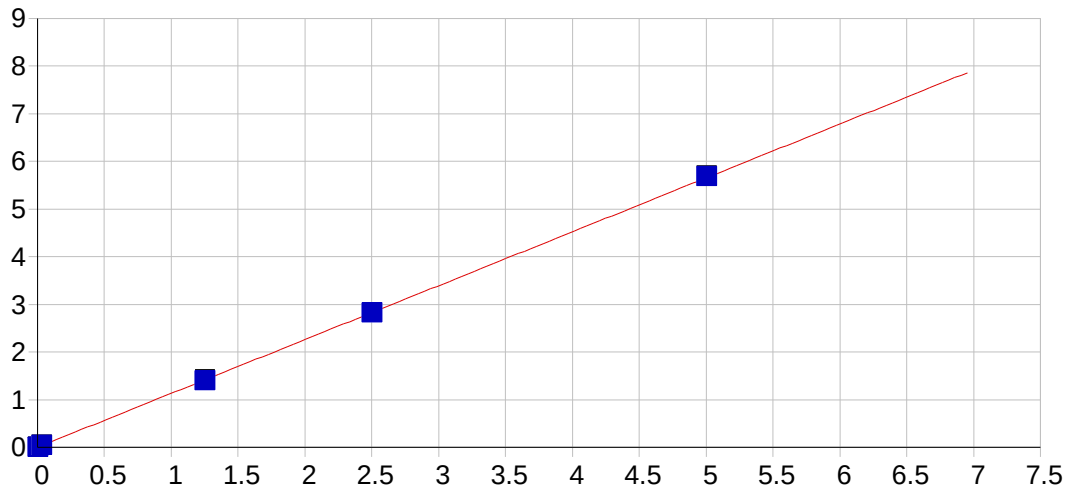
Date of Fit: 9/19/2018 11:29:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000124 Re-Slope: 1.000000
 A1 (Gain): 0.166379 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999807
 Std Error of Est: 0.000025
 Predicted MDL: 0.000634
 Predicted MQL: 0.002112

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00012	.000	1
S1	.01000	.01078	.001	7.83	.00193	.000	1
S3	.50000	.51781	.018	3.56	.08690	.000	1
S4	1.0000	1.0132	.013	1.32	.16993	.000	1
S5	2.0000	1.9683	-.032	-1.59	.33008	.001	1



Co 228.616 {447}

Date of Fit: 9/19/2018 11:29:06

Type of Fit: Linear

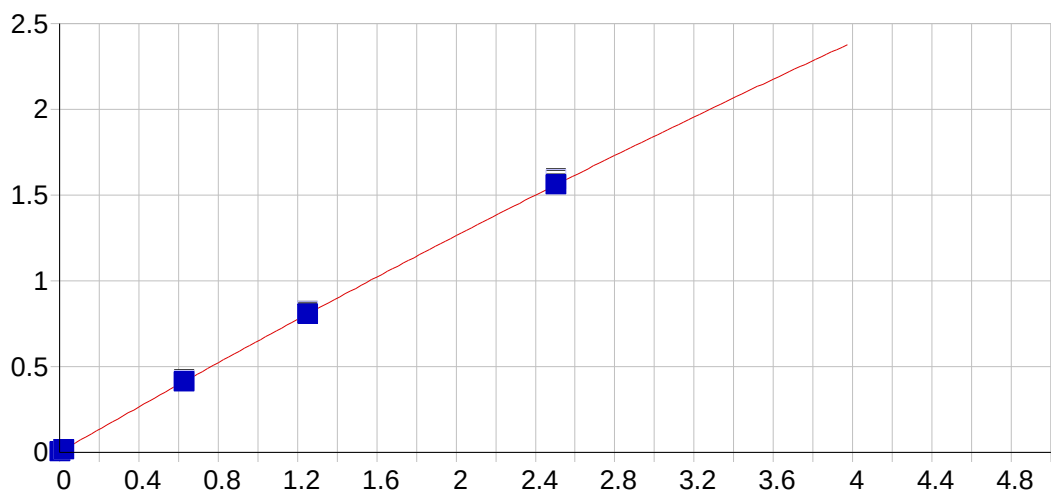
Weighting: 1/Conc

A0 (Offset): 0.001156
 A1 (Gain): 1.130693
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999961
 Std Error of Est: 0.000209
 Predicted MDL: 0.000291
 Predicted MQL: 0.000970

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00115	.000	1
S1	.03000	.03354	.004	11.8	.03885	.000	1
S3	1.2500	1.2377	-.012	-.988	1.4017	.011	1
S4	2.5000	2.4880	-.012	-.481	2.8165	.009	1
S5	5.0000	5.0209	.021	.417	5.6826	.007	1

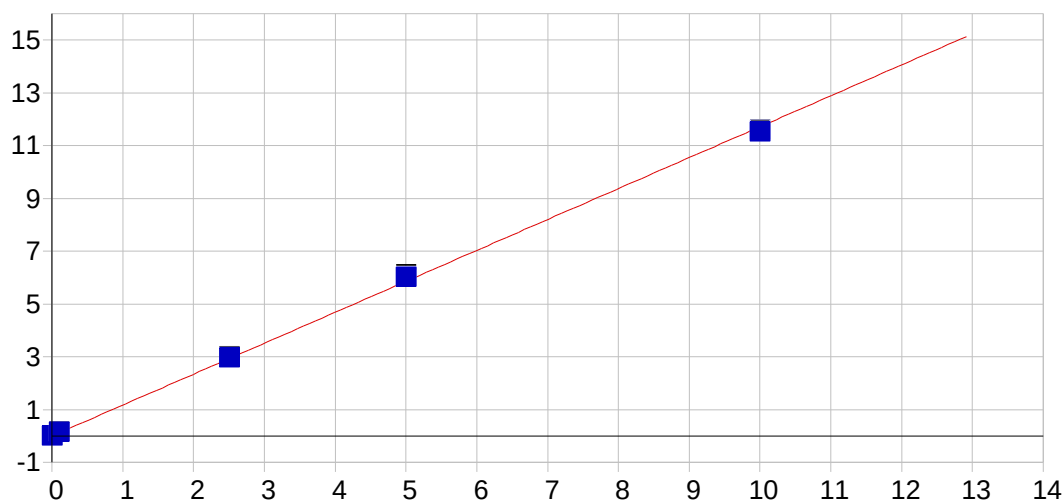


Cu 224.700 {450}

Date of Fit: 9/19/2018 11:29:06 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.002377 Re-Slope: 1.000000
 A1 (Gain): 0.664354 Y-int: 0.000000
 A2 (Curvature): -0.016800
 n (Exponent): 1.000000
 Correlation: 0.999997 Status: OK.
 Std Error of Est: 0.000022
 Predicted MDL: 0.000632
 Predicted MQL: 0.002107

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00238	.000	1
S1	.02000	.02037	.000	1.84	.01613	.000	1
S3	.62500	.62686	.002	.298	.41961	.000	1
S4	1.2500	1.2463	-.004	-.293	.81904	.000	1
S5	2.5000	2.5014	.001	.058	1.5886	.003	1



Fe 240.488 {140}

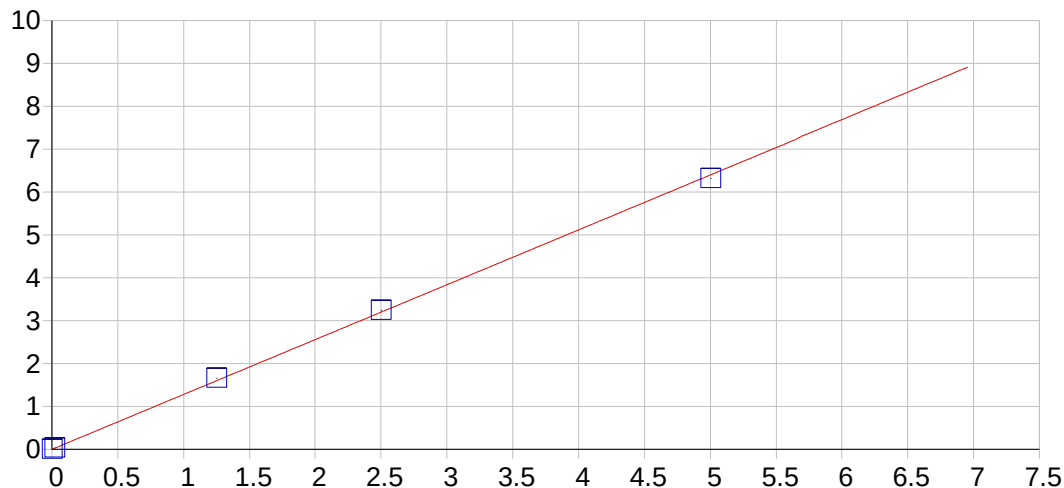
Date of Fit: 9/19/2018 11:29:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.004496 Re-Slope: 1.000000
 A1 (Gain): 1.172139 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999762
 Std Error of Est: 0.001390
 Predicted MDL: 0.009922
 Predicted MQL: 0.033075

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	-.00451	.004	1
S1	.10000	.11432	.014	14.3	.13008	.004	1
S3	2.5000	2.5304	.030	1.22	2.9762	.020	1
S4	5.0000	5.1253	.125	2.51	6.0325	.069	1
S5	10.000	9.8300	-.170	-1.70	11.577	.014	1



Mn 257.610 {131}

Date of Fit: 9/19/2018 11:29:06

Type of Fit: Linear

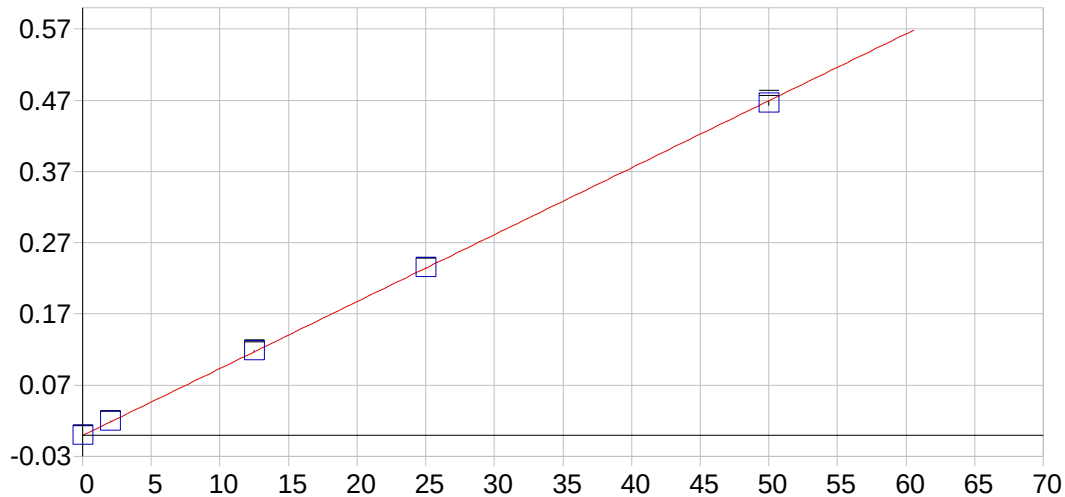
Weighting: 1/Conc

A0 (Offset): 0.000224
 A1 (Gain): 1.280594
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999833
 Std Error of Est: 0.000399
 Predicted MDL: 0.000081
 Predicted MQL: 0.000270

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00022	.000	1
S1	.02000	.02269	.003	13.5	.02928	.000	1
S3	1.2500	1.2904	.040	3.23	1.6527	.000	1
S4	2.5000	2.5266	.027	1.07	3.2358	.003	1
S5	5.0000	4.9303	-.070	-1.39	6.3139	.001	1

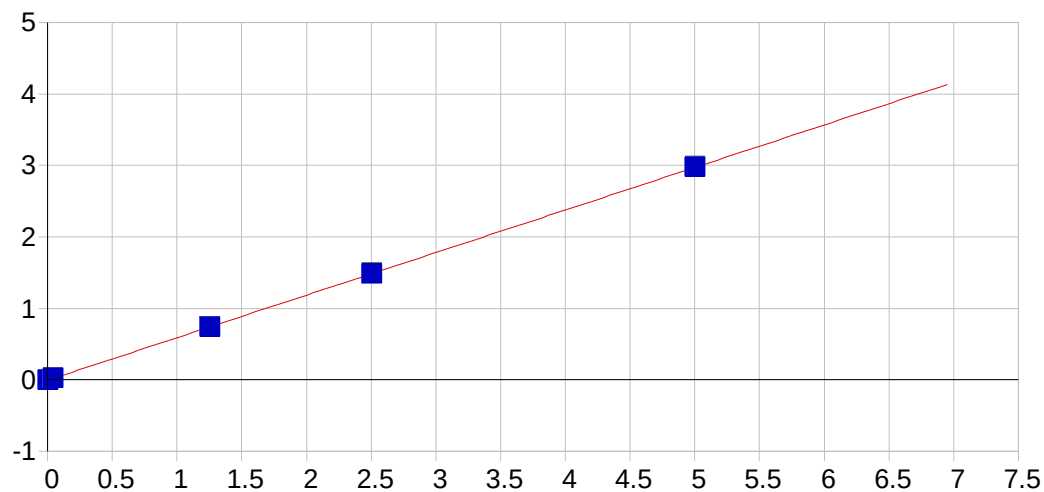


Mg 279.079 {121}

Date of Fit: 9/19/2018 11:29:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000687 Re-Slope: 1.000000
 A1 (Gain): 0.009401 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999916 Status: OK.
 Std Error of Est: 0.000066
 Predicted MDL: 0.049826
 Predicted MQL: 0.166086

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1476	.148	7.38	.01950	.000	1
S0	.00000	-.00016	-.000	.000	-.00069	.000	1
S3	12.500	12.639	.139	1.11	.11813	.001	1
S4	25.000	25.061	.061	.243	.23490	.000	1
S5	50.000	49.653	-.347	-.695	.46607	.003	1



Ni 231.604 {445}

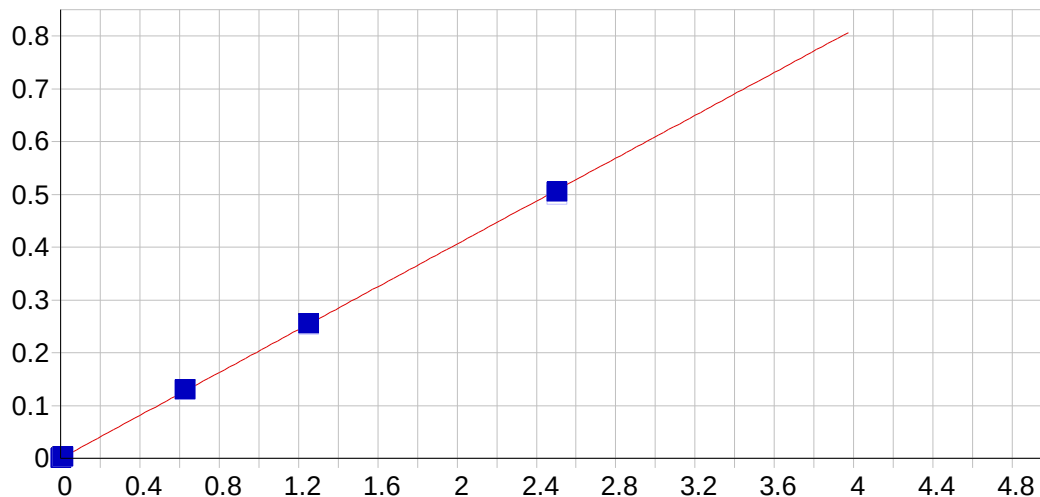
Date of Fit: 9/19/2018 11:29:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.005692 Re-Slope: 1.000000
 A1 (Gain): 0.595437 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999965
 Std Error of Est: 0.000121
 Predicted MDL: 0.000581
 Predicted MQL: 0.001936

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00569	.000	1
S1	.04000	.04489	.005	12.2	.02105	.000	1
S3	1.2500	1.2494	-.001	-.045	.73908	.000	1
S4	2.5000	2.4932	-.007	-.272	1.4805	.008	1
S5	5.0000	5.0025	.002	.049	2.9762	.007	1



Ag 328.068 {103}

Date of Fit: 9/19/2018 11:29:06

Type of Fit: Linear

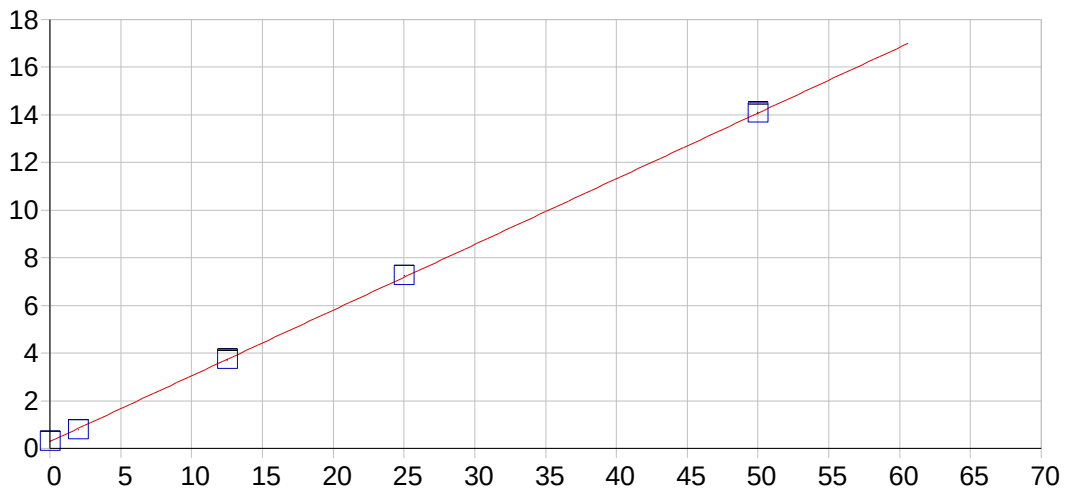
Weighting: 1/Conc

A0 (Offset): 0.000075
 A1 (Gain): 0.203037
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999952
 Std Error of Est: 0.000017
 Predicted MDL: 0.000779
 Predicted MQL: 0.002596

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00007	.000	1
S1	.01000	.01049	.000	4.88	.00216	.000	1
S3	.62500	.63761	.013	2.02	.12809	.000	1
S4	1.2500	1.2544	.004	.349	.25188	.000	1
S5	2.5000	2.4825	-.017	-.698	.49837	.001	1

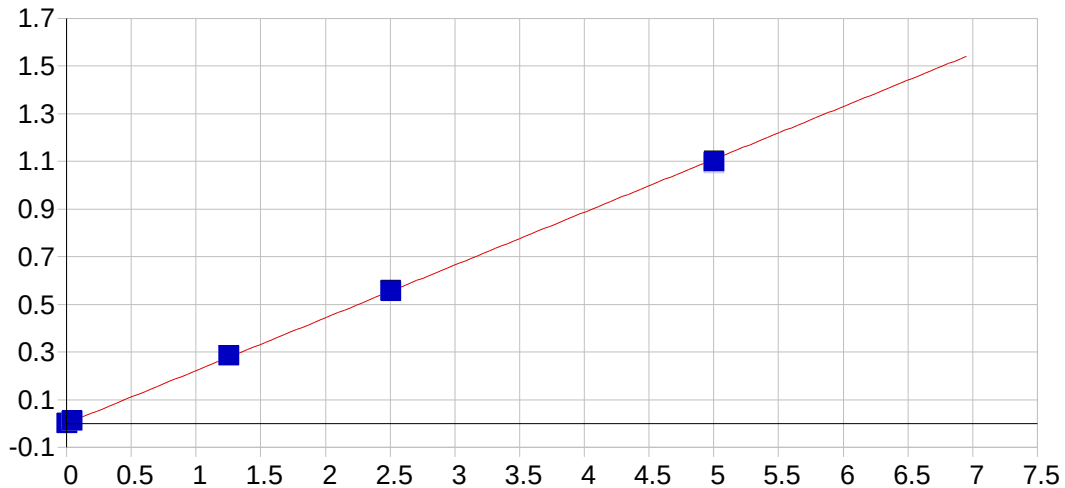


Na 589.592 { 57}

Date of Fit: 9/19/2018 11:29:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.287836 Re-Slope: 1.000000
 A1 (Gain): 0.275814 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999868 Status: OK.
 Std Error of Est: 0.002448
 Predicted MDL: 0.010943
 Predicted MQL: 0.036475

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	1.7935	-.206	-10.3	.78251	.010	1
S0	.00000	.00019	.000	.000	.28789	.004	1
S3	12.500	12.465	-.035	-.279	3.7259	.045	1
S4	25.000	25.236	.236	.944	7.2483	.007	1
S5	50.000	50.005	.005	.011	14.080	.064	1



V 292.402 {115}

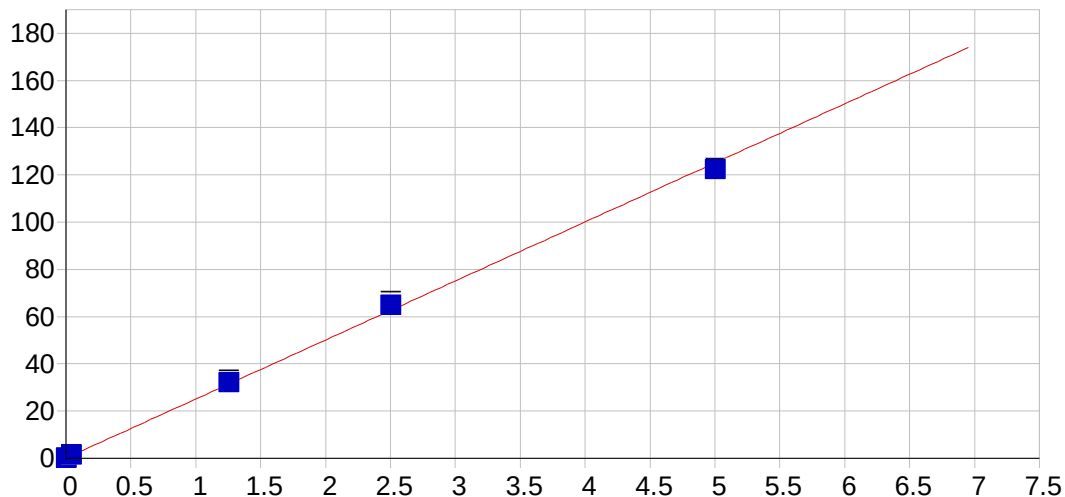
Date of Fit: 9/19/2018 11:29:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000035 Re-Slope: 1.000000
 A1 (Gain): 0.221745 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999864
 Std Error of Est: 0.000088
 Predicted MDL: 0.000621
 Predicted MQL: 0.002070

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00004	.000	1
S1	.04000	.04677	.007	16.9	.01020	.000	1
S3	1.2500	1.2806	.031	2.45	.28213	.001	1
S4	2.5000	2.5092	.009	.368	.55274	.001	1
S5	5.0000	4.9535	-.047	-.931	1.0911	.002	1



Zn 206.200 {163}

Date of Fit: 9/19/2018 11:29:06

Type of Fit: Linear

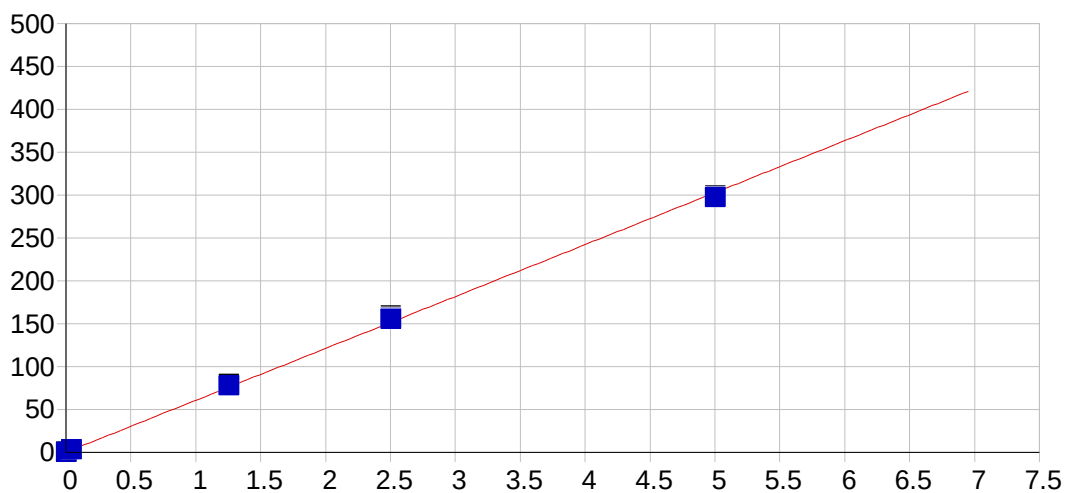
Weighting: 1/Conc

A0 (Offset): 0.099147
 A1 (Gain): 25.005805
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999599
 Std Error of Est: 0.017231
 Predicted MDL: 0.000565
 Predicted MQL: 0.001883

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.09896	.012	1
S1	.04000	.04597	.006	14.9	1.2551	.027	1
S3	1.2500	1.2788	.029	2.30	32.265	.687	1
S4	2.5000	2.5834	.083	3.34	65.077	1.31	1
S5	5.0000	4.8818	-.118	-2.36	122.93	.217	1

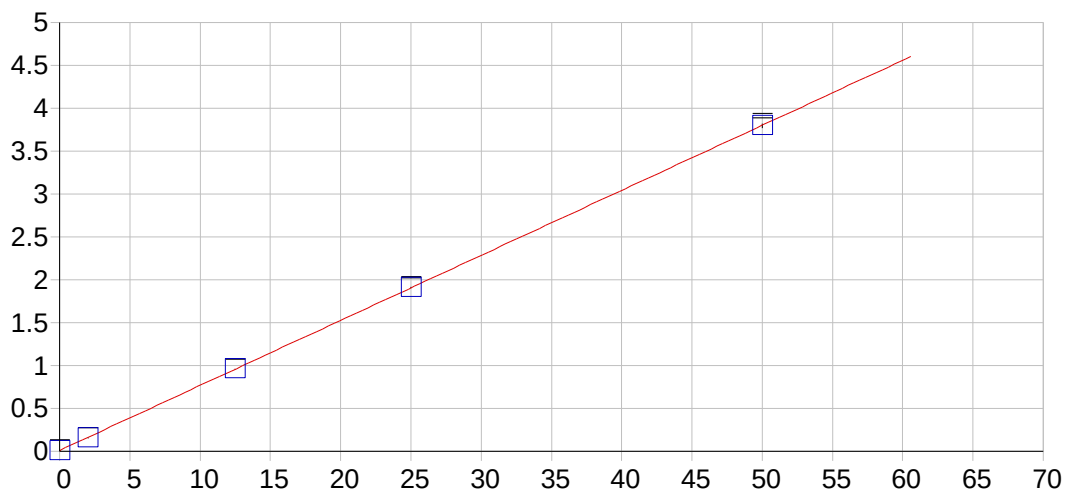


Zn 213.856 {458}

Date of Fit: 9/19/2018 11:29:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.105996 Re-Slope: 1.000000
 A1 (Gain): 60.550506 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999731 Status: OK.
 Std Error of Est: 0.034212
 Predicted MDL: 0.000115
 Predicted MQL: 0.000385

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.10562	.004	1
S1	.04000	.04509	.005	12.7	2.8522	.017	1
S3	1.2500	1.2743	.024	1.94	77.724	1.72	1
S4	2.5000	2.5672	.067	2.69	156.47	2.20	1
S5	5.0000	4.9034	-.097	-1.93	298.84	.078	1



K 766.490 {44}

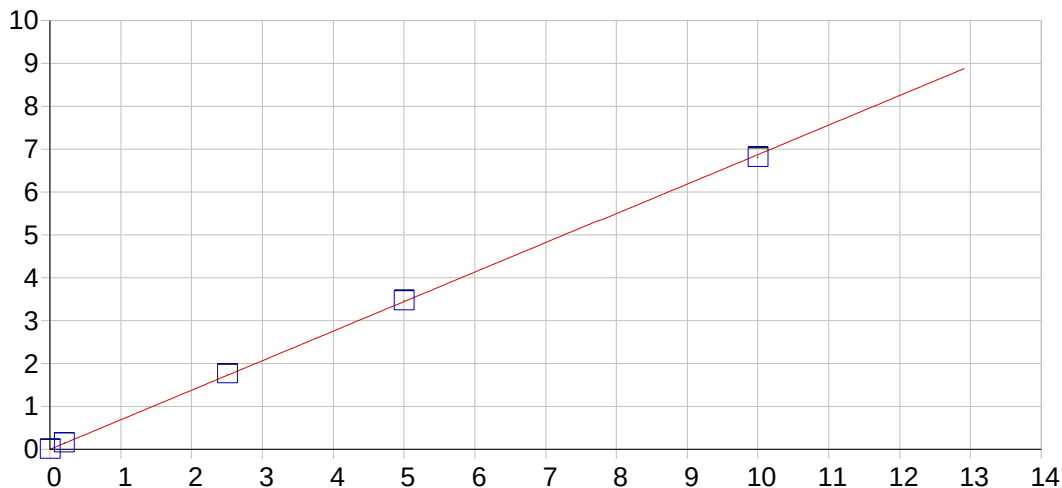
Date of Fit: 9/19/2018 11:29:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.010348 Re-Slope: 1.000000
 A1 (Gain): 0.075816 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999991
 Std Error of Est: 0.000177
 Predicted MDL: 0.042251
 Predicted MQL: 0.140837

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	1.9521	-.048	-2.40	.15835	.000	1
S0	.00000	.00004	.000	.000	.01035	.001	1
S3	12.500	12.550	.050	.400	.96184	.003	1
S4	25.000	25.068	.068	.273	1.9109	.006	1
S5	50.000	49.930	-.070	-.141	3.7958	.026	1



Mo 202.030 {467}

Date of Fit: 9/19/2018 11:29:06

Type of Fit: Linear

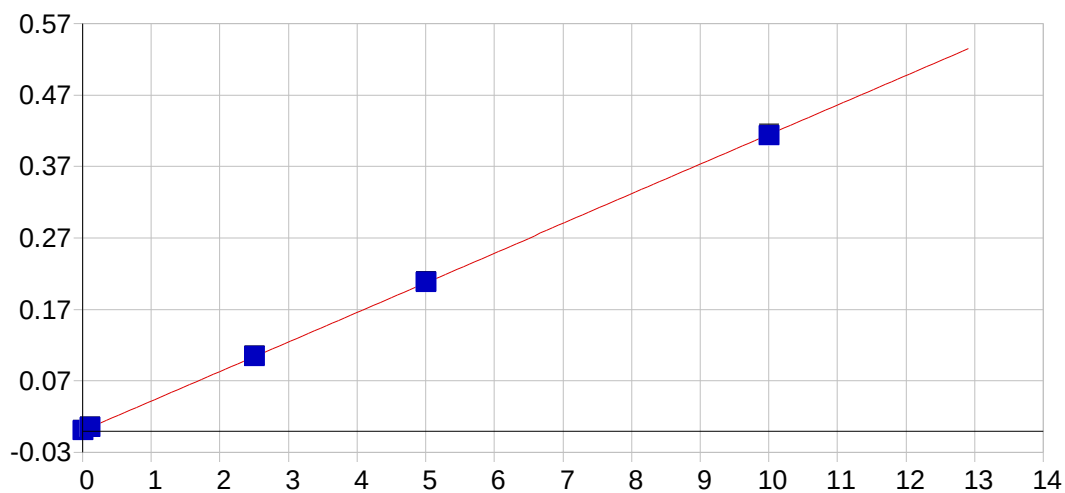
Weighting: 1/Conc

A0 (Offset): 0.000503
 A1 (Gain): 0.687832
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999910
 Std Error of Est: 0.000709
 Predicted MDL: 0.000384
 Predicted MQL: 0.001280

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00049	.000	1
S1	.20000	.21256	.013	6.28	.14671	.001	1
S3	2.5000	2.5496	.050	1.98	1.7542	.006	1
S4	5.0000	5.0414	.041	.828	3.4681	.003	1
S5	10.000	9.8965	-.104	-1.04	6.8076	.013	1

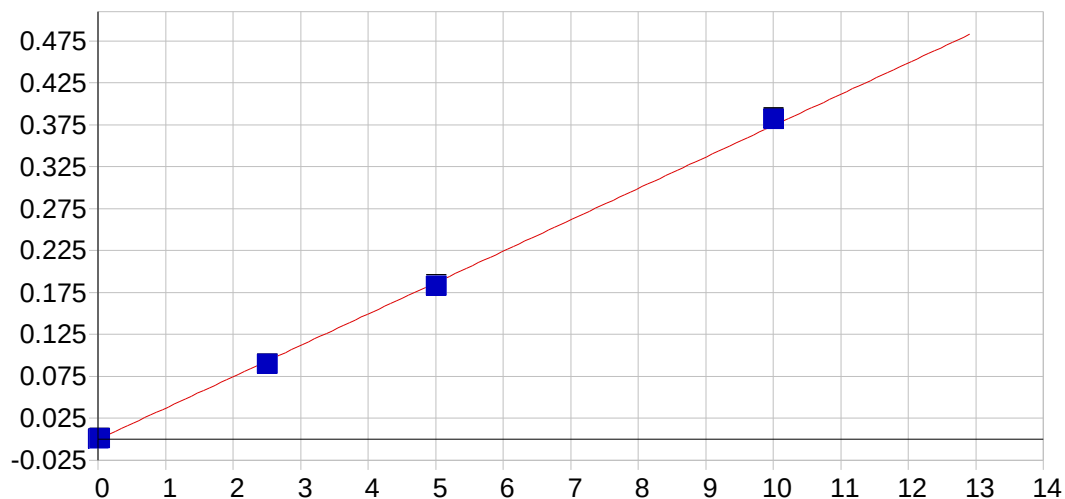


B 249.678 {135}

Date of Fit: 9/19/2018 11:29:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000056 Re-Slope: 1.000000
 A1 (Gain): 0.041459 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999964 Status: OK.
 Std Error of Est: 0.000019
 Predicted MDL: 0.009491
 Predicted MQL: 0.031636

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00006	.000	1
S1	.10000	.11016	.010	10.2	.00461	.000	1
S3	2.5000	2.5099	.010	.394	.10387	.000	1
S4	5.0000	5.0175	.018	.350	.20759	.000	1
S5	10.000	9.9625	-.038	-.375	.41212	.002	1



S 182.034 {485}

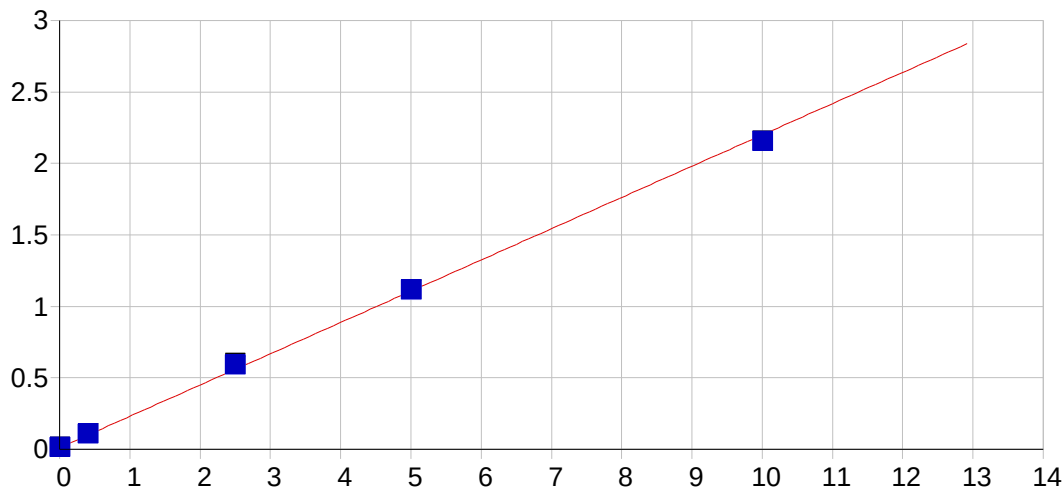
Date of Fit: 9/19/2018 11:29:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000181 Re-Slope: 1.000000
 A1 (Gain): 0.037411 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999682
 Std Error of Est: 0.000023
 Predicted MDL: 0.004395
 Predicted MQL: 0.014649

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00018	.000	1
S1	.02000	.02004	.000	.181	.00055	.000	1
S3	2.5000	2.3941	-.106	-4.23	.08928	.000	1
S4	5.0000	4.8950	-.105	-2.10	.18274	.002	1
S5	10.000	10.211	.211	2.11	.38140	.001	1



Si 288.158 {117}

Date of Fit: 9/19/2018 11:29:06

Type of Fit: Linear

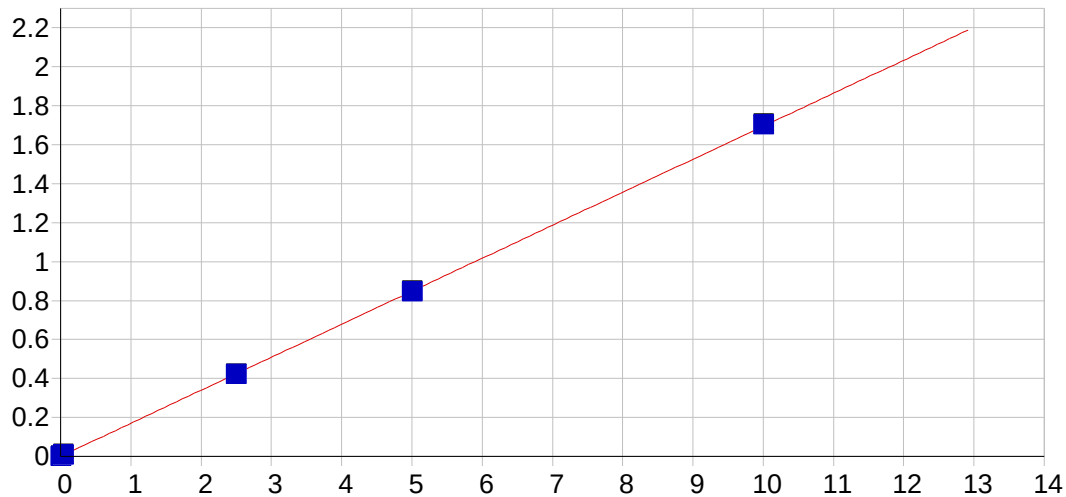
Weighting: 1/Conc

A0 (Offset): 0.012426
 A1 (Gain): 0.218725
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999537
 Std Error of Est: 0.000726
 Predicted MDL: 0.003955
 Predicted MQL: 0.013182

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00006	-.000	.000	.01241	.001	1
S1	.40000	.44286	.043	10.7	.10922	.000	1
S3	2.5000	2.6358	.136	5.43	.58865	.012	1
S4	5.0000	5.0309	.031	.618	1.1122	.001	1
S5	10.000	9.7905	-.210	-2.10	2.1527	.000	1

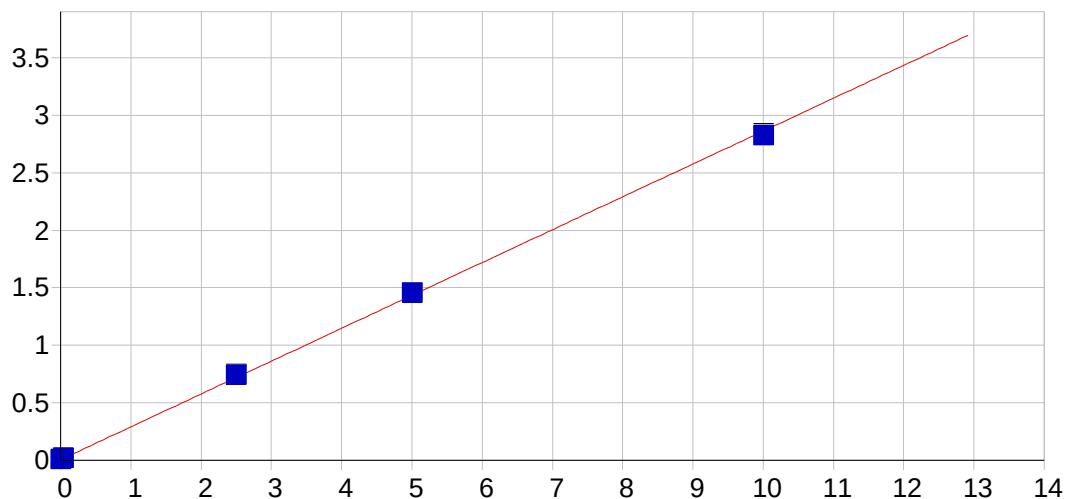


Sn 189.989 {477}

Date of Fit: 9/19/2018 11:29:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000690 Re-Slope: 1.000000
 A1 (Gain): 0.169420 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999979 Status: OK.
 Std Error of Est: 0.000037
 Predicted MDL: 0.000978
 Predicted MQL: 0.003259

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00069	.000	1
S1	.04000	.04411	.004	10.3	.00816	.000	1
S3	2.5000	2.4832	-.017	-.672	.42147	.000	1
S4	5.0000	4.9796	-.020	-.407	.84449	.003	1
S5	10.000	10.033	.033	.331	1.7008	.006	1



Ti 336.121 {100}

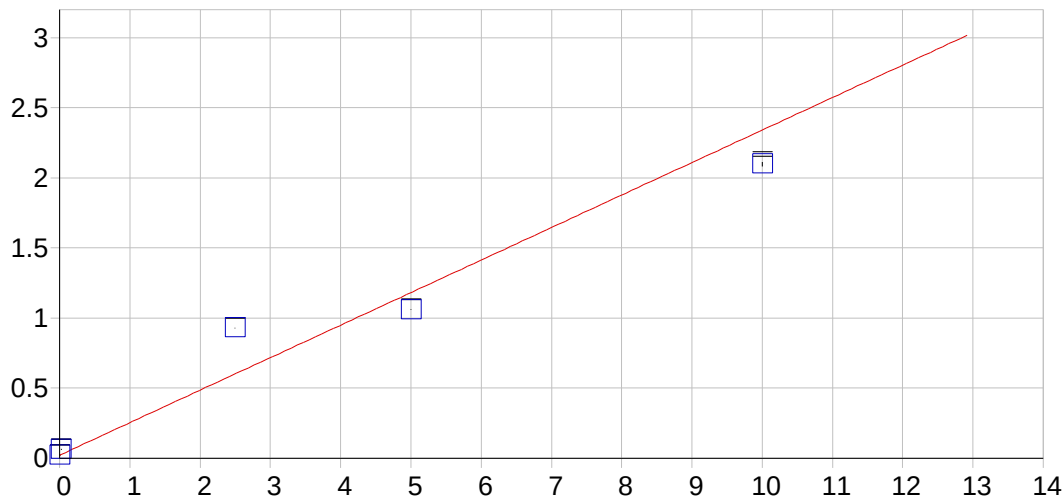
Date of Fit: 9/19/2018 11:29:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005240 Re-Slope: 1.000000
 A1 (Gain): 0.285668 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999814
 Std Error of Est: 0.000188
 Predicted MDL: 0.002293
 Predicted MQL: 0.007642

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00524	.000	1
S1	.04000	.04695	.007	17.4	.01865	.000	1
S3	2.5000	2.5758	.076	3.03	.74098	.003	1
S4	5.0000	5.0649	.065	1.30	1.4519	.000	1
S5	10.000	9.8523	-.148	-1.48	2.8194	.016	1



Li 670.784 { 50}

Date of Fit: 9/19/2018 11:29:06

Type of Fit: Linear

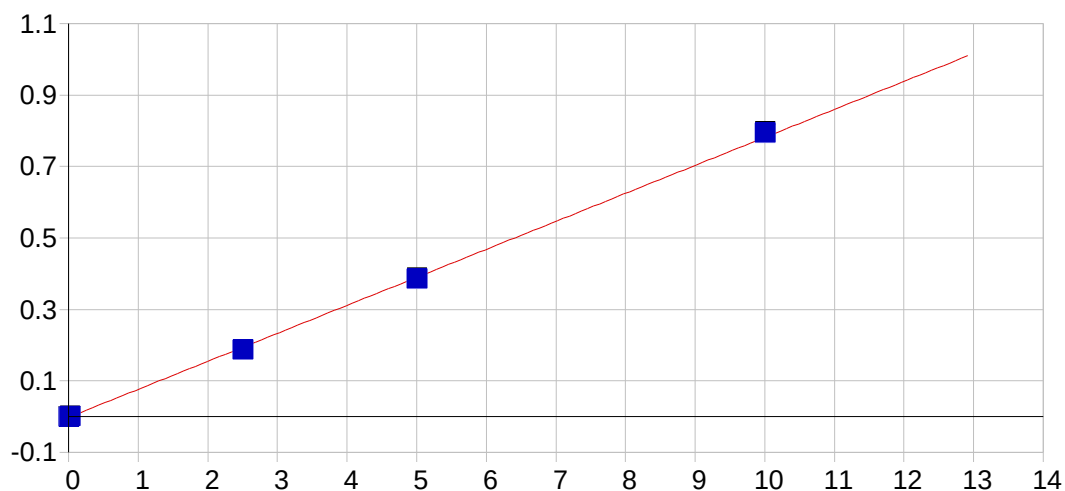
Weighting: 1/Conc

A0 (Offset): 0.022584
 A1 (Gain): 0.231870
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.942818
 Std Error of Est: 0.001980
 Predicted MDL: 0.013598
 Predicted MQL: 0.045328

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00016	-.000	.000	.02255	.001	1
S1	.02000	.17671	.157	784.	.06356	.002	1
S3	2.5000	3.9111	1.41	56.4	.92946	.002	1
S4	5.0000	4.4797	-.520	-10.4	1.0613	.003	1
S5	10.000	8.9525	-1.05	-10.5	2.0984	.017	1

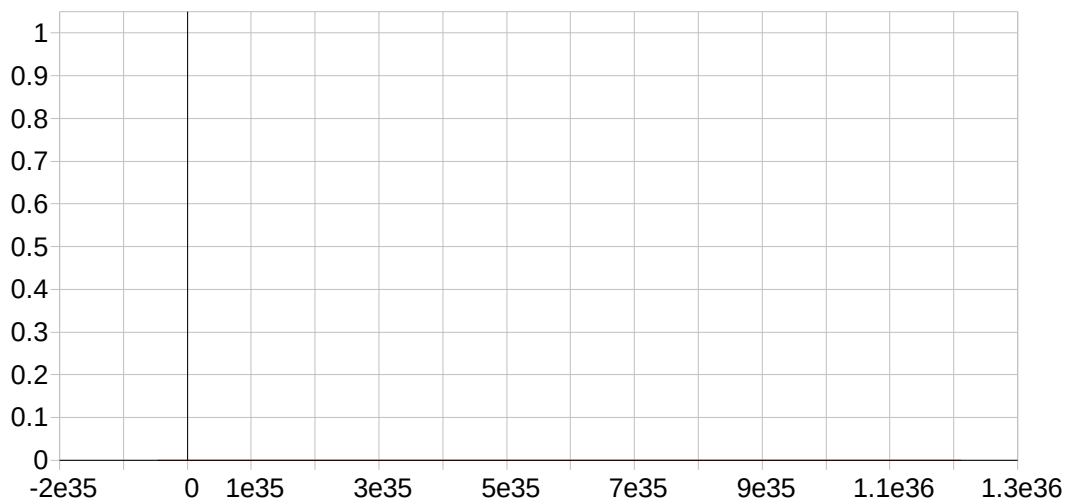


P 177.495 {490}

Date of Fit: 9/19/2018 11:29:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001865 Re-Slope: 1.000000
 A1 (Gain): 0.078342 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999809 Status: OK.
 Std Error of Est: 0.000037
 Predicted MDL: 0.002296
 Predicted MQL: 0.007654

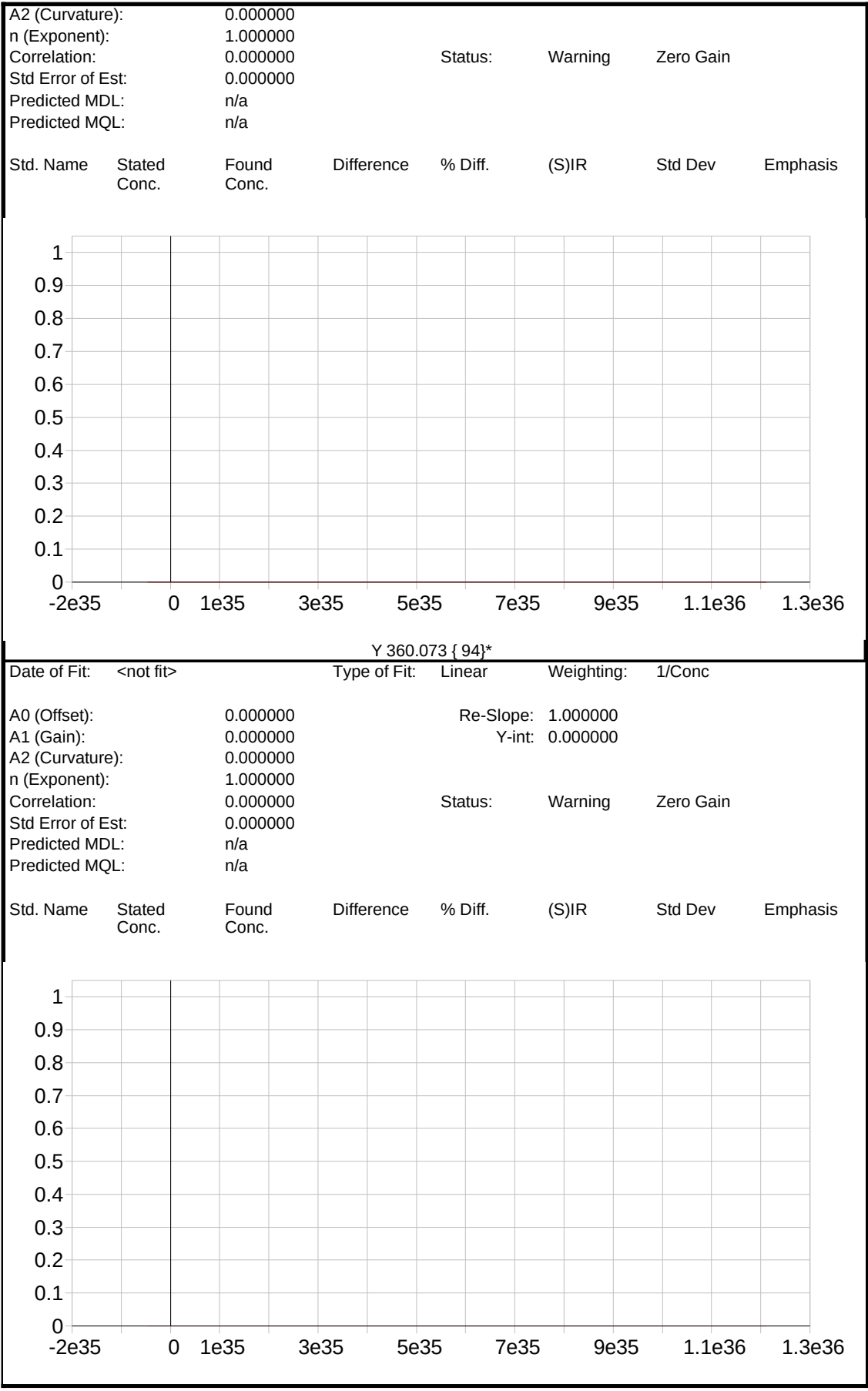
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00186	.000	1
S1	.02000	.01822	-.002	-8.88	-.00044	.000	1
S3	2.5000	2.4104	-.090	-3.58	.18669	.000	1
S4	5.0000	4.9346	-.065	-1.31	.38415	.003	1
S5	10.000	10.157	.157	1.57	.79271	.003	1

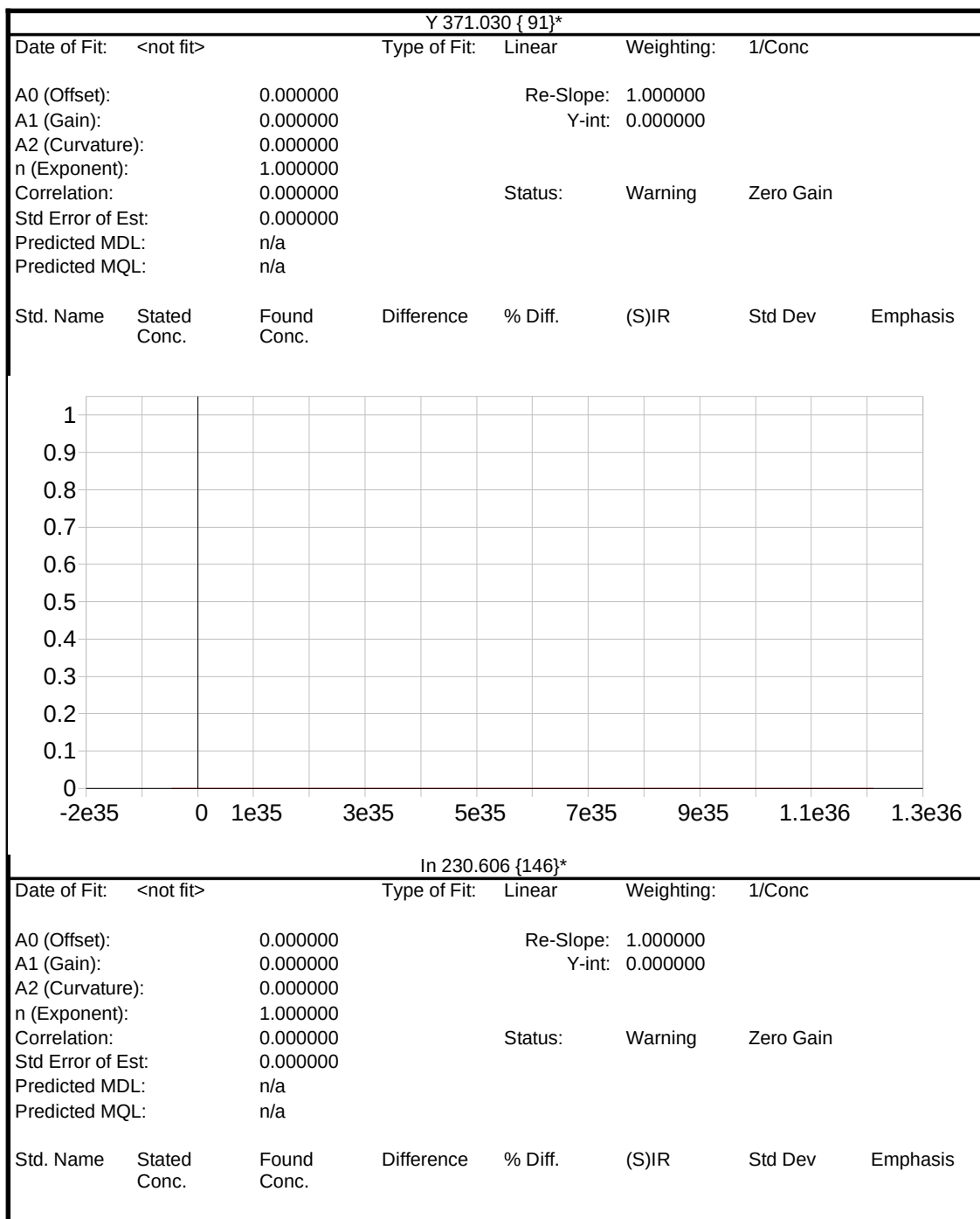


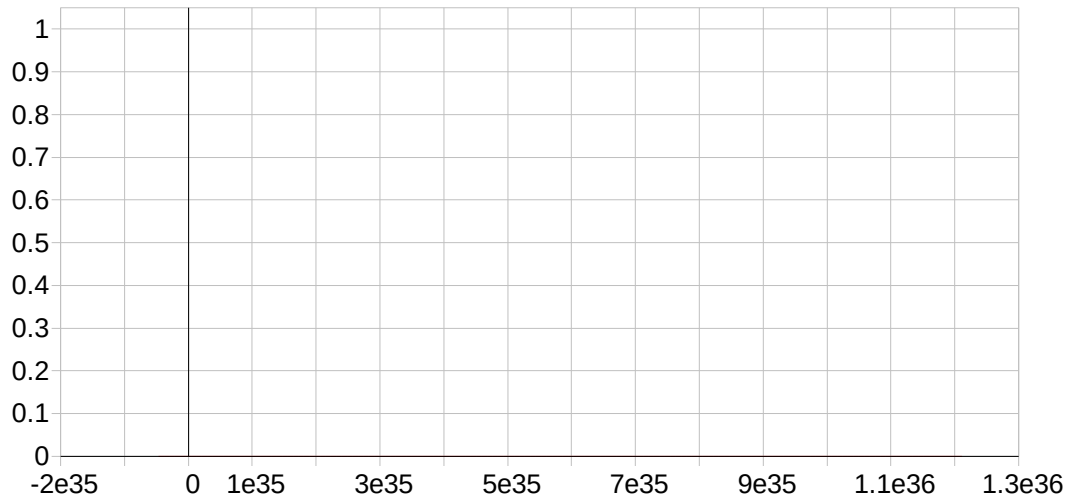
Y 224.306 {450}*

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







In 230.606 {446}*

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

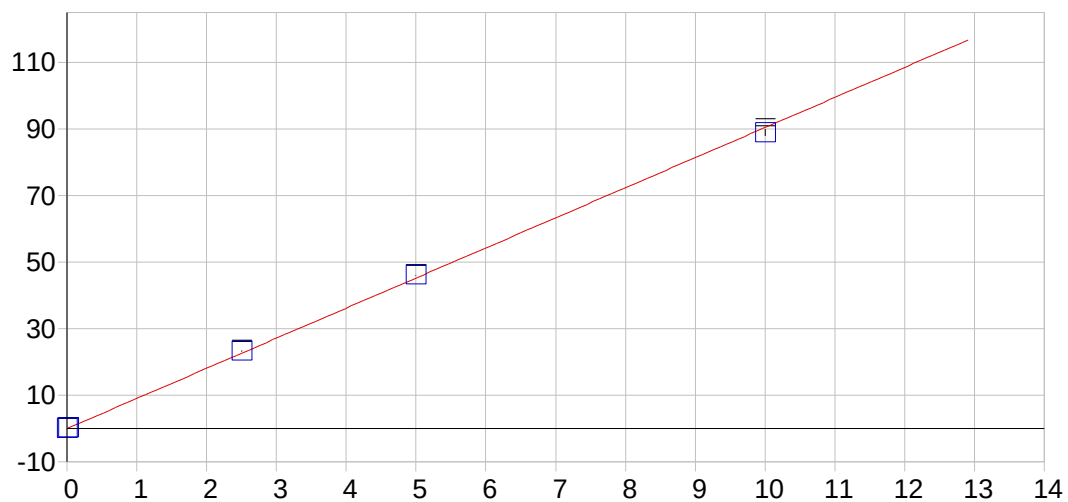
Status: Warning Zero Gain

Std Error of Est: 0.000000

Predicted MDL: n/a

Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis



Sr 407.771 { 83}

Date of Fit: 9/19/2018 11:29:06

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.008044

Re-Slope: 1.000000

A1 (Gain): 9.043827

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999813

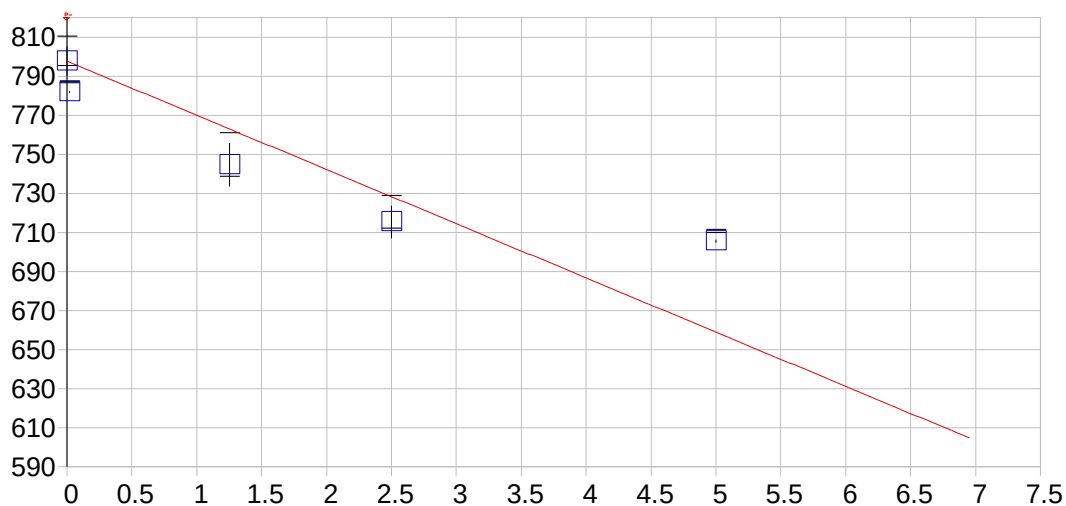
Status: OK.

Std Error of Est: 0.004227

Predicted MDL: 0.000136

Predicted MQL: 0.000452

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00806	.001	1
S1	.02000	.02144	.001	7.19	.18583	.002	1
S3	2.5000	2.5695	.069	2.78	23.230	.220	1
S4	5.0000	5.0946	.095	1.89	46.067	.087	1
S5	10.000	9.8345	-.165	-1.65	88.934	.976	1

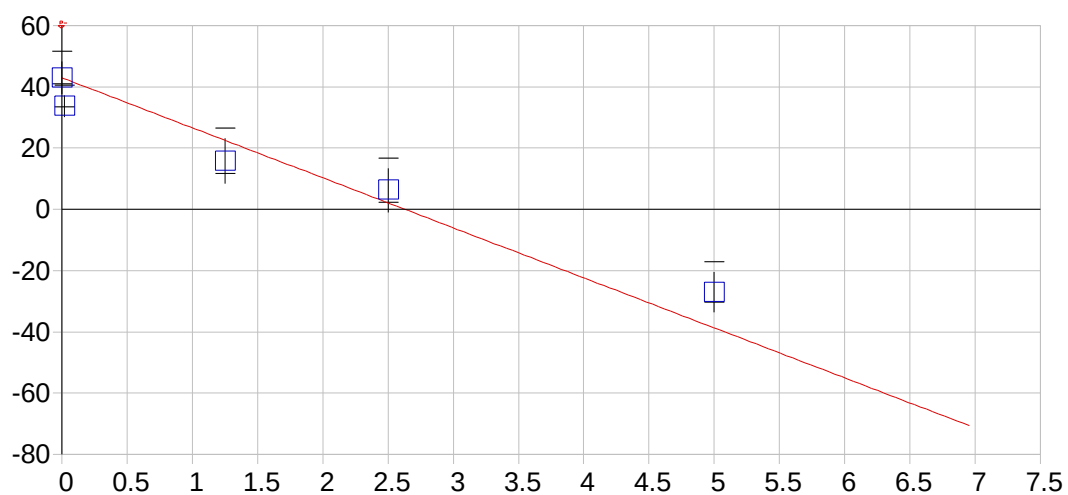


U 367.007 { 92 }

Date of Fit: 9/19/2018 11:29:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 797.691834 Re-Slope: 1.000000
 A1 (Gain): -27.753796 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.592574 Status: Warning Negative Gain
 Std Error of Est: 0.644707
 Predicted MDL: n/a
 Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00056	-.001	.000	797.71	7.42	1
S1	.02000	.57114	.551	2760.	781.84	.423	1
S3	1.2500	1.9112	.661	52.9	744.65	11.1	1
S4	2.5000	2.9675	.468	18.7	715.33	8.24	1
S5	5.0000	3.3201	-1.68	-33.6	705.55	.807	1



U 385.958 { 87}

Date of Fit: 9/19/2018 11:29:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 42.957490 Re-Slope: 1.000000

A1 (Gain): -16.331123 Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.606543

Status: Warning Negative Gain

Std Error of Est: 0.365812

Predicted MDL: n/a

Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00055	-.001	.000	42.966	5.33	1
S1	.02000	.56381	.544	2720.	33.750	3.55	1
S3	1.2500	1.6685	.418	33.5	15.709	7.41	1
S4	2.5000	2.2502	-.250	-9.99	6.2089	7.16	1
S5	5.0000	4.2875	-.713	-14.3	-27.062	6.56	1

Sample Name: S0 Acquired: 9/19/2018 10:58:53 Type: Cal
Method: P4-ICP2(v2442) 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	-.00011	-.00014	.00380	-.00013	.00053	-.00020	.03123	-.00003
Stddev	.00014	.00012	.00034	.00016	.00007	.00001	.00531	.00001
%RSD	125.25	84.209	8.8566	117.86	12.699	4.6871	17.009	35.173

#1	-.00001	-.00023	.00404	-.00002	.00049	-.00020	.02748	-.00002
#2	-.00021	-.00006	.00356	-.00024	.00058	-.00019	.03499	-.00004

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	-.00098	.00031	.00012	.00115	.00238	-.00451	.00022	-.00069
Stddev	.00007	.00022	.00011	.00002	.00039	.00355	.00008	.00011
%RSD	6.9235	70.423	85.748	1.4007	16.317	78.679	36.369	15.740

#1	-.00102	.00047	.00005	.00116	.00210	-.00703	.00028	-.00061
#2	-.00093	.00016	.00020	.00114	.00265	-.00200	.00016	-.00076

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	-.00569	.00007	.28789	-.00004	.10562	.01035	.00049	.00006
Stddev	.00013	.00004	.00411	.00005	.00351	.00132	.00001	.00022
%RSD	2.1979	49.895	1.4270	141.66	3.3239	12.712	1.5358	396.89

#1	-.00561	.00010	.28498	-.00007	.10314	.00942	.00049	.00021
#2	-.00578	.00005	.29079	.00000	.10810	.01128	.00050	-.00010

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	-.00018	.01241	.00069	.00524	.02255	-.0019	-.00806	797.71
Stddev	.00008	.00132	.00018	.00041	.00113	.0000	.00056	7.42
%RSD	42.600	10.661	26.746	7.7957	5.0075	.6116	6.9948	.93012

#1	-.00024	.01335	.00082	.00495	.02175	-.0019	-.00766	802.95
#2	-.00013	.01148	.00056	.00553	.02334	-.0019	-.00846	792.46

Sample Name: S0 Acquired: 9/19/2018 10:58:53 Type: Cal
Method: P4-ICP2(v2442) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	42.966
Stddev	5.325
%RSD	12.393

#1	46.732
#2	39.201

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2456.3	34568.	4168.4	107.53	2987.9
Stddev	16.6	62.	2.2	1.77	16.2
%RSD	.67400	.17984	.05197	1.6489	.54195

#1	2444.5	34524.	4170.0	108.79	2976.5
#2	2468.0	34612.	4166.9	106.28	2999.4

Sample Name: S1 Acquired: 9/19/2018 11:02:56 Type: Cal
Method: P4-ICP2(v2442) 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	.00107	.00559	.00708	.00169	.00952	.00087	.58562	.00649
Stddev	.00000	.00033	.00045	.00026	.00024	.00025	.00003	.00007
%RSD	.23970	5.9430	6.3436	15.405	2.4979	28.741	.00553	1.0624

#1	.00107	.00535	.00676	.00151	.00969	.00069	.58564	.00654
#2	.00107	.00582	.00739	.00188	.00936	.00104	.58559	.00644

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	.01563	.00193	.03885	.01613	.13008	.02928	.02105	.00216
Stddev	.00015	.00000	.00025	.00000	.00402	.00023	.00006	.00003
%RSD	.96865	.24949	.63405	.01295	3.0878	.79032	.27628	1.2367

#1	.01552	.00193	.03867	.01613	.13292	.02912	.02109	.00218
#2	.01573	.00192	.03902	.01613	.12724	.02944	.02101	.00214

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	.01020	2.8522	.14671	.00461	.00055	.10922	.00816	.01865
Stddev	.00024	.0170	.00066	.00008	.00005	.00012	.00011	.00023
%RSD	2.3305	.59683	.44903	1.8312	9.9435	.10591	1.2969	1.2379

#1	.01003	2.8402	.14718	.00455	.00058	.10930	.00809	.01848
#2	.01037	2.8643	.14624	.00466	.00051	.10914	.00824	.01881

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.06356	-.0004	.18583	781.84	33.750
Stddev	.00151	.0000	.00158	.42	3.553
%RSD	2.3772	3.804	.84993	.05414	10.527

#1	.06463	-.0004	.18695	782.14	31.238
#2	.06249	-.0005	.18471	781.54	36.262

Sample Name: S1 Acquired: 9/19/2018 11:02:56 Type: Cal
Method: P4-ICP2(v2442) 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	2455.1	34335.	4132.2	106.71	2975.3
Stddev	16.2	13.	1.0	.28	16.6
%RSD	.65994	.03681	.02396	.26205	.55675
#1	2443.7	34326.	4132.9	106.91	2963.6
#2	2466.6	34343.	4131.5	106.51	2987.0

Sample Name: S2 Acquired: 9/19/2018 11:07:10 Type: Cal
Method: P4-ICP2(v2442) 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	.09773	.01950	.78251	.15835
Stddev	.00071	.00001	.01003	.00037
%RSD	.73114	.06293	1.2813	.23059

#1	.09722	.01951	.77542	.15860
#2	.09823	.01949	.78960	.15809

Int. Std.	Y_3710
Units	Cts/S
Avg	4155.1
Stddev	31.3
%RSD	.75275

#1	4177.2
#2	4133.0

Sample Name: S3 Acquired: 9/19/2018 11:11:08 Type: Cal
Method: P4-ICP2(v2442) 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	.13357	.30294	.59191	.17144	.40658	.04469	25.867	.13220
Stddev	.00026	.00034	.00036	.00063	.00029	.00015	.236	.00031
%RSD	.19480	.11101	.06161	.36732	.07167	.32720	.91247	.23217

#1	.13338	.30271	.59217	.17189	.40679	.04479	25.700	.13242
#2	.13375	.30318	.59165	.17100	.40638	.04459	26.034	.13199

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	3.2434	.57861	.08690	1.4017	.41961	2.9762	1.6527	.11813
Stddev	.0094	.00256	.00033	.0113	.00033	.0199	.0005	.00140
%RSD	.28987	.44212	.37843	.80541	.07936	.67001	.02882	1.1861

#1	3.2367	.57680	.08666	1.4097	.41984	2.9621	1.6523	.11713
#2	3.2500	.58042	.08713	1.3937	.41937	2.9903	1.6530	.11912

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	.73908	.12809	3.7259	.28213	77.724	.96184	1.7542	.10387
Stddev	.00033	.00021	.0452	.00081	1.722	.00328	.0058	.00036
%RSD	.04486	.16737	1.2128	.28655	2.2156	.34096	.32821	.34548

#1	.73932	.12794	3.6939	.28156	76.506	.95952	1.7501	.10362
#2	.73885	.12825	3.7579	.28270	78.941	.96416	1.7583	.10412

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	.08928	.58865	.42147	.74098	.92946	.1867	23.230	744.65
Stddev	.00006	.01165	.00002	.00314	.00215	.0003	.220	11.11
%RSD	.06882	1.9786	.00477	.42417	.23145	.1357	.94588	1.4919

#1	.08924	.58041	.42148	.73876	.92794	.1865	23.074	736.79
#2	.08933	.59689	.42145	.74321	.93098	.1869	23.385	752.50

Sample Name: S3 Acquired: 9/19/2018 11:11:08 Type: Cal
Method: P4-ICP2(v2442) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	15.709
Stddev	7.411
%RSD	47.178

#1	20.950
#2	10.469

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2421.2	33603.	4148.6	106.62	2832.4
Stddev	1.5	47.	38.9	2.01	.5
%RSD	.06238	.14065	.93685	1.8852	.01777

#1	2420.1	33570.	4176.1	108.04	2832.8
#2	2422.2	33637.	4121.1	105.20	2832.1

Sample Name: S4 Acquired: 9/19/2018 11:14:57 Type: Cal
Method: P4-ICP2(v2442) 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	.26379	.59797	1.1709	.33596	.80168	.08869	51.481	.26077
Stddev	.00068	.00385	.0078	.00016	.00059	.00001	.123	.00080
%RSD	.25729	.64376	.66333	.04802	.07375	.01149	.23927	.30532

#1	.26331	.60069	1.1764	.33607	.80210	.08869	51.568	.26134
#2	.26427	.59525	1.1654	.33584	.80127	.08870	51.394	.26021

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	6.5349	1.1356	.16993	2.8165	.81904	6.0325	3.2358	.23490
Stddev	.0249	.0043	.00001	.0085	.00031	.0695	.0028	.00023
%RSD	.38147	.37964	.00384	.30284	.03772	1.1517	.08671	.09882

#1	6.5525	1.1325	.16994	2.8226	.81882	6.0816	3.2378	.23473
#2	6.5173	1.1386	.16993	2.8105	.81926	5.9834	3.2338	.23506

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	1.4805	.25188	7.2483	.55274	156.47	1.9109	3.4681	.20759
Stddev	.0082	.00025	.0066	.00097	2.20	.0059	.0034	.00006
%RSD	.55505	.09786	.09130	.17531	1.4072	.30739	.09770	.02863

#1	1.4863	.25170	7.2530	.55343	158.02	1.9151	3.4705	.20755
#2	1.4747	.25205	7.2436	.55206	154.91	1.9068	3.4657	.20763

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	.18274	1.1122	.84449	1.4519	1.0613	.3842	46.067	715.33
Stddev	.00152	.0006	.00325	.0004	.0028	.0027	.087	8.24
%RSD	.83440	.05422	.38507	.02529	.26263	.7139	.18946	1.1519

#1	.18382	1.1118	.84679	1.4517	1.0633	.3861	46.128	721.16
#2	.18166	1.1126	.84219	1.4522	1.0593	.3822	46.005	709.51

Sample Name: S4 Acquired: 9/19/2018 11:14:57 Type: Cal
Method: P4-ICP2(v2442) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	6.2089
Stddev	7.1585
%RSD	115.30

#1	11.271
#2	1.1470

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2362.9	32964.	4063.6	100.54	2689.7
Stddev	8.3	59.	2.4	1.60	18.9
%RSD	.35237	.17856	.06021	1.5923	.70355

#1	2357.0	32922.	4061.9	99.410	2676.3
#2	2368.8	33006.	4065.4	101.67	2703.0

Sample Name: S5 Acquired: 9/19/2018 11:18:43 Type: Cal
Method: P4-ICP2(v2442) 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	.52663	1.1816	2.3498	.66502	1.5949	.17857	101.07	.51400
Stddev	.00206	.0031	.0040	.00085	.0017	.00005	1.45	.00127
%RSD	.39196	.25864	.17255	.12718	.10316	.02554	1.4369	.24726

#1	.52517	1.1794	2.3469	.66443	1.5937	.17860	102.10	.51310
#2	.52809	1.1837	2.3526	.66562	1.5961	.17854	100.05	.51490

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	13.201	2.2316	.33008	5.6826	1.5886	11.577	6.3139	.46607
Stddev	.011	.0082	.00097	.0074	.0032	.014	.0011	.00322
%RSD	.08265	.36875	.29255	.13077	.20044	.11839	.01737	.68988

#1	13.194	2.2375	.33077	5.6774	1.5864	11.567	6.3132	.46835
#2	13.209	2.2258	.32940	5.6879	1.5909	11.586	6.3147	.46380

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	2.9762	.49837	14.080	1.0911	298.84	3.7958	6.8076	.41212
Stddev	.0073	.00066	.064	.0016	.08	.0263	.0130	.00155
%RSD	.24705	.13317	.45617	.14600	.02597	.69256	.19036	.37712

#1	2.9710	.49790	14.125	1.0922	298.79	3.8144	6.7984	.41322
#2	2.9814	.49883	14.035	1.0900	298.90	3.7772	6.8168	.41102

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	.38140	2.1527	1.7008	2.8194	2.0984	.7927	88.934	705.55
Stddev	.00128	.0001	.0059	.0160	.0173	.0031	.976	.81
%RSD	.33611	.00438	.34438	.56725	.82215	.3928	1.0973	.11439

#1	.38049	2.1527	1.6966	2.8307	2.1106	.7905	89.624	704.98
#2	.38231	2.1526	1.7049	2.8081	2.0862	.7949	88.244	706.12

Sample Name: S5 Acquired: 9/19/2018 11:18:43 Type: Cal
Method: P4-ICP2(v2442) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-27.062
Stddev	6.559
%RSD	24.238

#1	-22.424
#2	-31.700

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2319.0	32556.	4067.9	101.58	2552.4
Stddev	.4	83.	26.0	.18	.5
%RSD	.01690	.25535	.64005	.18180	.02026

#1	2318.8	32497.	4049.5	101.45	2552.1
#2	2319.3	32615.	4086.3	101.71	2552.8

Sample Name: ICV01 Acquired: 9/19/2018 11:22:41 Type: Unk
Method: P4-ICP2(v2442) 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	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0360	F 1.0796	1.0391	1.0596	1.0079	2.5559	.51539	.49242
Stddev	.0090	.0022	.0006	.0054	.0009	.0198	.00006	.00018
%RSD	.86523	.20461	.05472	.50547	.09164	.77406	.01241	.03561
#1	1.0297	1.0781	1.0395	1.0558	1.0085	2.5699	.51543	.49255
#2	1.0423	1.0812	1.0387	1.0634	1.0072	2.5419	.51534	.49230
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50895	10.349	.50776	.48973	.50002	5.0672	.51839	6.1797
Stddev	.00030	.018	.00053	.00090	.00054	.0386	.00016	.0133
%RSD	.05851	.16993	.10528	.18439	.10848	.76078	.03027	.21504
#1	.50916	10.361	.50738	.48909	.50040	5.0944	.51850	6.1703
#2	.50874	10.336	.50814	.49037	.49963	5.0399	.51828	6.1891
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49797	.51011	9.7834	.50680	1.0241	10.145	2.5749	2.5730
Stddev	.00010	.00021	.0656	.00243	.0055	.041	.0143	.0265
%RSD	.02091	.04070	.67069	.47852	.53940	.40487	.55486	1.0283
#1	.49789	.50996	9.7370	.50851	1.0202	10.174	2.5850	2.5543
#2	.49804	.51026	9.8298	.50508	1.0280	10.115	2.5648	2.5917
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .00745	2.4579	2.4763	2.6174	F .00833	F .0015	F .01222	F 2.3747
Stddev	.00423	.0084	.0039	.0227	.00628	.0000	.00002	.1220
%RSD	56.785	.34131	.15806	.86914	75.384	1.761	.18255	5.1370
#1	.01044	2.4520	2.4791	2.6335	.00389	.0015	.01221	2.4609
#2	.00446	2.4638	2.4735	2.6013	.01276	.0015	.01224	2.2884

Sample Name: ICV01 Acquired: 9/19/2018 11:22:41 Type: Unk
Method: P4-ICP2(v2442) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.1950
Stddev .2701
%RSD 12.305

#1 2.0040
#2 2.3860

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2414.7	33645.	4094.6	104.82	2883.5
Stddev	13.9	80.	17.4	.13	9.3
%RSD	.57708	.23793	.42395	.12156	.32423

#1	2404.8	33588.	4106.9	104.91	2876.9
#2	2424.6	33701.	4082.3	104.73	2890.2

Sample Name: LLICV01 Acquired: 9/19/2018 11:31:09 Type: Unk
Method: P4-ICP2(v2442) 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	.02202	.04563	.01384	.02326	.05702	.10475	.10799	.00624
Stddev	.00080	.00169	.00085	.00103	.00070	.00063	.00054	.00006
%RSD	3.6228	3.7118	6.1443	4.4186	1.2322	.60459	.49880	1.0346
#1	.02146	.04443	.01324	.02253	.05652	.10430	.10838	.00619
#2	.02258	.04682	.01445	.02399	.05752	.10520	.10761	.00629
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00611	2.1065	.01078	.03274	.02015	.09964	.02269	2.2257
Stddev	.00004	.0210	.00021	.00012	.00018	.00380	.00006	.0378
%RSD	.57533	.99863	1.9639	.35914	.91531	3.8095	.24322	1.6971
#1	.00609	2.0916	.01093	.03265	.02002	.09696	.02273	2.1990
#2	.00614	2.1213	.01063	.03282	.02029	.10233	.02265	2.2525
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04384	.01054	1.7052	.04620	.04403	1.9349	.21244	.10374
Stddev	.00004	.00017	.0116	.00020	.00026	.0163	.00111	.00357
%RSD	.08216	1.5812	.67837	.44035	.59007	.84008	.52394	3.4418
#1	.04381	.01066	1.6971	.04634	.04385	1.9464	.21323	.10626
#2	.04386	.01042	1.7134	.04606	.04422	1.9234	.21166	.10121
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01821	.43001	.04177	.04672	F .17903	.0175	.02088	F 2.2312
Stddev	.00410	.00608	.00010	.00157	.00095	.0003	.00016	.1188
%RSD	22.523	1.4128	.24668	3.3667	.52872	1.640	.77246	5.3231
#1	.02111	.43431	.04185	.04783	.17970	.0173	.02099	2.3152
#2	.01531	.42572	.04170	.04560	.17836	.0177	.02076	2.1472

Sample Name: LLICV01 Acquired: 9/19/2018 11:31:09 Type: Unk
 Method: P4-ICP2(v2442) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 1.2168
 Stddev .2354
 %RSD 19.343

#1 1.3833
 #2 1.0504

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2430.6	33948.	4105.1	106.75	2988.0
Stddev	13.3	181.	28.3	.53	9.7
%RSD	.54793	.53451	.69058	.49280	.32505

#1	2421.2	33819.	4085.0	107.12	2981.1
#2	2440.0	34076.	4125.1	106.38	2994.8

Sample Name: ICB01 Acquired: 9/19/2018 11:35:12 Type: Unk
Method: P4-ICP2(v2442) 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	.00073	.00137	.00050	-.00030	-.00042	-.00014	.00019	-.00001
Stddev	.00194	.00100	.00093	.00116	.00120	.00076	.00069	.00002
%RSD	265.60	73.224	187.78	390.87	285.87	536.70	371.68	146.41
#1	.00210	.00066	.00116	-.00111	-.00127	-.00068	-.00030	-.00003
#2	-.00064	.00207	-.00016	.00052	.00043	.00040	.00067	.00000
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	.01504	.00017	.00008	-.00032	.01044	-.00003	.03542
Stddev	.00003	.01564	.00021	.00027	.00024	.00124	.00000	.00605
%RSD	55.475	103.98	127.16	353.39	74.670	11.916	14.739	17.068
#1	-.00008	.02610	.00032	.00026	-.00049	.01132	-.00002	.03114
#2	-.00003	.00398	.00002	-.00011	-.00015	.00956	-.00003	.03969
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00075	-.00071	-.53408	.00018	-.00033	-.15745	-.00009	-.00309
Stddev	.00038	.00054	.00399	.00006	.00004	.00983	.00010	.00675
%RSD	50.444	75.929	.74673	33.359	13.587	6.2402	116.81	218.77
#1	.00102	-.00033	-.53690	.00022	-.00030	-.15050	-.00016	-.00786
#2	.00049	-.00110	-.53126	.00014	-.00036	-.16440	-.00002	.00169
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00205	-.00537	-.00006	.00352	-.00135	-.0003	.00019	F 2.5754
Stddev	.00252	.00300	.00004	.00006	.00145	.0023	.00005	.3018
%RSD	122.94	55.825	71.509	1.8248	107.07	710.1	28.316	11.717
#1	-.00027	-.00325	-.00003	.00348	-.00238	-.0020	.00015	2.3620
#2	-.00384	-.00749	-.00009	.00357	-.00033	.0013	.00023	2.7888

Sample Name: ICB01 Acquired: 9/19/2018 11:35:12 Type: Unk
Method: P4-ICP2(v2442) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 1.6455
Stddev	.2582
%RSD	15.690

#1	1.8281
#2	1.4630

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2431.3	34105.	4061.7	106.40	3012.9
Stddev	5.4	40.	1.7	1.80	8.1
%RSD	.22285	.11773	.04170	1.6902	.27037

#1	2427.5	34133.	4062.9	105.13	3007.2
#2	2435.2	34076.	4060.5	107.67	3018.7

Sample Name: CRI01 Acquired: 9/19/2018 11:48:19 Type: Unk
Method: P4-ICP2(v2442) 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	.02009	.04447	.01475	.02479	.05767	.10602	.11019	.00633
Stddev	.00351	.00076	.00024	.00065	.00322	.00332	.00095	.00002
%RSD	17.479	1.7172	1.6193	2.6222	5.5856	3.1310	.85938	.32171
#1	.01760	.04393	.01492	.02433	.05994	.10837	.10952	.00632
#2	.02257	.04501	.01458	.02525	.05539	.10367	.11086	.00635
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00632	2.1736	.01046	.03294	.02084	.10738	.02302	2.2198
Stddev	.00009	.0025	.00041	.00006	.00031	.02208	.00013	.0170
%RSD	1.4069	.11481	3.9526	.16922	1.5033	20.565	.55582	.76472
#1	.00638	2.1719	.01075	.03298	.02062	.09176	.02293	2.2078
#2	.00625	2.1754	.01017	.03290	.02106	.12299	.02311	2.2318
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04414	.01066	1.5935	.04474	.04694	2.0060	.21743	.11189
Stddev	.00025	.00049	.0299	.00002	.00055	.0019	.00056	.00446
%RSD	.55612	4.6125	1.8775	.04949	1.1623	.09401	.25526	3.9860
#1	.04397	.01031	1.5723	.04476	.04656	2.0073	.21704	.10874
#2	.04431	.01101	1.6146	.04473	.04733	2.0046	.21782	.11504
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01834	.46212	.04232	.04962	F .17769	.0191	.02136	F 3.2939
Stddev	.00397	.00990	.00125	.00219	.00804	.0035	.00001	.1267
%RSD	21.655	2.1423	2.9529	4.4104	4.5229	18.60	.03492	3.8449
#1	.01553	.45512	.04321	.05117	.17200	.0216	.02137	3.2043
#2	.02114	.46912	.04144	.04807	.18337	.0166	.02136	3.3834

Sample Name: CRI01 Acquired: 9/19/2018 11:48:19 Type: Unk
 Method: P4-ICP2(v2442) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 1.6030
 Stddev .0181
 %RSD 1.1309

#1 1.5901
 #2 1.6158

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2412.9	33721.	4039.7	106.06	2976.2
Stddev	3.3	31.	18.2	1.07	7.2
%RSD	.13527	.09224	.45168	1.0086	.24065

#1	2410.5	33699.	4052.6	106.82	2971.1
#2	2415.2	33743.	4026.8	105.31	2981.3

Sample Name: ICSA01 Acquired: 9/19/2018 11:52:23 Type: Unk
 Method: P4-ICP2(v2442) 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	.01230	-.00368	-.00004	-.01580	.01052	276.63	.00568	.00013
Stddev	.00340	.00002	.00278	.00248	.00120	.41	.00018	.00027
%RSD	27.630	.43692	7716.9	15.700	11.440	.14846	3.1329	207.45
#1	.00989	-.00369	.00193	-.01405	.01137	276.92	.00556	-.00006
#2	.01470	-.00367	-.00200	-.01756	.00967	276.34	.00581	.00032
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00140	240.84	.05435	.00040	.00347	96.463	.01476	258.60
Stddev	.00013	.79	.00058	.00034	.00047	.299	.00007	1.28
%RSD	9.4624	.32842	1.0699	86.397	13.442	.31009	.49158	.49473
#1	.00149	241.40	.05394	.00016	.00314	96.675	.01471	259.51
#2	.00131	240.28	.05476	.00064	.00380	96.252	.01481	257.70
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00539	-.00503	-.52245	.00143	-.00011	-.17133	-.00002	.06690
Stddev	.00107	.00026	.00802	.00090	.00018	.02026	.00003	.01298
%RSD	19.784	5.1827	1.5341	62.808	174.18	11.826	179.53	19.408
#1	-.00614	-.00522	-.52812	.00079	-.00023	-.15700	-.00004	.07608
#2	-.00463	-.00485	-.51679	.00206	.00002	-.18565	.00000	.05772
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01005	-.01163	.00837	.00111	F .04709	.0070	F .09972	F .39256
Stddev	.00054	.00169	.00097	.00043	.01699	.0021	.00052	.34425
%RSD	5.3969	14.517	11.646	38.497	36.078	30.12	.51903	87.692
#1	-.01044	-.01283	.00906	.00141	.03507	.0085	.10009	.63599
#2	-.00967	-.01044	.00768	.00081	.05910	.0055	.09936	.14914

Sample Name: ICSA01 Acquired: 9/19/2018 11:52:23 Type: Unk
Method: P4-ICP2(v2442) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 9.5555
Stddev .4690
%RSD 4.9085

#1 9.8871
#2 9.2238

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2225.2	30604.	3997.0	98.786	2389.9
Stddev	5.9	125.	15.7	.083	10.5
%RSD	.26466	.40815	.39286	.08411	.43884

#1	2221.0	30516.	3985.9	98.727	2382.5
#2	2229.4	30693.	4008.1	98.845	2397.3

Sample Name: ICSAB01 Acquired: 9/19/2018 11:56:30 Type: Unk
Method: P4-ICP2(v2442) 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	.11138	.11050	.05546	.04292	.63397	280.01	.53134	.55248
Stddev	.00106	.00044	.00001	.00279	.00343	2.90	.00292	.00108
%RSD	.94966	.39705	.00948	6.4976	.54105	1.0343	.54938	.19531

#1	.11212	.11019	.05546	.04489	.63640	282.06	.53340	.55172
#2	.11063	.11081	.05547	.04095	.63155	277.97	.52928	.55325

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0909	243.89	.57641	.51981	.49314	98.702	.54574	262.72
Stddev	.0021	.14	.00272	.00035	.00146	.196	.00051	1.07
%RSD	.19122	.05779	.47257	.06772	.29677	.19855	.09413	.40835

#1	1.0894	243.79	.57833	.52006	.49418	98.840	.54537	261.96
#2	1.0924	243.99	.57448	.51956	.49211	98.563	.54610	263.47

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0293	.19267	-.55629	.52052	1.0498	-.15988	.00146	.06783
Stddev	.0018	.00117	.00424	.00208	.0050	.05242	.00010	.01226
%RSD	.17914	.60543	.76241	.39870	.47874	32.786	6.7812	18.074

#1	1.0280	.19185	-.55329	.51905	1.0462	-.12282	.00153	.05916
#2	1.0306	.19350	-.55929	.52199	1.0533	-.19695	.00139	.07649

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00977	-.00378	.01153	.00202	F .04569	F .0104	.10086	F .45615
Stddev	.00242	.00083	.00005	.00103	.00557	.0003	.00035	.32224
%RSD	24.755	21.811	.42482	50.893	12.183	2.624	.34865	70.644

#1	-.00806	-.00437	.01157	.00129	.04176	.0102	.10111	.68400
#2	-.01148	-.00320	.01150	.00275	.04963	.0106	.10061	.22829

Sample Name: ICSAB01 Acquired: 9/19/2018 11:56:30 Type: Unk
Method: P4-ICP2(v2442) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 10.083
Stddev 1.705
%RSD 16.906

#1 11.289
#2 8.8778

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2212.1	30554.	3996.5	97.379	2382.5
Stddev	2.2	59.	22.8	.311	1.0
%RSD	.10116	.19232	.56954	.31942	.04218

#1	2210.5	30513.	4012.6	97.599	2381.7
#2	2213.7	30596.	3980.4	97.160	2383.2

Sample Name: CCV01 Acquired: 9/19/2018 12:00:29 Type: Unk
Method: P4-ICP2(v2442) 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	4.9723	4.9029	4.9121	5.0010	5.0412	10.229	10.120	.24977
Stddev	.0027	.0244	.0153	.0016	.0106	.048	.005	.00037
%RSD	.05431	.49698	.31229	.03247	.20975	.46924	.04776	.14733
#1	4.9704	4.8857	4.9012	4.9998	5.0337	10.263	10.123	.25003
#2	4.9742	4.9201	4.9229	5.0021	5.0487	10.195	10.116	.24951
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4556	24.998	.98316	2.4576	1.2371	4.7976	2.5312	24.888
Stddev	.0082	.080	.00179	.0082	.0006	.0962	.0030	.137
%RSD	.33423	.31899	.18197	.33330	.05103	2.0057	.11905	.55196
#1	2.4498	25.054	.98442	2.4518	1.2367	4.7295	2.5333	24.985
#2	2.4614	24.941	.98189	2.4634	1.2376	4.8656	2.5290	24.791
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4524	1.2320	24.829	2.4811	2.4577	25.256	5.0647	5.0250
Stddev	.0078	.0030	.056	.0027	.0467	.106	.0103	.0259
%RSD	.31763	.24097	.22619	.11019	1.8994	.42112	.20266	.51583
#1	2.4469	1.2341	24.790	2.4830	2.4247	25.181	5.0574	5.0433
#2	2.4579	1.2299	24.869	2.4791	2.4907	25.332	5.0719	5.0067
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8901	4.8660	4.8831	5.0053	F 4.5474	4.892	5.0530	F 3.9903
Stddev	.0260	.0178	.0286	.0237	.0000	.014	.0037	.3675
%RSD	.53157	.36534	.58551	.47307	.00028	.2928	.07360	9.2093
#1	4.8718	4.8535	4.8629	5.0220	4.5474	4.882	5.0504	3.7305
#2	4.9085	4.8786	4.9033	4.9885	4.5474	4.902	5.0556	4.2502

Sample Name: CCV01 Acquired: 9/19/2018 12:00:29 Type: Unk
Method: P4-ICP2(v2442) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 3.1450
Stddev	.1792
%RSD	5.6987

#1	3.0182
#2	3.2717

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2333.3	32557.	4015.1	103.89	2693.5
Stddev	2.3	59.	6.1	1.71	.1
%RSD	.09842	.18012	.15146	1.6437	.00280

#1	2331.7	32516.	4019.4	105.10	2693.5
#2	2335.0	32599.	4010.8	102.69	2693.6

Sample Name: CCB01 Acquired: 9/19/2018 12:04:15 Type: Unk
Method: P4-ICP2(v2442) 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	.00085	-.00064	-.00043	.00163	.00060	-.01058	.00022	.00003
Stddev	.00039	.00020	.00188	.00150	.00055	.01279	.00005	.00002
%RSD	45.815	30.594	436.77	91.825	91.934	120.83	23.501	55.140
#1	.00057	-.00078	.00090	.00057	.00099	-.01962	.00018	.00002
#2	.00112	-.00050	-.00176	.00269	.00021	-.00154	.00026	.00004
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.01988	-.00002	.00013	-.00010	.00192	-.00001	.03079
Stddev	.00004	.00994	.00049	.00010	.00011	.01309	.00006	.00975
%RSD	432.27	50.018	2183.7	80.413	106.58	681.62	618.97	31.653
#1	-.00002	.01285	.00032	.00020	-.00017	.01117	-.00005	.03768
#2	.00003	.02691	-.00037	.00005	-.00002	-.00733	.00003	.02390
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00074	-.00034	-.66833	.00017	-.00033	-.16883	-.00010	-.00039
Stddev	.00034	.00078	.00603	.00021	.00008	.00012	.00072	.00849
%RSD	46.446	229.46	.90294	127.39	23.905	.07387	741.85	2195.6
#1	.00099	-.00089	-.67260	.00002	-.00027	-.16891	-.00061	-.00639
#2	.00050	.00021	-.66406	.00032	-.00038	-.16874	.00041	.00562
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00345	-.00357	-.00022	.00203	-.00926	-.0008	.00012	F 3.6525
Stddev	.00395	.00341	.00033	.00016	.00224	.0016	.00006	.7956
%RSD	114.50	95.543	146.70	7.9633	24.221	214.5	47.752	21.784
#1	-.00625	-.00116	.00001	.00192	-.01084	-.0019	.00008	3.0898
#2	-.00066	-.00598	-.00046	.00215	-.00767	.0004	.00016	4.2151

Sample Name: CCB01 Acquired: 9/19/2018 12:04:15 Type: Unk
Method: P4-ICP2(v2442) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.9349
Stddev .2503
%RSD 12.936

#1 1.7579
#2 2.1119

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2399.8	33463.	3985.7	103.26	2978.5
Stddev	19.3	120.	27.4	3.28	18.5
%RSD	.80465	.35850	.68723	3.1807	.61952

#1	2386.1	33378.	3966.3	100.93	2965.4
#2	2413.4	33548.	4005.0	105.58	2991.5

Sample Name: J4936-09DLX10 Acquired: 9/19/2018 12:15:41 Type: Unk
Method: P4-ICP2(v2442) 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	.01264	-.00144	.27093	.00323	.00312	13.094	.19543	.00053
Stddev	.00105	.00324	.00010	.00213	.00199	.080	.00102	.00003
%RSD	8.3253	225.72	.03752	66.043	63.960	.60809	.52088	5.5997

#1	.01190	-.00373	.27085	.00473	.00452	13.038	.19615	.00051
#2	.01339	.00086	.27100	.00172	.00171	13.150	.19471	.00055

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01143	331.89	.02009	.00581	.17631	13.641	.40404	91.388
Stddev	.00003	.93	.00073	.00014	.00114	.542	.00077	.196
%RSD	.23148	.28038	3.6157	2.3995	.64450	3.9719	.19063	.21465

#1	.01145	332.55	.01958	.00591	.17711	13.258	.40349	91.249
#2	.01141	331.23	.02060	.00571	.17550	14.025	.40458	91.526

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01399	-.00140	-.25008	.02005	1.7909	.93452	.00024	.03009
Stddev	.00054	.00037	.00529	.00033	.0522	.03620	.00044	.00423
%RSD	3.8832	26.232	2.1149	1.6425	2.9162	3.8734	187.75	14.042

#1	.01437	-.00114	-.24634	.02029	1.7539	.90893	-.00008	.02711
#2	.01361	-.00166	-.25382	.01982	1.8278	.96012	.00055	.03308

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.9888	.09919	.00491	.53332	.15868	.5109	.65092	6.7609
Stddev	.0196	.00280	.00159	.00506	.00284	.0037	.00234	.0302
%RSD	.49005	2.8204	32.392	.94869	1.7871	.7239	.35965	.44694

#1	4.0026	.10117	.00379	.52974	.15668	.5135	.65258	6.7395
#2	3.9750	.09722	.00604	.53690	.16069	.5082	.64927	6.7823

Sample Name: J4936-09DLX10 Acquired: 9/19/2018 12:15:41 Type: Unk
Method: P4-ICP2(v2442) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 5.0967
Stddev .7520
%RSD 14.755

#1 4.5650
#2 5.6285

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2236.4	31375.	3995.2	95.708	2485.0
Stddev	4.0	4.	33.8	2.602	8.0
%RSD	.18055	.01158	.84546	2.7186	.32200

#1	2239.3	31372.	3971.3	97.548	2490.6
#2	2233.6	31377.	4019.1	93.869	2479.3

Sample Name: J4936-23DLX10 Acquired: 9/19/2018 12:19:40 Type: Unk
Method: P4-ICP2(v2442) 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	.03362	-.00560	4.8889	.00271	.03363	28.660	1.3103
Stddev	.00447	.00251	.0077	.00022	.00224	.094	.0019
%RSD	13.287	44.771	.15783	8.1647	6.6730	.32820	.14433

#1	.03046	-.00383	4.8834	.00287	.03204	28.593	1.3089
#2	.03678	-.00737	4.8943	.00255	.03522	28.726	1.3116

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01531	.01434	48.789	2.4761	.16211	6.6451	104.84
Stddev	.00005	.00037	.157	.0090	.00019	.0065	1.46
%RSD	.33019	2.5615	.32186	.36349	.11642	.09738	1.3939

#1	.01528	.01408	48.678	2.4825	.16197	6.6405	105.88
#2	.01535	.01460	48.900	2.4697	.16224	6.6497	103.81

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1105	33.813	.73709	.03951	.22600	1.3263	10.567
Stddev	.0025	.088	.00084	.00033	.00361	.0030	.132
%RSD	.22397	.26079	.11461	.83770	1.5985	.22938	1.2468

#1	1.1122	33.751	.73649	.03928	.22856	1.3241	10.660
#2	1.1087	33.875	.73769	.03974	.22345	1.3284	10.474

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.71373	.01701	.11482	2.4571	.19400	.13406	2.1826
Stddev	.00913	.00024	.01809	.0037	.00297	.00137	.0006
%RSD	1.2797	1.3958	15.758	.14876	1.5307	1.0239	.02796

#1	.72018	.01718	.12761	2.4545	.19190	.13503	2.1831
#2	.70727	.01685	.10202	2.4597	.19610	.13309	2.1822

Sample Name: J4936-23DLX10 Acquired: 9/19/2018 12:19:40 Type: Unk
 Method: P4-ICP2(v2442) 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	.10024	.7991	.08867	F<.00000	6.3371
Stddev	.00186	.0038	.00007	.29904	.5273
%RSD	1.8512	.4693	.08342	7.6237	8.3205

#1	.09893	.8017	.08872	-3.7111	5.9643
#2	.10155	.7964	.08861	-4.1340	6.7099

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2314.3	32940.	4168.0	104.71	2718.7
Stddev	6.7	143.	14.2	1.42	3.7
%RSD	.28757	.43275	.33974	1.3552	.13770

#1	2309.6	32839.	4178.0	103.71	2716.0
#2	2319.0	33041.	4158.0	105.72	2721.3

Sample Name: J4936-27DLX10 Acquired: 9/19/2018 12:23:36 Type: Unk
Method: P4-ICP2(v2442) 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	.01389	-.01213	2.5056	-.01593	.02356	46.677	.30345
Stddev	.00467	.00052	.0053	.00771	.00200	.193	.00051
%RSD	33.586	4.3255	.21113	48.414	8.4924	.41398	.16653

#1	.01719	-.01176	2.5019	-.01048	.02497	46.813	.30380
#2	.01059	-.01250	2.5093	-.02138	.02214	46.540	.30309

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00083	.02693	111.12	4.5880	.34377	1.3856	171.26
Stddev	.00006	.00032	.27	.0100	.00022	.0046	1.97
%RSD	6.9425	1.2041	.24743	.21736	.06545	.33433	1.1508

#1	.00087	.02670	110.92	4.5810	.34393	1.3823	172.65
#2	.00079	.02716	111.31	4.5951	.34361	1.3889	169.87

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.6103	95.574	1.2301	-.00829	.16173	3.0919	16.031
Stddev	.0022	.333	.0003	.00006	.00602	.0009	.211
%RSD	.13446	.34880	.02702	.74063	3.7227	.02866	1.3132

#1	1.6118	95.338	1.2299	-.00825	.15747	3.0912	16.179
#2	1.6087	95.809	1.2304	-.00834	.16599	3.0925	15.882

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06223	-.00204	.11782	1.2210	.16141	.03083	4.7535
Stddev	.00556	.00032	.02615	.0123	.00647	.00232	.0012
%RSD	8.9303	15.859	22.198	1.0069	4.0085	7.5226	.02613

#1	.05830	-.00227	.13631	1.2297	.16599	.03247	4.7526
#2	.06616	-.00181	.09932	1.2123	.15684	.02919	4.7544

Sample Name: J4936-27DLX10 Acquired: 9/19/2018 12:23:36 Type: Unk
 Method: P4-ICP2(v2442) 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	.09809	2.004	.27135	F<.00000	3.6939
Stddev	.00206	.005	.00014	.30458	.7644
%RSD	2.0963	.2305	.05064	3.9695	20.693

#1	.09954	2.008	.27144	-7.4578	3.1534
#2	.09664	2.001	.27125	-7.8885	4.2344

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2245.6	32001.	4048.0	100.25	2549.9
Stddev	7.1	173.	1.7	1.51	10.1
%RSD	.31746	.54024	.04286	1.5024	.39543

#1	2240.6	31879.	4049.2	99.181	2542.8
#2	2250.7	32124.	4046.8	101.31	2557.0

Sample Name: J4936-31DLX10 Acquired: 9/19/2018 12:27:31 Type: Unk
Method: P4-ICP2(v2442) 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	.07388	-.00074	2.9006	.00243	.01461	12.003	.45677	.00692
Stddev	.00206	.00138	.0135	.00220	.00042	.045	.00136	.00002
%RSD	2.7875	186.85	.46639	90.785	2.8442	.37483	.29673	.29220

#1	.07534	-.00171	2.9102	.00398	.01490	11.971	.45581	.00690
#2	.07243	.00024	2.8910	.00087	.01432	12.035	.45772	.00693

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01760	162.18	.27129	.04215	2.7421	45.780	.59578	93.390
Stddev	.00010	.43	.00036	.00029	.0096	.232	.00036	.412
%RSD	.55176	.26528	.13453	.69287	.34975	.50646	.05985	.44126

#1	.01767	162.49	.27155	.04236	2.7489	45.944	.59553	93.682
#2	.01753	161.88	.27103	.04195	2.7353	45.616	.59603	93.099

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.39203	.00033	-.04637	.14200	9.2552	.62263	.01657	.09831
Stddev	.00181	.00047	.01216	.00049	.1432	.00739	.00014	.00569
%RSD	.46233	143.88	26.217	.34533	1.5475	1.1867	.85007	5.7908

#1	.39331	.00067	-.05497	.14165	9.3564	.61741	.01647	.09429
#2	.39075	-.00001	-.03778	.14235	9.1539	.62786	.01667	.10234

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2591	.34326	.21904	.49095	.12326	.8286	.11527	2.4810
Stddev	.0141	.00112	.00225	.00051	.00245	.0008	.00027	.1922
%RSD	1.1222	.32629	1.0263	.10472	1.9856	.0919	.23175	7.7470

#1	1.2691	.34247	.21745	.49059	.12499	.8292	.11545	2.6169
#2	1.2491	.34405	.22063	.49131	.12153	.8281	.11508	2.3451

Sample Name: J4936-31DLX10 Acquired: 9/19/2018 12:27:31 Type: Unk
Method: P4-ICP2(v2442) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 10.478
Stddev .382
%RSD 3.6451

#1 10.748
#2 10.208

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2281.8	32081.	4072.0	99.676	2567.0
Stddev	8.1	54.	29.6	1.678	16.7
%RSD	.35624	.16812	.72661	1.6831	.64932

#1	2276.0	32043.	4051.1	98.490	2555.2
#2	2287.5	32119.	4092.9	100.86	2578.7

Sample Name: J4936-35DLX10 Acquired: 9/19/2018 12:31:28 Type: Unk
Method: P4-ICP2(v2442) 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	.05938	-.00365	9.6167	.01167	.15449	19.123	.99440
Stddev	.00352	.00051	.0244	.00048	.00172	.020	.00528
%RSD	5.9274	14.084	.25396	4.1201	1.1128	.10451	.53076

#1	.06187	-.00329	9.5994	.01201	.15571	19.137	.99067
#2	.05690	-.00402	9.6340	.01133	.15328	19.109	.99814

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00911	.02431	17.213	.42060	.06337	4.9626	56.409
Stddev	.00011	.00017	.081	.00108	.00002	.0002	1.409
%RSD	1.2148	.69911	.46868	.25713	.02983	.00446	2.4985

#1	.00919	.02443	17.156	.41984	.06338	4.9628	55.413
#2	.00903	.02419	17.270	.42137	.06335	4.9625	57.406

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.80028	9.6390	.76598	.01414	-.01926	.17878	13.174
Stddev	.00076	.0803	.00070	.00049	.00224	.00113	.313
%RSD	.09436	.83279	.09085	3.4590	11.644	.63272	2.3755

#1	.80081	9.5823	.76647	.01380	-.02085	.17958	12.952
#2	.79974	9.6958	.76548	.01449	-.01768	.17798	13.395

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2013	.02383	.12089	1.4459	.14488	.38464	.75741
Stddev	.0126	.00025	.01109	.0068	.00396	.00034	.00194
%RSD	1.0503	1.0317	9.1704	.46857	2.7356	.08966	.25572

#1	1.1924	.02366	.11306	1.4411	.14208	.38488	.75878
#2	1.2103	.02401	.12873	1.4507	.14768	.38440	.75604

Sample Name: J4936-35DLX10 Acquired: 9/19/2018 12:31:28 Type: Unk
 Method: P4-ICP2(v2442) 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	.12610	1.057	.07227	F<.00000	7.2941
Stddev	.00074	.003	.00041	.27133	.7089
%RSD	.58975	.2698	.57082	17.194	9.7183

#1	.12558	1.055	.07256	-1.3862	7.7954
#2	.12663	1.059	.07198	-1.7699	6.7929

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2451.1	34628.	4309.1	105.93	2832.8
Stddev	5.0	143.	13.8	2.17	6.0
%RSD	.20307	.41423	.32056	2.0500	.21048

#1	2447.6	34526.	4318.9	107.47	2828.6
#2	2454.6	34729.	4299.4	104.40	2837.1

Sample Name: J4901-02 Acquired: 9/19/2018 12:35:22 Type: Unk
Method: P4-ICP2(v2442) 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	.00471	-.00031	.00818	.00563	-.00307	-.05136	.02382	.00018
Stddev	.00413	.00028	.00065	.00262	.00164	.00036	.00116	.00005
%RSD	87.734	91.074	7.9506	46.508	53.366	.69355	4.8691	26.210

#1	.00763	-.00050	.00864	.00378	-.00191	-.05161	.02464	.00015
#2	.00179	-.00011	.00772	.00748	-.00423	-.05111	.02300	.00021

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00040	90.066	-.00114	.00058	.00250	-.01068	.01728	240.17
Stddev	.00010	.261	.00058	.00067	.00030	.00200	.00005	.14
%RSD	24.716	.28987	50.913	114.69	11.804	18.739	.26304	.05987

#1	-.00033	90.250	-.00155	.00011	.00271	-.00926	.01724	240.07
#2	-.00047	89.881	-.00073	.00106	.00229	-.01209	.01731	240.28

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00321	-.00038	1748.7	.00199	-.00025	81.020	.00236	.81861
Stddev	.00002	.00047	12.7	.00038	.00002	.003	.00034	.01439
%RSD	.59232	122.42	.72427	19.055	6.8529	.00373	14.427	1.7576

#1	-.00322	-.00005	1757.7	.00226	-.00024	81.018	.00260	.80844
#2	-.00319	-.00072	1739.7	.00172	-.00026	81.022	.00212	.82879

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	197.62	.94944	-.07005	.00091	.31064	.1042	1.4397	7.0442
Stddev	.37	.00654	.00094	.00044	.00380	.0062	.0001	.3322
%RSD	.18743	.68869	1.3469	48.080	1.2248	5.924	.00476	4.7158

#1	197.36	.95406	-.07072	.00060	.31333	.0999	1.4397	6.8093
#2	197.89	.94481	-.06938	.00122	.30795	.1086	1.4398	7.2791

Sample Name: J4901-02 Acquired: 9/19/2018 12:35:22 Type: Unk
Method: P4-ICP2(v2442) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 6.6869
Stddev .1918
%RSD 2.8689

#1 6.5513
#2 6.8226

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2150.1	29511.	4075.6	103.08	2240.9
Stddev	2.4	5.	6.3	.56	4.8
%RSD	.10953	.01683	.15363	.53928	.21204

#1	2151.7	29515.	4071.2	103.47	2244.3
#2	2148.4	29508.	4080.0	102.68	2237.6

Sample Name: J4901-03 Acquired: 9/19/2018 12:39:29 Type: Unk
Method: P4-ICP2(v2442) 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	.00458	.00291	.00594	.00239	-.00188	-.05061	.02338	.00015
Stddev	.00198	.00209	.00059	.00255	.00124	.01118	.00016	.00003
%RSD	43.182	71.800	9.9287	106.59	65.861	22.087	.69400	23.004

#1	.00598	.00143	.00635	.00420	-.00276	-.05852	.02326	.00017
#2	.00318	.00438	.00552	.00059	-.00100	-.04271	.02349	.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00036	89.777	-.00203	.00043	.00182	-.02491	.01608	240.07
Stddev	.00000	.084	.00026	.00004	.00025	.01539	.00010	.65
%RSD	.92148	.09376	12.652	9.9598	13.520	61.778	.60182	.26970

#1	-.00036	89.718	-.00222	.00040	.00199	-.01403	.01601	240.53
#2	-.00036	89.837	-.00185	.00046	.00165	-.03580	.01615	239.62

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00289	-.00008	1732.7	.00158	-.00027	81.552	.00191	.83088
Stddev	.00009	.00000	29.8	.00066	.00005	.175	.00012	.01095
%RSD	3.1782	4.6080	1.7189	41.993	20.026	.21489	6.0947	1.3179

#1	-.00282	-.00008	1753.8	.00205	-.00031	81.428	.00199	.83862
#2	-.00295	-.00008	1711.7	.00111	-.00023	81.676	.00182	.82313

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	200.93	.94789	-.07371	.00064	.31454	.1066	1.4517	6.6870
Stddev	.70	.00229	.00050	.00013	.00175	.0053	.0024	.0175
%RSD	.34732	.24117	.67947	19.880	.55658	4.979	.16590	.26173

#1	201.42	.94627	-.07335	.00055	.31577	.1028	1.4500	6.6746
#2	200.43	.94950	-.07406	.00073	.31330	.1103	1.4534	6.6994

Sample Name: J4901-03 Acquired: 9/19/2018 12:39:29 Type: Unk
Method: P4-ICP2(v2442) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 6.4312
Stddev .1138
%RSD 1.7690

#1 6.5116
#2 6.3507

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2147.7	29783.	4145.5	102.96	2239.9
Stddev	7.7	106.	12.5	2.79	8.5
%RSD	.35724	.35453	.30095	2.7138	.38086

#1	2142.3	29858.	4154.3	104.94	2233.8
#2	2153.1	29708.	4136.7	100.99	2245.9

Sample Name: J4901-04 Acquired: 9/19/2018 12:43:35 Type: Unk
Method: P4-ICP2(v2442) 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	.00506	.00242	.00654	.00483	-.00174	-.03548	.02385	.00015
Stddev	.00340	.00019	.00237	.00684	.00147	.02894	.00023	.00006
%RSD	67.163	7.6635	36.188	141.71	84.422	81.567	.96271	38.650

#1	.00747	.00229	.00487	-.00001	-.00070	-.05594	.02401	.00019
#2	.00266	.00256	.00822	.00966	-.00278	-.01501	.02368	.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00039	88.610	-.00100	.00073	.00238	-.01344	.01360	236.11
Stddev	.00011	.136	.00098	.00020	.00011	.00163	.00017	.25
%RSD	28.838	.15336	98.502	27.787	4.6234	12.103	1.2589	.10670

#1	-.00046	88.706	-.00169	.00088	.00246	-.01229	.01348	235.93
#2	-.00031	88.514	-.00030	.00059	.00231	-.01459	.01372	236.29

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00234	-.00027	1667.1	.00214	-.00044	80.273	.00173	.79912
Stddev	.00001	.00044	17.9	.00084	.00002	.125	.00044	.01478
%RSD	.35205	160.65	1.0766	39.416	5.0478	.15530	25.301	1.8491

#1	-.00233	.00004	1654.4	.00274	-.00045	80.361	.00142	.80957
#2	-.00234	-.00058	1679.8	.00154	-.00042	80.185	.00204	.78867

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	198.56	.91730	-.07261	.00044	.31426	.1024	1.4325	7.2556
Stddev	.41	.00121	.00101	.00020	.01460	.0004	.0014	.2465
%RSD	.20827	.13140	1.3945	46.451	4.6444	.4395	.10061	3.3975

#1	198.85	.91644	-.07333	.00058	.32458	.1027	1.4335	7.4299
#2	198.26	.91815	-.07190	.00029	.30394	.1020	1.4315	7.0813

Sample Name: J4901-04 Acquired: 9/19/2018 12:43:35 Type: Unk
Method: P4-ICP2(v2442) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 6.3432
Stddev .2425
%RSD 3.8225

#1 6.5147
#2 6.1718

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2146.2	29557.	4167.2	106.64	2235.9
Stddev	4.8	13.	4.0	2.25	3.4
%RSD	.22385	.04326	.09487	2.1068	.15062

#1	2142.8	29548.	4170.0	105.05	2233.5
#2	2149.6	29566.	4164.4	108.23	2238.2

Sample Name: J4901-05 Acquired: 9/19/2018 12:47:41 Type: Unk
Method: P4-ICP2(v2442) 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	.00628	.00009	.00774	.00721	-.00199	-.04515	.02270	.00019
Stddev	.00024	.00190	.00065	.00100	.00061	.01235	.00001	.00017
%RSD	3.7894	2207.8	8.4279	13.879	30.833	27.350	.05044	88.372

#1	.00611	-.00126	.00728	.00650	-.00242	-.03641	.02269	.00031
#2	.00645	.00143	.00820	.00792	-.00156	-.05388	.02271	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00035	92.124	-.00098	.00036	.00246	-.02192	.00628	248.64
Stddev	.00029	.715	.00007	.00025	.00047	.00121	.00007	1.19
%RSD	82.371	.77559	6.8477	68.192	19.093	5.5304	1.1017	.47941

#1	-.00015	92.629	-.00093	.00054	.00213	-.02278	.00623	249.48
#2	-.00055	91.619	-.00103	.00019	.00279	-.02106	.00633	247.80

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00276	-.00063	1722.3	.00186	-.00018	84.618	.00187	.83665
Stddev	.00093	.00066	13.1	.00065	.00016	.003	.00006	.00764
%RSD	33.625	104.29	.75857	35.091	86.024	.00396	3.2983	.91279

#1	-.00342	-.00109	1731.5	.00140	-.00007	84.620	.00183	.84205
#2	-.00210	-.00017	1713.1	.00232	-.00029	84.616	.00191	.83125

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	208.84	.93696	-.07500	-.00010	.33723	.1042	1.4996	7.2248
Stddev	.24	.01011	.00143	.00006	.00471	.0027	.0092	.0396
%RSD	.11617	1.0793	1.9123	60.484	1.3968	2.603	.61083	.54861

#1	208.67	.92981	-.07602	-.00014	.33390	.1023	1.5060	7.2528
#2	209.01	.94411	-.07399	-.00006	.34056	.1062	1.4931	7.1968

Sample Name: J4901-05 Acquired: 9/19/2018 12:47:41 Type: Unk
 Method: P4-ICP2(v2442) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 6.3715
 Stddev .1053
 %RSD 1.6530

#1 6.4460
 #2 6.2970

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2125.7	29520.	4115.7	102.13	2214.7
Stddev	3.9	6.	24.3	.44	2.2
%RSD	.18351	.02046	.59096	.43093	.09724

#1	2122.9	29515.	4098.5	101.81	2216.2
#2	2128.5	29524.	4132.9	102.44	2213.2

Sample Name: J4901-06 Acquired: 9/19/2018 12:51:48 Type: Unk
Method: P4-ICP2(v2442) 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	.00395	.00285	.00852	.00365	-.00181	-.05562	.02304	.00021
Stddev	.00086	.00032	.00190	.00274	.00051	.01370	.00042	.00011
%RSD	21.704	11.194	22.360	75.159	28.121	24.631	1.8111	52.091

#1	.00455	.00263	.00717	.00171	-.00217	-.06530	.02333	.00028
#2	.00334	.00308	.00986	.00559	-.00145	-.04593	.02274	.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00033	89.048	-.00109	.00016	.00259	-.03159	.00661	238.24
Stddev	.00005	.531	.00025	.00006	.00015	.00487	.00007	.44
%RSD	16.643	.59646	23.174	37.470	5.8610	15.411	1.1310	.18520

#1	-.00036	89.423	-.00127	.00012	.00248	-.03503	.00666	237.93
#2	-.00029	88.672	-.00091	.00020	.00270	-.02815	.00656	238.56

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00302	-.00106	1653.5	.00212	.00008	80.730	.00231	.83002
Stddev	.00003	.00011	47.3	.00014	.00003	.769	.00014	.00854
%RSD	.89774	10.664	2.8604	6.7076	38.871	.95239	5.9305	1.0287

#1	-.00300	-.00098	1686.9	.00222	.00010	81.274	.00221	.82398
#2	-.00303	-.00114	1620.0	.00202	.00006	80.187	.00241	.83606

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	199.70	.91605	-.07027	.00140	.31662	.1043	1.4326	7.1672
Stddev	.22	.01168	.00161	.00230	.00182	.0008	.0102	.0667
%RSD	.11131	1.2750	2.2848	164.07	.57515	.7346	.71321	.93019

#1	199.86	.92431	-.07140	-.00022	.31791	.1049	1.4398	7.2143
#2	199.54	.90779	-.06913	.00303	.31533	.1038	1.4254	7.1201

Sample Name: J4901-06 Acquired: 9/19/2018 12:51:48 Type: Unk
 Method: P4-ICP2(v2442) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 6.2793
 Stddev .4854
 %RSD 7.7309

#1 6.6225
 #2 5.9360

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2122.2	29482.	4161.9	106.12	2218.2
Stddev	5.2	62.	30.4	1.03	6.9
%RSD	.24420	.20937	.73049	.96926	.31143

#1	2118.6	29438.	4140.4	106.85	2213.3
#2	2125.9	29525.	4183.4	105.39	2223.0

Sample Name: CCV02 Acquired: 9/19/2018 12:55:55 Type: Unk
Method: P4-ICP2(v2442) 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	4.9474	4.7702	4.8124	5.0016	5.0499	10.358	9.9981	.23992
Stddev	.0191	.0134	.0098	.0137	.0276	.111	.0599	.00005
%RSD	.38631	.28057	.20397	.27359	.54594	1.0672	.59934	.01934
#1	4.9609	4.7797	4.8055	5.0113	5.0694	10.436	9.9557	.23995
#2	4.9338	4.7607	4.8193	4.9919	5.0305	10.280	10.040	.23988
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3921	23.978	.95626	2.4039	1.2226	4.7418	2.4400	23.845
Stddev	.0019	.009	.00398	.0019	.0007	.0679	.0022	.129
%RSD	.08008	.03560	.41580	.08046	.06086	1.4314	.09097	.54171
#1	2.3908	23.984	.95907	2.4026	1.2231	4.6938	2.4415	23.753
#2	2.3935	23.972	.95345	2.4053	1.2221	4.7898	2.4384	23.936
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3878	1.1969	25.109	2.3906	2.3359	25.284	5.0209	4.8800
Stddev	.0054	.0033	.309	.0048	.0757	.198	.0232	.0270
%RSD	.22531	.27328	1.2321	.20055	3.2402	.78496	.46163	.55236
#1	2.3840	1.1946	24.890	2.3940	2.2824	25.144	5.0373	4.8609
#2	2.3917	1.1992	25.327	2.3872	2.3895	25.424	5.0045	4.8990
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8405	4.5559	4.7614	4.8968	4.6101	4.838	4.9663	F 2.6737
Stddev	.0172	.0804	.0054	.0070	.0038	.006	.0350	.1237
%RSD	.35582	1.7639	.11270	.14393	.08256	.1325	.70396	4.6254
#1	4.8284	4.4991	4.7576	4.9017	4.6074	4.842	4.9416	2.7612
#2	4.8527	4.6128	4.7652	4.8918	4.6128	4.833	4.9910	2.5863

Sample Name: CCV02 Acquired: 9/19/2018 12:55:55 Type: Unk
Method: P4-ICP2(v2442) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3.8183
Stddev .2203
%RSD 5.7682

#1 3.9740
#2 3.6626

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2406.4	34410.	4391.7	111.32	2796.8
Stddev	19.6	107.	45.9	3.05	13.3
%RSD	.81500	.31104	1.0458	2.7439	.47597

#1	2392.5	34335.	4424.2	113.48	2787.4
#2	2420.3	34486.	4359.3	109.16	2806.2

Sample Name: CCB02 Acquired: 9/19/2018 12:59:39 Type: Unk
Method: P4-ICP2(v2442) 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	.00133	.00100	-.00051	.00066	-.00011	-.00952	-.00165	.00006
Stddev	.00028	.00089	.00240	.00012	.00175	.01006	.00002	.00005
%RSD	21.031	89.013	471.21	18.302	1536.1	105.66	1.0791	77.090

#1	.00153	.00037	.00119	.00057	.00112	-.00241	-.00164	.00009
#2	.00113	.00163	-.00221	.00074	-.00135	-.01663	-.00166	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	.00636	.00043	-.00014	-.00003	-.00354	-.00009	.02477
Stddev	.00003	.01441	.00009	.00026	.00041	.00056	.00000	.02472
%RSD	38.375	226.45	19.983	189.63	1331.6	15.891	2.5698	99.760

#1	-.00009	-.00383	.00037	-.00032	-.00032	-.00314	-.00009	.00730
#2	-.00005	.01656	.00049	.00005	.00026	-.00393	-.00008	.04225

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00115	-.00039	F .86126	.00024	-.00049	.16894	.00018	.00767
Stddev	.00017	.00067	.01196	.00038	.00001	.00289	.00004	.00131
%RSD	14.744	170.56	1.3890	161.70	1.9267	1.7118	23.117	17.039

#1	.00127	-.00087	.86972	-.00003	-.00050	.17099	.00015	.00860
#2	.00103	.00008	.85280	.00051	-.00048	.16690	.00021	.00675

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00137	-.00308	-.00061	.00370	F .01930	-.0012	.00033	F 1.8889
Stddev	.00095	.00038	.00040	.00057	.00745	.0018	.00004	.0502
%RSD	69.079	12.179	64.552	15.380	38.615	152.2	12.701	2.6570

#1	.00070	-.00335	-.00089	.00329	.01403	-.0024	.00036	1.8534
#2	.00204	-.00282	-.00033	.00410	.02457	.0001	.00030	1.9244

Sample Name: CCB02 Acquired: 9/19/2018 12:59:39 Type: Unk
Method: P4-ICP2(v2442) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.8225
Stddev .3789
%RSD 20.788

#1 2.0904
#2 1.5546

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2458.1	35152.	4349.8	112.84	3084.1
Stddev	1.7	127.	45.5	1.95	4.1
%RSD	.07095	.36062	1.0463	1.7276	.13134

#1	2456.9	35062.	4317.6	114.21	3081.2
#2	2459.3	35242.	4381.9	111.46	3086.9

Sample Name: J4901-07 Acquired: 9/19/2018 13:03:43 Type: Unk
Method: P4-ICP2(v2442) 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	.00736	.00049	.00481	.00533	-.00106	-.03815	.02291	.00014
Stddev	.00047	.00143	.00097	.00372	.00038	.00763	.00006	.00001
%RSD	6.3813	289.88	20.118	69.755	36.145	19.989	.24870	5.1328

#1	.00769	-.00052	.00413	.00270	-.00079	-.04354	.02287	.00014
#2	.00703	.00150	.00550	.00796	-.00133	-.03276	.02295	.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00035	84.160	-.00150	.00012	.00252	-.02368	.00729	219.85
Stddev	.00003	.570	.00028	.00011	.00001	.00902	.00003	.48
%RSD	8.4004	.67737	18.787	87.474	.48891	38.087	.43174	.21800

#1	-.00037	83.757	-.00130	.00020	.00251	-.01730	.00731	220.19
#2	-.00033	84.564	-.00170	.00005	.00253	-.03006	.00727	219.51

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00278	-.00014	1595.8	.00177	-.00030	74.537	.00189	.75562
Stddev	.00037	.00019	11.7	.00043	.00006	.540	.00009	.00299
%RSD	13.373	134.76	.73552	24.154	19.052	.72404	4.5389	.39585

#1	-.00252	-.00027	1604.1	.00207	-.00034	74.155	.00195	.75350
#2	-.00305	-.00001	1587.5	.00147	-.00026	74.919	.00183	.75773

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	182.94	.91474	-.06582	-.00071	.28373	.0980	1.3345	7.4238
Stddev	.01	.01498	.00090	.00096	.01274	.0011	.0110	.2835
%RSD	.00655	1.6381	1.3659	135.03	4.4888	1.128	.82123	3.8184

#1	182.95	.90414	-.06518	-.00003	.29273	.0988	1.3268	7.6242
#2	182.93	.92533	-.06645	-.00139	.27472	.0972	1.3423	7.2233

Sample Name: J4901-07 Acquired: 9/19/2018 13:03:43 Type: Unk
 Method: P4-ICP2(v2442) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 6.1431
 Stddev .2505
 %RSD 4.0776

#1 5.9660
 #2 6.3202

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2157.5	29869.	4185.4	106.25	2261.3
Stddev	.9	1.	17.7	.66	4.7
%RSD	.04173	.00311	.42335	.62206	.20582

#1	2156.9	29870.	4197.9	106.71	2264.6
#2	2158.2	29869.	4172.9	105.78	2258.0

Sample Name: J4901-08 Acquired: 9/19/2018 13:07:51 Type: Unk
Method: P4-ICP2(v2442) 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	.00789	.00182	.00794	.00062	.00029	-.04886	.02268	.00013
Stddev	.00319	.00292	.00050	.00064	.00212	.00769	.00075	.00005
%RSD	40.473	160.60	6.3430	102.33	729.90	15.730	3.3220	36.148

#1	.00563	-.00025	.00829	.00107	-.00121	-.04342	.02321	.00017
#2	.01014	.00388	.00758	.00017	.00179	-.05429	.02214	.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00030	90.065	-.00122	.00043	.00254	-.01511	.00598	241.92
Stddev	.00019	.205	.00072	.00004	.00028	.00324	.00014	1.01
%RSD	63.514	.22780	58.828	10.150	11.144	21.422	2.3835	.41869

#1	-.00016	90.210	-.00172	.00046	.00234	-.01740	.00608	241.20
#2	-.00043	89.920	-.00071	.00040	.00274	-.01282	.00588	242.63

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00256	.00001	1694.5	.00144	-.00034	82.258	.00192	.81628
Stddev	.00054	.00055	26.4	.00069	.00002	.091	.00032	.01329
%RSD	20.978	10413.	1.5559	47.742	5.3505	.11095	16.448	1.6280

#1	-.00294	-.00038	1713.2	.00192	-.00036	82.323	.00170	.82567
#2	-.00218	.00039	1675.9	.00095	-.00033	82.194	.00214	.80688

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	202.20	.94143	-.07209	.00037	.31098	.1054	1.4642	7.1204
Stddev	.49	.00612	.00141	.00104	.01051	.0040	.0025	.1132
%RSD	.24244	.64979	1.9584	278.40	3.3796	3.836	.17263	1.5904

#1	201.85	.93711	-.07109	-.00036	.31841	.1083	1.4660	7.2005
#2	202.55	.94576	-.07309	.00111	.30355	.1026	1.4624	7.0403

Sample Name: J4901-08 Acquired: 9/19/2018 13:07:51 Type: Unk
 Method: P4-ICP2(v2442) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 6.6303
 Stddev .1904
 %RSD 2.8712

#1 6.7649
 #2 6.4956

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2129.4	29458.	4153.6	104.57	2227.7
Stddev	6.8	56.	3.1	.66	4.2
%RSD	.31901	.18916	.07519	.62807	.18788

#1	2134.2	29419.	4155.8	104.11	2230.7
#2	2124.6	29498.	4151.4	105.04	2224.7

Sample Name: J4901-09 Acquired: 9/19/2018 13:11:59 Type: Unk
Method: P4-ICP2(v2442) 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	.00898	.00102	.00662	.00590	-.00067	-.05525	.02196	.00011
Stddev	.00031	.00145	.00047	.00128	.00224	.01155	.00029	.00012
%RSD	3.4779	142.32	7.0782	21.630	334.43	20.914	1.3337	102.52

#1	.00876	-.00001	.00695	.00680	.00091	-.04708	.02216	.00019
#2	.00920	.00205	.00629	.00500	-.00225	-.06342	.02175	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00023	85.220	-.00100	.00023	.00225	-.02138	.00653	225.29
Stddev	.00011	2.104	.00067	.00028	.00082	.00092	.00003	5.57
%RSD	44.979	2.4693	67.463	123.95	36.527	4.2859	.40970	2.4709

#1	-.00016	86.708	-.00052	.00043	.00284	-.02073	.00651	229.23
#2	-.00031	83.733	-.00147	.00003	.00167	-.02203	.00655	221.36

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00267	-.00036	1562.8	.00229	-.00037	77.109	.00206	.77649
Stddev	.00064	.00054	49.0	.00002	.00005	1.796	.00002	.01437
%RSD	23.940	148.49	3.1323	.79569	13.759	2.3288	.85134	1.8509

#1	-.00222	.00002	1597.4	.00228	-.00034	78.379	.00205	.78665
#2	-.00312	-.00074	1528.1	.00230	-.00041	75.839	.00208	.76632

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	193.53	.89819	-.06839	-.00012	.29481	.1053	1.3739	7.1340
Stddev	.80	.02761	.00251	.00034	.01871	.0003	.0366	.0454
%RSD	.41401	3.0741	3.6644	276.27	6.3472	.2600	2.6667	.63600

#1	194.09	.91772	-.07016	-.00036	.30804	.1055	1.3998	7.1019
#2	192.96	.87867	-.06662	.00012	.28158	.1051	1.3480	7.1661

Sample Name: J4901-09 Acquired: 9/19/2018 13:11:59 Type: Unk
Method: P4-ICP2(v2442) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 6.1540
Stddev .5643
%RSD 9.1688

#1 5.7550
#2 6.5530

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2127.5	29525.	4240.9	107.48	2224.9
Stddev	3.3	44.	83.1	1.76	4.5
%RSD	.15499	.14937	1.9603	1.6396	.20180

#1	2125.2	29494.	4182.1	106.24	2221.7
#2	2129.9	29557.	4299.7	108.73	2228.0

Sample Name: J4901-10 Acquired: 9/19/2018 13:16:08 Type: Unk
Method: P4-ICP2(v2442) 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	.00734	.00170	.00673	.00171	-.00462	-.04162	.02327	.00017
Stddev	.00089	.00131	.00153	.00046	.00002	.00838	.00026	.00012
%RSD	12.173	77.415	22.687	27.178	.37076	20.135	1.1232	67.142

#1	.00797	.00077	.00781	.00203	-.00461	-.03569	.02309	.00009
#2	.00671	.00262	.00565	.00138	-.00464	-.04754	.02346	.00025

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00038	85.773	-.00146	.00064	.00199	-.02118	.00600	224.59
Stddev	.00007	.202	.00013	.00014	.00097	.00441	.00004	.35
%RSD	17.952	.23499	8.8225	21.641	48.778	20.829	.60962	.15792

#1	-.00033	85.915	-.00155	.00055	.00131	-.01806	.00602	224.84
#2	-.00043	85.630	-.00137	.00074	.00268	-.02430	.00597	224.34

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00287	-.00056	1562.3	.00196	.00121	77.108	.00165	.76515
Stddev	.00006	.00002	18.5	.00052	.00010	.037	.00058	.00700
%RSD	2.1658	3.4331	1.1810	26.593	8.0155	.04832	35.198	.91467

#1	-.00291	-.00055	1575.4	.00233	.00128	77.135	.00124	.77009
#2	-.00282	-.00058	1549.3	.00159	.00114	77.082	.00206	.76020

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	190.28	.94533	-.06724	-.00236	.29945	.0929	1.3796	6.8505
Stddev	.34	.00751	.00106	.00036	.00286	.0006	.0051	.2623
%RSD	.18008	.79467	1.5720	15.206	.95593	.6399	.36828	3.8284

#1	190.03	.94002	-.06799	-.00261	.29742	.0925	1.3832	6.6651
#2	190.52	.95064	-.06650	-.00211	.30147	.0933	1.3761	7.0360

Sample Name: J4901-10 Acquired: 9/19/2018 13:16:08 Type: Unk
 Method: P4-ICP2(v2442) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 6.3727
 Stddev .8220
 %RSD 12.898

#1 5.7915
 #2 6.9540

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2110.6	29594.	4161.8	105.01	2216.0
Stddev	2.5	10.	6.2	.22	4.7
%RSD	.11868	.03251	.14824	.21179	.21177

#1	2108.9	29601.	4157.4	105.17	2219.3
#2	2112.4	29587.	4166.2	104.86	2212.7

Sample Name: J4901-11 Acquired: 9/19/2018 13:20:15 Type: Unk
Method: P4-ICP2(v2442) 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	.00531	-.00086	.00723	.00574	-.00158	-.08094	.02297	.00007
Stddev	.00020	.00181	.00197	.00264	.00016	.00657	.00008	.00002
%RSD	3.8367	210.27	27.268	46.029	9.8502	8.1118	.35353	21.565
#1	.00517	-.00215	.00584	.00387	-.00147	-.07630	.02291	.00006
#2	.00546	.00042	.00862	.00761	-.00169	-.08559	.02303	.00008
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00020	90.113	-.00143	.00010	.00244	-.02766	.00607	243.90
Stddev	.00006	.364	.00044	.00008	.00060	.01737	.00006	1.07
%RSD	32.266	.40339	30.443	80.078	24.644	62.788	.97718	.43709
#1	-.00025	89.856	-.00174	.00015	.00202	-.03994	.00611	244.65
#2	-.00015	90.370	-.00112	.00004	.00287	-.01538	.00603	243.14
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00273	-.00035	1640.4	.00240	-.00005	82.819	.00231	.82292
Stddev	.00065	.00074	4.6	.00072	.00017	.409	.00028	.00524
%RSD	23.906	208.74	.28086	29.841	373.22	.49356	12.098	.63695
#1	-.00227	.00017	1643.6	.00291	-.00017	82.530	.00251	.82662
#2	-.00319	-.00087	1637.1	.00190	.00007	83.108	.00211	.81921
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	205.87	.92777	-.07418	-.00124	.31221	.1058	1.4732	6.9939
Stddev	1.08	.01148	.00046	.00372	.02164	.0008	.0018	.0374
%RSD	.52248	1.2377	.62555	299.49	6.9310	.7165	.12077	.53508
#1	206.63	.91965	-.07385	.00139	.32751	.1063	1.4720	7.0204
#2	205.11	.93589	-.07451	-.00388	.29690	.1052	1.4745	6.9674

Sample Name: J4901-11 Acquired: 9/19/2018 13:20:15 Type: Unk
 Method: P4-ICP2(v2442) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 6.3112
 Stddev .1367
 %RSD 2.1661

#1 6.4079
 #2 6.2145

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2105.7	29261.	4161.8	105.40	2199.2
Stddev	2.4	28.	34.2	1.63	3.8
%RSD	.11165	.09647	.82187	1.5509	.17087

#1	2104.0	29281.	4186.0	106.56	2196.6
#2	2107.4	29241.	4137.6	104.24	2201.9

Sample Name: J4901-12 Acquired: 9/19/2018 13:24:21 Type: Unk
Method: P4-ICP2(v2442) 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	.00760	.00184	.00651	.00185	-.00386	-.06024	.02326	.00006
Stddev	.00025	.00380	.00036	.00277	.00010	.00649	.00002	.00007
%RSD	3.3468	205.84	5.5742	149.67	2.4936	10.772	.10041	107.41

#1	.00742	.00453	.00677	-.00011	-.00393	-.06483	.02328	.00001
#2	.00778	-.00084	.00626	.00381	-.00379	-.05565	.02324	.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00025	88.621	-.00150	.00025	.00258	-.01958	.00647	236.75
Stddev	.00001	.752	.00009	.00014	.00078	.00334	.00010	.66
%RSD	2.5971	.84877	5.8880	54.862	30.225	17.068	1.4772	.27785

#1	-.00025	89.153	-.00144	.00015	.00313	-.02194	.00641	237.21
#2	-.00024	88.089	-.00157	.00035	.00203	-.01721	.00654	236.28

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00300	-.00014	1616.7	.00175	-.00038	80.881	.00187	.79785
Stddev	.00013	.00013	18.9	.00014	.00011	.310	.00034	.00410
%RSD	4.3897	90.161	1.1693	7.7084	27.946	.38335	18.153	.51416

#1	-.00309	-.00005	1630.1	.00166	-.00045	81.101	.00163	.79495
#2	-.00290	-.00024	1603.3	.00185	-.00030	80.662	.00211	.80075

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	202.70	.92672	-.07321	-.00099	.30397	.1049	1.4424	7.4206
Stddev	4.37	.00514	.00204	.00061	.01357	.0062	.0085	.0507
%RSD	2.1535	.55439	2.7913	61.631	4.4638	5.930	.59218	.68318

#1	199.61	.92309	-.07176	-.00056	.31356	.1005	1.4484	7.4565
#2	205.79	.93036	-.07465	-.00142	.29437	.1093	1.4363	7.3848

Sample Name: J4901-12 Acquired: 9/19/2018 13:24:21 Type: Unk
Method: P4-ICP2(v2442) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 6.2233
Stddev .6968
%RSD 11.197

#1 6.7160
#2 5.7306

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2085.1	29392.	4151.2	103.77	2177.6
Stddev	35.2	1.	14.3	.39	33.5
%RSD	1.6866	.00324	.34487	.37838	1.5384

#1	2110.0	29393.	4141.1	103.50	2201.3
#2	2060.3	29392.	4161.4	104.05	2153.9

Sample Name: J4901-13 Acquired: 9/19/2018 13:28:26 Type: Unk
Method: P4-ICP2(v2442) 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	.00823	.00269	.00732	.00544	-.00245	-.05499	.02285	.00011
Stddev	.00084	.00065	.00233	.00312	.00040	.00424	.00019	.00005
%RSD	10.254	24.267	31.784	57.346	16.375	7.7173	.81334	44.737

#1	.00763	.00223	.00568	.00324	-.00217	-.05799	.02298	.00014
#2	.00883	.00315	.00897	.00765	-.00273	-.05199	.02272	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00030	89.414	-.00168	.00026	.00231	-.01806	.00641	239.01
Stddev	.00001	.261	.00019	.00012	.00059	.01266	.00008	.71
%RSD	4.3362	.29160	11.432	44.032	25.768	70.076	1.1727	.29650

#1	-.00031	89.230	-.00181	.00034	.00189	-.00911	.00636	238.50
#2	-.00029	89.598	-.00154	.00018	.00273	-.02701	.00646	239.51

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00299	-.00005	1625.2	.00169	-.00032	81.950	.00226	.81708
Stddev	.00079	.00120	24.1	.00034	.00001	.337	.00052	.01057
%RSD	26.324	2214.3	1.4834	20.410	3.7440	.41154	23.107	1.2936

#1	-.00355	-.00090	1642.2	.00144	-.00033	81.711	.00189	.80961
#2	-.00243	.00079	1608.1	.00193	-.00031	82.188	.00263	.82456

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	201.88	.92527	-.07412	-.00173	.30510	.1054	1.4628	7.3270
Stddev	.44	.00310	.00157	.00164	.01473	.0048	.0027	.0699
%RSD	.21767	.33469	2.1146	94.991	4.8277	4.566	.18632	.95396

#1	202.19	.92308	-.07523	-.00057	.29468	.1088	1.4609	7.2776
#2	201.57	.92746	-.07301	-.00289	.31551	.1020	1.4648	7.3765

Sample Name: J4901-13 Acquired: 9/19/2018 13:28:26 Type: Unk
 Method: P4-ICP2(v2442) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 6.1955
 Stddev .2635
 %RSD 4.2526

#1 6.3818
 #2 6.0092

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2103.1	29344.	4152.4	102.99	2200.3
Stddev	.8	36.	15.5	.26	2.2
%RSD	.03838	.12123	.37342	.25663	.10107

#1	2102.5	29369.	4163.3	103.18	2198.7
#2	2103.6	29319.	4141.4	102.81	2201.8

Sample Name: J4901-14 Acquired: 9/19/2018 13:32:32 Type: Unk
Method: P4-ICP2(v2442) 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	.00541	.00291	.01198	.00433	-.00346	-.07004	.02282	.00007
Stddev	.00069	.00182	.00045	.00183	.00222	.00182	.00036	.00008
%RSD	12.697	62.536	3.7377	42.260	64.196	2.6023	1.5942	109.00

#1	.00492	.00420	.01166	.00303	-.00189	-.06876	.02308	.00013
#2	.00590	.00162	.01229	.00562	-.00503	-.07133	.02257	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00041	96.098	-.00115	.00054	.00229	-.02182	.00360	264.26
Stddev	.00003	.974	.00016	.00026	.00099	.01445	.00002	4.36
%RSD	6.1457	1.0140	13.737	49.211	43.490	66.226	.52800	1.6512

#1	-.00039	96.787	-.00104	.00072	.00158	-.01160	.00359	267.35
#2	-.00043	95.409	-.00126	.00035	.00299	-.03203	.00362	261.18

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00267	-.00017	1755.8	.00206	-.00004	90.729	.00212	.91586
Stddev	.00019	.00001	37.8	.00008	.00006	.897	.00044	.02316
%RSD	7.0421	2.9987	2.1541	3.6767	132.86	.98815	20.848	2.5292

#1	-.00281	-.00018	1782.5	.00200	-.00008	91.363	.00181	.89948
#2	-.00254	-.00017	1729.0	.00211	-.00000	90.096	.00244	.93224

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	228.22	.93339	-.08207	.00109	.36026	.1114	1.6092	7.5283
Stddev	.64	.00728	.00104	.00105	.00639	.0016	.0173	.4872
%RSD	.28213	.77971	1.2625	96.176	1.7724	1.459	1.0727	6.4716

#1	228.67	.93854	-.08281	.00035	.36478	.1125	1.6214	7.8728
#2	227.76	.92824	-.08134	.00183	.35575	.1103	1.5970	7.1838

Sample Name: J4901-14 Acquired: 9/19/2018 13:32:32 Type: Unk
Method: P4-ICP2(v2442) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 6.9569
Stddev .3455
%RSD 4.9663

#1 7.2012
#2 6.7126

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2075.0	28961.	4139.9	104.07	2153.5
Stddev	3.3	32.	27.0	2.19	2.0
%RSD	.15688	.10981	.65303	2.1029	.09191

#1	2072.7	28938.	4120.7	102.52	2152.1
#2	2077.3	28983.	4159.0	105.62	2154.9

Sample Name: J4901-15 Acquired: 9/19/2018 13:36:39 Type: Unk
Method: P4-ICP2(v2442) 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	.00496	.00133	.00767	.00336	-.00076	-.06248	.02244	.00013
Stddev	.00117	.00095	.00265	.00001	.00041	.00974	.00066	.00011
%RSD	23.660	71.364	34.493	.21272	53.492	15.595	2.9413	85.415

#1	.00413	.00200	.00580	.00336	-.00105	-.06937	.02290	.00021
#2	.00578	.00066	.00954	.00337	-.00047	-.05559	.02197	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00018	94.737	-.00166	.00048	.00234	-.02333	.00420	259.97
Stddev	.00014	.489	.00028	.00027	.00090	.02050	.00012	.48
%RSD	75.388	.51601	17.009	55.763	38.565	87.870	2.7780	.18383

#1	-.00009	94.391	-.00146	.00067	.00298	-.03782	.00428	259.63
#2	-.00028	95.082	-.00186	.00029	.00170	-.00883	.00412	260.31

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00285	-.00040	1719.7	.00150	-.00001	88.928	.00270	.87532
Stddev	.00036	.00046	36.2	.00086	.00005	.430	.00025	.00335
%RSD	12.720	114.34	2.1050	57.147	905.37	.48304	9.3941	.38314

#1	-.00311	-.00073	1745.3	.00090	-.00004	88.624	.00252	.87769
#2	-.00260	-.00008	1694.1	.00211	.00003	89.232	.00288	.87295

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	219.99	.94520	-.07879	-.00159	.33014	.1120	1.5810	7.4381
Stddev	.62	.00768	.00104	.00010	.00475	.0002	.0067	.1674
%RSD	.28029	.81283	1.3254	6.0207	1.4380	.1432	.42702	2.2503

#1	220.43	.93977	-.07953	-.00153	.33350	.1121	1.5763	7.3198
#2	219.55	.95064	-.07805	-.00166	.32679	.1119	1.5858	7.5565

Sample Name: J4901-15 Acquired: 9/19/2018 13:36:39 Type: Unk
Method: P4-ICP2(v2442) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 5.9856
Stddev .5509
%RSD 9.2036

#1 5.5960
#2 6.3751

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2086.8	29075.	4130.0	103.07	2170.2
Stddev	.9	59.	22.4	2.65	2.6
%RSD	.04416	.20379	.54284	2.5696	.11912

#1	2086.1	29117.	4145.9	104.94	2168.4
#2	2087.4	29033.	4114.2	101.20	2172.0

Sample Name: J4901-16 Acquired: 9/19/2018 13:40:45 Type: Unk
Method: P4-ICP2(v2442) 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	.00719	.00100	.00539	.00345	-.00252	-.05682	.02313	.00021
Stddev	.00361	.00287	.00074	.00029	.00213	.01285	.00008	.00002
%RSD	50.199	287.43	13.729	8.2733	84.344	22.614	.35473	10.495

#1	.00974	.00303	.00487	.00324	-.00102	-.04774	.02307	.00022
#2	.00464	-.00103	.00592	.00365	-.00403	-.06591	.02319	.00019

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00033	87.655	-.00064	.00019	.00265	-.02354	.00663	235.45
Stddev	.00001	.705	.00046	.00011	.00016	.00093	.00004	.52
%RSD	1.9282	.80377	71.686	56.855	5.9702	3.9341	.57396	.22019

#1	-.00033	87.156	-.00097	.00027	.00254	-.02288	.00665	235.08
#2	-.00032	88.153	-.00032	.00012	.00276	-.02419	.00660	235.82

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00304	.00006	1585.5	.00134	-.00039	79.549	.00171	.79253
Stddev	.00018	.00047	2.7	.00030	.00002	.672	.00044	.00837
%RSD	5.8317	726.30	.16838	22.679	3.8979	.84510	26.027	1.0556

#1	-.00317	.00039	1583.7	.00156	-.00038	79.074	.00139	.78661
#2	-.00292	-.00026	1587.4	.00113	-.00040	80.025	.00202	.79844

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	198.96	.91347	-.07049	-.00025	.29899	.1026	1.4278	7.3518
Stddev	.58	.01445	.00051	.00143	.00392	.0033	.0093	.1646
%RSD	.28988	1.5818	.72740	564.35	1.3124	3.241	.65138	2.2394

#1	199.37	.90325	-.07086	-.00126	.29621	.1003	1.4212	7.2354
#2	198.55	.92368	-.07013	.00076	.30176	.1050	1.4343	7.4683

Sample Name: J4901-16 Acquired: 9/19/2018 13:40:45 Type: Unk
Method: P4-ICP2(v2442) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 6.0905
Stddev .9956
%RSD 16.347

#1 6.7945
#2 5.3865

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2092.9	29333.	4170.7	103.27	2185.0
Stddev	6.8	32.	44.8	2.24	2.3
%RSD	.32674	.10869	1.0739	2.1664	.10415

#1	2088.1	29356.	4202.4	104.86	2183.4
#2	2097.8	29311.	4139.1	101.69	2186.6

Sample Name: CCV03 Acquired: 9/19/2018 13:44:52 Type: Unk
Method: P4-ICP2(v2442) 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	5.1810	4.9508	5.0187	5.2084	5.2742	10.647	10.376	.24978
Stddev	.0115	.0129	.0126	.0082	.0222	.028	.025	.00025
%RSD	.22147	.26146	.25023	.15678	.42166	.26555	.24145	.09941

#1	5.1729	4.9600	5.0275	5.2027	5.2899	10.627	10.394	.24961
#2	5.1891	4.9416	5.0098	5.2142	5.2585	10.667	10.358	.24996

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4865	24.617	.99981	2.5111	1.2734	4.8642	2.5328	24.594
Stddev	.0005	.050	.00417	.0028	.0010	.0987	.0068	.039
%RSD	.02047	.20318	.41666	.11315	.08158	2.0287	.26866	.15689

#1	2.4869	24.653	.99687	2.5131	1.2741	4.9340	2.5280	24.567
#2	2.4861	24.582	1.0028	2.5091	1.2727	4.7944	2.5376	24.621

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4821	1.2458	26.949	2.4735	2.4097	26.337	5.2406	4.9525
Stddev	.0010	.0033	.019	.0058	.0419	.038	.0183	.0279
%RSD	.04168	.26525	.06945	.23371	1.7401	.14530	.34955	.56272

#1	2.4813	1.2481	26.962	2.4694	2.4393	26.364	5.2536	4.9722
#2	2.4828	1.2434	26.936	2.4776	2.3800	26.310	5.2277	4.9328

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0691	4.7295	4.9656	5.0729	4.7794	5.041	5.2018	F 3.5148
Stddev	.0005	.0059	.0009	.0030	.0294	.010	.0134	.1594
%RSD	.00911	.12396	.01730	.05907	.61511	.2034	.25753	4.5355

#1	5.0688	4.7337	4.9663	5.0750	4.8002	5.048	5.2113	3.4020
#2	5.0695	4.7254	4.9650	5.0708	4.7586	5.034	5.1923	3.6275

Sample Name: CCV03 Acquired: 9/19/2018 13:44:52 Type: Unk
 Method: P4-ICP2(v2442) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 3.4297
 Stddev .0033
 %RSD .09593

#1 3.4321
 #2 3.4274

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2316.3	33337.	4276.3	108.48	2692.5
Stddev	12.9	37.	2.7	2.17	12.8
%RSD	.55903	.11151	.06225	2.0002	.47496

#1	2307.1	33363.	4274.5	106.94	2683.4
#2	2325.4	33311.	4278.2	110.01	2701.5

Sample Name: CCB03 Acquired: 9/19/2018 14:10:25 Type: Unk
Method: P4-ICP2(v2442) 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	-.00057	-.00107	-.00150	.00108	.00059	-.00583	-.00177	-.00003
Stddev	.00051	.00089	.00022	.00367	.00156	.00351	.00023	.00005
%RSD	89.625	83.043	14.474	339.17	264.84	60.262	12.896	150.93

#1	-.00094	-.00044	-.00166	-.00151	-.00051	-.00831	-.00161	-.00007
#2	-.00021	-.00170	-.00135	.00368	.00169	-.00334	-.00193	.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	-.00549	-.00014	-.00021	.00011	.00848	-.00007	.02756
Stddev	.00014	.00450	.00009	.00005	.00052	.00635	.00002	.02229
%RSD	303.34	82.026	65.041	25.031	462.57	74.817	24.976	80.899

#1	-.00014	-.00867	-.00021	-.00025	.00048	.01297	-.00006	.04332
#2	.00005	-.00230	-.00008	-.00018	-.00026	.00399	-.00008	.01179

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00168	.00008	.39627	.00032	-.00051	.08330	-.00009	.00571
Stddev	.00009	.00076	.01885	.00015	.00005	.01414	.00012	.00113
%RSD	5.1355	987.29	4.7578	45.988	10.322	16.971	133.27	19.860

#1	.00162	.00061	.38294	.00042	-.00055	.07330	-.00001	.00651
#2	.00175	-.00046	.40960	.00022	-.00047	.09330	-.00017	.00491

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00160	-.00643	.00009	.00252	-.01945	.0005	.00026	3.0088
Stddev	.00526	.00245	.00049	.00002	.01155	.0003	.00004	.2671
%RSD	329.78	38.133	527.64	.65644	59.355	58.06	16.899	8.8773

#1	.00532	-.00816	.00044	.00250	-.02762	.0003	.00023	3.1977
#2	-.00212	-.00469	-.00025	.00253	-.01129	.0006	.00029	2.8200

Sample Name: CCB03 Acquired: 9/19/2018 14:10:25 Type: Unk
 Method: P4-ICP2(v2442) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.8174
 Stddev .0952
 %RSD 5.2388

#1 1.7501
 #2 1.8847

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2389.0	34495.	4279.1	109.21	3005.7
Stddev	8.2	97.	22.5	.58	16.7
%RSD	.34437	.28256	.52617	.53514	.55690

#1	2394.9	34426.	4263.1	108.80	3017.5
#2	2383.2	34564.	4295.0	109.63	2993.8

Sample Name: PB113003BL Acquired: 9/19/2018 14:14:30 Type: Unk
Method: P4-ICP2(v2442) 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	.00211	-.00079	-.00140	.00215	.00007	-.02096	-.00217	-.00006
Stddev	.00169	.00054	.00052	.00084	.00176	.00339	.00011	.00006
%RSD	80.089	68.624	36.764	38.996	2630.0	16.181	5.2245	87.588

#1	.00331	-.00118	-.00104	.00156	.00131	-.01857	-.00209	-.00010
#2	.00092	-.00041	-.00177	.00274	-.00118	-.02336	-.00225	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.00384	-.00024	.00005	.00023	-.00276	-.00007	.02484
Stddev	.00001	.00653	.00086	.00020	.00041	.00651	.00002	.01390
%RSD	18.643	169.88	357.93	437.63	180.55	236.15	24.140	55.975

#1	-.00004	.00077	.00037	.00018	-.00006	-.00736	-.00008	.01501
#2	-.00003	-.00846	-.00084	-.00009	.00052	.00185	-.00006	.03467

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00162	-.00022	.11424	.00021	-.00038	.00419	-.00001	.00507
Stddev	.00011	.00045	.02441	.00024	.00008	.02730	.00059	.00427
%RSD	6.6314	207.40	21.363	118.11	21.383	652.07	8048.1	84.304

#1	.00155	-.00053	.09698	.00003	-.00032	-.01511	-.00043	.00205
#2	.00170	.00010	.13150	.00038	-.00044	.02349	.00041	.00809

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00089	-.00660	-.00034	.00240	-.03158	-.0023	.00028	3.3486
Stddev	.00021	.00182	.00034	.00013	.01639	.0030	.00005	.0688
%RSD	23.075	27.595	99.510	5.5719	51.893	131.6	16.971	2.0544

#1	.00104	-.00532	-.00058	.00231	-.04317	-.0002	.00025	3.3972
#2	.00075	-.00789	-.00010	.00250	-.01999	-.0044	.00031	3.2999

Sample Name: PB113003BL Acquired: 9/19/2018 14:14:30 Type: Unk
Method: P4-ICP2(v2442) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.7468
Stddev .6229
%RSD 35.656

#1 1.3064
#2 2.1873

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2374.5	34344.	4308.9	109.85	2992.7
Stddev	1.9	91.	1.5	1.29	5.6
%RSD	.08158	.26403	.03521	1.1699	.18727

#1	2373.2	34409.	4307.9	110.76	2996.6
#2	2375.9	34280.	4310.0	108.94	2988.7

Sample Name: PB113003BS Acquired: 9/19/2018 14:18:34 Type: Unk
Method: P4-ICP2(v2442) 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	.80388	1.9899	1.0005	2.0305	.83395	2.0903	.21212	.18787	.19616
Stddev	.01174	.0023	.0034	.0037	.00424	.0092	.00029	.00061	.00053
%RSD	1.4600	.11771	.33728	.18005	.50821	.43844	.13671	.32501	.26938
#1	.79558	1.9883	.99812	2.0331	.83095	2.0968	.21191	.18744	.19579
#2	.81217	1.9916	1.0029	2.0279	.83694	2.0838	.21232	.18831	.19654
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0585	.40230	.19537	.30189	3.0110	.21143	2.0687	.48383	.06998
Stddev	.0127	.00060	.00017	.00110	.0167	.00010	.0637	.00011	.00044
%RSD	1.1998	.14857	.08835	.36347	.55466	.04865	3.0811	.02204	.62246
#1	1.0496	.40188	.19549	.30111	2.9992	.21150	2.0236	.48390	.06967
#2	1.0675	.40273	.19525	.30266	3.0228	.21136	2.1137	.48375	.07029
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	2.9348	.30492	.20065	10.304	.43829	.29952	.00067	.88844	.66088
Stddev	.0150	.00450	.00297	.009	.00130	.00512	.00280	.01118	.00227
%RSD	.51233	1.4760	1.4783	.08564	.29584	1.7099	418.55	1.2582	.34393
#1	2.9241	.30810	.19855	10.298	.43921	.29590	-.00131	.88054	.66249
#2	2.9454	.30174	.20275	10.310	.43738	.30314	.00265	.89635	.65928
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.21058	1.7904	5.143	.20752	3.5223	.31500			
Stddev	.00148	.0121	.015	.00099	.1838	.19041			
%RSD	.70202	.67824	.2948	.47730	5.2189	60.447			
#1	.20954	1.7990	5.132	.20682	3.3924	.18036			
#2	.21163	1.7818	5.154	.20822	3.6523	.44964			

Sample Name: PB113003BS Acquired: 9/19/2018 14:18:34 Type: Unk
Method: P4-ICP2(v2442) 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	2311.6	34013.	4261.0	108.61	2887.7
Stddev	9.8	132.	49.1	.78	13.5
%RSD	.42589	.38912	1.1513	.71765	.46636
#1	2304.7	33920.	4295.7	109.16	2878.2
#2	2318.6	34107.	4226.4	108.06	2897.3

Sample Name: J4929-13 Acquired: 9/19/2018 14:22:26 Type: Unk
Method: P4-ICP2(v2442) 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	.33147	-.69013	2.9815	.15398	.02934	810.61	4.3425
Stddev	.00584	.02732	.0150	.01377	.00162	6.40	.0153
%RSD	1.7616	3.9581	.50477	8.9414	5.5195	.78994	.35333

#1	.32734	-.67082	2.9708	.14425	.02819	806.08	4.3533
#2	.33560	-.70945	2.9921	.16372	.03048	815.13	4.3316

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04238	.63492	91.003	.54745	1.9717	-.72225	F 2813.1
Stddev	.00023	.00321	.297	.00256	.0109	.02078	39.6
%RSD	.55346	.50553	.32663	.46730	.55182	2.8775	1.4094

#1	.04221	.63719	90.793	.54564	1.9640	-.70755	2785.0
#2	.04255	.63265	91.213	.54926	1.9794	-.73694	2841.1

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.8333	96.216	4.6071	.22534	21.920	.90317	8.8281
Stddev	.0190	.514	.0329	.00415	.043	.00106	.1809
%RSD	.27730	.53412	.71361	1.8427	.19404	.11732	2.0489

#1	6.8199	95.852	4.5838	.22240	21.950	.90392	8.7002
#2	6.8467	96.579	4.6303	.22828	21.890	.90242	8.9560

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	40.509	-.00193	4.5735	154.49	14.003	.54719	7.4490
Stddev	.062	.00017	.0589	.82	.020	.00832	.0181
%RSD	.15345	8.9386	1.2875	.53318	.14261	1.5205	.24368

#1	40.465	-.00205	4.5319	153.91	13.989	.54130	7.4362
#2	40.553	-.00181	4.6152	155.07	14.017	.55307	7.4618

Sample Name: J4929-13 Acquired: 9/19/2018 14:22:26 Type: Unk
 Method: P4-ICP2(v2442) 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	3.8894	F 143.2	.52807	F<.00000	^ *****
Stddev	.0089	.5	.00107	.21922	-----
%RSD	.23023	.3825	.20190	.06280	-----

#1	3.8830	142.8	.52732	-348.94	^ -----
#2	3.8957	143.6	.52883	-349.25	-342.18

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	8142.2	121250.	18586.	89.232	1186.4
Stddev	1.7	27.	12.	1.632	2.6
%RSD	.02046	.02201	.06277	1.8287	.22070

#1	8141.0	121270.	18577.	90.386	1188.2
#2	8143.4	121240.	18594.	88.078	1184.5

Sample Name: J4956-02 Acquired: 9/19/2018 14:26:44 Type: Unk
Method: P4-ICP2(v2442) 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	.00332	-.00047	.00186	.00544	-.00158	1.5560	.05247	.00002
Stddev	.00063	.00091	.00164	.00103	.00034	.0008	.00152	.00000
%RSD	18.901	194.76	88.095	18.872	21.508	.05342	2.8999	15.601

#1	.00287	-.00111	.00070	.00471	-.00134	1.5565	.05139	.00002
#2	.00376	.00018	.00302	.00617	-.00182	1.5554	.05354	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	26.211	.00150	.00068	.00851	1.1995	.12723	4.3837
Stddev	.00007	.461	.00004	.00006	.00081	.0235	.00086	.0128
%RSD	175.60	1.7596	2.9088	9.2912	9.5165	1.9566	.67620	.29278

#1	.00001	25.885	.00147	.00073	.00908	1.1829	.12662	4.3927
#2	-.00009	26.537	.00153	.00064	.00794	1.2161	.12784	4.3746

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00216	-.00055	61.671	.00289	.02056	3.1610	.00002	.30140
Stddev	.00041	.00048	.604	.00004	.00016	.0211	.00016	.00808
%RSD	19.101	86.601	.97913	1.3693	.79541	.66913	676.41	2.6808

#1	.00187	-.00089	61.244	.00292	.02045	3.1460	.00014	.30712
#2	.00245	-.00021	62.098	.00287	.02068	3.1759	-.00009	.29569

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.7268	5.8830	-.00077	.06437	-.01840	.1580	.14249	4.2074
Stddev	.0006	.0793	.00002	.00198	.00214	.0021	.00094	.1621
%RSD	.00654	1.3479	2.1443	3.0747	11.601	1.324	.65733	3.8532

#1	8.7264	5.8269	-.00079	.06297	-.01991	.1595	.14183	4.0927
#2	8.7272	5.9391	-.00076	.06577	-.01689	.1565	.14316	4.3220

Sample Name: J4956-02 Acquired: 9/19/2018 14:26:44 Type: Unk
 Method: P4-ICP2(v2442) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.4197
 Stddev .3067
 %RSD 12.674

#1 2.6365
 #2 2.2028

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2273.4	33045.	4295.5	108.31	2743.9
Stddev	5.6	41.	59.2	.89	6.6
%RSD	.24585	.12402	1.3777	.82247	.24180

#1	2269.5	33074.	4337.4	108.94	2739.2
#2	2277.4	33016.	4253.7	107.68	2748.6

Sample Name: J4957-01 Acquired: 9/19/2018 14:30:44 Type: Unk
Method: P4-ICP2(v2442) 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	.04458	-.00602	.46204	.00676	.01092	21.549	.46382	.00086
Stddev	.00362	.00096	.00128	.00324	.00130	.152	.00139	.00006
%RSD	8.1301	15.974	.27619	47.905	11.924	.70364	.30063	6.8450

#1	.04715	-.00670	.46114	.00905	.01000	21.442	.46481	.00091
#2	.04202	-.00534	.46294	.00447	.01184	21.656	.46284	.00082

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00137	187.37	.05198	.01920	.22826	30.419	.59591	35.060
Stddev	.00007	.04	.00020	.00015	.00082	.035	.00206	.073
%RSD	5.2479	.02356	.38284	.78448	.35897	.11489	.34605	.20805

#1	.00142	187.33	.05212	.01910	.22884	30.394	.59445	35.111
#2	.00132	187.40	.05184	.01931	.22768	30.443	.59737	35.008

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03946	-.00149	767.57	.09326	.66027	71.821	.14416	.47674
Stddev	.00028	.00046	4.30	.00059	.00332	.047	.00151	.00506
%RSD	.71228	30.932	.56077	.63388	.50291	.06530	1.0450	1.0620

#1	.03966	-.00116	770.61	.09368	.66262	71.854	.14523	.48032
#2	.03927	-.00182	764.53	.09285	.65792	71.788	.14310	.47316

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	142.09	38.248	-.00222	.82172	.68563	3.526	1.1432	5.4214
Stddev	.31	.362	.00072	.01472	.00182	.008	.0036	.1518
%RSD	.21623	.94661	32.553	1.7910	.26600	.2357	.31505	2.8000

#1	142.30	38.504	-.00274	.83212	.68692	3.532	1.1458	5.3140
#2	141.87	37.992	-.00171	.81131	.68434	3.520	1.1407	5.5287

Sample Name: J4957-01 Acquired: 9/19/2018 14:30:44 Type: Unk
Method: P4-ICP2(v2442) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 12.542
Stddev .558
%RSD 4.4485

#1 12.148
#2 12.937

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2099.5	30135.	4197.9	100.25	2234.6
Stddev	17.1	3.	18.2	.83	14.4
%RSD	.81217	.00972	.43276	.83283	.64231

#1	2087.5	30133.	4185.1	99.664	2224.5
#2	2111.6	30137.	4210.8	100.84	2244.8

Sample Name: J4979-04 Acquired: 9/19/2018 14:34:44 Type: Unk
Method: P4-ICP2(v2442) 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	.00618	-.00230	.00921	.00366	.00328	19.968	.08260	.00047
Stddev	.00277	.00037	.00047	.00140	.00081	.057	.00027	.00009
%RSD	44.863	16.281	5.1506	38.215	24.696	.28600	.32256	19.408

#1	.00422	-.00204	.00955	.00466	.00385	19.927	.08279	.00041
#2	.00814	-.00256	.00888	.00267	.00271	20.008	.08241	.00054

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00018	51.216	.01998	.00291	.03609	10.403	.10698	17.098
Stddev	.00008	.532	.00006	.00004	.00001	.016	.00024	.164
%RSD	42.782	1.0390	.32474	1.3273	.02286	.15257	.22348	.95904

#1	.00013	50.840	.01993	.00288	.03609	10.414	.10682	16.982
#2	.00024	51.592	.02002	.00293	.03610	10.392	.10715	17.214

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00683	-.00065	4.6537	.03341	.12937	6.8200	.41067	.06667
Stddev	.00002	.00040	.0112	.00001	.00081	.0461	.00112	.00729
%RSD	.26014	60.619	.24087	.04110	.62999	.67599	.27213	10.929

#1	.00682	-.00093	4.6616	.03342	.12994	6.8526	.40988	.06152
#2	.00684	-.00037	4.6458	.03340	.12879	6.7874	.41146	.07182

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6608	23.154	.00783	.54954	.05010	.1326	.21120	3.1798
Stddev	.0012	.123	.00162	.01092	.00322	.0003	.00131	.0630
%RSD	.04415	.52992	20.639	1.9869	6.4254	.2066	.62085	1.9825

#1	2.6600	23.067	.00897	.55726	.04782	.1327	.21027	3.2244
#2	2.6616	23.241	.00668	.54182	.05237	.1324	.21212	3.1352

Sample Name: J4979-04 Acquired: 9/19/2018 14:34:44 Type: Unk
 Method: P4-ICP2(v2442) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 4.7351
 Stddev .5172
 %RSD 10.922

#1 4.3693
 #2 5.1008

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2302.5	33214.	4406.1	108.18	2761.1
Stddev	11.8	183.	3.7	1.57	18.2
%RSD	.51303	.55043	.08351	1.4527	.65844

#1	2294.1	33085.	4408.7	107.07	2748.2
#2	2310.8	33343.	4403.5	109.29	2773.9

Sample Name: J4967-01 Acquired: 9/19/2018 14:42:44 Type: Unk
Method: P4-ICP2(v2442) 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	.07801	-.02822	1.4050	-.01203	.00885	134.71	1.2529
Stddev	.00043	.00045	.0037	.00022	.00079	.86	.0023
%RSD	.54937	1.5870	.26281	1.8379	8.9693	.63585	.18340

#1	.07832	-.02791	1.4076	-.01188	.00828	135.31	1.2545
#2	.07771	-.02854	1.4024	-.01219	.00941	134.10	1.2512

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00690	.01139	63.820	.18027	.14338	.59022	289.13
Stddev	.00012	.00097	.178	.00195	.00064	.00263	5.44
%RSD	1.6688	8.5047	.27896	1.0824	.44702	.44622	1.8807

#1	.00681	.01208	63.694	.17889	.14383	.59209	285.28
#2	.00698	.01071	63.946	.18165	.14292	.58836	292.97

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.3190	47.692	.24956	-.00383	5.7009	.40574	1.9286
Stddev	.0087	.227	.00137	.00063	.0266	.00201	.0412
%RSD	.16437	.47658	.54793	16.399	.46599	.49577	2.1372

#1	5.3128	47.531	.25053	-.00428	5.6821	.40432	1.8994
#2	5.3251	47.853	.24859	-.00339	5.7196	.40716	1.9577

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.827	.00475	.30906	3.1271	2.7480	.07003	3.7783
Stddev	.006	.00039	.00538	.0147	.1674	.00065	.0165
%RSD	.03772	8.2062	1.7405	.47124	6.0907	.93161	.43803

#1	14.823	.00503	.31287	3.1376	2.6297	.06957	3.7666
#2	14.831	.00448	.30526	3.1167	2.8664	.07050	3.7900

Sample Name: J4967-01 Acquired: 9/19/2018 14:42:44 Type: Unk
 Method: P4-ICP2(v2442) 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	1.3216	9.247	.29056	F<.00000	F<.00000
Stddev	.0091	.005	.00084	.70257	1.1620
%RSD	.68858	.0512	.29006	3.1853	18.946

#1	1.3151	9.244	.28996	-21.560	-6.9548
#2	1.3280	9.250	.29115	-22.554	-5.3115

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2635.3	37766.	5074.0	104.01	2511.7
Stddev	5.2	83.	25.3	2.08	7.6
%RSD	.19892	.21973	.49958	1.9999	.30100

#1	2631.6	37707.	5092.0	105.48	2506.3
#2	2639.0	37825.	5056.1	102.54	2517.0

Sample Name: J4967-02 Acquired: 9/19/2018 14:46:34 Type: Unk
Method: P4-ICP2(v2442) 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	.27516	-.01817	6.2340	-.00139	.03157	49.950	1.5571
Stddev	.00097	.00141	.0013	.00325	.00132	.055	.0034
%RSD	.35238	7.7624	.02106	234.87	4.1818	.11072	.21644

#1	.27448	-.01717	6.2350	.00092	.03064	49.911	1.5547
#2	.27585	-.01917	6.2331	-.00369	.03251	49.990	1.5595

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00984	.00994	37.998	.13398	.07647	1.0070	499.03
Stddev	.00022	.00177	.300	.00200	.00048	.0124	15.53
%RSD	2.2426	17.766	.78923	1.4941	.62810	1.2331	3.1123

#1	.00968	.00869	37.786	.13256	.07613	.99823	510.01
#2	.01000	.01118	38.210	.13540	.07681	1.0158	488.05

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0548	12.490	.13882	-.01030	1.2289	.28326	.79156
Stddev	.0017	.018	.00038	.00286	.0022	.00147	.02157
%RSD	.08473	.14212	.27281	27.797	.17649	.51937	2.7252

#1	2.0535	12.478	.13855	-.00828	1.2274	.28222	.80681
#2	2.0560	12.503	.13909	-.01233	1.2305	.28430	.77631

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.9891	.02648	.35631	20.202	2.9436	.21045	3.1589
Stddev	.0121	.00032	.02767	.049	.0076	.00016	.0057
%RSD	.15169	1.2222	7.7646	.24051	.25892	.07384	.18213

#1	7.9976	.02625	.37588	20.237	2.9490	.21056	3.1548
#2	7.9805	.02671	.33675	20.168	2.9382	.21034	3.1629

Sample Name: J4967-02 Acquired: 9/19/2018 14:46:34 Type: Unk
 Method: P4-ICP2(v2442) 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	.59508	6.065	.43647	F<.00000	F<.00000
Stddev	.01089	.008	.00146	.33063	.76353
%RSD	1.8301	.1393	.33345	.81675	3.9286

#1	.58737	6.071	.43544	-40.248	-19.975
#2	.60278	6.059	.43750	-40.715	-18.895

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2378.5	34718.	4609.9	105.23	2546.2
Stddev	12.3	56.	26.7	3.30	16.0
%RSD	.51777	.16265	.57860	3.1379	.62649

#1	2369.8	34758.	4628.8	102.90	2534.9
#2	2387.2	34678.	4591.1	107.57	2557.5

Sample Name: J4967-03 Acquired: 9/19/2018 14:50:26 Type: Unk
Method: P4-ICP2(v2442) 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	.06316	-.03099	2.0070	-.01917	.00656	143.37	1.6077
Stddev	.00306	.00182	.0058	.00041	.00144	.05	.0002
%RSD	4.8381	5.8784	.28887	2.1408	21.997	.03416	.01313

#1	.06100	-.03228	2.0111	-.01888	.00758	143.41	1.6079
#2	.06532	-.02970	2.0029	-.01946	.00554	143.34	1.6076

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00656	.00992	90.696	.20819	.15420	.48578	295.13
Stddev	.00012	.00073	.228	.00176	.00102	.00449	7.71
%RSD	1.8315	7.3739	.25134	.84480	.66357	.92411	2.6122

#1	.00664	.00941	90.535	.20943	.15492	.48261	300.58
#2	.00647	.01044	90.857	.20695	.15348	.48896	289.68

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.6875	66.913	.25349	-.00304	3.5571	.47320	1.9869
Stddev	.0129	.074	.00182	.00069	.0053	.00205	.0561
%RSD	.22740	.11005	.71702	22.852	.14969	.43309	2.8235

#1	5.6966	66.965	.25477	-.00255	3.5533	.47465	2.0266
#2	5.6783	66.861	.25220	-.00353	3.5609	.47175	1.9473

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.158	.00083	.28198	2.3272	3.7784	.06349	3.8588
Stddev	.012	.00017	.00918	.0111	.0319	.00020	.0192
%RSD	.07629	20.903	3.2545	.47592	.84334	.31366	.49647

#1	15.150	.00095	.28847	2.3350	3.7558	.06335	3.8723
#2	15.167	.00071	.27549	2.3194	3.8009	.06363	3.8452

Sample Name: J4967-03 Acquired: 9/19/2018 14:50:26 Type: Unk
 Method: P4-ICP2(v2442) 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	1.2580	10.87	.30318	F<.00000	F<.00000
Stddev	.0116	.03	.00038	.41376	.17732
%RSD	.92073	.2920	.12685	1.8895	3.0992
#1	1.2662	10.89	.30345	-22.191	-5.8470
#2	1.2498	10.84	.30291	-21.605	-5.5962
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2637.4	37839.	5090.0	100.71	2415.8
Stddev	11.2	112.	9.1	2.84	9.9
%RSD	.42563	.29552	.17960	2.8244	.40815
#1	2629.5	37760.	5083.5	98.701	2408.8
#2	2645.4	37918.	5096.4	102.72	2422.7

Sample Name: J4975-01 Acquired: 9/19/2018 14:54:17 Type: Unk
Method: P4-ICP2(v2442) 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	.12362	-.03943	4.4840	-.02280	.01025	131.70	3.5467
Stddev	.00024	.00109	.0057	.00162	.00302	.18	.0066
%RSD	.19286	2.7617	.12705	7.0992	29.442	.13454	.18526

#1	.12346	-.04020	4.4799	-.02166	.01238	131.58	3.5513
#2	.12379	-.03866	4.4880	-.02395	.00811	131.83	3.5420

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00596	.01986	639.57	.71533	.10188	1.0777	334.51
Stddev	.00021	.00005	.96	.00297	.00019	.0063	1.43
%RSD	3.5170	.26819	.15083	.41542	.18965	.57963	.42754

#1	.00611	.01982	640.25	.71743	.10174	1.0733	335.52
#2	.00581	.01990	638.89	.71323	.10201	1.0821	333.50

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.1353	63.079	.39136	.00269	15.370	.52619	5.2972
Stddev	.0000	.208	.00256	.00099	.006	.00331	.0296
%RSD	.00010	.32970	.65362	36.759	.03584	.62898	.55846

#1	4.1353	62.932	.39317	.00199	15.374	.52853	5.3181
#2	4.1354	63.226	.38955	.00338	15.366	.52385	5.2763

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.390	.04226	.41658	52.175	2.5634	.47976	5.7791
Stddev	.048	.00033	.01235	.025	.0577	.00411	.0005
%RSD	.27430	.77006	2.9647	.04851	2.2507	.85715	.00933

#1	17.424	.04203	.40784	52.157	2.6042	.48267	5.7795
#2	17.357	.04249	.42531	52.193	2.5226	.47685	5.7787

Sample Name: J4975-01 Acquired: 9/19/2018 14:54:17 Type: Unk
 Method: P4-ICP2(v2442) 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	1.5551	8.816	1.3800	F<.00000	F<.00000
Stddev	.0010	.006	.0024	.04451	.66830
%RSD	.06182	.0717	.17489	.23429	20.461

#1	1.5558	8.820	1.3817	-18.967	-2.7937
#2	1.5544	8.811	1.3783	-19.030	-3.7389

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2297.6	33041.	4633.6	96.413	2186.2
Stddev	3.6	38.	21.8	.841	5.7
%RSD	.15599	.11624	.47110	.87207	.26296

#1	2295.1	33014.	4618.1	95.818	2182.2
#2	2300.2	33068.	4649.0	97.007	2190.3

Sample Name: CCV04 Acquired: 9/19/2018 14:58:08 Type: Unk
Method: P4-ICP2(v2442) 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	5.2938	5.0590	5.1961	5.2576	5.3592	10.794	10.597	.25876
Stddev	.0097	.0165	.0068	.0140	.0000	.025	.068	.00025
%RSD	.18346	.32691	.13167	.26603	.00048	.23478	.64362	.09661
#1	5.3007	5.0473	5.2010	5.2477	5.3592	10.776	10.549	.25894
#2	5.2870	5.0707	5.1913	5.2675	5.3592	10.812	10.646	.25859
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5598	25.346	1.0336	2.5867	1.2937	5.1086	2.6136	25.774
Stddev	.0019	.313	.0023	.0026	.0016	.0287	.0058	.505
%RSD	.07610	1.2344	.22332	.10045	.12071	.56129	.22045	1.9598
#1	2.5584	25.125	1.0320	2.5885	1.2926	5.0883	2.6095	25.417
#2	2.5612	25.567	1.0352	2.5849	1.2949	5.1289	2.6176	26.131
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5396	1.2881	25.368	2.5193	2.5981	26.314	5.3698	5.0475
Stddev	.0034	.0049	.232	.0103	.0036	.212	.0044	.0714
%RSD	.13604	.37625	.91446	.40731	.13851	.80501	.08125	1.4152
#1	2.5420	1.2847	25.204	2.5120	2.5956	26.165	5.3668	4.9970
#2	2.5371	1.2916	25.532	2.5265	2.6007	26.464	5.3729	5.0980
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1658	5.0566	5.1117	5.2294	4.7788	5.152	5.3196	5.1863
Stddev	.0070	.0583	.0011	.0542	.0523	.002	.0303	.0685
%RSD	.13567	1.1534	.02112	1.0360	1.0951	.0285	.56975	1.3201
#1	5.1608	5.0154	5.1125	5.1911	4.7418	5.151	5.2981	5.2347
#2	5.1707	5.0979	5.1110	5.2677	4.8158	5.153	5.3410	5.1379

Sample Name: CCV04 Acquired: 9/19/2018 14:58:08 Type: Unk
Method: P4-ICP2(v2442) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3.3693
Stddev .3959
%RSD 11.751

#1 3.0894
#2 3.6493

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2246.7	32085.	4063.3	100.68	2604.2
Stddev	4.5	28.	41.2	.06	6.0
%RSD	.20184	.08777	1.0139	.06179	.22924

#1	2243.5	32105.	4092.5	100.64	2600.0
#2	2249.9	32065.	4034.2	100.73	2608.5

Sample Name: CCB04 Acquired: 9/19/2018 15:01:54 Type: Unk
 Method: P4-ICP2(v2442) 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	.00059	-.00001	-.00079	.00211	.00222	-.02136	-.00111
Stddev	.00278	.00077	.00073	.00502	.00345	.01274	.00017
%RSD	473.92	12660.	92.455	237.50	155.71	59.631	15.062

#1	-.00138	.00054	-.00131	-.00144	-.00022	-.01235	-.00123
#2	.00255	-.00055	-.00028	.00566	.00466	-.03036	-.00099

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	.00002	-.01678	-.00014	-.00005	-.00006	.00347
Stddev	.00002	.00006	.01491	.00002	.00012	.00002	.00394
%RSD	18.766	251.65	88.816	16.683	248.26	25.325	113.36

#1	.00011	-.00002	-.00624	-.00015	-.00013	-.00008	.00069
#2	.00008	.00007	-.02732	-.00012	.00004	-.00005	.00626

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.02538	.00095	.00004	-.57781	.00019	-.00018
Stddev	.00004	.04185	.00027	.00007	.01945	.00044	.00001
%RSD	169.89	164.87	28.281	187.14	3.3661	229.87	6.6240

#1	-.00005	.05498	.00114	-.00001	-.59157	-.00012	-.00019
#2	.00000	-.00421	.00076	.00009	-.56406	.00050	-.00017

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.12702	.00018	.01575	-.00025	.00387	-.00068	.00185
Stddev	.01438	.00050	.00004	.00382	.00187	.00010	.00124
%RSD	11.319	270.08	.24646	1544.7	48.363	14.114	67.249

#1	-.11685	-.00017	.01578	.00245	.00519	-.00061	.00097
#2	-.13718	.00053	.01572	-.00295	.00255	-.00075	.00273

Sample Name: CCB04 Acquired: 9/19/2018 15:01:54 Type: Unk
Method: P4-ICP2(v2442) 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 -.01779	-.0028	.00027	F 4.2799	F 1.9297
Stddev	.00362	.0020	.00008	.3852	.1177
%RSD	20.361	71.75	30.023	9.0015	6.0973

#1	-.01523	-.0014	.00021	4.5523	2.0129
#2	-.02035	-.0042	.00033	4.0075	1.8465

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2320.4	33290.	4114.0	105.39	2913.5
Stddev	6.7	86.	24.6	.17	12.9
%RSD	.28851	.25848	.59751	.15960	.44385

#1	2315.6	33351.	4096.6	105.27	2904.3
#2	2325.1	33229.	4131.4	105.51	2922.6

Sample Name: J4875-01 Acquired: 9/19/2018 15:05:59 Type: Unk
Method: P4-ICP2(v2442) 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	.00710	.00042	.00592	.00426	-.00057	-.04137	.02354	-.00002
Stddev	.00239	.00042	.00100	.00622	.00038	.00106	.00139	.00011
%RSD	33.639	100.01	16.807	146.06	66.480	2.5695	5.8882	487.41

#1	.00541	.00072	.00522	.00865	-.00030	-.04212	.02256	.00006
#2	.00879	.00012	.00663	-.00014	-.00083	-.04062	.02452	-.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00051	87.902	-.00010	.00055	.00219	-.00513	.00842	236.85
Stddev	.00002	.466	.00059	.00001	.00034	.00661	.00013	1.91
%RSD	3.2216	.53026	619.76	2.2820	15.689	128.96	1.5181	.80773

#1	-.00049	88.232	.00032	.00054	.00243	-.00045	.00852	238.20
#2	-.00052	87.573	-.00051	.00056	.00195	-.00981	.00833	235.49

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00248	.00076	1720.2	.00142	.00064	79.194	.00247	.78352
Stddev	.00118	.00027	17.9	.00013	.00021	.581	.00018	.02324
%RSD	47.549	35.541	1.0396	8.9777	33.451	.73356	7.2227	2.9667

#1	-.00165	.00095	1732.8	.00151	.00049	79.605	.00259	.79995
#2	-.00331	.00057	1707.5	.00133	.00079	78.784	.00234	.76708

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	193.69	.90103	-.06967	-.00141	.29074	.0944	1.4297	8.2031
Stddev	.34	.02155	.00016	.00083	.00524	.0028	.0079	.2614
%RSD	.17618	2.3919	.22952	59.170	1.8021	2.955	.55518	3.1865

#1	193.45	.91627	-.06979	-.00200	.28703	.0963	1.4353	8.0182
#2	193.94	.88579	-.06956	-.00082	.29444	.0924	1.4240	8.3879

Sample Name: J4875-01 Acquired: 9/19/2018 15:05:59 Type: Unk
 Method: P4-ICP2(v2442) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 6.5699
 Stddev .0824
 %RSD 1.2550

#1 6.5116
 #2 6.6282

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2035.3	28258.	3959.7	97.850	2149.2
Stddev	3.2	83.	40.8	2.190	3.3
%RSD	.15596	.29451	1.0291	2.2376	.15309

#1	2033.0	28199.	3930.9	99.398	2146.9
#2	2037.5	28317.	3988.5	96.301	2151.6

Sample Name: J4958-01 Acquired: 9/19/2018 15:45:25 Type: Unk
 Method: P4-ICP2(v2442) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BPSI-TT-MW30 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00016	-.00139	.00235	.00235	-.00122	.03469	.15645	.00002
Stddev	.00189	.00177	.00279	.00288	.00166	.01967	.00022	.00001
%RSD	1199.1	127.53	118.63	122.46	135.25	56.706	.13997	35.115

#1	.00149	-.00263	.00433	.00439	-.00005	.02078	.15629	.00001
#2	-.00118	-.00014	.00038	.00032	-.00239	.04859	.15660	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	48.894	.10685	.00152	.01918	.01853	.01155	17.610
Stddev	.00006	.195	.00025	.00015	.00047	.00483	.00010	.060
%RSD	55.342	.39874	.23389	9.9236	2.4728	26.088	.83872	.34145

#1	-.00006	49.032	.10703	.00162	.01885	.02195	.01148	17.567
#2	-.00015	48.756	.10668	.00141	.01952	.01511	.01161	17.652

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00228	-.00003	138.32	.00032	.02313	4.0050	-.00026	.07056
Stddev	.00014	.00040	.52	.00006	.00039	.0114	.00006	.00343
%RSD	6.0550	1200.2	.37259	18.284	1.6946	.28369	21.773	4.8658

#1	.00218	-.00032	138.68	.00036	.02286	4.0130	-.00030	.07299
#2	.00238	.00025	137.95	.00027	.02341	3.9970	-.00022	.06813

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.3976	6.2827	.00278	.00192	-.00947	-.0019	.45512	4.9946
Stddev	.0331	.0171	.00052	.00039	.01671	.0012	.00274	.5662
%RSD	.75243	.27238	18.581	20.269	176.48	62.60	.60189	11.337

#1	4.4210	6.2948	.00315	.00219	-.02129	-.0010	.45706	5.3949
#2	4.3742	6.2706	.00242	.00164	.00235	-.0027	.45319	4.5942

Sample Name: J4958-01 Acquired: 9/19/2018 15:45:25 Type: Unk
 Method: P4-ICP2(v2442) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BPSI-TT-MW30 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	2.7631
Stddev	.6325
%RSD	22.891

#1	3.2104
#2	2.3159

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2208.2	31937.	4161.9	104.79	2608.4
Stddev	24.0	18.	19.3	.69	26.5
%RSD	1.0887	.05785	.46377	.66294	1.0161

#1	2191.2	31923.	4148.3	105.28	2589.7
#2	2225.2	31950.	4175.6	104.30	2627.2

Sample Name: J4958-01DUP Acquired: 9/19/2018 15:49:26 Type: Unk
Method: P4-ICP2(v2442) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BPSI-TT-MW30 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00263	-.00090	.00161	.00593	-.00159	.04048	.13219	.00003
Stddev	.00009	.00023	.00062	.00107	.00107	.01210	.00131	.00005
%RSD	3.2793	25.052	38.488	17.978	67.783	29.882	.99359	190.88

#1	.00269	-.00106	.00117	.00517	-.00083	.03193	.13312	.00007
#2	.00257	-.00074	.00204	.00668	-.00235	.04904	.13126	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	41.666	.09049	.00117	.00804	.02793	.00962	14.874
Stddev	.00000	.051	.00044	.00001	.00001	.00520	.00009	.117
%RSD	.62730	.12248	.48435	1.0273	.17957	18.608	.95490	.78381

#1	-.00013	41.630	.09018	.00116	.00803	.02425	.00968	14.791
#2	-.00013	41.702	.09080	.00118	.00805	.03160	.00955	14.956

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00231	.00005	117.56	.00033	.02624	3.3258	.00001	.05286
Stddev	.00008	.00015	.00	.00048	.00086	.0533	.00033	.00245
%RSD	3.4370	326.37	.00378	145.65	3.2825	1.6017	5481.1	4.6295

#1	.00225	-.00006	117.56	.00066	.02563	3.2881	-.00023	.05459
#2	.00237	.00015	117.56	-.00001	.02685	3.3634	.00024	.05113

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.7064	5.3694	.00148	.00307	-.01780	.0008	.38404	5.3088
Stddev	.0001	.0359	.00078	.00072	.00578	.0007	.00017	.5239
%RSD	.00385	.66812	52.645	23.628	32.457	94.70	.04475	9.8687

#1	3.7065	5.3947	.00203	.00255	-.01371	.0002	.38416	5.6792
#2	3.7063	5.3440	.00093	.00358	-.02188	.0013	.38392	4.9383

Sample Name: J4958-01DUP Acquired: 9/19/2018 15:49:26 Type: Unk
 Method: P4-ICP2(v2442) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BPSI-TT-MW30 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	3.0527
Stddev	.2166
%RSD	7.0940

#1	2.8996
#2	3.2059

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2235.6	32094.	4208.7	103.46	2642.8
Stddev	12.3	15.	1.7	2.06	11.1
%RSD	.54891	.04545	.04039	1.9944	.41942

#1	2226.9	32084.	4209.9	104.92	2634.9
#2	2244.2	32105.	4207.5	102.00	2650.6

Sample Name: J4958-01LX5 Acquired: 9/19/2018 15:53:28 Type: Unk
Method: P4-ICP2(v2442) 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	.00266	-.00047	.00150	.00039	-.00162	-.00852	.02760	-.00001
Stddev	.00235	.00061	.00042	.00277	.00068	.00027	.00053	.00005
%RSD	88.323	131.23	27.802	714.71	41.872	3.1797	1.9089	411.48

#1	.00100	-.00090	.00120	-.00157	-.00210	-.00872	.02797	-.00004
#2	.00432	-.00003	.00179	.00235	-.00114	-.00833	.02722	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	9.3245	.01965	.00038	.00269	-.00114	.00212	3.3603
Stddev	.00014	.0045	.00134	.00033	.00015	.00446	.00001	.0155
%RSD	938.90	.04865	6.8449	86.370	5.6709	390.72	.64200	.46033

#1	.00011	9.3277	.01870	.00015	.00258	.00201	.00211	3.3494
#2	-.00008	9.3213	.02060	.00061	.00280	-.00429	.00213	3.3713

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00162	.00043	25.247	.00033	.00482	.65256	-.00032	.01226
Stddev	.00069	.00034	.012	.00001	.00012	.00028	.00028	.00548
%RSD	42.889	78.594	.04727	4.4181	2.5872	.04354	89.648	44.746

#1	.00211	.00019	25.238	.00032	.00473	.65276	-.00052	.01613
#2	.00113	.00066	25.255	.00034	.00491	.65236	-.00012	.00838

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.80709	1.2495	-.00001	.00116	-.01467	-.0000	.08613	4.2271
Stddev	.00139	.0053	.00052	.00195	.00424	.0020	.00030	.0555
%RSD	.17197	.42725	9082.3	168.94	28.903	23180.	.34297	1.3120

#1	.80610	1.2533	-.00038	-.00022	-.01767	.0014	.08634	4.1879
#2	.80807	1.2458	.00036	.00254	-.01167	-.0014	.08593	4.2663

Sample Name: J4958-01LX5 Acquired: 9/19/2018 15:53:28 Type: Unk
Method: P4-ICP2(v2442) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.6012
Stddev .7327
%RSD 28.166

#1 2.0831
#2 3.1193

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2312.6	33112.	4190.6	104.90	2827.7
Stddev	5.2	4.	7.9	.72	6.2
%RSD	.22481	.01348	.18793	.68374	.22003

#1	2308.9	33109.	4185.1	105.41	2823.3
#2	2316.3	33115.	4196.2	104.39	2832.1

Sample Name: J4958-01MS Acquired: 9/19/2018 15:57:30 Type: Unk
Method: P4-ICP2(v2442) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BPSI-TT-MW30 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	.93069	2.1778	1.1313	2.2904	.92765	2.3794	.37282	.21939	.22600
Stddev	.00268	.0034	.0034	.0186	.00520	.0397	.00032	.00059	.00073
%RSD	.28779	.15633	.30200	.81114	.56089	1.6690	.08497	.26672	.32343
#1	.92879	2.1754	1.1289	2.2773	.92397	2.3514	.37304	.21980	.22548
#2	.93258	2.1802	1.1338	2.3035	.93133	2.4075	.37260	.21897	.22652
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	46.382	.56119	.22327	.33537	3.4551	.24155	18.198	.56312	.07858
Stddev	.244	.00226	.00127	.00039	.0766	.00023	.010	.00329	.00176
%RSD	.52623	.40316	.56697	.11668	2.2167	.09690	.05504	.58509	2.2401
#1	46.209	.56279	.22238	.33510	3.5092	.24171	18.191	.56079	.07982
#2	46.555	.55959	.22417	.33565	3.4009	.24138	18.205	.56545	.07733
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	131.05	.33486	.24651	15.218	.48865	.37733	4.0065	6.7110	.77295
Stddev	.18	.00216	.00138	.016	.00198	.00636	.0167	.0138	.00586
%RSD	.13421	.64545	.56120	.10552	.40594	1.6856	.41615	.20603	.75787
#1	130.92	.33639	.24748	15.206	.48724	.37283	4.0183	6.7012	.76881
#2	131.17	.33333	.24553	15.229	.49005	.38182	3.9947	6.7208	.77710
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.23308	1.9750	6.377	.63619	5.6467	1.7798			
Stddev	.00313	.0080	.038	.00090	.1740	.6152			
%RSD	1.3433	.40606	.5962	.14185	3.0811	34.565			
#1	.23087	1.9693	6.351	.63683	5.5236	2.2148			
#2	.23529	1.9807	6.404	.63555	5.7697	1.3448			

Sample Name: J4958-01MS Acquired: 9/19/2018 15:57:30 Type: Unk
Method: P4-ICP2(v2442) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BPSI-TT-MW30 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	2209.1	31930.	4130.3	102.36	2596.1
Stddev	10.4	74.	2.7	1.30	11.3
%RSD	.47088	.23035	.06628	1.2717	.43485
#1	2201.7	31878.	4128.4	101.44	2588.1
#2	2216.4	31982.	4132.3	103.29	2604.0

Sample Name: CCV05 Acquired: 9/19/2018 16:01:20 Type: Unk
Method: P4-ICP2(v2442) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV13849 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2935	5.0476	5.2097	5.2458	5.3569	10.824	10.413	.25788
Stddev	.0229	.0230	.0316	.0021	.0210	.170	.076	.00086
%RSD	.43303	.45575	.60727	.04043	.39218	1.5676	.73449	.33310
#1	5.3097	5.0638	5.2320	5.2473	5.3717	10.944	10.359	.25849
#2	5.2772	5.0313	5.1873	5.2443	5.3420	10.704	10.467	.25727
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5570	25.120	1.0303	2.5862	1.2876	5.1619	2.6153	25.407
Stddev	.0089	.140	.0023	.0077	.0032	.1669	.0016	.037
%RSD	.34708	.55917	.22160	.29985	.24679	3.2340	.05947	.14697
#1	2.5633	25.021	1.0319	2.5917	1.2898	5.2800	2.6164	25.433
#2	2.5508	25.219	1.0287	2.5807	1.2853	5.0439	2.6142	25.380
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5477	1.2865	24.901	2.5110	2.6354	25.900	5.3521	4.9277
Stddev	.0087	.0068	.202	.0007	.0520	.315	.0147	.0095
%RSD	.34321	.52875	.81309	.02883	1.9743	1.2161	.27485	.19255
#1	2.5539	1.2913	24.758	2.5115	2.6722	25.677	5.3625	4.9344
#2	2.5415	1.2817	25.044	2.5105	2.5986	26.122	5.3417	4.9209
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1613	4.9113	5.1259	5.1683	4.7292	5.180	5.2220	4.8806
Stddev	.0158	.0486	.0050	.0062	.0243	.005	.0362	.0631
%RSD	.30590	.99059	.09770	.11909	.51347	.0992	.69305	1.2927
#1	5.1725	4.8769	5.1295	5.1727	4.7120	5.184	5.1964	4.8360
#2	5.1502	4.9457	5.1224	5.1640	4.7463	5.177	5.2476	4.9252

Sample Name: CCV05 Acquired: 9/19/2018 16:01:20 Type: Unk
Method: P4-ICP2(v2442) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV13849 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 3.4015
Stddev	.2077
%RSD	6.1064

#1	3.5483
#2	3.2546

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2271.0	32396.	4172.0	100.25	2621.0
Stddev	11.1	100.	44.6	2.13	14.6
%RSD	.48867	.30781	1.0695	2.1256	.55736

#1	2263.2	32325.	4203.6	98.746	2610.7
#2	2278.9	32467.	4140.5	101.76	2631.3

Sample Name: CCB05 Acquired: 9/19/2018 16:05:04 Type: Unk
Method: P4-ICP2(v2442) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB13849 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00253	-.00144	-.00053	.00171	.00210	-.01542	-.00166
Stddev	.00168	.00064	.00044	.00142	.00006	.02026	.00024
%RSD	66.207	44.333	83.778	82.789	2.9069	131.35	14.148

#1	.00135	-.00099	-.00084	.00271	.00206	-.00110	-.00150
#2	.00372	-.00189	-.00021	.00071	.00214	-.02975	-.00183

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00003	.00945	-.00041	-.00026	-.00031	.01194
Stddev	.00006	.00003	.01194	.00066	.00018	.00012	.01103
%RSD	146.41	92.457	126.38	161.27	69.925	38.759	92.362

#1	-.00000	.00005	.00101	-.00087	-.00039	-.00022	.01974
#2	.00008	.00001	.01790	.00006	-.00013	-.00039	.00414

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	.04338	.00118	.00033	-.59468	-.00036	-.00089
Stddev	.00004	.01777	.00017	.00013	.00890	.00032	.00001
%RSD	65.523	40.958	14.059	40.333	1.4967	89.024	1.2731

#1	-.00008	.03082	.00130	.00024	-.60098	-.00013	-.00088
#2	-.00003	.05595	.00106	.00043	-.58839	-.00059	-.00090

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.06580	.00054	-.00181	-.00280	-.00227	-.00010	.00326
Stddev	.02955	.00005	.00152	.00122	.00113	.00077	.00066
%RSD	44.912	9.7008	84.067	43.709	49.802	760.61	20.282

#1	-.08670	.00057	-.00073	-.00193	-.00307	-.00065	.00279
#2	-.04490	.00050	-.00289	-.00366	-.00147	.00044	.00372

Sample Name: CCB05 Acquired: 9/19/2018 16:05:04 Type: Unk
Method: P4-ICP2(v2442) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB13849 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.03156	-.0008	.00030	F 4.3844	F 1.6013
Stddev	.00182	.0008	.00004	.2879	.1657
%RSD	5.7761	99.68	14.552	6.5672	10.347

#1	-.03027	-.0014	.00033	4.1808	1.4841
#2	-.03285	-.0002	.00027	4.5880	1.7184

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2330.7	33264.	4160.9	104.93	2917.7
Stddev	11.8	27.	37.3	.28	13.1
%RSD	.50512	.08061	.89644	.26548	.45038

#1	2322.4	33283.	4134.5	105.12	2908.4
#2	2339.0	33245.	4187.3	104.73	2927.0

Sample Name: J4958-01MSD Acquired: 9/19/2018 16:09:08 Type: Unk
Method: P4-ICP2(v2442) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BPSI-TT-MW30 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	.93532	2.2042	1.1454	2.3090	.93738	2.4390	.38002	.22470	.22848
Stddev	.00557	.0028	.0031	.0042	.00388	.0078	.00203	.00154	.00022
%RSD	.59602	.12791	.26693	.18015	.41423	.32034	.53533	.68511	.09446

#1	.93926	2.2022	1.1433	2.3061	.93464	2.4335	.37858	.22361	.22863
#2	.93138	2.2062	1.1476	2.3119	.94013	2.4446	.38146	.22579	.22833

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	46.508	.57402	.22663	.33763	3.5128	.24710	18.389	.57116	.08158
Stddev	.247	.00247	.00000	.00358	.0236	.00089	.264	.00033	.00023
%RSD	.53082	.43020	.00198	1.0611	.67149	.36116	1.4358	.05797	.28055

#1	46.334	.57227	.22662	.33509	3.4962	.24647	18.202	.57092	.08175
#2	46.683	.57577	.22663	.34016	3.5295	.24773	18.576	.57139	.08142

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	132.14	.34076	.24934	15.487	.49491	.39407	4.0182	6.8167	.78117
Stddev	.53	.00305	.00004	.082	.00135	.00761	.0190	.0049	.00097
%RSD	.40010	.89382	.01538	.52658	.27181	1.9314	.47177	.07253	.12442

#1	131.77	.33860	.24937	15.430	.49586	.38869	4.0048	6.8132	.78185
#2	132.51	.34291	.24931	15.545	.49396	.39945	4.0316	6.8202	.78048

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24084	2.0236	6.465	.64215	5.7483	2.0264
Stddev	.00066	.0127	.008	.00206	.1864	.1747
%RSD	.27578	.62548	.1215	.32108	3.2425	8.6197

#1	.24037	2.0147	6.459	.64069	5.6165	1.9029
#2	.24131	2.0326	6.470	.64361	5.8801	2.1499

Sample Name: J4958-01MSD Acquired: 9/19/2018 16:09:08 Type: Unk
Method: P4-ICP2(v2442) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BPSI-TT-MW30 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	2211.3	31665.	4080.8	102.17	2593.7
Stddev	2.0	38.	6.4	.43	4.2
%RSD	.09134	.11884	.15610	.42116	.16306
#1	2209.9	31691.	4085.3	101.87	2590.7
#2	2212.7	31638.	4076.3	102.48	2596.7

Sample Name: J4958-01A Acquired: 9/19/2018 16:12:57 Type: Unk
Method: P4-ICP2(v2442) 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	.94694	2.2066	1.1502	2.3242	.94178	2.4598	.38239	.22525	.22958
Stddev	.00014	.0054	.0005	.0013	.00232	.0042	.00025	.00030	.00007
%RSD	.01475	.24648	.03992	.05696	.24588	.16919	.06472	.13474	.02919
#1	.94684	2.2027	1.1499	2.3251	.94014	2.4628	.38256	.22504	.22963
#2	.94704	2.2104	1.1505	2.3233	.94342	2.4569	.38221	.22547	.22954
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	46.805	.57709	.22667	.33954	3.5806	.24848	18.538	.57327	.08052
Stddev	.061	.00257	.00091	.00099	.0274	.00034	.062	.00045	.00019
%RSD	.12982	.44578	.40075	.29099	.76504	.13870	.33651	.07899	.23655
#1	46.762	.57527	.22603	.33884	3.5612	.24824	18.494	.57359	.08065
#2	46.848	.57891	.22731	.34024	3.6000	.24872	18.582	.57295	.08038
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	132.48	.34351	.25387	15.590	.49672	.38651	4.0413	6.8224	.78367
Stddev	.67	.00201	.00212	.030	.00136	.01221	.0204	.0505	.00241
%RSD	.50739	.58501	.83495	.19502	.27347	3.1587	.50576	.74097	.30764
#1	132.01	.34209	.25237	15.569	.49576	.37788	4.0558	6.7867	.78537
#2	132.96	.34494	.25537	15.612	.49768	.39514	4.0269	6.8582	.78196
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.23717	2.0463	6.495	.64414	5.5740	1.4231			
Stddev	.00060	.0022	.004	.00276	.4623	.2796			
%RSD	.25360	.10567	.0602	.42777	8.2938	19.649			
#1	.23760	2.0479	6.497	.64219	5.9009	1.6208			
#2	.23675	2.0448	6.492	.64609	5.2471	1.2254			

Sample Name: J4958-01A Acquired: 9/19/2018 16:12:57 Type: Unk
Method: P4-ICP2(v2442) 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	2206.1	31776.	4103.1	100.79	2590.0
Stddev	8.1	54.	10.8	.43	8.4
%RSD	.36675	.16997	.26224	.42778	.32243
#1	2200.4	31738.	4110.7	101.09	2584.1
#2	2211.8	31814.	4095.5	100.48	2595.9

Sample Name: J4772-01 Acquired: 9/19/2018 16:16:47 Type: Unk
Method: P4-ICP2(v2442) 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	.05841	-.04808	.04433	-.01034	.00606	116.63	.48170
Stddev	.00320	.00013	.00192	.00117	.00071	.36	.00227
%RSD	5.4698	.26822	4.3300	11.285	11.649	.30586	.47085

#1	.05615	-.04799	.04569	-.00951	.00556	116.88	.48010
#2	.06067	-.04817	.04297	-.01116	.00656	116.37	.48330

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00671	.00882	55.981	.12755	.18311	.15534	377.23
Stddev	.00001	.00015	.460	.00015	.00005	.00068	2.66
%RSD	.21401	1.7417	.82148	.11842	.02842	.43856	.70387

#1	.00670	.00871	55.656	.12766	.18307	.15582	375.35
#2	.00672	.00893	56.306	.12745	.18314	.15486	379.11

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.8196	39.039	.21081	.00527	4.1859	.35423	.67047
Stddev	.0065	.127	.00017	.00104	.0098	.00150	.00315
%RSD	.17063	.32495	.07905	19.779	.23387	.42391	.47021

#1	3.8242	38.949	.21069	.00454	4.1790	.35316	.66824
#2	3.8150	39.128	.21093	.00601	4.1928	.35529	.67270

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.776	.00330	.54814	5.2676	.93806	.02257	4.5367
Stddev	.033	.00001	.00640	.0097	.00891	.00146	.0224
%RSD	.28010	.24497	1.1675	.18451	.95016	6.4722	.49412

#1	11.753	.00331	.54362	5.2607	.93176	.02154	4.5208
#2	11.800	.00330	.55267	5.2744	.94436	.02360	4.5525

Sample Name: J4772-01 Acquired: 9/19/2018 16:16:47 Type: Unk
 Method: P4-ICP2(v2442) 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	.96429	14.57	.12275	F<.00000	F<.00000
Stddev	.00505	.02	.00011	.71367	.67314
%RSD	.52328	.1202	.08622	1.8792	4.5308

#1	.96072	14.56	.12268	-37.473	-15.333
#2	.96786	14.58	.12283	-38.482	-14.381

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3472.9	50401.	6797.0	103.26	2437.9
Stddev	7.5	190.	31.6	.46	1.4
%RSD	.21509	.37677	.46463	.44277	.05704

#1	3467.6	50267.	6819.3	103.58	2436.9
#2	3478.2	50535.	6774.6	102.94	2438.9

Sample Name: J4772-01DUP Acquired: 9/19/2018 16:20:39 Type: Unk
Method: P4-ICP2(v2442) 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	.06131	-.04879	.04124	-.00912	.00619	118.43	.48807
Stddev	.00509	.00117	.00171	.00296	.00141	.08	.00184
%RSD	8.3058	2.3896	4.1513	32.447	22.803	.06905	.37792

#1	.06491	-.04961	.04245	-.00703	.00719	118.38	.48937
#2	.05771	-.04796	.04003	-.01121	.00519	118.49	.48676

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00698	.00806	56.530	.12817	.18342	.15640	383.16
Stddev	.00009	.00090	.392	.00020	.00029	.00055	4.02
%RSD	1.3345	11.173	.69369	.15885	.15590	.35139	1.0491

#1	.00704	.00869	56.807	.12831	.18362	.15679	380.31
#2	.00691	.00742	56.253	.12802	.18322	.15601	386.00

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.8935	39.418	.21020	.00549	4.2501	.35822	.67911
Stddev	.0098	.435	.00090	.00040	.0368	.00047	.00556
%RSD	.25227	1.1042	.42724	7.3527	.86575	.13120	.81875

#1	3.9005	39.726	.20956	.00520	4.2762	.35856	.67517
#2	3.8866	39.111	.21083	.00577	4.2241	.35789	.68304

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.870	.00302	.57996	5.3648	.95592	.02279	4.6331
Stddev	.093	.00008	.01578	.0037	.00258	.00071	.0232
%RSD	.78396	2.6245	2.7200	.06833	.26939	3.1255	.50126

#1	11.936	.00296	.56881	5.3622	.95775	.02330	4.6495
#2	11.804	.00308	.59112	5.3674	.95410	.02229	4.6166

Sample Name: J4772-01DUP Acquired: 9/19/2018 16:20:39 Type: Unk
 Method: P4-ICP2(v2442) 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	.96394	14.11	.12272	F<.00000	F<.00000
Stddev	.00388	.08	.00010	.18620	.03009
%RSD	.40201	.5519	.07790	.49137	.20136

#1	.96668	14.17	.12266	-37.763	-14.924
#2	.96120	14.06	.12279	-38.026	-14.967

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3422.6	49543.	6645.5	100.63	2418.9
Stddev	7.3	187.	61.1	.72	10.7
%RSD	.21438	.37662	.91931	.71653	.44140

#1	3417.4	49411.	6602.3	101.14	2411.4
#2	3427.8	49675.	6688.7	100.12	2426.5

Sample Name: J4772-01LX5 Acquired: 9/19/2018 16:24:44 Type: Unk
Method: P4-ICP2(v2442) 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	.01919	-.00715	.00901	-.00222	.00153	32.305	.13809
Stddev	.00022	.00015	.00061	.00250	.00199	.043	.00176
%RSD	1.1277	2.0399	6.7914	112.47	129.46	.13459	1.2735

#1	.01904	-.00704	.00858	-.00045	.00294	32.336	.13933
#2	.01934	-.00725	.00945	-.00399	.00013	32.274	.13685

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00179	.00043	16.506	.04319	.03601	.06823	77.623
Stddev	.00003	.00001	.091	.00014	.00019	.00055	.855
%RSD	1.8980	1.9889	.55060	.32853	.52999	.80768	1.1020

#1	.00177	.00043	16.570	.04329	.03614	.06784	78.228
#2	.00182	.00044	16.442	.04309	.03587	.06862	77.019

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1583	11.519	.04471	-.00263	.71735	.10135	.14287
Stddev	.0014	.019	.00028	.00042	.01215	.00005	.00050
%RSD	.11988	.16151	.63621	16.145	1.6944	.04707	.34744

#1	1.1574	11.506	.04451	-.00233	.70875	.10131	.14323
#2	1.1593	11.533	.04491	-.00293	.72594	.10138	.14252

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.3115	.00109	.12308	1.0246	.29813	.00423	1.3279
Stddev	.0100	.00023	.00062	.0090	.00222	.00081	.0088
%RSD	.30310	21.265	.50108	.87635	.74309	19.143	.66596

#1	3.3186	.00126	.12264	1.0182	.29970	.00366	1.3342
#2	3.3044	.00093	.12352	1.0309	.29657	.00480	1.3216

Sample Name: J4772-01LX5 Acquired: 9/19/2018 16:24:44 Type: Unk
 Method: P4-ICP2(v2442) 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	.24631	2.765	.03538	F<.00000	7.4667
Stddev	.00390	.010	.00008	.20729	.6270
%RSD	1.5823	.3551	.22439	5.2301	8.3965

#1	.24355	2.758	.03532	-3.8168	7.0234
#2	.24906	2.772	.03543	-4.1099	7.9100

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2569.2	36381.	4684.7	103.73	2729.2
Stddev	19.7	44.	37.4	1.31	19.9
%RSD	.76743	.12147	.79862	1.2586	.73023

#1	2555.2	36349.	4658.2	102.81	2715.1
#2	2583.1	36412.	4711.1	104.66	2743.3

Sample Name: J4772-01MS Acquired: 9/19/2018 16:28:44 Type: Unk
Method: P4-ICP2(v2442) 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	.69904	2.3630	1.3020	1.5854	.65659	118.13	.64281
Stddev	.00343	.0064	.0085	.0033	.00001	.45	.00660
%RSD	.49023	.26948	.65349	.20673	.00166	.38226	1.0271

#1	.69662	2.3585	1.2960	1.5877	.65660	118.45	.64748
#2	.70147	2.3675	1.3080	1.5831	.65659	117.82	.63814

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16204	.26055	56.890	.44247	.42994	.37037	381.86
Stddev	.00018	.00283	.518	.00328	.00304	.00957	12.31
%RSD	.11312	1.0846	.91017	.74140	.70801	2.5841	3.2244

#1	.16191	.25855	57.256	.44015	.42779	.36360	390.56
#2	.16217	.26255	56.524	.44479	.43209	.37713	373.15

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.9843	40.737	.83706	.06352	6.5645	.57386	.91556
Stddev	.0016	.223	.00267	.00124	.0736	.00098	.02708
%RSD	.03952	.54792	.31927	1.9589	1.1213	.17122	2.9575

#1	3.9832	40.894	.83517	.06440	6.6165	.57317	.93471
#2	3.9854	40.579	.83895	.06264	6.5124	.57456	.89642

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.793	.32948	.78672	5.3044	1.5925	.87164	4.7409
Stddev	.264	.00007	.01016	.0084	.0084	.00478	.0034
%RSD	1.3354	.02227	1.2914	.15930	.52905	.54844	.07238

#1	19.980	.32953	.79390	5.2984	1.5985	.86826	4.7433
#2	19.606	.32943	.77953	5.3104	1.5866	.87502	4.7385

Sample Name: J4772-01MS Acquired: 9/19/2018 16:28:44 Type: Unk
 Method: P4-ICP2(v2442) 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	2.3589	20.82	.27356	F<.00000	F<.00000
Stddev	.0033	.02	.00187	.60952	.22227
%RSD	.13902	.0919	.68192	1.6892	1.5149

#1	2.3612	20.80	.27488	-36.514	-14.515
#2	2.3566	20.83	.27224	-35.652	-14.829

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3375.2	49068.	6533.2	99.241	2392.7
Stddev	8.2	90.	53.7	3.210	1.9
%RSD	.24402	.18264	.82248	3.2345	.07988

#1	3369.4	49005.	6495.2	96.972	2391.4
#2	3381.0	49132.	6571.2	101.51	2394.1

Sample Name: J4772-01MSD Acquired: 9/19/2018 16:32:30 Type: Unk
Method: P4-ICP2(v2442) 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	.69608	2.3496	1.3007	1.5796	.65641	118.42	.63980
Stddev	.00406	.0022	.0003	.0071	.00148	.05	.00459
%RSD	.58379	.09157	.02107	.44951	.22593	.04387	.71747

#1	.69895	2.3511	1.3009	1.5846	.65746	118.46	.63655
#2	.69321	2.3481	1.3005	1.5746	.65536	118.39	.64305

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16246	.26095	56.741	.44012	.43042	.37546	376.66
Stddev	.00022	.00009	.514	.00006	.00123	.00603	9.24
%RSD	.13252	.03592	.90540	.01443	.28576	1.6051	2.4525

#1	.16262	.26088	56.378	.44007	.42955	.37972	370.12
#2	.16231	.26101	57.105	.44016	.43129	.37120	383.19

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.9841	40.595	.83019	.06249	6.5644	.57382	.90541
Stddev	.0059	.521	.00096	.00119	.0708	.00187	.02428
%RSD	.14699	1.2837	.11592	1.9092	1.0786	.32656	2.6821

#1	3.9882	40.227	.82951	.06164	6.5143	.57514	.88824
#2	3.9800	40.964	.83088	.06333	6.6144	.57249	.92258

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.794	.33166	.78195	5.2756	1.5846	.86640	4.7214
Stddev	.126	.00110	.00710	.0088	.0216	.00181	.0035
%RSD	.63640	.33034	.90854	.16691	1.3622	.20893	.07388

#1	19.705	.33244	.77693	5.2693	1.5694	.86768	4.7189
#2	19.883	.33089	.78698	5.2818	1.5999	.86512	4.7239

Sample Name: J4772-01MSD Acquired: 9/19/2018 16:32:30 Type: Unk
 Method: P4-ICP2(v2442) 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	2.3691	20.69	.27333	F<.00000	F<.00000
Stddev	.0008	.06	.00260	.15429	.50243
%RSD	.03293	.2803	.95152	.43323	3.0347

#1	2.3685	20.65	.27149	-35.505	-16.201
#2	2.3696	20.73	.27517	-35.723	-16.912

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3371.6	48973.	6543.4	100.23	2401.1
Stddev	3.4	134.	55.4	2.45	9.3
%RSD	.10224	.27427	.84666	2.4441	.38917

#1	3369.2	48878.	6582.6	101.96	2407.7
#2	3374.0	49068.	6504.2	98.498	2394.5

Sample Name: PB113022BS Acquired: 9/19/2018 16:36:42 Type: Unk
Method: P4-ICP2(v2442) 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	.81785	1.9973	1.0186	2.0161	.83485	2.0653	.21135	.19082	.19785
Stddev	.00398	.0010	.0013	.0074	.00304	.0208	.00085	.00048	.00028
%RSD	.48684	.04863	.12364	.36485	.36397	1.0046	.40329	.25017	.14009

#1	.82067	1.9980	1.0195	2.0109	.83270	2.0507	.21196	.19049	.19804
#2	.81504	1.9966	1.0177	2.0213	.83699	2.0800	.21075	.19116	.19765

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0607	.40678	.19763	.30087	3.0411	.21398	1.9983	.48920	.07097
Stddev	.0119	.00283	.00024	.00046	.1031	.00133	.0144	.00099	.00008
%RSD	1.1203	.69586	.12055	.15215	3.3888	.62118	.72039	.20241	.10749

#1	1.0691	.40478	.19780	.30054	2.9682	.21304	1.9881	.48990	.07103
#2	1.0523	.40878	.19747	.30119	3.1140	.21492	2.0085	.48850	.07092

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	2.3763	.30183	.21102	10.267	.44145	.29244	.00133	.89826	.66849
Stddev	.0289	.00326	.00891	.027	.00009	.01032	.00204	.01910	.00152
%RSD	1.2154	1.0785	4.2219	.26445	.02085	3.5277	153.47	2.1265	.22757

#1	2.3559	.29953	.20472	10.248	.44139	.28515	-.00011	.88475	.66956
#2	2.3967	.30414	.21732	10.286	.44152	.29974	.00277	.91177	.66741

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21052	1.7779	5.198	.20734	4.8955	.68940
Stddev	.00156	.0220	.000	.00060	.0512	.02642
%RSD	.74009	1.2361	.0067	.28736	1.0466	3.8328

#1	.20942	1.7624	5.198	.20692	4.8593	.70808
#2	.21162	1.7935	5.199	.20776	4.9317	.67071

Sample Name: PB113022BS Acquired: 9/19/2018 16:36:42 Type: Unk
Method: P4-ICP2(v2442) 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	2285.1	33144.	4132.0	103.86	2849.7
Stddev	21.9	31.	25.6	3.34	28.4
%RSD	.95724	.09263	.61878	3.2112	.99653
#1	2269.6	33166.	4150.1	106.22	2829.6
#2	2300.5	33122.	4113.9	101.50	2869.8

Sample Name: CCV06 Acquired: 9/19/2018 16:40:33 Type: Unk
Method: P4-ICP2(v2442) 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	5.3064	5.0580	5.2582	5.2332	5.3873	10.791	10.497	.26010	2.5780
Stddev	.0230	.0182	.0043	.0092	.0073	.072	.016	.00002	.0027
%RSD	.43380	.36045	.08093	.17475	.13492	.66756	.15308	.00928	.10423
#1	5.3226	5.0708	5.2612	5.2397	5.3925	10.842	10.486	.26008	2.5799
#2	5.2901	5.0451	5.2552	5.2268	5.3822	10.740	10.508	.26011	2.5761
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.167	1.0369	2.6140	1.2947	5.0887	2.6346	25.781	2.5641	1.2903
Stddev	.073	.0007	.0025	.0010	.0542	.0022	.081	.0023	.0033
%RSD	.28944	.06381	.09492	.07921	1.0660	.08163	.31261	.08984	.25594
#1	25.218	1.0365	2.6158	1.2954	5.0503	2.6331	25.724	2.5657	1.2879
#2	25.115	1.0374	2.6123	1.2939	5.1270	2.6361	25.838	2.5625	1.2926
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	25.088	2.5155	2.6388	26.209	5.4047	4.9391	5.2009	4.9461	5.1618
Stddev	.033	.0023	.0448	.001	.0133	.0042	.0163	.0535	.0248
%RSD	.13090	.09280	1.6974	.00247	.24625	.08426	.31413	1.0810	.48051
#1	25.065	2.5139	2.6071	26.209	5.4142	4.9361	5.2124	4.9083	5.1793
#2	25.112	2.5172	2.6704	26.209	5.3953	4.9420	5.1893	4.9839	5.1442
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	5.2120	4.7222	5.223	5.2834	5.6807	3.7304			
Stddev	.0034	.0263	.012	.0071	.2369	.6339			
%RSD	.06529	.55734	.2212	.13355	4.1704	16.993			
#1	5.2096	4.7408	5.231	5.2784	5.8482	4.1786			
#2	5.2144	4.7036	5.214	5.2884	5.5132	3.2821			

Sample Name: CCV06 Acquired: 9/19/2018 16:40:33 Type: Unk
Method: P4-ICP2(v2442) 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	2252.8	32150.	4108.4	100.35	2599.0
Stddev	6.9	23.	16.4	1.49	8.3
%RSD	.30802	.07281	.39864	1.4869	.31911
#1	2247.9	32134.	4120.0	101.40	2593.1
#2	2257.7	32167.	4096.9	99.294	2604.8

Sample Name: CCB06 Acquired: 9/19/2018 16:44:17 Type: Unk
Method: P4-ICP2(v2442) 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	.00365	.00146	-.00077	.00464	.00144	-.01391	-.00126	-.00004
Stddev	.00395	.00009	.00026	.00478	.00063	.00390	.00050	.00001
%RSD	108.45	5.8695	33.603	102.86	44.098	28.015	39.755	34.654

#1	.00644	.00152	-.00096	.00127	.00188	-.01116	-.00090	-.00005
#2	.00085	.00140	-.00059	.00802	.00099	-.01667	-.00161	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.00337	-.00026	.00008	-.00057	.00927	-.00009	.05991
Stddev	.00006	.00946	.00043	.00031	.00066	.00858	.00004	.02268
%RSD	258.80	280.63	167.69	413.75	116.32	92.560	39.831	37.851

#1	.00007	-.01006	.00005	.00030	-.00104	.01533	-.00006	.04387
#2	-.00002	.00332	-.00056	-.00015	-.00010	.00320	-.00011	.07594

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00097	.00034	-.74766	-.00007	-.00085	-.09819	.00054	.00765
Stddev	.00060	.00049	.00296	.00021	.00005	.01462	.00009	.00900
%RSD	62.105	145.43	.39580	312.18	6.0996	14.892	16.829	117.62

#1	.00140	.00069	-.74976	-.00021	-.00081	-.10853	.00061	.00129
#2	.00055	-.00001	-.74557	.00008	-.00088	-.08785	.00048	.01401

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00022	.00053	-.00111	.00196	-.03517	-.0024	.00031	4.9942
Stddev	.00001	.00536	.00007	.00079	.00761	.0009	.00007	.0801
%RSD	5.1301	1002.0	5.8495	40.220	21.649	36.87	23.532	1.6034

#1	-.00021	.00432	-.00116	.00252	-.04055	-.0018	.00037	4.9376
#2	-.00023	-.00325	-.00107	.00140	-.02978	-.0031	.00026	5.0509

Sample Name: CCB06 Acquired: 9/19/2018 16:44:17 Type: Unk
Method: P4-ICP2(v2442) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.6442
Stddev .1182
%RSD 7.1917

#1 1.5605
#2 1.7278

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2324.1	33169.	4137.1	101.72	2906.2
Stddev	.2	154.	35.8	.04	.1
%RSD	.01064	.46381	.86562	.04318	.00184

#1	2324.3	33060.	4111.8	101.75	2906.2
#2	2324.0	33278.	4162.5	101.69	2906.2

Sample Name: J4772-01A Acquired: 9/19/2018 17:01:38 Type: Unk
Method: P4-ICP2(v2442) 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	.69630	2.3110	1.2811	1.5965	.66143	118.78	.63924
Stddev	.00009	.0088	.0029	.0014	.00294	.01	.00706
%RSD	.01260	.38148	.22496	.08472	.44454	.00581	1.1044

#1	.69636	2.3173	1.2791	1.5955	.65935	118.78	.64423
#2	.69624	2.3048	1.2832	1.5974	.66351	118.79	.63425

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15857	.25700	55.463	.43184	.42250	.37530	368.41
Stddev	.00048	.00066	.566	.00035	.00077	.00304	.61
%RSD	.30436	.25749	1.0199	.08161	.18310	.81079	.16484

#1	.15823	.25747	55.863	.43159	.42195	.37315	368.84
#2	.15892	.25654	55.063	.43209	.42304	.37745	367.98

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.9040	39.557	.82076	.06172	7.0931	.56726	.86608
Stddev	.0041	.374	.00069	.00011	.0615	.00197	.00258
%RSD	.10461	.94646	.08422	.18552	.86670	.34694	.29847

#1	3.9068	39.822	.82125	.06180	7.1365	.56865	.86426
#2	3.9011	39.292	.82027	.06164	7.0496	.56587	.86791

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.730	.33037	.76695	5.2080	1.5319	.85522	4.6969
Stddev	.226	.00123	.00496	.0103	.0131	.00174	.0340
%RSD	1.1453	.37353	.64677	.19815	.85300	.20377	.72474

#1	19.890	.32950	.77046	5.2153	1.5411	.85399	4.7210
#2	19.571	.33124	.76344	5.2007	1.5226	.85645	4.6728

Sample Name: J4772-01A Acquired: 9/19/2018 17:01:38 Type: Unk
 Method: P4-ICP2(v2442) 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	2.3838	20.53	.27262	F<.00000	F<.00000
Stddev	.0127	.07	.00372	.39165	.27049
%RSD	.53502	.3427	1.3637	1.0379	1.5798

#1	2.3928	20.58	.27525	-38.010	-17.313
#2	2.3748	20.48	.26999	-37.457	-16.931

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3435.6	50726.	6918.4	105.81	2459.6
Stddev	11.8	136.	65.3	.03	11.4
%RSD	.34279	.26815	.94369	.03052	.46166

#1	3427.3	50630.	6872.2	105.79	2451.6
#2	3443.9	50822.	6964.6	105.83	2467.7

Sample Name: J4875-02 Acquired: 9/19/2018 17:12:03 Type: Unk
Method: P4-ICP2(v2442) 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	.00625	-.00030	.00430	.00676	.00059	-.02180	.00505	.00014
Stddev	.00047	.00287	.00154	.00005	.00128	.00059	.00010	.00003
%RSD	7.5027	962.09	35.896	.77877	218.00	2.7092	2.0556	19.239

#1	.00592	.00173	.00321	.00680	-.00032	-.02221	.00513	.00016
#2	.00658	-.00232	.00539	.00672	.00150	-.02138	.00498	.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00021	26.197	-.00057	-.00000	.00043	-.00054	.00226	66.425
Stddev	.00003	.067	.00006	.00004	.00081	.00663	.00003	.051
%RSD	13.868	.25427	10.389	1117.0	189.27	1217.8	1.4483	.07648

#1	-.00019	26.150	-.00053	.00002	.00100	-.00524	.00224	66.461
#2	-.00023	26.244	-.00062	-.00003	-.00014	.00415	.00228	66.389

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00160	.00007	531.08	.00110	-.00065	22.297	.00042	.22246
Stddev	.00069	.00039	.17	.00013	.00008	.038	.00007	.00826
%RSD	42.927	540.32	.03190	11.685	12.017	.16993	16.930	3.7149

#1	-.00208	.00035	530.96	.00119	-.00070	22.271	.00047	.21662
#2	-.00111	-.00021	531.20	.00101	-.00059	22.324	.00037	.22830

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	52.725	.26935	-.01823	.00310	.10305	.0249	.42205	6.7143
Stddev	.424	.00100	.00002	.00216	.00659	.0021	.00038	.0729
%RSD	.80380	.36962	.08666	69.814	6.3902	8.301	.09028	1.0859

#1	53.025	.26865	-.01824	.00157	.09839	.0263	.42232	6.7659
#2	52.426	.27005	-.01822	.00463	.10771	.0234	.42178	6.6628

Sample Name: J4875-02 Acquired: 9/19/2018 17:12:03 Type: Unk
 Method: P4-ICP2(v2442) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 4.4047
 Stddev .3655
 %RSD 8.2979

#1 4.6631
 #2 4.1463

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2176.9	30991.	4231.1	102.08	2412.5
Stddev	17.7	16.	23.0	.40	14.2
%RSD	.81133	.05046	.54390	.39646	.58718

#1	2164.4	30980.	4214.8	102.37	2402.5
#2	2189.4	31002.	4247.4	101.79	2422.5

Sample Name: J4875-03 Acquired: 9/19/2018 17:16:11 Type: Unk
Method: P4-ICP2(v2442) 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	.00493	-.00029	.00566	.00163	-.00204	-.03016	.00538	.00004
Stddev	.00113	.00316	.00052	.00025	.00308	.00006	.00011	.00003
%RSD	22.888	1084.7	9.1307	15.568	150.77	.19439	2.0162	74.128

#1	.00413	.00194	.00603	.00145	.00013	-.03012	.00530	.00007
#2	.00572	-.00252	.00530	.00181	-.00421	-.03021	.00545	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00020	30.819	.00063	.00018	.00097	.00404	.00255	81.432
Stddev	.00002	.051	.00050	.00045	.00042	.00484	.00002	.161
%RSD	11.916	.16496	79.094	252.43	43.137	119.64	.92420	.19760

#1	-.00022	30.855	.00099	-.00014	.00127	.00746	.00256	81.546
#2	-.00018	30.783	.00028	.00050	.00067	.00062	.00253	81.319

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00061	.00033	646.59	.00080	-.00039	27.262	.00068	.27922
Stddev	.00014	.00020	2.10	.00045	.00000	.070	.00028	.00595
%RSD	23.570	61.477	.32544	56.928	.57000	.25768	40.960	2.1294

#1	-.00072	.00047	648.08	.00112	-.00039	27.213	.00048	.28343
#2	-.00051	.00018	645.10	.00048	-.00039	27.312	.00087	.27502

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	65.502	.29249	-.02260	.00161	.10997	.0289	.50736	6.7123
Stddev	.145	.00313	.00029	.00064	.00334	.0018	.00260	.1560
%RSD	.22169	1.0686	1.2743	39.633	3.0376	6.279	.51239	2.3241

#1	65.399	.29028	-.02280	.00116	.10761	.0302	.50920	6.6020
#2	65.604	.29470	-.02239	.00207	.11233	.0277	.50552	6.8226

Sample Name: J4875-03 Acquired: 9/19/2018 17:16:11 Type: Unk
 Method: P4-ICP2(v2442) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 4.3874
 Stddev .3190
 %RSD 7.2703

#1 4.1618
 #2 4.6129

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2156.4	30594.	4207.3	102.29	2374.5
Stddev	3.3	2.	13.4	1.55	2.4
%RSD	.15277	.00625	.31764	1.5151	.09990

#1	2158.7	30592.	4197.8	103.39	2376.2
#2	2154.0	30595.	4216.7	101.20	2372.8

Sample Name: J4875-04 Acquired: 9/19/2018 17:20:33 Type: Unk
Method: P4-ICP2(v2442) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00319	-.00109	.00463	.00355	-.00125	-.02695	.00570	.00010
Stddev	.00331	.00086	.00242	.00241	.00060	.00394	.00048	.00004
%RSD	103.49	78.458	52.358	67.826	47.521	14.629	8.4103	41.209

#1	.00553	-.00049	.00634	.00185	-.00083	-.02974	.00536	.00007
#2	.00086	-.00170	.00291	.00526	-.00168	-.02416	.00603	.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	27.040	-.00035	.00024	.00083	-.00872	.00278	69.552
Stddev	.00021	.071	.00046	.00012	.00026	.01406	.00003	.261
%RSD	324.50	.26155	129.91	48.892	31.562	161.21	1.1414	.37512

#1	-.00021	26.990	-.00003	.00032	.00101	-.01866	.00276	69.736
#2	.00008	27.090	-.00068	.00016	.00064	.00122	.00280	69.367

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00191	.00004	551.46	.00093	-.00034	23.235	.00016	.23053
Stddev	.00063	.00001	6.72	.00021	.00005	.009	.00002	.01697
%RSD	33.130	12.941	1.2188	22.902	14.040	.03742	11.905	7.3591

#1	-.00235	.00004	556.21	.00108	-.00030	23.229	.00015	.24253
#2	-.00146	.00005	546.70	.00078	-.00037	23.241	.00018	.21854

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	55.236	.26977	-.01805	.00056	.09071	.0261	.43826	7.0957
Stddev	.075	.00191	.00044	.00011	.00894	.0028	.00119	.1587
%RSD	.13619	.70886	2.4545	19.859	9.8508	10.72	.27152	2.2359

#1	55.183	.26842	-.01774	.00064	.09703	.0281	.43911	6.9835
#2	55.289	.27112	-.01837	.00048	.08439	.0241	.43742	7.2079

Sample Name: J4875-04 Acquired: 9/19/2018 17:20:33 Type: Unk
 Method: P4-ICP2(v2442) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 4.4946
 Stddev .1821
 %RSD 4.0514

#1 4.6234
 #2 4.3659

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2182.5	30689.	4184.0	102.29	2409.2
Stddev	3.2	110.	6.5	.09	5.4
%RSD	.14764	.35776	.15448	.08723	.22530

#1	2180.2	30612.	4179.4	102.22	2405.4
#2	2184.8	30767.	4188.6	102.35	2413.1

Sample Name: PB113030BL Acquired: 9/19/2018 17:24:42 Type: Unk
Method: P4-ICP2(v2442) 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	.00292	-.00067	-.00188	.00149	-.00039	-.00777	-.00163
Stddev	.00175	.00004	.00077	.00039	.00050	.00111	.00077
%RSD	60.027	5.4280	41.044	26.314	129.78	14.302	47.120

#1	.00416	-.00065	-.00133	.00122	-.00074	-.00855	-.00109
#2	.00168	-.00070	-.00242	.00177	-.00003	-.00698	-.00217

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.00003	-.00099	-.00026	.00010	-.00037	.00432
Stddev	.00002	.00001	.00712	.00003	.00006	.00012	.00583
%RSD	103.18	40.049	716.09	10.207	62.491	32.415	134.89

#1	.00000	-.00004	-.00603	-.00028	.00014	-.00028	.00020
#2	.00003	-.00002	.00404	-.00024	.00005	-.00045	.00844

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	.01663	.00093	.00031	-.09093	.00030	-.00085
Stddev	.00014	.00429	.00021	.00001	.00077	.00047	.00001
%RSD	176.53	25.782	23.119	2.6355	.84513	155.75	1.6594

#1	.00002	.01360	.00108	.00031	-.09148	-.00003	-.00084
#2	-.00018	.01966	.00078	.00032	-.09039	.00063	-.00086

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02630	-.00025	-.00216	.00296	-.00103	-.00003	.00296
Stddev	.03736	.00038	.01375	.00041	.00051	.00006	.00063
%RSD	142.08	155.57	635.63	13.982	49.450	190.17	21.316

#1	-.00012	.00002	.00756	.00267	-.00139	.00001	.00341
#2	.05272	-.00052	-.01188	.00325	-.00067	-.00008	.00251

Sample Name: PB113030BL Acquired: 9/19/2018 17:24:42 Type: Unk
Method: P4-ICP2(v2442) 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 -.01512	-.0013	.00028	F 4.0051	F 1.9977
Stddev	.00190	.0016	.00004	.1662	.2767
%RSD	12.583	123.6	14.283	4.1500	13.852

#1	-.01646	-.0002	.00030	4.1226	1.8020
#2	-.01377	-.0024	.00025	3.8876	2.1934

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2371.2	34337.	4342.8	108.26	2986.6
Stddev	6.5	75.	33.0	3.33	8.3
%RSD	.27361	.21815	.76067	3.0758	.27878

#1	2366.6	34285.	4319.5	105.90	2980.7
#2	2375.8	34390.	4366.2	110.61	2992.5

Sample Name: PB113030BS Acquired: 9/19/2018 17:28:46 Type: Unk
Method: P4-ICP2(v2442) 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	.81678	1.9726	1.0050	2.0221	.86504	2.1176	.21380
Stddev	.00129	.0048	.0030	.0020	.00125	.0101	.00115
%RSD	.15786	.24414	.29946	.09935	.14498	.47708	.53568

#1	.81769	1.9692	1.0072	2.0235	.86415	2.1104	.21299
#2	.81587	1.9760	1.0029	2.0207	.86593	2.1247	.21461

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18774	.19666	1.0427	.40017	.19835	.30161	3.0222
Stddev	.00047	.00022	.0092	.00051	.00037	.00007	.0040
%RSD	.24835	.11170	.88707	.12701	.18510	.02325	.13059

#1	.18741	.19681	1.0362	.40052	.19809	.30156	3.0250
#2	.18807	.19650	1.0493	.39981	.19861	.30166	3.0195

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21358	2.0845	.48479	.07056	2.6749	.30397	.20441
Stddev	.00017	.0097	.00151	.00015	.0394	.00021	.00017
%RSD	.07758	.46486	.31083	.20863	1.4744	.06976	.08454

#1	.21346	2.0777	.48372	.07066	2.6470	.30382	.20428
#2	.21369	2.0914	.48586	.07045	2.7027	.30412	.20453

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.490	.46184	.29519	F -.00291	.92846	.68015	.21936
Stddev	.006	.00201	.01467	.00000	.00119	.00022	.00038
%RSD	.05260	.43498	4.9712	.09290	.12869	.03251	.17324

#1	10.494	.46042	.28481	-.00291	.92762	.67999	.21909
#2	10.486	.46326	.30556	-.00291	.92931	.68030	.21963

Sample Name: PB113030BS Acquired: 9/19/2018 17:28:46 Type: Unk
Method: P4-ICP2(v2442) 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 1.7928	5.151	.20849	F 4.1817	F .57228
Stddev	.0006	.001	.00149	.3822	.11107
%RSD	.03399	.0130	.71599	9.1408	19.409

#1	1.7924	5.151	.20743	4.4519	.65082
#2	1.7933	5.150	.20954	3.9114	.49374

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2337.0	34413.	4343.1	106.71	2933.8
Stddev	13.4	96.	24.8	.51	13.1
%RSD	.57361	.27921	.57162	.47422	.44607

#1	2327.5	34345.	4360.7	106.35	2924.6
#2	2346.4	34481.	4325.6	107.07	2943.1

Sample Name: PB113023BL Acquired: 9/19/2018 17:32:37 Type: Unk
Method: P4-ICP2(v2442) 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	.00318	-.00065	-.00062	.00397	.00034	-.02263	-.00200
Stddev	.00492	.00042	.00027	.00029	.00102	.00530	.00010
%RSD	154.76	63.543	43.467	7.3669	301.54	23.399	5.1224

#1	.00666	-.00095	-.00043	.00376	-.00038	-.02638	-.00207
#2	-.00030	-.00036	-.00081	.00417	.00106	-.01889	-.00193

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.00002	-.00044	-.00048	.00010	-.00053	.00099
Stddev	.00008	.00005	.01695	.00086	.00012	.00076	.00599
%RSD	425.88	301.29	3836.5	178.64	121.69	143.26	602.78

#1	.00004	.00002	-.01243	.00013	.00001	.00001	-.00324
#2	-.00007	-.00005	.01155	-.00109	.00018	-.00107	.00523

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	.03752	.00114	.00038	-.45161	.00018	-.00089
Stddev	.00003	.00214	.00006	.00053	.01693	.00021	.00003
%RSD	26.466	5.7125	5.0229	139.40	3.7481	117.30	3.5032

#1	-.00015	.03904	.00118	.00075	-.46358	.00033	-.00087
#2	-.00010	.03601	.00110	.00001	-.43964	.00003	-.00091

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.05594	-.00007	.00197	-.00023	-.00281	-.00089	.00304
Stddev	.00731	.00008	.01133	.00980	.00396	.00088	.00140
%RSD	13.062	112.22	576.41	4231.5	141.21	98.086	45.857

#1	-.05077	-.00013	-.00605	-.00716	-.00000	-.00027	.00403
#2	-.06110	-.00001	.00998	.00670	-.00561	-.00151	.00206

Sample Name: PB113023BL Acquired: 9/19/2018 17:32:37 Type: Unk
 Method: P4-ICP2(v2442) 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 -.03121	-.0027	.00026	F 3.5591	F 1.6241
Stddev	.01817	.0006	.00007	.4426	.3014
%RSD	58.224	23.06	26.778	12.436	18.557

#1	-.04405	-.0022	.00021	3.8721	1.8372
#2	-.01836	-.0031	.00031	3.2462	1.4110

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2390.2	34647.	4390.8	108.25	2996.2
Stddev	9.6	75.	5.1	1.61	11.8
%RSD	.39975	.21629	.11507	1.4830	.39236

#1	2383.4	34594.	4394.3	109.39	2987.9
#2	2397.0	34700.	4387.2	107.12	3004.5

Sample Name: PB113023BS Acquired: 9/19/2018 17:36:41 Type: Unk
Method: P4-ICP2(v2442) 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	.86681	2.0736	1.0584	2.1417	.87947	2.2355	.22740
Stddev	.00472	.0050	.0026	.0060	.00313	.0179	.00083
%RSD	.54435	.23909	.24596	.28060	.35644	.80238	.36386

#1	.86348	2.0701	1.0602	2.1459	.88168	2.2228	.22798
#2	.87015	2.0771	1.0565	2.1374	.87725	2.2482	.22681

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19817	.20749	1.1086	.42214	.20881	.31932	3.1846
Stddev	.00042	.00009	.0144	.00249	.00012	.00087	.0088
%RSD	.21177	.04409	1.2984	.58922	.05664	.27180	.27706

#1	.19847	.20742	1.0984	.42390	.20873	.31994	3.1908
#2	.19788	.20755	1.1187	.42038	.20889	.31871	3.1783

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22521	2.1811	.51113	.07457	2.7241	.32054	.21429
Stddev	.00062	.0160	.00072	.00062	.0389	.00110	.00010
%RSD	.27461	.73295	.14051	.83468	1.4266	.34431	.04486

#1	.22564	2.1924	.51164	.07413	2.6966	.31976	.21423
#2	.22477	2.1698	.51062	.07501	2.7516	.32132	.21436

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.088	.46892	.31969	F -.00628	.95669	.69449	.22234
Stddev	.032	.00070	.00125	.00167	.00377	.00112	.00240
%RSD	.28450	.14906	.39092	26.557	.39452	.16082	1.0786

#1	11.110	.46941	.32057	-.00510	.95402	.69528	.22064
#2	11.065	.46843	.31881	-.00746	.95936	.69370	.22404

Sample Name: PB113023BS Acquired: 9/19/2018 17:36:41 Type: Unk
Method: P4-ICP2(v2442) 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 1.9082	5.450	.22137	F 4.2722	.95206
Stddev	.0105	.012	.00100	.0183	.19353
%RSD	.55024	.2280	.45155	.42763	20.327

#1	1.9008	5.459	.22067	4.2593	.81522
#2	1.9157	5.441	.22208	4.2851	1.0889

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2331.1	34427.	4334.0	107.38	2921.5
Stddev	13.4	105.	17.1	.50	10.8
%RSD	.57497	.30496	.39447	.46809	.37026

#1	2321.6	34353.	4346.1	107.02	2913.9
#2	2340.6	34501.	4321.9	107.73	2929.2

Sample Name: PB113023TB Acquired: 9/19/2018 17:40:32 Type: Unk
Method: P4-ICP2(v2442) 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	-.00184	-.00240	-.00007	.00757	-.00106	.00014	-.00326	-.00007
Stddev	.00120	.00054	.00066	.00275	.00015	.01680	.00013	.00001
%RSD	65.019	22.413	1018.2	36.387	14.481	12119.	4.0319	12.173

#1	-.00100	-.00202	-.00053	.00952	-.00096	.01202	-.00317	-.00008
#2	-.00269	-.00279	.00040	.00562	-.00117	-.01174	-.00335	-.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	.02083	.00083	-.00060	-.00027	.00874	.00014	.04222
Stddev	.00005	.00385	.00049	.00012	.00027	.01292	.00003	.02929
%RSD	42.668	18.465	58.238	20.036	100.75	147.84	18.257	69.366

#1	-.00008	.02354	.00049	-.00069	-.00008	-.00040	.00016	.02151
#2	-.00015	.01811	.00118	-.00052	-.00046	.01787	.00012	.06293

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00194	.00004	F 322.63	-.00045	.00419	-.01399	.00008	.00509
Stddev	.00020	.00040	.40	.00031	.00006	.00446	.00006	.00178
%RSD	10.315	940.14	.12368	68.219	1.5502	31.889	79.956	34.955

#1	.00180	.00033	322.91	-.00067	.00414	-.01714	.00003	.00383
#2	.00208	-.00024	322.35	-.00024	.00423	-.01083	.00012	.00634

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00369	.00215	.00282	.00197	-.03475	-.0016	.00040	F 5.5420
Stddev	.00178	.00195	.00001	.00238	.00604	.0007	.00003	.4597
%RSD	48.270	90.620	.34884	120.77	17.394	41.82	6.4233	8.2950

#1	.00495	.00077	.00282	.00029	-.03902	-.0021	.00042	5.8670
#2	.00243	.00353	.00281	.00365	-.03047	-.0011	.00038	5.2169

Sample Name: PB113023TB Acquired: 9/19/2018 17:40:32 Type: Unk
Method: P4-ICP2(v2442) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3.7026
Stddev .4725
%RSD 12.762

#1 4.0368
#2 3.3685

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2210.9	32030.	4302.2	104.28	2582.0
Stddev	5.3	178.	5.8	1.66	7.7
%RSD	.23870	.55442	.13440	1.5878	.29646

#1	2207.1	31905.	4298.1	105.45	2576.6
#2	2214.6	32156.	4306.3	103.11	2587.4

Sample Name: PB113022BL Acquired: 9/19/2018 17:44:42 Type: Unk
Method: P4-ICP2(v2442) 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	.00486	-.00018	-.00101	.00252	.00217	-.01519	-.00184
Stddev	.00100	.00124	.00004	.00108	.00016	.00988	.00045
%RSD	20.508	692.20	3.9425	42.753	7.1486	65.042	24.607

#1	.00557	-.00106	-.00098	.00176	.00228	-.02218	-.00152
#2	.00416	.00070	-.00104	.00329	.00206	-.00821	-.00216

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	.00006	-.00945	-.00084	.00011	-.00041	-.00201
Stddev	.00006	.00007	.01122	.00035	.00023	.00006	.00701
%RSD	147.64	114.44	118.77	41.366	215.56	13.776	348.31

#1	.00000	.00001	-.00151	-.00108	.00027	-.00037	-.00697
#2	-.00008	.00010	-.01739	-.00059	-.00006	-.00046	.00295

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	-.01221	.00144	-.00012	-.53122	-.00019	-.00078
Stddev	.00011	.02668	.00011	.00074	.00728	.00057	.00001
%RSD	284.88	218.53	7.4793	601.74	1.3698	303.72	.93692

#1	.00004	-.03107	.00136	.00040	-.53636	.00022	-.00077
#2	-.00012	.00666	.00151	-.00065	-.52607	-.00059	-.00079

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.06456	.00006	.00489	-.00155	-.00477	-.00042	.00206
Stddev	.01890	.00020	.01257	.00078	.00111	.00055	.00149
%RSD	29.282	342.80	256.81	50.309	23.370	131.74	72.543

#1	-.05119	-.00008	-.00399	-.00100	-.00398	-.00080	.00312
#2	-.07792	.00020	.01378	-.00210	-.00555	-.00003	.00100

Sample Name: PB113022BL Acquired: 9/19/2018 17:44:42 Type: Unk
Method: P4-ICP2(v2442) 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 -.03476	-.0020	.00023	F 4.4036	F 1.9501
Stddev	.00119	.0031	.00015	.6922	.4358
%RSD	3.4107	152.6	65.762	15.720	22.347

#1	-.03560	.0002	.00033	4.8931	1.6420
#2	-.03392	-.0042	.00012	3.9141	2.2583

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2355.8	33957.	4270.1	105.26	2948.8
Stddev	2.3	125.	28.7	.20	.0
%RSD	.09626	.36827	.67255	.19288	.00003

#1	2357.4	33869.	4249.8	105.12	2948.8
#2	2354.2	34045.	4290.4	105.40	2948.8

Sample Name: CCV07 Acquired: 9/19/2018 17:53:48 Type: Unk
Method: P4-ICP2(v2442) 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	5.4102	5.1065	5.2958	5.3171	5.4618	10.875	10.602	.26118
Stddev	.0070	.0139	.0010	.0020	.0027	.003	.003	.00019
%RSD	.12974	.27272	.01868	.03721	.04916	.02574	.02552	.07181
#1	5.4151	5.1163	5.2965	5.3157	5.4637	10.873	10.603	.26131
#2	5.4052	5.0966	5.2951	5.3185	5.4599	10.877	10.600	.26105
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5957	25.368	1.0309	2.6327	1.3094	5.2108	2.6460	25.456
Stddev	.0039	.073	.0014	.0018	.0013	.0753	.0031	.092
%RSD	.15187	.28645	.13390	.06698	.10093	1.4444	.11529	.36202
#1	2.5984	25.420	1.0319	2.6339	1.3104	5.2640	2.6438	25.521
#2	2.5929	25.317	1.0300	2.6314	1.3085	5.1575	2.6481	25.391
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5920	1.3062	25.265	2.5311	2.7401	26.567	5.4487	4.8694
Stddev	.0021	.0011	.005	.0017	.0327	.039	.0040	.0099
%RSD	.08215	.08359	.01840	.06514	1.1925	.14639	.07253	.20401
#1	2.5935	1.3070	25.262	2.5323	2.7632	26.595	5.4515	4.8624
#2	2.5905	1.3054	25.268	2.5300	2.7170	26.540	5.4459	4.8765
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2614	4.9673	5.1958	5.2456	4.7173	5.259	5.3532	F 5.5757
Stddev	.0073	.0190	.0110	.0200	.0182	.001	.0110	.0025
%RSD	.13831	.38176	.21193	.38082	.38520	.0150	.20462	.04558
#1	5.2563	4.9807	5.2036	5.2597	4.7301	5.258	5.3609	5.5775
#2	5.2666	4.9539	5.1880	5.2314	4.7044	5.260	5.3455	5.5739

Sample Name: CCV07 Acquired: 9/19/2018 17:53:48 Type: Unk
Method: P4-ICP2(v2442) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3.4122
Stddev .3368
%RSD 9.8720

#1 3.1740
#2 3.6503

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2248.4	32169.	4133.9	97.513	2596.3
Stddev	10.2	33.	17.2	1.497	12.3
%RSD	.45370	.10259	.41488	1.5349	.47488

#1	2241.2	32145.	4121.8	96.455	2587.6
#2	2255.6	32192.	4146.0	98.571	2605.0

Sample Name: CCB07 Acquired: 9/19/2018 17:57:33 Type: Unk
Method: P4-ICP2(v2442) 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	.00454	.00091	-.00103	.00244	.00129	-.00897	-.00111
Stddev	.00303	.00193	.00098	.00391	.00186	.00594	.00099
%RSD	66.869	212.05	95.107	160.22	144.10	66.205	89.158

#1	.00239	-.00046	-.00034	.00521	-.00002	-.01317	-.00181
#2	.00668	.00228	-.00172	-.00032	.00260	-.00477	-.00041

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.00001	-.01058	-.00017	.00012	-.00018	.00466
Stddev	.00005	.00009	.01240	.00090	.00013	.00016	.00536
%RSD	246.71	717.12	117.21	528.11	103.73	90.291	115.14

#1	.00005	-.00008	-.00181	.00047	.00003	-.00030	.00845
#2	-.00001	.00005	-.01935	-.00081	.00021	-.00007	.00087

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	.02734	.00101	.00006	-.58968	-.00009	-.00076
Stddev	.00004	.04328	.00022	.00043	.00539	.00020	.00006
%RSD	32.647	158.34	21.830	674.15	.91454	225.95	8.5181

#1	-.00013	.05794	.00085	-.00024	-.59349	.00005	-.00072
#2	-.00008	-.00327	.00116	.00036	-.58587	-.00023	-.00081

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.07877	.00083	.00436	-.00823	-.00029	-.00026	.00366
Stddev	.03385	.00005	.01014	.00076	.00127	.00049	.00063
%RSD	42.977	5.4416	232.64	9.2211	443.02	190.72	17.205

#1	-.05483	.00080	.01153	-.00876	-.00118	.00009	.00411
#2	-.10271	.00086	-.00281	-.00769	.00061	-.00061	.00322

Sample Name: CCB07 Acquired: 9/19/2018 17:57:33 Type: Unk
 Method: P4-ICP2(v2442) 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 -.03827	-.0021	.00034	F 4.3452	F 1.3877
Stddev	.00346	.0014	.00013	.2641	.0887
%RSD	9.0335	67.08	38.916	6.0788	6.3955

#1	-.04071	-.0032	.00044	4.1584	1.4505
#2	-.03582	-.0011	.00025	4.5319	1.3250

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2317.7	33291.	4125.5	101.31	2893.7
Stddev	6.3	41.	9.6	.86	.6
%RSD	.27306	.12318	.23224	.84865	.02221

#1	2313.3	33262.	4132.3	100.70	2894.2
#2	2322.2	33320.	4118.8	101.92	2893.3

Sample Name: PB113022TB Acquired: 9/19/2018 18:01:38 Type: Unk
Method: P4-ICP2(v2442) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BPSI-HN-MW24 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00127	-.00212	-.00078	.00678	.00069	-.00559	-.00239	-.00012
Stddev	.00060	.00084	.00050	.00145	.00077	.00029	.00037	.00007
%RSD	47.040	39.587	64.168	21.414	111.72	5.2240	15.523	54.626

#1	.00169	-.00272	-.00113	.00576	.00014	-.00579	-.00213	-.00007
#2	.00085	-.00153	-.00042	.00781	.00123	-.00538	-.00266	-.00017

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00017	.03797	.00051	-.00017	-.00005	.00831	.00012	.06057
Stddev	.00002	.00217	.00065	.00018	.00055	.00722	.00004	.01223
%RSD	9.4458	5.7246	129.08	106.42	1162.2	86.843	37.245	20.197

#1	-.00016	.03951	.00097	-.00029	.00034	.01341	.00015	.05192
#2	-.00018	.03644	.00004	-.00004	-.00044	.00321	.00009	.06922

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00147	-.00014	F 344.29	.00018	.00434	-.09044	.00024	-.00003
Stddev	.00022	.00014	1.86	.00070	.00006	.00855	.00039	.00057
%RSD	15.185	98.309	.54104	398.90	1.4921	9.4497	163.82	2178.2

#1	.00162	-.00004	345.61	.00068	.00429	-.08440	.00052	.00037
#2	.00131	-.00024	342.97	-.00032	.00438	-.09649	-.00004	-.00043

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00746	.00670	.00271	.00432	-.02454	-.0016	.00036	F 6.7370
Stddev	.00014	.00322	.00069	.00120	.00454	.0008	.00007	.2221
%RSD	1.8150	48.011	25.527	27.728	18.506	48.66	20.841	3.2969

#1	.00736	.00443	.00320	.00517	-.02775	-.0022	.00041	6.5799
#2	.00755	.00898	.00222	.00347	-.02133	-.0011	.00031	6.8940

Sample Name: PB113022TB Acquired: 9/19/2018 18:01:38 Type: Unk
Method: P4-ICP2(v2442) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BPSI-HN-MW24 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 4.1510
Stddev .2871
%RSD 6.9160

#1 4.3540
#2 3.9480

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2160.4	30872.	4148.6	101.47	2511.9
Stddev	11.4	44.	39.1	.84	11.0
%RSD	.52745	.14392	.94334	.82780	.43966

#1	2152.3	30840.	4120.9	102.06	2504.1
#2	2168.4	30903.	4176.3	100.87	2519.7

Sample Name: J4875-01DUP Acquired: 9/19/2018 18:16:02 Type: Unk
Method: P4-ICP2(v2442) 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	.00867	-.00067	.00735	.00365	-.00104	-.05422	.02162	.00015
Stddev	.00359	.00094	.00094	.00256	.00245	.01524	.00042	.00004
%RSD	41.424	140.37	12.728	70.139	235.67	28.110	1.9218	26.235

#1	.01121	-.00000	.00669	.00184	.00069	-.06500	.02133	.00018
#2	.00613	-.00134	.00801	.00546	-.00277	-.04344	.02192	.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00038	82.927	.00020	.00034	.01475	-.00666	.00878	218.54
Stddev	.00013	.403	.00015	.00024	.00045	.00474	.00007	.09
%RSD	33.928	.48539	76.744	70.450	3.0187	71.182	.74276	.04114

#1	-.00029	82.642	.00031	.00051	.01443	-.00331	.00883	218.47
#2	-.00048	83.211	.00009	.00017	.01506	-.01002	.00874	218.60

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00191	-.00007	1604.3	.00143	.00055	75.904	.00191	.74067
Stddev	.00011	.00042	17.6	.00085	.00012	.333	.00073	.00039
%RSD	5.7399	591.48	1.0960	59.339	20.803	.43838	38.399	.05321

#1	-.00184	.00023	1616.7	.00203	.00063	75.669	.00139	.74039
#2	-.00199	-.00037	1591.8	.00083	.00047	76.139	.00243	.74095

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	188.06	.84657	-.06704	-.00082	.27753	.0932	1.3616	8.7691
Stddev	.04	.02046	.00092	.00354	.00199	.0017	.0040	.1692
%RSD	.02237	2.4163	1.3664	432.24	.71609	1.799	.29006	1.9293

#1	188.09	.83211	-.06640	.00168	.27894	.0921	1.3644	8.8887
#2	188.03	.86104	-.06769	-.00332	.27613	.0944	1.3588	8.6494

Sample Name: J4875-01DUP Acquired: 9/19/2018 18:16:02 Type: Unk
 Method: P4-ICP2(v2442) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 5.7067
 Stddev .2037
 %RSD 3.5698

#1 5.8508
 #2 5.5627

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2067.6	28910.	4097.8	98.909	2171.2
Stddev	2.3	171.	30.2	2.131	2.2
%RSD	.11176	.58992	.73810	2.1547	.10150

#1	2069.2	28790.	4119.2	100.42	2172.7
#2	2066.0	29031.	4076.5	97.402	2169.6

Sample Name: J4875-01LX5 Acquired: 9/19/2018 18:20:09 Type: Unk
Method: P4-ICP2(v2442) 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	.00611	-.00062	.00249	.00322	-.00040	-.02040	.00385	.00005
Stddev	.00141	.00032	.00033	.00315	.00010	.00398	.00052	.00007
%RSD	23.121	51.290	13.087	97.877	25.216	19.509	13.521	150.96

#1	.00711	-.00040	.00226	.00099	-.00047	-.01759	.00421	-.00000
#2	.00511	-.00085	.00272	.00545	-.00033	-.02322	.00348	.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	17.439	-.00038	.00032	.00342	-.00017	.00166	43.569
Stddev	.00005	.062	.00036	.00008	.00029	.02107	.00005	.324
%RSD	60.523	.35557	96.147	24.428	8.4751	12488.	2.8878	.74283

#1	-.00005	17.483	-.00063	.00027	.00321	-.01507	.00169	43.798
#2	-.00013	17.395	-.00012	.00038	.00362	.01473	.00162	43.340

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00096	.00052	352.25	.00078	-.00048	14.953	.00033	.15851
Stddev	.00041	.00058	4.47	.00005	.00009	.055	.00025	.00215
%RSD	43.061	111.66	1.2693	6.4377	18.276	.36683	75.481	1.3551

#1	-.00125	.00011	355.41	.00082	-.00042	14.992	.00015	.15699
#2	-.00067	.00094	349.09	.00074	-.00054	14.914	.00051	.16003

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	34.194	.17134	-.01116	.00380	.09275	.0138	.27938	6.4671
Stddev	.078	.00508	.00005	.00149	.00476	.0038	.00378	.0794
%RSD	.22927	2.9656	.46484	39.123	5.1283	27.32	1.3539	1.2282

#1	34.250	.17493	-.01120	.00275	.09611	.0165	.28205	6.4110
#2	34.139	.16775	-.01113	.00485	.08939	.0112	.27670	6.5233

Sample Name: J4875-01LX5 Acquired: 9/19/2018 18:20:09 Type: Unk
Method: P4-ICP2(v2442) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 3.8856
Stddev .3859
%RSD 9.9318

#1 3.6127
#2 4.1585

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2223.0	31292.	4208.0	100.33	2501.7
Stddev	7.3	111.	47.6	2.10	8.1
%RSD	.33041	.35477	1.1314	2.0904	.32270

#1	2217.9	31371.	4174.4	98.847	2496.0
#2	2228.2	31214.	4241.7	101.81	2507.4

Sample Name: J4875-01MS Acquired: 9/19/2018 18:24:17 Type: Unk
Method: P4-ICP2(v2442) 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	.96649	2.0330	1.1320	2.3996	.90858	2.4232	.23940	.24285	.23134
Stddev	.00092	.0005	.0033	.0061	.00278	.0276	.00053	.00050	.00054
%RSD	.09540	.02317	.29169	.25438	.30630	1.1370	.22185	.20601	.23556
#1	.96584	2.0333	1.1343	2.3953	.90661	2.4037	.23977	.24321	.23172
#2	.96714	2.0326	1.1296	2.4040	.91054	2.4427	.23902	.24250	.23095
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	83.531	.44301	.22169	.30471	3.3343	.22838	219.08	.56019	.08660
Stddev	.262	.00102	.00011	.00002	.0696	.00026	1.25	.00032	.00002
%RSD	.31367	.23123	.04971	.00526	2.0858	.11595	.56943	.05645	.02793
#1	83.346	.44374	.22161	.30472	3.3834	.22857	218.20	.55996	.08658
#2	83.716	.44229	.22176	.30470	3.2851	.22820	219.96	.56041	.08661
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	1590.7	.32230	.23031	87.065	.42830	1.0317	184.22	1.7584	.70486
Stddev	4.2	.00078	.00186	.074	.00088	.0039	.30	.0108	.00040
%RSD	.26174	.24356	.80930	.08444	.20562	.37600	.16294	.61170	.05625
#1	1593.6	.32174	.23163	87.013	.42767	1.0290	184.43	1.7508	.70514
#2	1587.8	.32285	.22899	87.117	.42892	1.0345	184.01	1.7660	.70458
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.21135	2.2924	7.770	1.5662	8.3641	6.3379			
Stddev	.00325	.0197	.013	.0005	.2051	.0450			
%RSD	1.5363	.85747	.1667	.03089	2.4525	.70969			
#1	.21365	2.2785	7.761	1.5665	8.2190	6.3061			
#2	.20906	2.3063	7.779	1.5658	8.5091	6.3697			

Sample Name: J4875-01MS Acquired: 9/19/2018 18:24:17 Type: Unk
 Method: P4-ICP2(v2442) 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	2095.8	29244.	4070.2	96.512	2183.5
Stddev	6.7	50.	27.1	.624	.5
%RSD	.32137	.17179	.66485	.64705	.02231
#1	2100.5	29279.	4089.3	96.070	2183.9
#2	2091.0	29208.	4051.1	96.953	2183.2

Sample Name: J4875-01MSD Acquired: 9/19/2018 18:28:12 Type: Unk
Method: P4-ICP2(v2442) 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	.95298	2.0115	1.1193	2.3789	.90948	2.3834	.23501	.23991	.22856
Stddev	.00349	.0010	.0037	.0064	.00224	.0328	.00002	.00094	.00017
%RSD	.36598	.04701	.33484	.27001	.24581	1.3778	.00859	.39354	.07339

#1	.95051	2.0108	1.1166	2.3743	.90790	2.3602	.23503	.23925	.22868
#2	.95545	2.0122	1.1219	2.3834	.91106	2.4066	.23500	.24058	.22844

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	82.766	.43544	.21931	.30155	3.2437	.22621	215.99	.55426	.08514
Stddev	.517	.00023	.00092	.00072	.0187	.00036	.32	.00111	.00037
%RSD	.62423	.05283	.42010	.23960	.57621	.16112	.14826	.20048	.43522

#1	83.131	.43560	.21866	.30206	3.2305	.22595	216.21	.55347	.08541
#2	82.400	.43528	.21996	.30104	3.2570	.22647	215.76	.55504	.08488

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	1549.0	.31477	.22201	86.103	.42957	1.0058	182.60	1.7274	.70285
Stddev	19.7	.00343	.00366	.176	.00343	.0092	.30	.0122	.00535
%RSD	1.2715	1.0909	1.6469	.20417	.79841	.91239	.16654	.70767	.76147

#1	1562.9	.31235	.21943	86.227	.42715	.99933	182.81	1.7187	.69906
#2	1535.0	.31720	.22460	85.979	.43200	1.0123	182.38	1.7360	.70663

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21141	2.2644	7.681	1.5504	8.4447	6.2137
Stddev	.00063	.0047	.024	.0048	.3445	.0470
%RSD	.29991	.20909	.3068	.31151	4.0792	.75600

#1	.21097	2.2610	7.664	1.5539	8.6883	6.2469
#2	.21186	2.2677	7.697	1.5470	8.2012	6.1804

Sample Name: J4875-01MSD Acquired: 9/19/2018 18:28:12 Type: Unk
Method: P4-ICP2(v2442) 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	2093.4	29136.	4089.6	98.908	2183.4
Stddev	5.9	53.	10.7	1.310	5.4
%RSD	.28339	.18054	.26210	1.3240	.24869
#1	2089.2	29173.	4097.2	99.834	2179.5
#2	2097.6	29099.	4082.0	97.982	2187.2

Sample Name: J4875-01A Acquired: 9/19/2018 18:32:08 Type: Unk
Method: P4-ICP2(v2442) 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	.94058	2.0056	1.1149	2.3713	.90968	2.4134	.23555	.23992	.22858
Stddev	.00333	.0015	.0024	.0123	.00723	.0021	.00035	.00020	.00003
%RSD	.35449	.07683	.21767	.51894	.79470	.08755	.14939	.08186	.01116
#1	.93822	2.0045	1.1132	2.3626	.90457	2.4149	.23580	.24006	.22860
#2	.94294	2.0067	1.1166	2.3800	.91479	2.4119	.23530	.23978	.22856
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	82.701	.43351	.21916	.30210	3.1870	.22684	216.45	.55594	.08567
Stddev	.606	.00117	.00015	.00062	.0548	.00019	1.05	.00035	.00059
%RSD	.73326	.27058	.06856	.20360	1.7193	.08165	.48721	.06304	.68531
#1	83.130	.43268	.21906	.30167	3.1483	.22671	217.19	.55618	.08526
#2	82.272	.43434	.21927	.30254	3.2258	.22697	215.70	.55569	.08609
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	1530.6	.31913	.21915	86.434	.42537	1.0195	181.94	1.7307	.70100
Stddev	21.0	.00050	.00000	.598	.00012	.0073	1.32	.0185	.00277
%RSD	1.3696	.15536	.00005	.69146	.02873	.71102	.72708	1.0668	.39518
#1	1545.4	.31948	.21915	86.856	.42545	1.0246	181.01	1.7438	.70296
#2	1515.7	.31877	.21915	86.011	.42528	1.0144	182.88	1.7177	.69904
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.21130	2.2581	7.676	1.5457	8.6001	6.1130			
Stddev	.00248	.0025	.012	.0075	.4628	.5097			
%RSD	1.1728	.11137	.1605	.48556	5.3819	8.3386			
#1	.21305	2.2598	7.684	1.5510	8.9274	5.7526			
#2	.20955	2.2563	7.667	1.5404	8.2728	6.4735			

Sample Name: J4875-01A Acquired: 9/19/2018 18:32:08 Type: Unk
Method: P4-ICP2(v2442) 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	2097.3	28986.	4072.6	99.823	2184.8
Stddev	17.1	69.	38.8	1.014	16.1
%RSD	.81382	.23775	.95325	1.0162	.73629
#1	2109.3	29035.	4045.2	100.54	2196.2
#2	2085.2	28938.	4100.1	99.105	2173.4

Sample Name: J4960-01DLX10 Acquired: 9/19/2018 18:36:05 Type: Unk
Method: P4-ICP2(v2442) 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	.06293	-.00287	.02400	-.01611	.00484	11.632	.08466
Stddev	.00226	.00060	.00057	.00173	.00065	.002	.00104
%RSD	3.5848	20.986	2.3691	10.726	13.506	.02120	1.2262

#1	.06133	-.00330	.02360	-.01733	.00531	11.633	.08539
#2	.06452	-.00245	.02440	-.01489	.00438	11.630	.08392

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00086	.00074	3.3864	.09147	.00764	-.00744	159.70
Stddev	.00008	.00013	.0084	.00006	.00011	.00141	1.52
%RSD	9.2381	18.125	.24804	.06576	1.4234	18.993	.95154

#1	.00080	.00084	3.3805	.09143	.00772	-.00644	158.63
#2	.00092	.00065	3.3924	.09151	.00756	-.00844	160.78

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12207	2.5214	.02121	-.00474	2.1009	.14631	.23347
Stddev	.00032	.0436	.00064	.00083	.0450	.00101	.00318
%RSD	.26531	1.7304	3.0083	17.525	2.1415	.69105	1.3631

#1	.12184	2.4905	.02076	-.00532	2.1327	.14560	.23122
#2	.12230	2.5522	.02167	-.00415	2.0691	.14703	.23572

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5777	-.00028	.11633	2.2175	.15220	.00426	.29785
Stddev	.0080	.00008	.00075	.0026	.00092	.00190	.00279
%RSD	.30853	28.821	.64539	.11552	.60398	44.619	.93622

#1	2.5833	-.00034	.11579	2.2157	.15155	.00560	.29982
#2	2.5720	-.00022	.11686	2.2193	.15285	.00291	.29588

Sample Name: J4960-01DLX10 Acquired: 9/19/2018 18:36:05 Type: Unk
Method: P4-ICP2(v2442) 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	.08368	4.392	.02262	F<.00000	4.4942
Stddev	.00346	.013	.00006	.73914	.1401
%RSD	4.1371	.2912	.27290	8.3452	3.1175

#1	.08123	4.383	.02266	-8.3344	4.3951
#2	.08612	4.401	.02257	-9.3797	4.5932

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2373.8	33838.	4303.3	103.70	2817.0
Stddev	12.9	95.	4.4	.92	10.3
%RSD	.54384	.27986	.10169	.89065	.36568

#1	2364.7	33771.	4306.4	104.35	2809.8
#2	2382.9	33905.	4300.2	103.04	2824.3

Sample Name: CCV08 Acquired: 9/19/2018 18:40:06 Type: Unk
Method: P4-ICP2(v2442) 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	5.0899	4.8337	4.9554	5.0811	5.1764	10.678	10.116	.24816
Stddev	.0098	.0027	.0000	.0019	.0125	.104	.032	.00051
%RSD	.19289	.05590	.00082	.03655	.24149	.97558	.32062	.20720
#1	5.0830	4.8318	4.9553	5.0797	5.1852	10.751	10.093	.24853
#2	5.0969	4.8356	4.9554	5.0824	5.1675	10.604	10.139	.24780
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4474	24.099	.97691	2.4804	1.2375	4.9453	2.5342	23.824
Stddev	.0018	.089	.00276	.0023	.0012	.0962	.0075	.105
%RSD	.07228	.36768	.28282	.09164	.09920	1.9456	.29669	.44161
#1	2.4462	24.036	.97496	2.4788	1.2384	4.8772	2.5396	23.749
#2	2.4487	24.161	.97886	2.4820	1.2366	5.0133	2.5289	23.898
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4620	1.2337	24.122	2.4375	2.5632	25.445	5.1420	4.7438
Stddev	.0034	.0031	.153	.0061	.0631	.135	.0072	.0008
%RSD	.13869	.25408	.63297	.24848	2.4613	.52892	.14027	.01608
#1	2.4644	1.2359	24.014	2.4418	2.5186	25.350	5.1471	4.7433
#2	2.4596	1.2314	24.230	2.4333	2.6078	25.540	5.1369	4.7444
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0020	4.5942	4.8649	4.9370	4.6370	5.015	5.0731	5.1249
Stddev	.0009	.0415	.0141	.0067	.0125	.007	.0129	.5972
%RSD	.01833	.90367	.29060	.13548	.26949	.1443	.25378	11.653
#1	5.0013	4.5648	4.8549	4.9417	4.6459	5.020	5.0640	5.5472
#2	5.0026	4.6235	4.8749	4.9323	4.6282	5.010	5.0822	4.7026

Sample Name: CCV08 Acquired: 9/19/2018 18:40:06 Type: Unk
Method: P4-ICP2(v2442) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3.6835
Stddev .1247
%RSD 3.3850

#1 3.7717
#2 3.5954

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2317.1	32742.	4261.8	101.05	2684.9
Stddev	11.0	195.	15.6	2.30	5.6
%RSD	.47590	.59701	.36601	2.2732	.20708

#1	2309.4	32604.	4272.8	102.67	2681.0
#2	2324.9	32880.	4250.7	99.426	2688.8

Sample Name: CCB08 Acquired: 9/19/2018 18:43:51 Type: Unk
Method: P4-ICP2(v2442) 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	.00313	.00069	-.00188	.00223	.00111	-.01978	-.00072
Stddev	.00096	.00011	.00140	.00070	.00030	.00528	.00046
%RSD	30.814	15.859	74.238	31.489	26.827	26.687	64.569

#1	.00381	.00061	-.00089	.00273	.00133	-.01605	-.00104
#2	.00245	.00076	-.00287	.00173	.00090	-.02351	-.00039

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.00007	.00073	.00008	.00005	-.00088	-.00126
Stddev	.00009	.00010	.00976	.00034	.00000	.00024	.00518
%RSD	149.90	156.98	1337.2	429.46	4.7176	27.163	410.98

#1	.00012	.00014	-.00617	-.00016	.00005	-.00105	.00240
#2	-.00000	-.00001	.00763	.00031	.00005	-.00071	-.00492

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.05447	.00164	.00012	-.03422	.00029	-.00082
Stddev	.00002	.04113	.00026	.00089	.00185	.00011	.00002
%RSD	120.57	75.516	16.117	745.78	5.4098	36.834	2.1063

#1	-.00000	.02538	.00145	-.00051	-.03291	.00021	-.00081
#2	-.00004	.08356	.00182	.00075	-.03553	.00037	-.00083

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01391	.00046	.00659	.00048	-.00660	-.00071	.00394
Stddev	.02090	.00028	.02688	.00247	.00038	.00039	.00002
%RSD	150.21	61.127	407.63	511.54	5.7060	55.414	.48546

#1	-.00086	.00066	-.01241	-.00126	-.00633	-.00043	.00395
#2	.02869	.00026	.02560	.00223	-.00686	-.00099	.00393

Sample Name: CCB08 Acquired: 9/19/2018 18:43:51 Type: Unk
 Method: P4-ICP2(v2442) 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 -.01077	-.0023	.00037	F 4.1312	F 2.3406
Stddev	.00926	.0009	.00005	.0183	.3667
%RSD	86.007	39.23	12.774	.44252	15.666

#1	-.01731	-.0030	.00041	4.1442	2.0813
#2	-.00422	-.0017	.00034	4.1183	2.5998

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2398.2	34137.	4242.9	104.23	2997.4
Stddev	8.6	46.	45.1	4.54	14.4
%RSD	.35745	.13370	1.0626	4.3571	.47993

#1	2392.1	34104.	4211.0	107.44	2987.2
#2	2404.3	34169.	4274.8	101.02	3007.5

Sample Name: J4962-01DLX10 Acquired: 9/19/2018 18:47:56 Type: Unk
Method: P4-ICP2(v2442) 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	.00962	-.00239	.06930	.00210	-.00146	8.6917	.05479	.00042
Stddev	.00252	.00147	.00366	.00161	.00332	.0237	.00019	.00006
%RSD	26.196	61.725	5.2778	76.483	228.10	.27312	.34686	15.291

#1	.00784	-.00134	.07189	.00324	.00089	8.6749	.05466	.00047
#2	.01140	-.00343	.06672	.00097	-.00381	8.7085	.05493	.00038

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00029	516.42	.03917	.00333	.02870	8.4795	.24108	7.8010
Stddev	.00007	1.57	.00037	.00018	.00095	.1820	.00078	.0762
%RSD	24.410	.30349	.94883	5.4493	3.3223	2.1460	.32287	.97670

#1	.00034	515.31	.03891	.00346	.02803	8.6081	.24163	7.7472
#2	.00024	517.52	.03943	.00320	.02937	8.3508	.24053	7.8549

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02318	-.00065	.05614	.01433	.08985	.30901	.00477	.01634
Stddev	.00053	.00031	.01377	.00038	.00144	.02730	.00021	.00016
%RSD	2.2914	47.834	24.530	2.6381	1.5974	8.8338	4.4618	.96714

#1	.02356	-.00043	.04640	.01406	.09086	.28971	.00462	.01645
#2	.02281	-.00087	.06588	.01459	.08883	.32832	.00492	.01623

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6530	.17277	.00574	.37977	.16991	.3772	.48152	10.139
Stddev	.0124	.00022	.00138	.00058	.00003	.0018	.00132	.021
%RSD	.46819	.12684	24.092	.15376	.01667	.4716	.27321	.20551

#1	2.6618	.17292	.00477	.38018	.16993	.3759	.48059	10.154
#2	2.6442	.17261	.00672	.37935	.16989	.3784	.48245	10.124

Sample Name: J4962-01DLX10 Acquired: 9/19/2018 18:47:56 Type: Unk
Method: P4-ICP2(v2442) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 4.9412
Stddev .0747
%RSD 1.5116

#1 4.9940
#2 4.8883

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2201.2	31281.	4141.4	97.241	2456.0
Stddev	5.8	44.	9.3	2.044	3.6
%RSD	.26480	.13922	.22443	2.1016	.14493

#1	2197.0	31312.	4134.9	95.796	2453.5
#2	2205.3	31251.	4148.0	98.686	2458.5

Sample Name: J4929-13DLX10 Acquired: 9/19/2018 18:51:57 Type: Unk
Method: P4-ICP2(v2442) 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	.07068	-.03094	.19941	-.01140	.00883	283.15	1.6114
Stddev	.00260	.00031	.00050	.00408	.00007	.89	.0139
%RSD	3.6816	.99742	.25272	35.773	.81443	.31481	.86304

#1	.07252	-.03115	.19906	-.01429	.00888	282.52	1.6213
#2	.06884	-.03072	.19977	-.00852	.00878	283.78	1.6016

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01256	.00434	39.774	.28208	.16193	.15011	430.62
Stddev	.00001	.00069	.293	.00068	.00097	.00240	.54
%RSD	.09307	15.963	.73743	.24172	.60104	1.6014	.12637

#1	.01257	.00483	39.982	.28159	.16261	.15181	431.01
#2	.01255	.00385	39.567	.28256	.16124	.14841	430.24

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.3409	38.342	.40574	.00595	7.5679	.37269	1.2169
Stddev	.0032	.000	.00425	.00031	.0193	.00275	.0148
%RSD	.09637	.00120	1.0464	5.2122	.25559	.73837	1.2169

#1	3.3431	38.342	.40874	.00617	7.5815	.37074	1.2273
#2	3.3386	38.341	.40273	.00574	7.5542	.37463	1.2064

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.894	.00203	.73648	12.500	4.8823	.04429	2.9694
Stddev	.061	.00005	.00100	.123	.0352	.00111	.0142
%RSD	.41255	2.5524	.13642	.98191	.72011	2.5134	.47710

#1	14.938	.00199	.73719	12.587	4.9071	.04508	2.9794
#2	14.851	.00206	.73577	12.413	4.8574	.04351	2.9594

Sample Name: J4929-13DLX10 Acquired: 9/19/2018 18:51:57 Type: Unk
 Method: P4-ICP2(v2442) 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	1.3237	11.91	.19891	F<.00000	F<.00000
Stddev	.0048	.12	.00190	.46506	1.4602
%RSD	.36138	1.018	.95726	1.2755	7.9631

#1	1.3271	12.00	.20025	-36.789	-19.370
#2	1.3203	11.83	.19756	-36.132	-17.305

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3256.6	45588.	6174.7	96.722	2414.1
Stddev	8.1	247.	28.6	.387	6.3
%RSD	.25007	.54089	.46291	.39969	.26039

#1	3250.9	45762.	6154.5	96.448	2409.6
#2	3262.4	45414.	6194.9	96.995	2418.5

Sample Name: J4956-01 Acquired: 9/19/2018 18:55:53 Type: Unk
Method: P4-ICP2(v2442) 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	-.00021	-.00266	.00006	.00673	-.00023	.04324	.05813	-.00005
Stddev	.00152	.00101	.00053	.00172	.00098	.00392	.00037	.00002
%RSD	731.02	37.944	850.19	25.627	431.69	9.0601	.63051	32.554

#1	-.00128	-.00195	-.00032	.00551	-.00092	.04601	.05839	-.00004
#2	.00087	-.00338	.00044	.00795	.00047	.04047	.05787	-.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00018	32.032	.00089	.00045	.00638	.05424	.10578	5.1950
Stddev	.00001	.088	.00029	.00015	.00024	.00278	.00016	.0465
%RSD	5.0444	.27469	31.878	32.646	3.7137	5.1237	.15400	.89479

#1	.00019	32.095	.00069	.00055	.00655	.05620	.10589	5.2279
#2	.00017	31.970	.00110	.00035	.00621	.05227	.10566	5.1621

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00186	.00015	75.408	.00151	.04334	3.6491	.00014	.33738
Stddev	.00027	.00021	.176	.00039	.00013	.0151	.00023	.02086
%RSD	14.599	142.80	.23328	25.614	.30807	.41489	164.12	6.1818

#1	.00205	.00030	75.532	.00178	.04343	3.6384	.00030	.35213
#2	.00167	-.00000	75.283	.00124	.04324	3.6598	-.00002	.32263

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.656	4.8443	-.00218	.00255	-.01028	.1429	.17217	5.4506
Stddev	.009	.0165	.00050	.00041	.00042	.0021	.00050	.2077
%RSD	.08627	.33975	23.069	16.018	4.1127	1.484	.29022	3.8109

#1	10.663	4.8559	-.00182	.00284	-.00998	.1444	.17252	5.3037
#2	10.650	4.8327	-.00253	.00226	-.01058	.1414	.17182	5.5974

Sample Name: J4956-01 Acquired: 9/19/2018 18:55:53 Type: Unk
Method: P4-ICP2(v2442) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 3.0837
Stddev .8052
%RSD 26.110

#1 3.6530
#2 2.5143

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2274.8	32530.	4238.3	101.11	2741.3
Stddev	.3	107.	26.1	.48	.7
%RSD	.01377	.32871	.61553	.47774	.02406

#1	2274.5	32454.	4219.9	100.77	2741.8
#2	2275.0	32605.	4256.8	101.45	2740.9

Sample Name: J4956-01DUP Acquired: 9/19/2018 18:59:54 Type: Unk
Method: P4-ICP2(v2442) 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	.00173	-.00039	.00110	.00850	-.00062	.07065	.05714	-.00009
Stddev	.00188	.00145	.00113	.00210	.00011	.00276	.00002	.00001
%RSD	108.62	370.88	102.82	24.716	17.129	3.8995	.02799	14.842

#1	.00040	-.00142	.00189	.00701	-.00069	.06870	.05712	-.00008
#2	.00306	.00064	.00030	.00998	-.00054	.07260	.05715	-.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	31.883	.00068	.00062	.00771	.02046	.10478	5.1544
Stddev	.00007	.085	.00010	.00012	.00027	.00026	.00045	.0077
%RSD	2379.8	.26523	14.391	18.922	3.4528	1.2893	.43147	.15024

#1	-.00004	31.823	.00075	.00070	.00752	.02028	.10446	5.1489
#2	.00005	31.942	.00061	.00054	.00790	.02065	.10510	5.1598

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00372	-.00016	74.339	.00054	.04604	3.6929	.00032	.33809
Stddev	.00023	.00048	.220	.00039	.00088	.0115	.00031	.02281
%RSD	6.1275	307.05	.29651	72.991	1.9013	.31215	97.310	6.7463

#1	.00388	.00018	74.183	.00026	.04542	3.6848	.00010	.32196
#2	.00356	-.00050	74.495	.00081	.04666	3.7011	.00054	.35422

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.544	4.7394	-.00164	.00219	-.01895	.1397	.16993	5.7564
Stddev	.004	.0065	.00124	.00050	.01357	.0010	.00017	.4276
%RSD	.03541	.13684	75.648	22.940	71.607	.7459	.10016	7.4278

#1	10.547	4.7348	-.00076	.00255	-.00936	.1405	.16981	6.0587
#2	10.541	4.7440	-.00252	.00184	-.02855	.1390	.17005	5.4541

Sample Name: J4956-01DUP Acquired: 9/19/2018 18:59:54 Type: Unk
Method: P4-ICP2(v2442) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.9715
Stddev .0979
%RSD 3.2941

#1 3.0407
#2 2.9022

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2264.0	32391.	4236.0	103.55	2731.2
Stddev	2.8	27.	.6	1.30	7.9
%RSD	.12202	.08243	.01308	1.2539	.28746

#1	2262.1	32410.	4236.3	104.47	2725.7
#2	2266.0	32372.	4235.6	102.63	2736.8

Sample Name: J4956-01LX5 Acquired: 9/19/2018 19:03:56 Type: Unk
Method: P4-ICP2(v2442) 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	.00430	.00048	-.00174	.00435	-.00080	-.00184	.01121	.00003
Stddev	.00141	.00127	.00054	.00362	.00075	.01172	.00133	.00009
%RSD	32.809	267.20	30.922	83.288	94.033	636.62	11.859	287.35

#1	.00330	-.00042	-.00136	.00691	-.00132	.00645	.01027	.00009
#2	.00530	.00138	-.00212	.00179	-.00027	-.01013	.01215	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	6.8210	-.00040	-.00004	.00146	.01572	.02239	1.1544
Stddev	.00009	.0751	.00028	.00003	.00063	.01014	.00013	.0398
%RSD	671.45	1.1008	69.928	71.345	43.398	64.529	.58129	3.4461

#1	-.00005	6.7679	-.00020	-.00002	.00191	.02289	.02248	1.1825
#2	.00007	6.8741	-.00060	-.00007	.00101	.00855	.02229	1.1262

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00165	-.00019	15.329	.00006	.00909	.73740	-.00028	.07524
Stddev	.00032	.00051	.003	.00023	.00024	.00985	.00017	.00242
%RSD	19.456	272.86	.01841	391.89	2.6570	1.3354	59.751	3.2105

#1	.00142	.00017	15.330	.00022	.00892	.74436	-.00016	.07695
#2	.00188	-.00055	15.327	-.00010	.00926	.73044	-.00040	.07354

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2069	1.0709	-.00093	.00116	-.02403	.0259	.03630	4.8111
Stddev	.0020	.0075	.00004	.00154	.01022	.0015	.00025	.1408
%RSD	.08981	.69894	4.6797	132.24	42.550	5.677	.68781	2.9259

#1	2.2083	1.0656	-.00096	.00225	-.01680	.0270	.03612	4.9107
#2	2.2055	1.0762	-.00090	.00008	-.03126	.0249	.03647	4.7116

Sample Name: J4956-01LX5 Acquired: 9/19/2018 19:03:56 Type: Unk
Method: P4-ICP2(v2442) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.3084
Stddev .3732
%RSD 16.166

#1 2.5723
#2 2.0446

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2375.8	33625.	4229.6	104.11	2929.6
Stddev	19.2	72.	5.0	.99	21.6
%RSD	.80829	.21555	.11843	.94760	.73688

#1	2362.2	33574.	4233.2	104.80	2914.4
#2	2389.4	33677.	4226.1	103.41	2944.9

Sample Name: J4956-01MS Acquired: 9/19/2018 19:07:59 Type: Unk
Method: P4-ICP2(v2442) 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	.85230	2.0100	1.0308	2.1136	.90269	2.2880	.27357	.20301	.20763
Stddev	.00714	.0007	.0015	.0061	.00098	.0017	.00180	.00020	.00011
%RSD	.83763	.03607	.14257	.28720	.10862	.07585	.65825	.10014	.05238
#1	.84725	2.0105	1.0319	2.1093	.90200	2.2893	.27230	.20286	.20771
#2	.85735	2.0095	1.0298	2.1179	.90338	2.2868	.27484	.20315	.20756
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	33.509	.44576	.20527	.30759	3.3656	.31958	9.4104	.52995	.07258
Stddev	.324	.00111	.00003	.00089	.0422	.00118	.0926	.00170	.00142
%RSD	.96737	.24938	.01333	.28970	1.2541	.36884	.98419	.32100	1.9539
#1	33.280	.44654	.20525	.30696	3.3357	.31875	9.3450	.52875	.07157
#2	33.738	.44497	.20529	.30822	3.3954	.32041	9.4759	.53115	.07358
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	97.183	.31642	.26147	15.306	.48058	.64400	12.045	5.7105	.74459
Stddev	.015	.00266	.00288	.083	.00108	.00766	.001	.0171	.00015
%RSD	.01543	.84110	1.1020	.53969	.22507	1.1889	.01167	.30038	.02044
#1	97.194	.31453	.25943	15.247	.48134	.63858	12.046	5.7227	.74449
#2	97.173	.31830	.26351	15.364	.47981	.64941	12.044	5.6984	.74470
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.22835	1.8641	5.995	.38835	5.8848	2.4927			
Stddev	.00176	.0299	.017	.00104	.0886	.1688			
%RSD	.77121	1.6051	.2805	.26907	1.5060	6.7732			
#1	.22711	1.8430	6.007	.38909	5.9474	2.6121			
#2	.22960	1.8853	5.983	.38761	5.8221	2.3733			

Sample Name: J4956-01MS Acquired: 9/19/2018 19:07:59 Type: Unk
Method: P4-ICP2(v2442) 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	2255.6	32274.	4155.5	98.948	2676.4
Stddev	12.1	40.	15.7	.582	14.9
%RSD	.53853	.12387	.37885	.58825	.55827
#1	2247.0	32246.	4144.4	99.359	2665.9
#2	2264.2	32302.	4166.6	98.536	2687.0

Sample Name: J4956-01MSD Acquired: 9/19/2018 19:11:49 Type: Unk
Method: P4-ICP2(v2442) 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	.85365	2.0168	1.0291	2.1057	.90557	2.2593	.27385	.20414	.20776
Stddev	.00192	.0052	.0004	.0095	.00162	.0150	.00119	.00079	.00082
%RSD	.22466	.25827	.03363	.45204	.17894	.66610	.43543	.38626	.39372
#1	.85501	2.0131	1.0288	2.1125	.90442	2.2699	.27300	.20358	.20834
#2	.85230	2.0205	1.0293	2.0990	.90671	2.2486	.27469	.20470	.20718
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	33.479	.44572	.20527	.30657	3.4106	.32232	9.3792	.52784	.07325
Stddev	.089	.00078	.00024	.00095	.0013	.00039	.1829	.00114	.00031
%RSD	.26492	.17538	.11864	.30880	.03906	.12016	1.9500	.21552	.42804
#1	33.416	.44627	.20544	.30724	3.4097	.32260	9.2499	.52864	.07347
#2	33.542	.44517	.20510	.30590	3.4115	.32205	9.5085	.52703	.07303
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	97.895	.31901	.26519	15.284	.47974	.63064	12.039	5.7636	.74327
Stddev	.403	.00049	.00267	.105	.00020	.00754	.046	.0486	.00241
%RSD	.41175	.15352	1.0077	.68392	.04251	1.1955	.38613	.84402	.32400
#1	97.610	.31936	.26708	15.210	.47960	.62530	12.072	5.7980	.74498
#2	98.180	.31866	.26330	15.358	.47989	.63597	12.007	5.7292	.74157
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.23282	1.8826	5.977	.39018	5.7531	2.4198			
Stddev	.00140	.0114	.018	.00122	.1378	.0645			
%RSD	.59952	.60530	.2946	.31312	2.3949	2.6676			
#1	.23184	1.8746	5.989	.38932	5.6556	2.3742			
#2	.23381	1.8907	5.964	.39105	5.8505	2.4654			

Sample Name: J4956-01MSD Acquired: 9/19/2018 19:11:49 Type: Unk
Method: P4-ICP2(v2442) 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	2254.1	32062.	4113.0	97.583	2674.8
Stddev	12.2	13.	10.8	1.404	14.3
%RSD	.54220	.04042	.26295	1.4386	.53295
#1	2245.4	32071.	4105.3	96.590	2664.7
#2	2262.7	32053.	4120.6	98.576	2684.8

Sample Name: J4956-01A Acquired: 9/19/2018 19:15:39 Type: Unk
Method: P4-ICP2(v2442) 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	.83320	1.9780	1.0115	2.0625	.88090	2.2231	.26837	.20015	.20355
Stddev	.00386	.0024	.0024	.0053	.00040	.0138	.00040	.00048	.00030
%RSD	.46322	.11873	.23799	.25469	.04515	.62189	.14945	.24152	.14649
#1	.83048	1.9797	1.0132	2.0662	.88062	2.2134	.26808	.19980	.20334
#2	.83593	1.9764	1.0098	2.0588	.88118	2.2329	.26865	.20049	.20376
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	32.774	.43992	.20167	.29975	3.2599	.31523	9.2437	.51807	.07282
Stddev	.045	.00278	.00011	.00063	.0007	.00032	.1465	.00056	.00004
%RSD	.13843	.63222	.05403	.20953	.02105	.10032	1.5852	.10848	.05292
#1	32.742	.43796	.20175	.30019	3.2594	.31545	9.1401	.51768	.07279
#2	32.806	.44189	.20160	.29931	3.2604	.31501	9.3473	.51847	.07285
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	95.791	.31567	.25354	15.005	.46857	.63612	11.780	5.6731	.73129
Stddev	.635	.00010	.00080	.087	.00018	.00434	.054	.0408	.00308
%RSD	.66262	.03153	.31609	.58066	.03927	.68299	.45993	.71824	.42103
#1	95.342	.31574	.25297	14.944	.46870	.63919	11.818	5.6443	.73347
#2	96.240	.31560	.25410	15.067	.46844	.63305	11.741	5.7020	.72912
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.22358	1.8305	5.866	.38230	5.1395	2.2912			
Stddev	.00114	.0157	.013	.00283	.2929	.0258			
%RSD	.50911	.85601	.2151	.73962	5.6982	1.1274			
#1	.22277	1.8194	5.875	.38030	4.9324	2.3095			
#2	.22438	1.8416	5.857	.38430	5.3465	2.2730			

Sample Name: J4956-01A Acquired: 9/19/2018 19:15:39 Type: Unk
Method: P4-ICP2(v2442) 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	2302.1	32666.	4193.1	102.01	2727.0
Stddev	5.3	49.	29.8	.02	6.3
%RSD	.22939	.15083	.71064	.01546	.23070
#1	2298.4	32631.	4214.1	102.00	2722.6
#2	2305.9	32700.	4172.0	102.02	2731.4

Sample Name: J4975-04 Acquired: 9/19/2018 19:19:30 Type: Unk
Method: P4-ICP2(v2442) 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	.00164	-.00463	.00712	.00727	-.00031	.18656	.07554	.00004
Stddev	.00070	.00009	.00098	.00214	.00167	.00937	.00025	.00012
%RSD	42.891	1.8442	13.774	29.430	540.49	5.0241	.32726	295.04

#1	.00114	-.00457	.00781	.00576	-.00149	.19319	.07572	-.00005
#2	.00213	-.00470	.00642	.00879	.00087	.17994	.07537	.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	50.257	.00083	.00185	.00461	.38423	.15013	9.6286
Stddev	.00007	.338	.00003	.00049	.00002	.00281	.00023	.2074
%RSD	54.113	.67298	3.4311	26.255	.51827	.73263	.15632	2.1544

#1	-.00008	50.496	.00085	.00151	.00460	.38622	.15030	9.4820
#2	-.00017	50.018	.00081	.00220	.00463	.38223	.14997	9.7753

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00293	.00027	345.01	.00009	.03051	.80118	.00010	.02051
Stddev	.00054	.00107	1.69	.00029	.00006	.03540	.00043	.00808
%RSD	18.549	398.17	.48969	335.22	.20778	4.4191	434.39	39.392

#1	.00254	.00102	346.21	.00030	.03055	.82621	-.00020	.02622
#2	.00331	-.00049	343.82	-.00012	.03046	.77614	.00040	.01480

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.92360	2.8016	.00421	.00358	.00020	.0017	.18617	6.9445
Stddev	.00060	.0052	.00077	.00062	.00365	.0019	.00030	.4285
%RSD	.06469	.18654	18.216	17.420	1846.8	109.4	.16044	6.1703

#1	.92402	2.8053	.00476	.00403	.00278	.0030	.18596	7.2475
#2	.92318	2.7979	.00367	.00314	-.00238	.0004	.18638	6.6415

Sample Name: J4975-04 Acquired: 9/19/2018 19:19:30 Type: Unk
Method: P4-ICP2(v2442) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 4.1833
Stddev .1339
%RSD 3.2010

#1 4.2780
#2 4.0886

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2190.2	31186.	4166.4	96.930	2502.0
Stddev	6.8	88.	28.1	.006	1.5
%RSD	.30966	.28174	.67410	.00651	.06068

#1	2195.0	31124.	4146.6	96.926	2503.1
#2	2185.4	31248.	4186.3	96.935	2501.0

Sample Name: J4979-02 Acquired: 9/19/2018 19:23:40 Type: Unk
Method: P4-ICP2(v2442) 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	.00379	-.00187	.00222	.00594	.00160	.00146	.14926	-.00012
Stddev	.00505	.00251	.00015	.00043	.00221	.00931	.00195	.00002
%RSD	133.10	133.82	6.5747	7.2652	137.42	639.56	1.3055	19.263

#1	.00736	-.00010	.00212	.00625	.00316	-.00513	.15064	-.00014
#2	.00022	-.00365	.00233	.00564	.00005	.00804	.14788	-.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00040	146.32	.00059	.00006	.00076	.04254	.04809	3.1656
Stddev	.00003	.19	.00021	.00003	.00013	.00455	.00007	.0499
%RSD	7.3570	.13142	36.609	52.558	17.618	10.700	.13855	1.5760

#1	-.00042	146.18	.00074	.00004	.00067	.03932	.04814	3.2009
#2	-.00038	146.46	.00043	.00009	.00086	.04576	.04804	3.1303

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00201	.00044	299.88	.00132	.00824	1.2658	.01090	.05063
Stddev	.00082	.00025	.09	.00020	.00020	.0198	.00058	.01102
%RSD	40.827	56.173	.02918	15.328	2.4700	1.5608	5.3677	21.775

#1	.00259	.00027	299.82	.00146	.00839	1.2518	.01131	.05842
#2	.00143	.00062	299.94	.00118	.00810	1.2798	.01048	.04283

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0768	2.4853	.00089	.00094	.10743	.0263	.23291	7.6340
Stddev	.0090	.0096	.00014	.00318	.01076	.0010	.00080	.0920
%RSD	.17709	.38618	15.900	337.50	10.013	3.742	.34196	1.2057

#1	5.0705	2.4921	.00079	.00319	.09983	.0270	.23347	7.5689
#2	5.0832	2.4785	.00100	-.00130	.11504	.0256	.23234	7.6990

Sample Name: J4979-02 Acquired: 9/19/2018 19:23:40 Type: Unk
 Method: P4-ICP2(v2442) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 3.9414
 Stddev .7582
 %RSD 19.237

#1 4.4775
 #2 3.4053

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2148.9	30880.	4127.6	98.211	2466.9
Stddev	.6	59.	25.4	.243	1.4
%RSD	.02953	.19026	.61494	.24744	.05602

#1	2148.4	30838.	4109.7	98.039	2467.9
#2	2149.3	30921.	4145.5	98.383	2466.0

Sample Name: CCV09 Acquired: 9/19/2018 19:27:48 Type: Unk
Method: P4-ICP2(v2442) 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	5.0995	4.9319	5.0329	5.0632	5.1832	10.434	10.101	.25231	2.4846
Stddev	.0003	.0080	.0126	.0198	.0131	.000	.025	.00055	.0051
%RSD	.00630	.16151	.24996	.39107	.25346	.00336	.24565	.21910	.20464

#1	5.0997	4.9263	5.0418	5.0772	5.1925	10.434	10.118	.25192	2.4882
#2	5.0992	4.9376	5.0240	5.0492	5.1739	10.434	10.083	.25271	2.4810

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.444	1.0036	2.5153	1.2496	4.9855	2.5674	24.332	2.5066	1.2543
Stddev	.100	.0024	.0006	.0021	.0999	.0002	.106	.0053	.0027
%RSD	.40707	.23373	.02426	.16818	2.0033	.00707	.43441	.20966	.21827

#1	24.374	1.0019	2.5149	1.2511	4.9148	2.5672	24.257	2.5029	1.2563
#2	24.515	1.0053	2.5158	1.2481	5.0561	2.5675	24.407	2.5103	1.2524

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	24.480	2.4809	2.6558	25.516	5.1699	4.7765	5.0270	4.7717	4.9692
Stddev	.106	.0031	.0265	.065	.0004	.0726	.0024	.0144	.0004
%RSD	.43252	.12648	.99585	.25461	.00688	1.5199	.04733	.30069	.00904

#1	24.555	2.4832	2.6371	25.562	5.1697	4.7252	5.0287	4.7819	4.9689
#2	24.406	2.4787	2.6745	25.470	5.1702	4.8279	5.0254	4.7616	4.9695

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9828	4.6473	5.090	5.1061	5.3547	3.8958
Stddev	.0031	.0213	.001	.0242	.0962	.1236
%RSD	.06142	.45837	.0250	.47460	1.7964	3.1721

#1	4.9806	4.6623	5.091	5.1232	5.2867	3.8084
#2	4.9849	4.6322	5.089	5.0890	5.4228	3.9832

Sample Name: CCV09 Acquired: 9/19/2018 19:27:48 Type: Unk
 Method: P4-ICP2(v2442) 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	2304.0	32455.	4154.0	98.021	2649.1
Stddev	2.2	5.	13.8	.925	4.5
%RSD	.09744	.01584	.33227	.94381	.17044
#1	2302.5	32451.	4144.3	98.676	2645.9
#2	2305.6	32459.	4163.8	97.367	2652.3

Sample Name: CCB09 Acquired: 9/19/2018 19:38:06 Type: Unk
Method: P4-ICP2(v2442) 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	.00037	-.00074	-.00238	.00187	.00078	-.01375	-.00053	.00000
Stddev	.00036	.00161	.00071	.00043	.00104	.00404	.00028	.00002
%RSD	96.214	217.26	30.040	23.292	132.93	29.385	52.751	999.71

#1	.00062	-.00187	-.00288	.00217	.00152	-.01089	-.00073	.00001
#2	.00012	.00040	-.00187	.00156	.00005	-.01660	-.00033	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	.01741	.00051	-.00006	-.00036	.01044	-.00012	.01974
Stddev	.00002	.03488	.00034	.00003	.00026	.00501	.00004	.00670
%RSD	28.182	200.39	67.569	53.486	72.710	47.957	34.174	33.929

#1	.00006	.04207	.00075	-.00009	-.00017	.00690	-.00015	.01500
#2	.00009	-.00726	.00026	-.00004	-.00054	.01398	-.00009	.02448

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00137	-.00002	-.61943	.00020	-.00091	-.07588	.00017	.00196
Stddev	.00015	.00063	.02066	.00029	.00001	.00184	.00020	.00564
%RSD	10.915	3881.0	3.3355	139.61	.58768	2.4189	118.99	287.77

#1	.00126	-.00046	-.63404	.00000	-.00091	-.07458	.00003	-.00203
#2	.00148	.00043	-.60482	.00041	-.00090	-.07718	.00030	.00594

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00115	-.00393	-.00058	.00297	-.02061	-.0048	.00034	5.2333
Stddev	.00418	.00254	.00016	.00038	.00025	.0000	.00004	.1129
%RSD	362.11	64.617	27.826	12.804	1.2113	.1445	12.735	2.1571

#1	.00180	-.00214	-.00070	.00324	-.02079	-.0048	.00037	5.3132
#2	-.00411	-.00573	-.00047	.00270	-.02043	-.0048	.00031	5.1535

Sample Name: CCB09 Acquired: 9/19/2018 19:38:06 Type: Unk
 Method: P4-ICP2(v2442) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.4230
 Stddev .0647
 %RSD 2.6718

#1 2.3772
 #2 2.4688

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2375.4	33502.	4170.6	103.18	2964.0
Stddev	7.0	18.	30.1	.72	10.8
%RSD	.29359	.05376	.72234	.70037	.36557

#1	2370.4	33489.	4149.3	102.67	2956.4
#2	2380.3	33515.	4191.9	103.69	2971.7

Sample Name: J4958-04 Acquired: 9/19/2018 19:42:09 Type: Unk
Method: P4-ICP2(v2442) 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	.00380	-.00321	.00350	.01050	.00009	-.00245	.36498	-.00003
Stddev	.00014	.00039	.00027	.00304	.00103	.01044	.00157	.00002
%RSD	3.8015	12.045	7.7019	28.997	1174.0	425.51	.43010	83.335

#1	.00391	-.00294	.00331	.01265	.00082	.00493	.36609	-.00001
#2	.00370	-.00349	.00369	.00834	-.00064	-.00983	.36387	-.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	129.09	.00031	.00039	.01911	.00189	.00301	26.823
Stddev	.00011	1.23	.00016	.00000	.00003	.00380	.00003	.067
%RSD	107.54	.95149	51.566	1.1852	.13549	201.10	.95606	.25070

#1	.00002	129.96	.00020	.00040	.01910	-.00080	.00299	26.870
#2	.00018	128.22	.00043	.00039	.01913	.00457	.00303	26.775

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00048	-.00031	236.50	.00074	.02016	22.618	.00026	.05037
Stddev	.00050	.00001	2.79	.00024	.00018	.211	.00017	.00871
%RSD	102.98	3.6537	1.1810	32.956	.88343	.93248	65.812	17.293

#1	-.00084	-.00030	238.47	.00056	.02003	22.767	.00014	.05652
#2	-.00013	-.00032	234.52	.00091	.02029	22.469	.00039	.04421

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.755	4.4206	-.00156	.00166	.00371	.0099	1.0660	7.8750
Stddev	.002	.0432	.00075	.00196	.01244	.0026	.0126	.6344
%RSD	.01610	.97680	47.987	117.66	335.46	26.30	1.1802	8.0563

#1	13.757	4.4511	-.00209	.00305	-.00509	.0117	1.0749	7.4264
#2	13.754	4.3900	-.00103	.00028	.01250	.0080	1.0571	8.3236

Sample Name: J4958-04 Acquired: 9/19/2018 19:42:09 Type: Unk
 Method: P4-ICP2(v2442) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 3.8241
 Stddev .2085
 %RSD 5.4523

#1 3.6766
 #2 3.9715

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2140.4	30615.	4046.5	93.857	2457.3
Stddev	2.5	40.	60.2	.520	.3
%RSD	.11793	.13060	1.4887	.55367	.01139

#1	2138.6	30587.	4004.0	94.225	2457.1
#2	2142.2	30643.	4089.1	93.490	2457.5

Sample Name: J4958-05 Acquired: 9/19/2018 19:46:17 Type: Unk
Method: P4-ICP2(v2442) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BPSI-HN-MW24 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00312	-.00362	.00113	.00938	-.00100	.03124	.13985	.00007
Stddev	.00072	.00034	.00140	.00237	.00163	.00597	.00089	.00003
%RSD	22.959	9.4448	123.32	25.246	163.85	19.107	.63329	44.060

#1	.00363	-.00338	.00014	.00770	-.00215	.03546	.14048	.00009
#2	.00261	-.00387	.00212	.01105	.00016	.02702	.13922	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	32.378	.00217	.00082	.04821	.03183	.01992	9.6388
Stddev	.00001	.153	.00045	.00006	.00115	.01513	.00017	.0176
%RSD	286.47	.47105	20.831	7.7029	2.3765	47.527	.85583	.18223

#1	.00000	32.270	.00249	.00077	.04902	.02114	.01980	9.6264
#2	-.00001	32.485	.00185	.00086	.04740	.04253	.02004	9.6512

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00561	-.00001	48.438	.00051	.08409	6.4513	.00028	.14000
Stddev	.00029	.00061	.059	.00001	.00139	.0277	.00028	.00008
%RSD	5.0850	4275.6	.12171	1.4305	1.6539	.42951	101.68	.05955

#1	.00541	.00041	48.479	.00051	.08311	6.4317	.00047	.13994
#2	.00581	-.00044	48.396	.00050	.08507	6.4709	.00008	.14006

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.615	7.4326	-.00412	.00376	.01405	-.0018	.63949	5.5395
Stddev	.016	.0238	.00041	.00035	.00453	.0010	.00151	.2689
%RSD	.09872	.31975	10.070	9.3763	32.232	58.36	.23601	4.8549

#1	16.603	7.4494	-.00383	.00401	.01085	-.0010	.64055	5.3493
#2	16.627	7.4158	-.00441	.00351	.01726	-.0025	.63842	5.7296

Sample Name: J4958-05 Acquired: 9/19/2018 19:46:17 Type: Unk
 Method: P4-ICP2(v2442) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BPSI-HN-MW24 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	3.0291
Stddev	.3215
%RSD	10.615

#1	2.8017
#2	3.2564

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2251.2	32361.	4116.5	99.293	2735.7
Stddev	12.8	64.	15.3	1.042	12.6
%RSD	.56649	.19631	.37102	1.0498	.46034

#1	2242.2	32316.	4105.7	100.03	2726.8
#2	2260.2	32406.	4127.3	98.556	2744.6

Sample Name: J4958-06 Acquired: 9/19/2018 19:50:19 Type: Unk
Method: P4-ICP2(v2442) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-DUP02-201 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	-.00193	-.00098	.00864	-.00225	.01460	.04308	-.00004
Stddev	.00256	.00113	.00013	.00161	.00117	.00839	.00039	.00004
%RSD	1393.1	58.376	13.319	18.681	51.827	57.434	.90670	87.807

#1	-.00163	-.00273	-.00089	.00978	-.00143	.00867	.04280	-.00006
#2	.00199	-.00113	-.00107	.00749	-.00308	.02053	.04335	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	16.345	.00064	.00020	.02573	.01560	.03826	5.9303
Stddev	.00007	.121	.00029	.00007	.00074	.01202	.00012	.1121
%RSD	168.64	.74218	46.214	37.748	2.8806	77.028	.32204	1.8894

#1	.00001	16.259	.00043	.00025	.02520	.00710	.03817	5.8511
#2	-.00009	16.430	.00084	.00014	.02625	.02410	.03835	6.0095

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00233	-.00010	47.328	-.00030	.01648	2.7346	-.00012	.05417
Stddev	.00066	.00024	.187	.00009	.00015	.0067	.00005	.00383
%RSD	28.450	241.37	.39542	29.209	.89101	.24420	46.013	7.0686

#1	.00280	-.00027	47.196	-.00036	.01638	2.7393	-.00008	.05146
#2	.00186	.00007	47.461	-.00024	.01658	2.7299	-.00015	.05688

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.4662	6.5209	-.00108	.00495	-.02324	.0008	.13993	5.3256
Stddev	.0046	.0646	.00076	.00126	.00348	.0028	.00062	.3298
%RSD	.08398	.98997	69.892	25.546	14.983	339.5	.44026	6.1934

#1	5.4629	6.4753	-.00162	.00405	-.02570	-.0011	.13949	5.5588
#2	5.4694	6.5666	-.00055	.00584	-.02078	.0028	.14036	5.0923

Sample Name: J4958-06 Acquired: 9/19/2018 19:50:19 Type: Unk
Method: P4-ICP2(v2442) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-DUP02-201 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	2.5052
Stddev	.1424
%RSD	5.6860

#1	2.4045
#2	2.6060

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2287.4	32689.	4169.8	98.788	2782.1
Stddev	8.6	51.	26.0	.660	8.0
%RSD	.37480	.15626	.62430	.66829	.28726

#1	2281.4	32653.	4188.2	99.255	2776.4
#2	2293.5	32725.	4151.4	98.322	2787.7

Sample Name: J4958-07 Acquired: 9/19/2018 19:54:22 Type: Unk
Method: P4-ICP2(v2442) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BPSI-TT-MW30 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00241	-.00180	-.00035	.00728	.00091	.01378	.04314	-.00001
Stddev	.00341	.00158	.00131	.00473	.00299	.00740	.00051	.00005
%RSD	141.45	87.760	375.83	64.925	328.43	53.690	1.1844	838.46

#1	-.00000	-.00292	.00058	.00394	.00303	.00855	.04278	-.00004
#2	.00483	-.00068	-.00127	.01062	-.00121	.01901	.04350	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	16.570	.00055	.00008	.02208	.00313	.03880	6.0404
Stddev	.00010	.016	.00058	.00006	.00125	.02151	.00007	.0125
%RSD	90.634	.09624	105.13	73.198	5.6453	686.86	.18166	.20755

#1	-.00019	16.559	.00014	.00004	.02296	-.01208	.03875	6.0492
#2	-.00004	16.582	.00096	.00012	.02120	.01834	.03885	6.0315

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00222	.00024	47.350	.00010	.02277	2.7480	.00012	.05866
Stddev	.00003	.00020	.572	.00052	.00002	.0240	.00012	.00572
%RSD	1.4482	81.819	1.2081	536.06	.10052	.87453	99.518	9.7511

#1	.00220	.00039	47.754	-.00027	.02278	2.7650	.00004	.05461
#2	.00224	.00010	46.945	.00046	.02275	2.7310	.00020	.06270

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.4894	6.4838	-.00022	.00371	-.01312	-.0028	.14061	5.1953
Stddev	.0190	.0557	.00104	.00187	.00679	.0009	.00002	.2331
%RSD	.34624	.85933	478.42	50.480	51.776	31.02	.01418	4.4867

#1	5.4760	6.5232	-.00095	.00503	-.00831	-.0034	.14062	5.3601
#2	5.5029	6.4444	.00052	.00238	-.01792	-.0022	.14059	5.0304

Sample Name: J4958-07 Acquired: 9/19/2018 19:54:22 Type: Unk
 Method: P4-ICP2(v2442) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BPSI-TT-MW30 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 3.2127
 Stddev .1195
 %RSD 3.7201

#1 3.2972
 #2 3.1282

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2277.8	32631.	4186.1	101.10	2774.2
Stddev	1.9	73.	43.8	.71	3.2
%RSD	.08322	.22251	1.0466	.70699	.11391

#1	2276.4	32580.	4155.1	100.60	2771.9
#2	2279.1	32682.	4217.1	101.61	2776.4

Sample Name: J4958-08 Acquired: 9/19/2018 19:58:25 Type: Unk
Method: P4-ICP2(v2442) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BPSI-TT-MW30 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00068	-.00206	-.00098	.00390	-.00109	.55909	.07057	-.00004
Stddev	.00147	.00240	.00044	.00042	.00048	.02169	.00017	.00007
%RSD	216.59	116.57	45.154	10.831	43.661	3.8796	.23416	159.63

#1	.00171	-.00036	-.00067	.00420	-.00075	.57443	.07045	-.00009
#2	-.00036	-.00376	-.00130	.00360	-.00142	.54376	.07068	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00015	15.861	.00431	-.00010	.04066	1.0024	.00873	4.0465
Stddev	.00013	.192	.00007	.00041	.00061	.0073	.00005	.0009
%RSD	85.677	1.2074	1.5972	412.94	1.4917	.72437	.61940	.02175

#1	-.00024	15.726	.00436	.00019	.04109	1.0075	.00877	4.0471
#2	-.00006	15.997	.00426	-.00039	.04023	.99728	.00870	4.0459

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00349	-.00015	14.240	.00221	.02368	2.5811	-.00010	.02257
Stddev	.00005	.00024	.163	.00041	.00000	.0007	.00029	.01024
%RSD	1.4780	154.73	1.1427	18.583	.01903	.02885	276.90	45.389

#1	.00353	.00001	14.125	.00250	.02367	2.5816	-.00031	.01532
#2	.00345	-.00032	14.355	.00192	.02368	2.5806	.00010	.02981

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.7513	5.2013	-.00125	.01701	-.02698	.0068	.14428	5.3559
Stddev	.0063	.1107	.00087	.00054	.00239	.0006	.00023	.1773
%RSD	.10922	2.1281	69.890	3.1979	8.8632	9.040	.15624	3.3097

#1	5.7558	5.1230	-.00187	.01740	-.02529	.0072	.14413	5.2306
#2	5.7469	5.2796	-.00063	.01663	-.02867	.0064	.14444	5.4813

Sample Name: J4958-08 Acquired: 9/19/2018 19:58:25 Type: Unk
 Method: P4-ICP2(v2442) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BPSI-TT-MW30 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.8336
 Stddev .1272
 %RSD 4.4878

#1 2.9235
 #2 2.7437

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2287.1	32987.	4162.9	102.03	2829.6
Stddev	13.3	43.	75.9	.40	15.0
%RSD	.58224	.12908	1.8240	.39122	.53064

#1	2277.7	32957.	4216.6	102.31	2819.0
#2	2296.5	33017.	4109.2	101.75	2840.3

Sample Name: J4958-12 Acquired: 9/19/2018 20:02:27 Type: Unk
Method: P4-ICP2(v2442) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-TT-AOC22- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00578	-.00253	.00136	.00581	-.00113	1.2223	.25957	.00067
Stddev	.00234	.00398	.00129	.00040	.00033	.0152	.00132	.00007
%RSD	40.471	157.42	94.463	6.8692	29.472	1.2444	.50756	11.014

#1	.00412	-.00535	.00045	.00553	-.00089	1.2331	.25864	.00072
#2	.00743	.00029	.00227	.00610	-.00136	1.2116	.26050	.00061

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00120	95.410	.00073	.04287	.02478	5.2408	1.4319	14.537
Stddev	.00002	.600	.00012	.00022	.00021	.0195	.0046	.078
%RSD	1.5916	.62910	16.684	.51881	.86042	.37127	.32053	.53946

#1	.00121	94.985	.00064	.04303	.02493	5.2545	1.4352	14.481
#2	.00118	95.834	.00081	.04271	.02463	5.2270	1.4287	14.592

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00249	-.00028	162.96	-.00098	.06886	7.6595	-.00011	.06490
Stddev	.00022	.00017	.62	.00018	.00051	.0363	.00019	.00307
%RSD	8.8433	62.817	.37983	18.604	.73586	.47406	167.96	4.7350

#1	.00233	-.00015	162.52	-.00085	.06850	7.6338	-.00025	.06273
#2	.00265	-.00040	163.39	-.00111	.06922	7.6852	.00002	.06708

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.585	5.7474	-.00348	.00055	-.00468	.2853	.81890	5.6917
Stddev	.007	.0470	.00019	.00123	.00444	.0045	.00341	.3529
%RSD	.04206	.81731	5.4992	223.78	94.975	1.582	.41589	6.1999

#1	15.590	5.7142	-.00334	.00142	-.00154	.2885	.81649	5.9412
#2	15.580	5.7806	-.00361	-.00032	-.00782	.2821	.82130	5.4422

Sample Name: J4958-12 Acquired: 9/19/2018 20:02:27 Type: Unk
 Method: P4-ICP2(v2442) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BP-TT-AOC22- Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	4.3374
Stddev	.0557
%RSD	1.2842

#1	4.3768
#2	4.2980

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2290.5	32995.	4322.3	96.118	2519.0
Stddev	8.0	189.	14.3	.200	7.5
%RSD	.34790	.57390	.32973	.20831	.29698

#1	2284.9	32861.	4332.4	96.260	2513.7
#2	2296.1	33129.	4312.2	95.977	2524.3

Sample Name: J4958-13 Acquired: 9/19/2018 20:06:28 Type: Unk
Method: P4-ICP2(v2442) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BPSI-TT-MW30 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00145	-.00088	.00044	.00480	.00077	.69485	.02992	-.00003
Stddev	.00197	.00081	.00072	.00269	.00061	.01983	.00092	.00006
%RSD	136.05	91.983	164.81	56.098	80.284	2.8538	3.0649	223.28

#1	.00284	-.00031	-.00007	.00290	.00033	.70888	.02927	-.00007
#2	.00006	-.00145	.00095	.00671	.00120	.68083	.03057	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00017	11.662	.04023	.00022	.01991	.56236	.00653	3.6917
Stddev	.00006	.103	.00054	.00002	.00078	.02722	.00017	.0127
%RSD	36.914	.88625	1.3308	9.8309	3.9198	4.8401	2.5301	.34509

#1	-.00012	11.589	.04061	.00020	.02047	.58160	.00641	3.7007
#2	-.00021	11.735	.03985	.00023	.01936	.54311	.00664	3.6827

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01799	.00002	77.906	.00128	.02341	2.2678	.00091	.04090
Stddev	.00070	.00020	.112	.00002	.00086	.0286	.00009	.00646
%RSD	3.8899	962.82	.14349	1.2293	3.6654	1.2632	9.7841	15.797

#1	.01848	-.00012	77.827	.00127	.02402	2.2476	.00097	.04547
#2	.01749	.00016	77.985	.00129	.02281	2.2881	.00084	.03633

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.4380	3.3158	-.00021	.02333	-.02279	.0066	.07265	5.6130
Stddev	.0189	.0028	.00038	.00050	.00348	.0020	.00004	.0432
%RSD	.29310	.08446	177.96	2.1641	15.281	30.48	.04916	.76889

#1	6.4513	3.3177	-.00048	.02297	-.02032	.0080	.07262	5.5825
#2	6.4246	3.3138	.00005	.02369	-.02525	.0052	.07267	5.6436

Sample Name: J4958-13 Acquired: 9/19/2018 20:06:28 Type: Unk
 Method: P4-ICP2(v2442) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BPSI-TT-MW30 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	3.3816
Stddev	.2027
%RSD	5.9934

#1	3.5250
#2	3.2383

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2278.3	32450.	4162.9	100.47	2732.7
Stddev	15.1	153.	4.9	4.22	21.3
%RSD	.66478	.47259	.11862	4.1977	.78112

#1	2267.5	32342.	4159.4	97.485	2717.6
#2	2289.0	32558.	4166.4	103.45	2747.8

Sample Name: J4958-14 Acquired: 9/19/2018 20:10:30 Type: Unk
Method: P4-ICP2(v2442) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-AOC22-MW0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00987	-.00266	-.02631	.00018	.00077	2.3311	.13208	.00095
Stddev	.00261	.00183	.00112	.00052	.00041	.0183	.00038	.00009
%RSD	26.428	68.764	4.2556	298.74	53.308	.78674	.28636	9.9753
#1	.01171	-.00395	-.02551	-.00019	.00106	2.3182	.13234	.00102
#2	.00802	-.00137	-.02710	.00055	.00048	2.3441	.13181	.00088
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00719	144.23	.00974	.04633	-.00890	82.571	1.2028	18.714
Stddev	.00002	.56	.00092	.00001	.00071	.410	.0025	.025
%RSD	.27770	.38767	9.4554	.03180	8.0331	.49627	.20920	.13315
#1	.00718	144.63	.00909	.04634	-.00839	82.861	1.2011	18.731
#2	.00721	143.84	.01039	.04632	-.00940	82.281	1.2046	18.696
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01607	-.00143	140.10	.00295	.14937	10.987	-.00154	.14606
Stddev	.00057	.00081	.96	.00008	.00035	.008	.00010	.01039
%RSD	3.5651	56.466	.68671	2.8302	.23433	.06951	6.2752	7.1105
#1	.01648	-.00086	140.78	.00289	.14962	10.992	-.00147	.13871
#2	.01567	-.00200	139.42	.00300	.14912	10.981	-.00160	.15340
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	94.051	11.108	-.03137	-.00037	.02262	.0721	.93587	.44983
Stddev	.766	.062	.00069	.00195	.00729	.0008	.00833	.55967
%RSD	.81400	.55958	2.1952	525.61	32.234	1.078	.88988	124.42
#1	94.593	11.152	-.03186	.00101	.02778	.0715	.94176	.84558
#2	93.510	11.064	-.03089	-.00175	.01746	.0726	.92998	.05408

Sample Name: J4958-14 Acquired: 9/19/2018 20:10:30 Type: Unk
 Method: P4-ICP2(v2442) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BP-AOC22-MW0 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	11.085
Stddev	.071
%RSD	.64139

#1	11.136
#2	11.035

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2212.2	31999.	4299.4	97.460	2474.5
Stddev	32.6	82.	44.6	1.145	27.3
%RSD	1.4754	.25714	1.0372	1.1747	1.1034

#1	2189.1	31941.	4267.9	96.650	2455.2
#2	2235.2	32057.	4330.9	98.269	2493.8

Sample Name: J4958-15 Acquired: 9/19/2018 20:14:30 Type: Unk
Method: P4-ICP2(v2442) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BPSI-TT-MW30 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00658	-.00165	.00169	.00371	-.00316	.85422	.12289	-.00005
Stddev	.00076	.00153	.00056	.00037	.00153	.01514	.00037	.00009
%RSD	11.587	93.111	33.361	10.080	48.396	1.7720	.29765	161.85

#1	.00604	-.00273	.00209	.00398	-.00424	.86492	.12263	-.00012
#2	.00712	-.00056	.00129	.00345	-.00208	.84351	.12314	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00517	66.397	.23861	.00266	.02801	1.7986	.02812	16.861
Stddev	.00002	.194	.00185	.00010	.00047	.0345	.00008	.113
%RSD	.35579	.29275	.77605	3.8440	1.6608	1.9208	.28550	.67060

#1	.00519	66.259	.23730	.00259	.02768	1.7742	.02806	16.781
#2	.00516	66.534	.23992	.00273	.02834	1.8230	.02817	16.941

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10237	-.00041	34.784	.00436	.03299	12.739	.00466	.12937
Stddev	.00044	.00015	.009	.00000	.00033	.009	.00041	.01475
%RSD	.42635	37.708	.02702	.08599	.98830	.06724	8.7403	11.400

#1	.10268	-.00052	34.777	.00437	.03276	12.745	.00438	.11894
#2	.10206	-.00030	34.791	.00436	.03322	12.733	.00495	.13979

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.469	4.6094	-.00458	.02623	-.01589	.0051	2.8787	6.1926
Stddev	.002	.0068	.00007	.00264	.00203	.0007	.0013	.2370
%RSD	.01369	.14711	1.6005	10.072	12.754	13.16	.04378	3.8269

#1	15.467	4.6046	-.00463	.02436	-.01445	.0046	2.8796	6.3602
#2	15.470	4.6142	-.00453	.02809	-.01732	.0056	2.8778	6.0251

Sample Name: J4958-15 Acquired: 9/19/2018 20:14:30 Type: Unk
 Method: P4-ICP2(v2442) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BPSI-TT-MW30 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.9392
 Stddev .1906
 %RSD 6.4849

#1 2.8044
 #2 3.0740

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2222.8	32027.	4155.0	98.404	2676.2
Stddev	12.0	11.	4.7	.340	23.0
%RSD	.53770	.03279	.11270	.34568	.85833

#1	2214.3	32034.	4158.3	98.644	2660.0
#2	2231.2	32019.	4151.7	98.163	2692.5

Sample Name: J4958-16 Acquired: 9/19/2018 20:18:32 Type: Unk
Method: P4-ICP2(v2442) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-TT-AOC22- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00768	-.00190	.00122	.00840	-.00171	.21966	.39946	.00002
Stddev	.00251	.00024	.00050	.00244	.00090	.00938	.00063	.00015
%RSD	32.618	12.609	41.279	29.116	52.663	4.2724	.15771	887.60

#1	.00945	-.00173	.00086	.00667	-.00235	.22630	.39902	.00013
#2	.00591	-.00207	.00157	.01012	-.00108	.21303	.39991	-.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	53.347	.02966	-.00003	.00559	.58965	.03491	12.116
Stddev	.00020	.725	.00056	.00023	.00035	.02366	.00000	.124
%RSD	298.89	1.3593	1.8769	845.58	6.2809	4.0133	.00339	1.0207

#1	.00008	52.834	.02927	-.00019	.00534	.60638	.03491	12.028
#2	-.00021	53.860	.03006	.00014	.00584	.57291	.03491	12.203

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00187	-.00050	67.260	.00046	.01945	8.1821	-.00033	.09138
Stddev	.00038	.00004	.809	.00024	.00006	.0904	.00041	.00868
%RSD	20.269	7.3759	1.2034	51.283	.31376	1.1044	122.88	9.4999

#1	.00160	-.00047	66.688	.00063	.01949	8.1182	-.00062	.09752
#2	.00214	-.00052	67.832	.00029	.01940	8.2459	-.00004	.08524

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.985	9.0318	-.00958	.00724	-.00299	.1239	.52558	6.6704
Stddev	.089	.0262	.00065	.00393	.01295	.0018	.00633	.3875
%RSD	.32930	.29030	6.7494	54.191	433.03	1.442	1.2045	5.8093

#1	27.048	9.0132	-.01004	.00447	-.01215	.1252	.52111	6.3964
#2	26.922	9.0503	-.00913	.01002	.00617	.1227	.53006	6.9444

Sample Name: J4958-16 Acquired: 9/19/2018 20:18:32 Type: Unk
Method: P4-ICP2(v2442) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-TT-AOC22- Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.8200
Stddev .3287
%RSD 11.658

#1 3.0525
#2 2.5876

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2204.2	31879.	4179.3	99.003	2648.7
Stddev	12.3	10.	31.5	1.152	10.3
%RSD	.55976	.03229	.75304	1.1639	.38819

#1	2195.4	31872.	4201.5	98.188	2641.4
#2	2212.9	31887.	4157.0	99.817	2655.9

Sample Name: CCV10 Acquired: 9/19/2018 20:22:33 Type: Unk
Method: P4-ICP2(v2442) 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	5.0750	4.8722	5.0370	5.0325	5.1788	10.479	10.075	.25032
Stddev	.0019	.0118	.0089	.0188	.0043	.057	.067	.00032
%RSD	.03802	.24299	.17653	.37396	.08339	.54115	.66092	.12692
#1	5.0736	4.8806	5.0433	5.0192	5.1757	10.519	10.028	.25055
#2	5.0764	4.8638	5.0307	5.0458	5.1818	10.438	10.122	.25010
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4767	24.344	.99840	2.5127	1.2419	4.9456	2.5471	24.305
Stddev	.0042	.041	.00237	.0056	.0002	.2175	.0035	.109
%RSD	.17057	.16881	.23747	.22422	.01456	4.3987	.13781	.44814
#1	2.4797	24.315	1.0001	2.5167	1.2418	5.0994	2.5495	24.228
#2	2.4738	24.373	.99673	2.5087	1.2420	4.7918	2.5446	24.382
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4960	1.2494	24.124	2.4352	2.6604	25.353	5.1545	4.6824
Stddev	.0005	.0025	.194	.0130	.0692	.211	.0028	.0096
%RSD	.02144	.19971	.80511	.53249	2.6019	.83417	.05384	.20407
#1	2.4957	1.2477	23.987	2.4444	2.7094	25.204	5.1525	4.6892
#2	2.4964	1.2512	24.262	2.4261	2.6115	25.503	5.1564	4.6757
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0309	4.7585	4.9422	4.9891	4.5645	5.036	5.0846	5.3713
Stddev	.0169	.0495	.0079	.0015	.0199	.016	.0404	.1649
%RSD	.33504	1.0393	.16035	.02945	.43485	.3086	.79448	3.0690
#1	5.0428	4.7235	4.9478	4.9881	4.5785	5.047	5.0561	5.4879
#2	5.0190	4.7934	4.9366	4.9902	4.5505	5.025	5.1132	5.2547

Sample Name: CCV10 Acquired: 9/19/2018 20:22:33 Type: Unk
Method: P4-ICP2(v2442) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 4.2290
Stddev .0972
%RSD 2.2977

#1 4.2977
#2 4.1603

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2321.9	32808.	4203.3	98.664	2668.4
Stddev	5.1	66.	43.7	2.755	9.6
%RSD	.21750	.20173	1.0386	2.7928	.35949

#1	2318.4	32762.	4234.1	96.715	2661.6
#2	2325.5	32855.	4172.4	100.61	2675.2

Sample Name: CCB10 Acquired: 9/19/2018 20:26:19 Type: Unk
Method: P4-ICP2(v2442) 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	.00251	-.00072	-.00107	.00282	.00082	-.01037	.00015
Stddev	.00157	.00006	.00038	.00206	.00071	.01706	.00048
%RSD	62.386	8.9020	35.748	73.125	86.566	164.56	316.45

#1	.00140	-.00067	-.00080	.00428	.00132	-.02243	-.00019
#2	.00362	-.00076	-.00134	.00136	.00032	.00170	.00050

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	-.00005	-.00986	-.00049	.00005	-.00066	.01151
Stddev	.00008	.00005	.00929	.00046	.00020	.00002	.01815
%RSD	215.27	97.079	94.154	94.386	436.83	3.4178	157.62

#1	-.00009	-.00001	-.01643	-.00016	-.00010	-.00065	.02434
#2	.00002	-.00008	-.00330	-.00082	.00019	-.00068	-.00132

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	.02906	.00119	.00003	-.72391	-.00043	-.00081
Stddev	.00008	.00340	.00069	.00027	.01375	.00015	.00009
%RSD	74.112	11.695	57.890	990.01	1.8996	34.271	11.660

#1	-.00005	.03147	.00070	.00022	-.73364	-.00033	-.00087
#2	-.00017	.02666	.00167	-.00017	-.71419	-.00054	-.00074

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.12493	.00075	.01232	-.00301	-.00010	-.00065	.00102
Stddev	.01160	.00024	.01114	.00118	.00071	.00091	.00113
%RSD	9.2880	31.270	90.389	39.389	749.03	140.31	110.76

#1	-.13314	.00092	.02020	-.00384	-.00060	-.00001	.00022
#2	-.11673	.00059	.00445	-.00217	.00041	-.00129	.00181

Sample Name: CCB10 Acquired: 9/19/2018 20:26:19 Type: Unk
 Method: P4-ICP2(v2442) 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 -.03943	-.0024	.00035	F 4.4055	F 2.3421
Stddev	.01071	.0011	.00002	.4941	.1402
%RSD	27.167	47.25	6.7129	11.215	5.9877

#1	-.03186	-.0016	.00034	4.7549	2.2430
#2	-.04701	-.0032	.00037	4.0561	2.4413

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2366.2	33505.	4144.5	100.40	2948.9
Stddev	3.9	109.	21.8	.89	.9
%RSD	.16542	.32446	.52525	.88413	.03221

#1	2369.0	33428.	4129.1	99.768	2948.3
#2	2363.4	33582.	4159.9	101.02	2949.6

Sample Name: J4958-17 Acquired: 9/19/2018 20:30:23 Type: Unk
Method: P4-ICP2(v2442) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-MH-SW4001 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	-.00067	-.00009	.00538	.00015	.02268	.09815	-.00005
Stddev	.00175	.00189	.00033	.00149	.00021	.00313	.00692	.00009
%RSD	109.09	281.46	379.22	27.761	141.71	13.823	7.0510	167.72

#1	.00284	.00066	.00015	.00432	-.00000	.02046	.10305	-.00012
#2	.00037	-.00200	-.00032	.00644	.00029	.02489	.09326	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	22.678	.00391	.00534	.01356	.53945	.08936	6.3814
Stddev	.00012	1.625	.00019	.00004	.00068	.02420	.00158	.5197
%RSD	103.58	7.1668	4.8093	.75508	5.0418	4.4865	1.7636	8.1439

#1	-.00021	23.827	.00405	.00537	.01404	.55657	.09048	6.7489
#2	-.00003	21.528	.00378	.00531	.01307	.52234	.08825	6.0140

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00297	.00032	93.496	.00020	.02330	3.0499	-.00003	.05031
Stddev	.00028	.00003	6.994	.00063	.00097	.1805	.00008	.00495
%RSD	9.2791	8.0719	7.4808	319.27	4.1614	5.9185	320.34	9.8296

#1	.00277	.00034	98.441	.00064	.02398	3.1776	.00003	.04681
#2	.00316	.00030	88.550	-.00025	.02261	2.9223	-.00009	.05381

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.1597	4.4238	-.00101	.00257	-.02948	.0173	.19112	4.9301
Stddev	.0788	.2662	.00098	.00004	.01006	.0003	.01323	.7708
%RSD	.86016	6.0177	96.901	1.6859	34.120	2.012	6.9207	15.635

#1	9.1040	4.6120	-.00171	.00254	-.03660	.0171	.20047	5.4751
#2	9.2154	4.2356	-.00032	.00260	-.02237	.0176	.18177	4.3850

Sample Name: J4958-17 Acquired: 9/19/2018 20:30:23 Type: Unk
Method: P4-ICP2(v2442) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-MH-SW4001 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.7022
Stddev .2010
%RSD 7.4390

#1 2.8443
#2 2.5600

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2258.3	33345.	4293.0	102.99	2697.4
Stddev	1.8	798.	284.2	4.47	4.9
%RSD	.08163	2.3933	6.6199	4.3367	.18171

#1	2259.6	32780.	4092.0	99.830	2700.9
#2	2257.0	33909.	4493.9	106.15	2693.9

Sample Name: J4958-18 Acquired: 9/19/2018 20:34:25 Type: Unk
 Method: P4-ICP2(v2442) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BP-DUP03-201 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00219	-.00133	.00030	.00661	-.00107	-.01201	.12130	-.00005
Stddev	.00234	.00142	.00141	.00327	.00082	.01617	.00073	.00001
%RSD	106.69	107.03	462.73	49.538	76.831	134.68	.60080	13.785

#1	.00054	-.00032	.00130	.00893	-.00049	-.00057	.12182	-.00004
#2	.00384	-.00233	-.00069	.00429	-.00166	-.02345	.12079	-.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	27.627	.00317	.00622	.02338	.20612	.09827	7.8328
Stddev	.00019	.021	.00007	.00003	.00135	.01111	.00004	.0788
%RSD	169.97	.07502	2.1987	.47437	5.7768	5.3878	.04179	1.0064

#1	.00002	27.612	.00322	.00624	.02434	.19826	.09830	7.7771
#2	-.00024	27.642	.00312	.00620	.02243	.21397	.09824	7.8886

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00220	-.00003	115.61	-.00008	.02794	3.7811	.00020	.06022
Stddev	.00079	.00084	.64	.00021	.00242	.0082	.00010	.00690
%RSD	35.710	2914.5	.55493	264.27	8.6529	.21757	49.790	11.458

#1	.00275	.00056	116.06	.00007	.02964	3.7753	.00013	.05534
#2	.00164	-.00062	115.16	-.00023	.02623	3.7869	.00026	.06510

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.119	5.3802	-.00231	.00459	-.01692	-.0030	.23054	6.3131
Stddev	.044	.0512	.00070	.00043	.00521	.0015	.00226	.0259
%RSD	.39301	.95099	30.558	9.3732	30.799	50.11	.97873	.40980

#1	11.150	5.4164	-.00280	.00429	-.02061	-.0041	.23213	6.3314
#2	11.088	5.3440	-.00181	.00489	-.01324	-.0020	.22894	6.2948

Sample Name: J4958-18 Acquired: 9/19/2018 20:34:25 Type: Unk
Method: P4-ICP2(v2442) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-DUP03-201 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.9619
Stddev .3004
%RSD 10.141

#1 3.1743
#2 2.7495

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2233.1	31995.	4152.9	98.461	2658.0
Stddev	11.9	21.	31.4	.613	16.1
%RSD	.53514	.06514	.75519	.62207	.60482

#1	2224.6	32010.	4130.7	98.895	2646.6
#2	2241.5	31981.	4175.1	98.028	2669.3

Sample Name: J4958-19 Acquired: 9/19/2018 20:38:27 Type: Unk
Method: P4-ICP2(v2442) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-TT-SW4002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00139	-.00205	-.00043	.00359	.00121	-.00588	.12266	-.00007
Stddev	.00114	.00096	.00049	.00346	.00069	.00113	.00086	.00006
%RSD	81.694	46.770	113.23	96.480	56.778	19.258	.69950	81.163

#1	.00220	-.00137	-.00077	.00603	.00072	-.00508	.12327	-.00003
#2	.00059	-.00273	-.00009	.00114	.00169	-.00668	.12206	-.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	28.320	.00374	.00612	.04048	.24164	.10152	7.8961
Stddev	.00013	.199	.00021	.00020	.00022	.00972	.00000	.0446
%RSD	164.73	.70347	5.6756	3.3381	.55432	4.0210	.00037	.56521

#1	-.00017	28.179	.00389	.00598	.04032	.24851	.10152	7.8646
#2	.00001	28.460	.00359	.00626	.04063	.23477	.10152	7.9277

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00172	-.00048	119.25	.00003	.02719	3.8737	.00016	.06883
Stddev	.00023	.00037	.05	.00015	.00044	.0177	.00008	.00602
%RSD	13.206	76.359	.04347	549.85	1.6119	.45644	50.731	8.7478

#1	.00156	-.00074	119.21	.00014	.02750	3.8862	.00022	.06457
#2	.00188	-.00022	119.28	-.00008	.02688	3.8612	.00010	.07308

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.284	5.5683	-.00298	.00041	.00064	-.0008	.23631	6.0218
Stddev	.013	.0102	.00053	.00053	.01305	.0011	.00132	.2674
%RSD	.11198	.18391	17.753	127.75	2027.3	130.2	.55805	4.4412

#1	11.275	5.5611	-.00335	.00078	.00987	-.0001	.23538	6.2109
#2	11.293	5.5756	-.00261	.00004	-.00859	-.0016	.23724	5.8327

Sample Name: J4958-19 Acquired: 9/19/2018 20:38:27 Type: Unk
 Method: P4-ICP2(v2442) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BP-TT-SW4002 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	3.1528
Stddev	.2936
%RSD	9.3135

#1	2.9451
#2	3.3604

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2244.4	32030.	4132.7	97.372	2661.4
Stddev	10.9	23.	10.5	1.345	3.7
%RSD	.48392	.07224	.25501	1.3811	.13888

#1	2236.7	32014.	4125.3	96.421	2658.8
#2	2252.1	32047.	4140.2	98.323	2664.0

Sample Name: J4958-22 Acquired: 9/19/2018 20:42:30 Type: Unk
Method: P4-ICP2(v2442) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BPS1-TT-MW30 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	-.00161	.00249	.00663	-.00135	.11255	.14211	.00014
Stddev	.00030	.00117	.00160	.00240	.00107	.00436	.00002	.00004
%RSD	539.80	72.564	64.259	36.267	78.899	3.8731	.01656	26.015

#1	.00016	-.00244	.00136	.00833	-.00211	.10946	.14209	.00017
#2	-.00027	-.00079	.00363	.00493	-.00060	.11563	.14213	.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00049	39.764	.00042	.00548	.04311	.13353	.10085	15.465
Stddev	.00009	.124	.00013	.00018	.00086	.00488	.00034	.065
%RSD	19.013	.31213	30.471	3.2515	1.9912	3.6555	.33292	.41880

#1	.00056	39.676	.00033	.00561	.04251	.13698	.10109	15.420
#2	.00043	39.852	.00051	.00535	.04372	.13008	.10061	15.511

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01039	.00036	95.244	.00026	.07260	3.7561	.00014	.05604
Stddev	.00048	.00061	.335	.00009	.00258	.0095	.00010	.01228
%RSD	4.6198	167.40	.35123	34.205	3.5481	.25343	73.288	21.907

#1	.01073	-.00007	95.480	.00032	.07078	3.7494	.00007	.04736
#2	.01005	.00079	95.007	.00020	.07442	3.7628	.00021	.06472

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.5976	6.8781	.00113	.00329	-.00382	-.0009	.45339	5.8684
Stddev	.0048	.0446	.00031	.00092	.00621	.0000	.00262	.1187
%RSD	.13277	.64823	27.194	27.942	162.77	4.268	.57893	2.0230

#1	3.6010	6.9096	.00135	.00264	.00058	-.0009	.45525	5.9523
#2	3.5942	6.8466	.00091	.00394	-.00821	-.0008	.45153	5.7845

Sample Name: J4958-22 Acquired: 9/19/2018 20:42:30 Type: Unk
 Method: P4-ICP2(v2442) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BPS1-TT-MW30 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 3.3547
 Stddev .4532
 %RSD 13.510

#1 3.6752
 #2 3.0342

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2244.3	32156.	4143.6	99.246	2664.3
Stddev	11.1	4.	26.8	3.157	8.0
%RSD	.49606	.01160	.64636	3.1805	.29993

#1	2236.4	32153.	4124.7	101.48	2658.6
#2	2252.2	32159.	4162.6	97.014	2669.9

Sample Name: J4958-23 Acquired: 9/19/2018 20:46:32 Type: Unk
Method: P4-ICP2(v2442) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BPS1-TT-MW30 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00140	-.00258	.00264	.00815	.00019	.60938	.10667	.00003
Stddev	.00237	.00200	.00137	.00004	.00141	.00309	.00036	.00006
%RSD	168.87	77.693	51.880	.45761	726.83	.50664	.33789	209.32

#1	.00308	-.00116	.00167	.00812	.00119	.61156	.10641	-.00001
#2	-.00027	-.00399	.00361	.00817	-.00080	.60720	.10692	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	21.329	.07143	.00106	.01026	1.1988	.01555	7.2653
Stddev	.00011	.164	.00004	.00011	.00031	.0046	.00006	.0188
%RSD	78.667	.76673	.05279	10.699	3.0138	.38158	.41106	.25834

#1	-.00021	21.213	.07141	.00098	.01004	1.2020	.01560	7.2785
#2	-.00006	21.445	.07146	.00114	.01048	1.1955	.01551	7.2520

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00577	-.00029	126.06	.00317	.02488	2.6279	.00010	.04129
Stddev	.00006	.00034	.00	.00010	.00028	.0264	.00055	.00346
%RSD	1.0544	118.13	.00291	3.3004	1.1115	1.0062	545.41	8.3737

#1	.00581	-.00005	126.07	.00310	.02508	2.6092	.00049	.04373
#2	.00573	-.00053	126.06	.00325	.02468	2.6466	-.00029	.03884

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.244	5.8348	-.00277	.02175	-.00752	.0050	.16309	5.8943
Stddev	.015	.0236	.00131	.00461	.01598	.0019	.00034	.3800
%RSD	.14243	.40490	47.033	21.215	212.52	38.15	.20617	6.4469

#1	10.233	5.8515	-.00185	.01849	.00378	.0063	.16285	6.1630
#2	10.254	5.8181	-.00370	.02502	-.01882	.0036	.16333	5.6256

Sample Name: J4958-23 Acquired: 9/19/2018 20:46:32 Type: Unk
 Method: P4-ICP2(v2442) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BPS1-TT-MW30 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 3.7344
 Stddev .7366
 %RSD 19.725

#1 3.2135
 #2 4.2553

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2247.9	32032.	4111.1	95.117	2658.5
Stddev	.3	114.	11.1	1.495	.1
%RSD	.01348	.35619	.27021	1.5719	.00285

#1	2248.1	31951.	4119.0	94.060	2658.4
#2	2247.7	32112.	4103.3	96.174	2658.5

Sample Name: J4771-03 Acquired: 9/19/2018 20:50:34 Type: Unk
Method: P4-ICP2(v2442) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: GROUND-WATER Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09292	-.01553	.56649	-.01917	.01165	203.80	14.385
Stddev	.00324	.00122	.00248	.00666	.00097	.16	.040
%RSD	3.4900	7.8578	.43712	34.761	8.3418	.07888	.27696

#1	.09063	-.01639	.56474	-.02388	.01233	203.69	14.413
#2	.09521	-.01466	.56824	-.01446	.01096	203.92	14.357

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01397	.00894	23.043	.27098	.19621	.11654	344.65
Stddev	.00010	.00081	.039	.00191	.00052	.00154	2.70
%RSD	.70567	9.0812	.16811	.70348	.26599	1.3239	.78444

#1	.01390	.00836	23.070	.27233	.19584	.11545	346.56
#2	.01404	.00951	23.015	.26964	.19658	.11763	342.74

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.7454	45.506	.29601	-.00237	.32831	.42549	1.1918
Stddev	.0064	.179	.00021	.00010	.00747	.00187	.0135
%RSD	.09450	.39251	.07184	4.1263	2.2756	.43926	1.1295

#1	6.7499	45.632	.29586	-.00244	.32303	.42681	1.2013
#2	6.7409	45.380	.29616	-.00230	.33359	.42417	1.1823

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.999	.00369	.26120	7.6525	3.7480	.03407	1.0810
Stddev	.019	.00012	.00863	.0045	.0072	.00000	.0050
%RSD	.14241	3.2106	3.3027	.05932	.19254	.01406	.46281

#1	12.986	.00360	.26730	7.6493	3.7531	.03407	1.0846
#2	13.012	.00377	.25510	7.6557	3.7429	.03407	1.0775

Sample Name: J4771-03 Acquired: 9/19/2018 20:50:34 Type: Unk
Method: P4-ICP2(v2442) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: GROUND-WATER Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	4.1768	6.886	.58835	F<.00000	F<.00000
Stddev	.0192	.005	.00120	.09552	.09857
%RSD	.45946	.0762	.20455	.37305	.93023

#1	4.1632	6.882	.58920	-25.674	-10.527
#2	4.1904	6.890	.58750	-25.539	-10.666

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2552.1	36036.	4842.1	99.647	2489.6
Stddev	5.8	135.	22.2	1.082	.5
%RSD	.22714	.37599	.45908	1.0854	.02069

#1	2548.0	35940.	4826.4	98.882	2490.0
#2	2556.2	36132.	4857.8	100.41	2489.2

Sample Name: J4771-03DUP Acquired: 9/19/2018 20:54:37 Type: Unk
Method: P4-ICP2(v2442) 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	.09157	-.01644	.56121	-.01715	.01106	201.22	14.566
Stddev	.00578	.00174	.00015	.00179	.00221	2.09	.019
%RSD	6.3111	10.573	.02732	10.426	20.015	1.0364	.12779

#1	.08748	-.01521	.56110	-.01588	.00949	199.74	14.579
#2	.09565	-.01767	.56132	-.01841	.01263	202.69	14.553

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01408	.00874	22.652	.27130	.19714	.11495	344.64
Stddev	.00014	.00026	.115	.00029	.00027	.00067	.57
%RSD	1.0055	2.9319	.50849	.10656	.13600	.58608	.16457

#1	.01398	.00856	22.571	.27110	.19733	.11543	344.24
#2	.01418	.00892	22.734	.27151	.19695	.11447	345.04

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.5596	44.769	.29377	-.00259	.30432	.42106	1.1780
Stddev	.0225	.269	.00003	.00058	.01621	.00049	.0044
%RSD	.34335	.60117	.00937	22.412	5.3261	.11697	.37659

#1	6.5437	44.579	.29378	-.00300	.29286	.42141	1.1812
#2	6.5755	44.959	.29375	-.00218	.31578	.42071	1.1749

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.744	.00367	.27663	7.7347	3.6732	.03296	1.0777
Stddev	.020	.00001	.00303	.0063	.0142	.00045	.0019
%RSD	.15318	.21029	1.0966	.08163	.38560	1.3624	.17376

#1	12.730	.00368	.27449	7.7392	3.6832	.03264	1.0764
#2	12.758	.00367	.27878	7.7303	3.6631	.03327	1.0790

Sample Name: J4771-03DUP Acquired: 9/19/2018 20:54:37 Type: Unk
 Method: P4-ICP2(v2442) 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	4.1601	6.947	.58837	F<.00000	F<.00000
Stddev	.0033	.008	.00328	.14207	.02962
%RSD	.07856	.1113	.55686	.53826	.29459

#1	4.1625	6.941	.58605	-26.494	-10.075
#2	4.1578	6.952	.59069	-26.294	-10.033

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2557.4	36151.	4890.7	99.759	2494.0
Stddev	8.0	56.	1.9	.482	3.5
%RSD	.31463	.15463	.03949	.48315	.13895

#1	2551.7	36191.	4889.3	99.419	2491.6
#2	2563.1	36112.	4892.0	100.10	2496.5

Sample Name: J4771-03LX5 Acquired: 9/19/2018 20:58:40 Type: Unk
Method: P4-ICP2(v2442) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7465 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02099	-.00359	.11149	-.00006	.00341	41.885	3.1512	.00274
Stddev	.00418	.00074	.00106	.00222	.00138	.121	.0428	.00003
%RSD	19.912	20.536	.95268	3665.8	40.491	.28892	1.3596	.92587

#1	.02395	-.00411	.11074	-.00163	.00243	41.971	3.1210	.00273
#2	.01804	-.00307	.11224	.00151	.00438	41.800	3.1815	.00276

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00071	5.1046	.06028	.03767	.03182	69.543	1.5075	10.057
Stddev	.00007	.0351	.00002	.00026	.00061	.168	.0018	.015
%RSD	9.6646	.68728	.03332	.68981	1.9117	.24132	.12223	.14737

#1	.00066	5.0798	.06030	.03749	.03138	69.424	1.5062	10.068
#2	.00076	5.1294	.06027	.03786	.03225	69.662	1.5088	10.047

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05743	-.00168	-.54254	.09181	.25169	2.7078	.00015	.05444
Stddev	.00025	.00110	.00127	.00040	.00268	.0327	.00043	.00983
%RSD	.43899	65.274	.23333	.43058	1.0638	1.2062	283.74	18.051

#1	.05761	-.00090	-.54165	.09209	.24980	2.6847	.00045	.04749
#2	.05726	-.00246	-.54344	.09153	.25359	2.7309	-.00015	.06139

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4651	.93034	.00527	.24151	.86300	1.313	.13002	<.00000
Stddev	.0076	.04293	.00115	.00061	.00114	.004	.00010	.22536
%RSD	.51871	4.6145	21.739	.25079	.13194	.2884	.07843	29.531

#1	1.4597	.89999	.00608	.24108	.86381	1.311	.12995	-.60376
#2	1.4705	.96070	.00446	.24193	.86220	1.316	.13009	-.92246

Sample Name: J4771-03LX5 Acquired: 9/19/2018 20:58:40 Type: Unk
Method: P4-ICP2(v2442) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7465 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	7.6432
Stddev	.1748
%RSD	2.2865

#1	7.7668
#2	7.5196

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2414.9	33846.	4334.5	99.453	2773.6
Stddev	8.1	83.	69.4	.396	13.7
%RSD	.33654	.24485	1.6005	.39817	.49218

#1	2409.2	33788.	4383.6	99.733	2763.9
#2	2420.6	33905.	4285.5	99.173	2783.2

Sample Name: J4771-03MS Acquired: 9/19/2018 21:02:41 Type: Unk
Method: P4-ICP2(v2442) 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	.93890	2.2802	1.7493	2.0874	.84802	200.33	14.556
Stddev	.00687	.0016	.0055	.0035	.00391	.19	.229
%RSD	.73132	.06960	.31599	.16844	.46137	.09360	1.5765

#1	.93404	2.2813	1.7532	2.0899	.85079	200.46	14.394
#2	.94375	2.2791	1.7454	2.0849	.84525	200.19	14.718

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22220	.25097	23.318	.69289	.43093	.39881	341.69
Stddev	.00058	.00070	.313	.00119	.00133	.00034	4.60
%RSD	.25950	.28078	1.3404	.17175	.30815	.08463	1.3458

#1	.22179	.25147	23.097	.69373	.43187	.39857	338.43
#2	.22261	.25048	23.539	.69205	.42999	.39905	344.94

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.6624	46.136	.89775	.07543	3.4722	.71208	1.4058
Stddev	.0095	.359	.00138	.00189	.0447	.00269	.0208
%RSD	.14332	.77852	.15402	2.5117	1.2866	.37780	1.4825

#1	6.6556	45.882	.89677	.07409	3.4406	.71398	1.3911
#2	6.6691	46.390	.89873	.07677	3.5037	.71017	1.4205

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.321	.42686	.55316	7.5690	4.6324	.82236	1.2517
Stddev	.216	.00063	.00216	.0211	.0462	.00620	.0202
%RSD	.92503	.14737	.39030	.27874	.99690	.75381	1.6100

#1	23.168	.42641	.55163	7.5839	4.5997	.82675	1.2375
#2	23.473	.42730	.55468	7.5541	4.6650	.81798	1.2660

Sample Name: J4771-03MS Acquired: 9/19/2018 21:02:41 Type: Unk
Method: P4-ICP2(v2442) 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	5.9609	13.42	.78691	F<.00000	F<.00000
Stddev	.0428	.01	.00714	.08001	.96593
%RSD	.71847	.0515	.90786	.32674	8.5376

#1	5.9306	13.42	.78186	-24.544	-11.997
#2	5.9911	13.43	.79196	-24.431	-10.631

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2536.0	36034.	4838.3	98.748	2489.5
Stddev	5.8	29.	55.9	1.306	7.2
%RSD	.22849	.08120	1.1557	1.3221	.29110

#1	2531.9	36055.	4877.9	99.671	2484.4
#2	2540.1	36014.	4798.8	97.825	2494.6

Sample Name: J4771-03MSD Acquired: 9/19/2018 21:06:40 Type: Unk
Method: P4-ICP2(v2442) 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	.94144	2.3179	1.7774	2.0981	.85250	202.09	14.852
Stddev	.01281	.0021	.0015	.0171	.00002	.55	.149
%RSD	1.3606	.09104	.08199	.81583	.00198	.27122	1.0039

#1	.95050	2.3194	1.7763	2.1102	.85251	201.70	14.957
#2	.93238	2.3164	1.7784	2.0860	.85249	202.48	14.747

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22486	.25433	23.812	.70405	.43690	.40243	345.22
Stddev	.00004	.00082	.016	.00202	.00042	.00300	8.07
%RSD	.01823	.32096	.06664	.28631	.09511	.74600	2.3368

#1	.22483	.25376	23.823	.70547	.43720	.40030	350.93
#2	.22489	.25491	23.801	.70262	.43661	.40455	339.52

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.7304	47.437	.91120	.07646	3.5445	.72552	1.4197
Stddev	.0169	.196	.00138	.00090	.0083	.00813	.0386
%RSD	.25034	.41278	.15161	1.1816	.23523	1.1206	2.7154

#1	6.7423	47.299	.91022	.07710	3.5386	.73127	1.4470
#2	6.7184	47.576	.91218	.07582	3.5504	.71977	1.3925

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.838	.43064	.55586	7.6172	4.6506	.83185	1.2843
Stddev	.011	.00247	.02749	.0291	.0673	.00079	.0018
%RSD	.04738	.57268	4.9449	.38203	1.4476	.09470	.14038

#1	23.846	.43238	.57530	7.6378	4.6982	.83130	1.2830
#2	23.830	.42889	.53643	7.5966	4.6030	.83241	1.2856

Sample Name: J4771-03MSD Acquired: 9/19/2018 21:06:40 Type: Unk
Method: P4-ICP2(v2442) 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	6.0463	13.58	.80378	F<.00000	F<.00000
Stddev	.0009	.02	.00051	.71089	.78166
%RSD	.01497	.1189	.06340	2.8662	6.8049

#1	6.0456	13.59	.80414	-25.305	-12.040
#2	6.0469	13.56	.80342	-24.300	-10.934

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2523.0	35707.	4746.8	97.812	2466.0
Stddev	13.9	72.	39.5	2.911	9.7
%RSD	.54992	.20168	.83280	2.9761	.39151

#1	2513.2	35656.	4718.9	95.754	2459.2
#2	2532.8	35758.	4774.8	99.870	2472.8

Sample Name: CCV11 Acquired: 9/19/2018 21:10:37 Type: Unk
Method: P4-ICP2(v2442) 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	5.1190	4.8990	5.0904	5.0557	5.2203	10.428	10.178	.25258
Stddev	.0273	.0109	.0100	.0085	.0076	.004	.056	.00057
%RSD	.53334	.22304	.19710	.16778	.14601	.03718	.55099	.22498
#1	5.1383	4.8912	5.0975	5.0497	5.2257	10.431	10.217	.25299
#2	5.0997	4.9067	5.0833	5.0616	5.2149	10.425	10.138	.25218
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4997	24.469	1.0025	2.5388	1.2512	4.9950	2.5734	24.442
Stddev	.0021	.033	.0016	.0038	.0004	.0374	.0037	.366
%RSD	.08219	.13615	.16259	.15019	.03626	.74801	.14427	1.4975
#1	2.5012	24.492	1.0013	2.5415	1.2515	5.0214	2.5708	24.183
#2	2.4983	24.445	1.0036	2.5361	1.2509	4.9686	2.5760	24.700
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5239	1.2650	24.374	2.4603	2.7020	25.731	5.2005	4.6777
Stddev	.0069	.0023	.097	.0038	.0051	.087	.0057	.0373
%RSD	.27141	.18519	.39989	.15599	.18880	.33789	.11051	.79662
#1	2.5288	1.2667	24.443	2.4630	2.7056	25.792	5.2046	4.7040
#2	2.5191	1.2634	24.305	2.4576	2.6984	25.670	5.1964	4.6513
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0479	4.8241	5.0150	5.0115	4.5461	5.067	5.1472	F 5.7156
Stddev	.0044	.0071	.0242	.0289	.0235	.005	.0187	.1492
%RSD	.08776	.14638	.48326	.57637	.51650	.0939	.36415	2.6108
#1	5.0448	4.8291	5.0321	5.0319	4.5627	5.070	5.1605	5.6100
#2	5.0511	4.8191	4.9978	4.9910	4.5294	5.064	5.1340	5.8211

Sample Name: CCV11 Acquired: 9/19/2018 21:10:37 Type: Unk
 Method: P4-ICP2(v2442) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 4.1267
 Stddev .1080
 %RSD 2.6162

#1 4.0504
 #2 4.2031

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2285.9	32285.	4121.5	96.588	2625.7
Stddev	8.6	42.	9.6	.345	8.0
%RSD	.37483	.12898	.23353	.35751	.30344

#1	2279.9	32256.	4114.7	96.344	2620.1
#2	2292.0	32314.	4128.3	96.832	2631.4

Sample Name: CCB11 Acquired: 9/19/2018 21:14:23 Type: Unk
Method: P4-ICP2(v2442) 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	.00214	.00030	-.00098	.00364	.00213	-.01528	-.00079
Stddev	.00167	.00125	.00037	.00178	.00033	.00350	.00185
%RSD	78.279	411.63	37.911	49.019	15.424	22.906	234.48

#1	.00332	-.00058	-.00071	.00238	.00236	-.01775	-.00209
#2	.00095	.00119	-.00124	.00490	.00190	-.01280	.00052

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	-.00013	-.00794	-.00033	-.00026	-.00045	-.00047
Stddev	.00008	.00000	.01839	.00018	.00004	.00029	.01718
%RSD	234.92	.36755	231.53	55.042	15.329	65.927	3672.6

#1	.00002	-.00013	-.02095	-.00046	-.00029	-.00024	.01168
#2	-.00009	-.00013	.00506	-.00020	-.00023	-.00066	-.01261

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.01078	.00107	.00028	-.81401	-.00008	-.00076
Stddev	.00004	.05659	.00052	.00034	.00057	.00013	.00007
%RSD	363.90	525.18	48.952	121.48	.06976	168.13	8.8769

#1	.00002	-.05079	.00144	.00004	-.81361	-.00017	-.00080
#2	-.00004	.02924	.00070	.00052	-.81442	.00001	-.00071

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.13478	.00070	-.00244	-.00306	-.00323	-.00088	.00220
Stddev	.01021	.00009	.00734	.00102	.00415	.00030	.00112
%RSD	7.5757	12.584	301.17	33.344	128.82	34.106	51.150

#1	-.12756	.00076	-.00762	-.00378	-.00029	-.00067	.00299
#2	-.14200	.00063	.00275	-.00234	-.00616	-.00109	.00140

Sample Name: CCB11 Acquired: 9/19/2018 21:14:23 Type: Unk
Method: P4-ICP2(v2442) 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 -.02149	-.0006	.00036	F 5.2196	F 2.2659
Stddev	.00510	.0004	.00005	.1158	.0150
%RSD	23.711	63.25	14.261	2.2195	.66407

#1	-.02509	-.0008	.00032	5.1376	2.2765
#2	-.01789	-.0003	.00039	5.3015	2.2553

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2368.5	33606.	4149.0	101.25	2958.2
Stddev	10.3	30.	2.9	1.93	10.1
%RSD	.43523	.09041	.06995	1.9089	.34115

#1	2361.2	33585.	4147.0	102.61	2951.0
#2	2375.8	33628.	4151.1	99.881	2965.3

Sample Name: J4771-03A Acquired: 9/19/2018 21:18:28 Type: Unk
Method: P4-ICP2(v2442) 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	.93641	2.3103	1.7722	2.0867	.85074	201.66	14.707
Stddev	.00321	.0080	.0081	.0217	.00025	.29	.026
%RSD	.34324	.34658	.45643	1.0378	.02987	.14160	.17775

#1	.93868	2.3159	1.7665	2.1020	.85056	201.86	14.725
#2	.93414	2.3046	1.7779	2.0714	.85092	201.46	14.688

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22344	.25283	23.678	.69647	.43524	.39876	345.56
Stddev	.00042	.00176	.068	.00008	.00098	.00496	9.48
%RSD	.18811	.69468	.28780	.01114	.22462	1.2448	2.7421

#1	.22314	.25159	23.629	.69652	.43454	.39525	352.26
#2	.22374	.25407	23.726	.69641	.43593	.40227	338.86

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.7039	46.945	.90727	.07529	3.5037	.71889	1.4175
Stddev	.0010	.107	.00065	.00045	.0008	.00065	.0388
%RSD	.01567	.22812	.07124	.59871	.02362	.09104	2.7371

#1	6.7046	46.870	.90681	.07561	3.5043	.71935	1.4449
#2	6.7031	47.021	.90772	.07497	3.5031	.71843	1.3900

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.657	.42868	.55340	7.6060	4.5348	.83004	1.2755
Stddev	.056	.00081	.02233	.0079	.0229	.00195	.0027
%RSD	.23709	.18816	4.0349	.10332	.50437	.23546	.21247

#1	23.617	.42925	.56919	7.6115	4.5510	.82865	1.2736
#2	23.697	.42811	.53761	7.6004	4.5186	.83142	1.2774

Sample Name: J4771-03A Acquired: 9/19/2018 21:18:28 Type: Unk
 Method: P4-ICP2(v2442) 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	6.0419	13.55	.80084	F<.00000	F<.00000
Stddev	.0233	.01	.00224	.16715	.41895
%RSD	.38611	.0398	.27969	.68287	3.6726
#1	6.0254	13.56	.79926	-24.359	-11.111
#2	6.0584	13.55	.80243	-24.595	-11.704
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2526.8	35821.	4777.9	97.949	2469.0
Stddev	5.8	20.	7.9	2.840	5.3
%RSD	.22758	.05444	.16546	2.8994	.21321
#1	2522.7	35808.	4783.4	95.941	2465.3
#2	2530.9	35835.	4772.3	99.958	2472.7

Sample Name: J4979-01 Acquired: 9/19/2018 21:22:26 Type: Unk
Method: P4-ICP2(v2442) 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	.03290	-.00726	.04430	-.00606	-.00063	71.004	.16578
Stddev	.00375	.00122	.00008	.00297	.00221	.068	.00040
%RSD	11.397	16.753	.18271	49.045	347.87	.09643	.24074

#1	.03025	-.00640	.04435	-.00816	-.00219	71.052	.16550
#2	.03555	-.00812	.04424	-.00396	.00093	70.955	.16606

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00156	.00120	116.05	.11522	.01564	.06116	93.642
Stddev	.00002	.00009	.35	.00051	.00030	.00102	1.486
%RSD	1.4878	7.7559	.30448	.44488	1.9142	1.6693	1.5870

#1	.00158	.00113	115.80	.11559	.01543	.06044	94.693
#2	.00155	.00126	116.30	.11486	.01585	.06189	92.591

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.39219	38.489	.03312	-.00201	-.13846	.15582	.20780
Stddev	.00062	.056	.00063	.00007	.00243	.00134	.00247
%RSD	.15726	.14555	1.9149	3.2373	1.7556	.86209	1.1907

#1	.39263	38.449	.03357	-.00206	-.14018	.15677	.20955
#2	.39175	38.528	.03268	-.00196	-.13674	.15487	.20605

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.6096	.00513	.07495	2.5746	5.8332	.01162	.71515
Stddev	.0125	.00024	.00485	.0145	.0043	.00044	.00384
%RSD	.34643	4.6414	6.4760	.56392	.07339	3.7574	.53724

#1	3.6008	.00497	.07838	2.5849	5.8363	.01132	.71786
#2	3.6184	.00530	.07152	2.5643	5.8302	.01193	.71243

Sample Name: J4979-01 Acquired: 9/19/2018 21:22:26 Type: Unk
Method: P4-ICP2(v2442) 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	.20622	1.270	.40662	F<.00000	7.5244
Stddev	.01721	.008	.00097	.06983	1.4087
%RSD	8.3461	.6623	.23884	2.6412	18.721

#1	.19405	1.276	.40593	-2.6933	8.5205
#2	.21839	1.264	.40731	-2.5946	6.5284

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2402.6	34073.	4534.6	99.529	2601.4
Stddev	5.8	108.	5.6	1.578	9.9
%RSD	.24032	.31599	.12312	1.5851	.37964

#1	2398.6	33997.	4538.6	98.414	2594.4
#2	2406.7	34149.	4530.7	100.65	2608.3

Sample Name: J4979-05 Acquired: 9/19/2018 21:26:24 Type: Unk
Method: P4-ICP2(v2442) 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	.00382	-.00132	-.00113	.00401	.00041	1.6354	.02721	-.00004
Stddev	.00180	.00013	.00107	.00729	.00277	.0188	.00024	.00007
%RSD	47.110	9.8975	94.636	181.53	681.20	1.1518	.89151	170.65

#1	.00255	-.00141	-.00189	-.00114	-.00155	1.6488	.02704	-.00009
#2	.00509	-.00123	-.00037	.00916	.00236	1.6221	.02738	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	5.9269	.05656	.00047	.00221	.83082	.01184	1.9388
Stddev	.00002	.0269	.00095	.00021	.00024	.00041	.00026	.0275
%RSD	16.824	.45371	1.6864	43.411	10.987	.04986	2.2201	1.4178

#1	-.00015	5.9079	.05589	.00033	.00204	.83112	.01165	1.9193
#2	-.00012	5.9459	.05724	.00062	.00238	.83053	.01203	1.9582

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03506	-.00029	-.18677	.00249	.01246	.58733	.05646	.01763
Stddev	.00060	.00009	.02047	.00050	.00003	.02406	.00064	.00830
%RSD	1.6995	31.265	10.960	19.872	.24890	4.0970	1.1297	47.108

#1	.03464	-.00023	-.20124	.00214	.01243	.57032	.05600	.02350
#2	.03548	-.00036	-.17229	.00285	.01248	.60435	.05691	.01176

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.30768	2.3971	.00024	.05732	-.03763	.0061	.02476	4.7119
Stddev	.00358	.0461	.00080	.00026	.00123	.0032	.00007	.0836
%RSD	1.1643	1.9215	338.79	.45017	3.2786	51.97	.27418	1.7747

#1	.31021	2.3646	.00080	.05750	-.03676	.0039	.02471	4.7711
#2	.30515	2.4297	-.00033	.05713	-.03850	.0084	.02481	4.6528

Sample Name: J4979-05 Acquired: 9/19/2018 21:26:24 Type: Unk
 Method: P4-ICP2(v2442) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.0561
 Stddev .0899
 %RSD 4.3730

#1 1.9926
 #2 2.1197

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2327.5	33555.	4231.4	100.40	2902.9
Stddev	9.3	96.	1.1	1.08	4.3
%RSD	.40006	.28469	.02522	1.0788	.14783

#1	2321.0	33487.	4230.6	99.637	2899.9
#2	2334.1	33622.	4232.1	101.17	2906.0

Sample Name: J4979-05DUP Acquired: 9/19/2018 21:30:28 Type: Unk
Method: P4-ICP2(v2442) 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	-.00023	-.00224	-.00134	.00614	.00212	1.6283	.02657	-.00005
Stddev	.00247	.00045	.00051	.00332	.00093	.0033	.00018	.00003
%RSD	1065.4	20.016	37.897	54.034	43.693	.20381	.67489	53.095

#1	-.00198	-.00256	-.00170	.00379	.00146	1.6260	.02670	-.00007
#2	.00151	-.00192	-.00098	.00848	.00277	1.6307	.02645	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	5.9100	.05977	.00050	.00230	.82901	.01209	1.9352
Stddev	.00020	.0134	.00027	.00016	.00027	.02095	.00004	.0522
%RSD	168.27	.22598	.44447	32.126	11.760	2.5270	.31059	2.6965

#1	.00002	5.9005	.05959	.00039	.00210	.84383	.01207	1.8983
#2	-.00026	5.9194	.05996	.00061	.00249	.81420	.01212	1.9721

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03722	.00004	-.19516	.00271	.01239	.57858	.05682	.01501
Stddev	.00027	.00023	.00277	.00074	.00005	.02181	.00005	.00310
%RSD	.72360	606.04	1.4192	27.291	.39815	3.7695	.08977	20.659

#1	.03703	-.00012	-.19321	.00219	.01235	.56315	.05686	.01721
#2	.03741	.00020	-.19712	.00324	.01242	.59400	.05678	.01282

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.30134	2.3155	.00070	.05740	-.04208	.0067	.02471	4.8063
Stddev	.00202	.0015	.00068	.00029	.00219	.0014	.00021	.1257
%RSD	.67137	.06656	97.202	.51312	5.2048	20.33	.83220	2.6150

#1	.30277	2.3144	.00117	.05719	-.04053	.0057	.02486	4.8951
#2	.29991	2.3166	.00022	.05761	-.04363	.0076	.02456	4.7174

Sample Name: J4979-05DUP Acquired: 9/19/2018 21:30:28 Type: Unk
 Method: P4-ICP2(v2442) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.9133
 Stddev .2314
 %RSD 7.9418

#1 2.7497
 #2 3.0769

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2345.7	33863.	4313.1	101.60	2935.5
Stddev	9.4	45.	6.7	.52	15.7
%RSD	.39995	.13357	.15441	.51457	.53403

#1	2339.1	33895.	4317.8	101.23	2924.4
#2	2352.4	33831.	4308.4	101.97	2946.6

Sample Name: J4979-05LX5 Acquired: 9/19/2018 21:34:32 Type: Unk
Method: P4-ICP2(v2442) 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	-.00079	-.00075	.00210	.00116	.33291	.00522	.00000
Stddev	.00007	.00011	.00010	.00135	.00027	.00872	.00059	.00000
%RSD	3.2083	13.330	13.884	64.509	23.464	2.6196	11.259	64.324

#1	-.00205	-.00072	-.00068	.00306	.00096	.33907	.00563	.00000
#2	-.00214	-.00087	-.00083	.00114	.00135	.32674	.00480	.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	1.2241	.00010	-.00016	.00011	.13138	.00102	.44636
Stddev	.00002	.0042	.00011	.00004	.00051	.00337	.00004	.02337
%RSD	38.210	.33862	107.46	26.978	474.37	2.5650	3.4632	5.2348

#1	-.00005	1.2270	.00002	-.00013	-.00025	.13376	.00104	.46289
#2	-.00003	1.2212	.00018	-.00019	.00046	.12899	.00099	.42984

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00165	.00023	-.69237	-.00002	.00171	.01423	.00954	-.00382
Stddev	.00035	.00081	.00871	.00031	.00021	.04455	.00034	.00065
%RSD	21.042	344.26	1.2581	1645.7	11.965	313.15	3.5936	16.963

#1	.00141	-.00034	-.68621	-.00024	.00157	.04573	.00979	-.00336
#2	.00190	.00080	-.69853	.00020	.00186	-.01728	.00930	-.00428

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06198	.52638	-.00073	.01456	-.04885	.0007	.00541	5.1283
Stddev	.00019	.00189	.00037	.00118	.01249	.0014	.00000	.5596
%RSD	.30125	.35845	50.884	8.0822	25.560	211.2	.03371	10.913

#1	.06211	.52505	-.00100	.01540	-.04002	-.0003	.00541	4.7326
#2	.06185	.52771	-.00047	.01373	-.05768	.0017	.00542	5.5240

Sample Name: J4979-05LX5 Acquired: 9/19/2018 21:34:32 Type: Unk
 Method: P4-ICP2(v2442) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.5451
 Stddev .2158
 %RSD 8.4781

#1 2.6977
 #2 2.3925

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2356.1	33500.	4159.8	98.491	2919.8
Stddev	7.5	47.	12.6	1.780	10.9
%RSD	.31827	.14001	.30204	1.8074	.37400

#1	2350.8	33467.	4168.7	99.749	2912.1
#2	2361.4	33533.	4150.9	97.232	2927.6

Sample Name: J4979-05MS Acquired: 9/19/2018 21:38:37 Type: Unk
Method: P4-ICP2(v2442) 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	.89542	2.1883	1.1181	2.2084	.91237	3.9482	.26116	.21221	.21775
Stddev	.00459	.0018	.0016	.0019	.00247	.0404	.00124	.00065	.00007
%RSD	.51289	.08052	.14123	.08487	.27024	1.0225	.47303	.30601	.03221

#1	.89867	2.1871	1.1170	2.2098	.91412	3.9768	.26029	.21175	.21770
#2	.89217	2.1896	1.1193	2.2071	.91063	3.9197	.26204	.21267	.21780

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.0542	.48177	.21925	.33124	4.0862	.24474	4.0540	.56332	.07932
Stddev	.0134	.00089	.00038	.00077	.0996	.00032	.0092	.00303	.00055
%RSD	.18973	.18497	.17347	.23173	2.4362	.13201	.22675	.53761	.69307

#1	7.0637	.48240	.21898	.33070	4.0158	.24451	4.0605	.56117	.07893
#2	7.0448	.48114	.21952	.33178	4.1566	.24497	4.0475	.56546	.07971

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	3.2915	.33985	.24398	12.205	.53532	.32282	.30366	3.3978	.74311
Stddev	.0240	.00049	.01027	.002	.00231	.00217	.00934	.0492	.00205
%RSD	.72786	.14485	4.2103	.01564	.43090	.67146	3.0745	1.4483	.27629

#1	3.2746	.33951	.23672	12.207	.53695	.32129	.29706	3.3630	.74456
#2	3.3085	.34020	.25125	12.204	.53369	.32435	.31026	3.4326	.74166

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.28587	1.9489	5.810	.24967	4.9943	1.5592
Stddev	.00047	.0036	.012	.00213	.2029	.8152
%RSD	.16549	.18611	.2054	.85275	4.0627	52.285

#1	.28553	1.9515	5.819	.24817	5.1377	.98272
#2	.28620	1.9463	5.802	.25118	4.8508	2.1356

Sample Name: J4979-05MS Acquired: 9/19/2018 21:38:37 Type: Unk
Method: P4-ICP2(v2442) 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	2308.7	33300.	4175.3	101.18	2843.3
Stddev	10.4	117.	49.2	3.93	6.2
%RSD	.45255	.35241	1.1773	3.8816	.21774
#1	2301.3	33217.	4210.0	103.95	2838.9
#2	2316.1	33383.	4140.5	98.401	2847.6

Sample Name: J4979-05MSD Acquired: 9/19/2018 21:42:31 Type: Unk
Method: P4-ICP2(v2442) 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	.89777	2.1895	1.1204	2.2279	.92574	3.9934	.26376	.21370	.21905
Stddev	.00007	.0002	.0007	.0059	.00322	.0044	.00145	.00099	.00027
%RSD	.00748	.01034	.06148	.26505	.34786	.11093	.54916	.46181	.12335

#1	.89772	2.1894	1.1209	2.2321	.92801	3.9903	.26479	.21440	.21924
#2	.89782	2.1897	1.1199	2.2238	.92346	3.9965	.26274	.21300	.21886

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.0615	.48056	.22064	.33157	4.0797	.24507	4.1452	.56799	.07938
Stddev	.0029	.00287	.00048	.00062	.0999	.00036	.0342	.00047	.00012
%RSD	.04098	.59726	.21719	.18579	2.4496	.14591	.82461	.08300	.15178

#1	7.0594	.47853	.22098	.33201	4.0090	.24533	4.1694	.56832	.07947
#2	7.0635	.48259	.22030	.33113	4.1504	.24482	4.1210	.56766	.07930

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	3.2943	.33588	.24527	12.343	.53925	.32031	.30132	3.3832	.74346
Stddev	.0129	.00042	.00518	.090	.00209	.00431	.00159	.0170	.00035
%RSD	.39111	.12639	2.1120	.73185	.38699	1.3469	.52741	.50095	.04694

#1	3.3034	.33558	.24161	12.407	.54073	.32336	.30245	3.3952	.74371
#2	3.2852	.33618	.24893	12.279	.53778	.31726	.30020	3.3713	.74321

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.29109	1.9726	5.841	.25028	5.3696	1.5872
Stddev	.00024	.0290	.001	.00463	.0422	.1149
%RSD	.08215	1.4708	.0214	1.8498	.78622	7.2402

#1	.29092	1.9931	5.840	.25356	5.3994	1.5060
#2	.29126	1.9520	5.842	.24701	5.3397	1.6685

Sample Name: J4979-05MSD Acquired: 9/19/2018 21:42:31 Type: Unk
Method: P4-ICP2(v2442) 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	2304.8	33303.	4166.8	101.34	2837.6
Stddev	10.2	78.	53.1	1.86	10.4
%RSD	.44043	.23467	1.2752	1.8381	.36559
#1	2297.6	33247.	4129.3	102.66	2830.2
#2	2312.0	33358.	4204.4	100.02	2844.9

Sample Name: J4979-05A Acquired: 9/19/2018 21:46:23 Type: Unk
Method: P4-ICP2(v2442) 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	.89451	2.2022	1.1252	2.2238	.92019	3.9202	.26267	.21374	.21879
Stddev	.00717	.0010	.0003	.0029	.00369	.0473	.00194	.00029	.00071
%RSD	.80129	.04773	.02783	.13234	.40138	1.2061	.73737	.13368	.32287
#1	.89958	2.2029	1.1254	2.2259	.92281	3.8867	.26130	.21354	.21829
#2	.88945	2.2014	1.1250	2.2217	.91758	3.9536	.26404	.21395	.21929
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.0358	.48357	.22050	.33174	4.2073	.24566	4.1945	.56541	.08048
Stddev	.0335	.00096	.00025	.00057	.0430	.00020	.0339	.00289	.00024
%RSD	.47631	.19758	.11135	.17270	1.0224	.08079	.80838	.51077	.30083
#1	7.0121	.48424	.22033	.33215	4.1769	.24552	4.1705	.56337	.08065
#2	7.0595	.48289	.22067	.33134	4.2378	.24580	4.2185	.56746	.08031
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	3.2912	.34049	.25346	12.288	.53950	.32648	.30302	3.4345	.74672
Stddev	.0134	.00220	.00343	.028	.00075	.00396	.00116	.0515	.00137
%RSD	.40668	.64645	1.3526	.22556	.13910	1.2132	.38249	1.5000	.18378
#1	3.2817	.34204	.25103	12.308	.54004	.32368	.30220	3.4709	.74575
#2	3.3007	.33893	.25588	12.268	.53897	.32929	.30384	3.3980	.74769
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.28624	1.9610	5.838	.25091	4.9471	1.5506			
Stddev	.00133	.0018	.021	.00075	.3585	.0372			
%RSD	.46389	.08995	.3643	.29792	7.2459	2.3975			
#1	.28530	1.9597	5.823	.25038	4.6936	1.5243			
#2	.28718	1.9622	5.853	.25144	5.2006	1.5769			

Sample Name: J4979-05A Acquired: 9/19/2018 21:46:23 Type: Unk
Method: P4-ICP2(v2442) 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	2312.9	33311.	4152.2	98.215	2845.4
Stddev	24.2	39.	25.7	.555	18.0
%RSD	1.0454	.11741	.61904	.56540	.63197
#1	2295.8	33284.	4134.0	98.608	2832.7
#2	2330.0	33339.	4170.4	97.823	2858.1

Sample Name: J4982-02 Acquired: 9/19/2018 21:50:15 Type: Unk
Method: P4-ICP2(v2442) 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	.00247	-.00349	-.00167	.00471	.00255	.00726	.11007	-.00019
Stddev	.00066	.00279	.00053	.00188	.00136	.00928	.00019	.00005
%RSD	26.497	80.043	32.030	40.029	53.433	127.73	.17599	27.224

#1	.00201	-.00151	-.00129	.00338	.00352	.00070	.11021	-.00022
#2	.00294	-.00547	-.00204	.00604	.00159	.01382	.10993	-.00015

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00017	4.3435	.00041	-.00026	-.00085	.01392	.00032	.36710
Stddev	.00013	.0175	.00008	.00013	.00029	.00442	.00001	.03552
%RSD	73.711	.40342	19.641	51.020	33.947	31.732	3.0792	9.6763

#1	-.00008	4.3559	.00046	-.00017	-.00106	.01705	.00033	.39222
#2	-.00027	4.3311	.00035	-.00035	-.00065	.01080	.00032	.34198

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00131	.00010	2.1195	.00009	.02073	6.0067	.00126	.02094
Stddev	.00043	.00011	.0094	.00032	.00017	.0315	.00000	.00627
%RSD	32.894	116.92	.44153	354.79	.82829	.52500	.09600	29.933

#1	.00161	.00017	2.1129	.00032	.02085	6.0290	.00126	.01651
#2	.00100	.00002	2.1261	-.00014	.02061	5.9844	.00126	.02537

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.61971	.63201	.00008	.00088	-.01796	.0048	.06200	5.2235
Stddev	.00460	.00648	.00078	.00170	.00950	.0021	.00033	.0337
%RSD	.74226	1.0258	1013.9	193.04	52.904	43.26	.52628	.64500

#1	.62296	.62742	-.00047	-.00032	-.02467	.0033	.06223	5.1997
#2	.61646	.63659	.00063	.00208	-.01124	.0063	.06177	5.2473

Sample Name: J4982-02 Acquired: 9/19/2018 21:50:15 Type: Unk
 Method: P4-ICP2(v2442) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.3618
 Stddev .2846
 %RSD 12.050

#1 2.1606
 #2 2.5631

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2296.5	33275.	4173.6	100.34	2884.5
Stddev	10.6	198.	32.1	2.19	14.0
%RSD	.46101	.59553	.76888	2.1798	.48614

#1	2289.0	33135.	4150.9	98.795	2874.6
#2	2304.0	33415.	4196.2	101.89	2894.4

Sample Name: J4771-04 Acquired: 9/19/2018 21:54:20 Type: Unk
Method: P4-ICP2(v2442) 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	.00115	-.00306	.00999	.00460	.00217	.08717	.48997	.00016
Stddev	.00376	.00272	.00006	.00134	.00162	.01485	.00399	.00006
%RSD	327.11	88.880	.61554	29.216	74.386	17.036	.81521	36.898

#1	.00380	-.00114	.00995	.00365	.00103	.07667	.49279	.00020
#2	-.00151	-.00499	.01004	.00555	.00331	.09767	.48714	.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00033	7.6644	-.00093	.00516	.00535	.03148	1.0504	2.8440
Stddev	.00020	.0154	.00047	.00032	.00069	.00961	.0030	.0242
%RSD	60.213	.20042	51.020	6.2853	12.973	30.536	.28230	.85126

#1	.00047	7.6536	-.00126	.00539	.00584	.02468	1.0483	2.8269
#2	.00019	7.6753	-.00059	.00493	.00486	.03827	1.0525	2.8611

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00436	.00031	324.27	-.00079	.05714	.30746	-.00005	.01670
Stddev	.00049	.00016	4.26	.00014	.00127	.01405	.00012	.00132
%RSD	11.160	53.599	1.3132	18.255	2.2184	4.5700	246.63	7.9085

#1	.00402	.00019	327.28	-.00089	.05804	.31739	-.00014	.01576
#2	.00471	.00042	321.26	-.00069	.05625	.29752	.00004	.01763

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.42248	.45812	.00240	.00195	-.03523	.0076	.09145	6.7219
Stddev	.00517	.00994	.00023	.00270	.00784	.0002	.00006	.2378
%RSD	1.2244	2.1700	9.4945	138.15	22.261	3.013	.06621	3.5375

#1	.41882	.46515	.00223	.00005	-.02969	.0074	.09149	6.5538
#2	.42613	.45109	.00256	.00386	-.04078	.0077	.09140	6.8901

Sample Name: J4771-04 Acquired: 9/19/2018 21:54:20 Type: Unk
Method: P4-ICP2(v2442) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 4.6608
Stddev .3713
%RSD 7.9673

#1 4.9234
#2 4.3983

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2206.0	31647.	4206.6	100.11	2539.2
Stddev	8.6	30.	23.1	1.70	4.2
%RSD	.38941	.09505	.54856	1.7012	.16555

#1	2212.1	31669.	4190.3	98.905	2542.1
#2	2199.9	31626.	4222.9	101.31	2536.2

Sample Name: CCV12 Acquired: 9/19/2018 21:58:29 Type: Unk
Method: P4-ICP2(v2442) 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	5.1278	4.8781	5.1272	5.0592	5.2316	10.450	10.085	.25179
Stddev	.0265	.0260	.0055	.0340	.0300	.009	.016	.00116
%RSD	.51623	.53346	.10709	.67134	.57411	.08980	.15906	.45957

#1	5.1466	4.8965	5.1311	5.0832	5.2528	10.443	10.097	.25097
#2	5.1091	4.8597	5.1233	5.0352	5.2103	10.456	10.074	.25261

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5101	24.496	1.0029	2.5531	1.2512	5.0657	2.5687	24.633
Stddev	.0078	.076	.0037	.0097	.0028	.1660	.0040	.030
%RSD	.30999	.31014	.37115	.37992	.22603	3.2765	.15566	.12078

#1	2.5156	24.442	1.0003	2.5599	1.2532	4.9483	2.5659	24.612
#2	2.5046	24.550	1.0056	2.5462	1.2492	5.1830	2.5716	24.654

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5312	1.2634	24.123	2.4428	2.7483	25.604	5.2287	4.6305
Stddev	.0083	.0006	.036	.0081	.0818	.105	.0215	.0066
%RSD	.32744	.05063	.14964	.33197	2.9773	.40937	.41045	.14262

#1	2.5371	1.2639	24.148	2.4371	2.6905	25.530	5.2439	4.6258
#2	2.5253	1.2630	24.097	2.4486	2.8062	25.678	5.2135	4.6352

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0586	4.8389	5.0333	5.0463	4.5524	5.027	5.1096	F 5.7686
Stddev	.0007	.0162	.0482	.0102	.0016	.020	.0076	.4521
%RSD	.01351	.33551	.95791	.20275	.03533	.3943	.14924	7.8364

#1	5.0591	4.8504	5.0674	5.0391	4.5513	5.041	5.1150	5.4489
#2	5.0581	4.8274	4.9992	5.0535	4.5536	5.013	5.1042	6.0882

Sample Name: CCV12 Acquired: 9/19/2018 21:58:29 Type: Unk
Method: P4-ICP2(v2442) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3.6595
Stddev .1814
%RSD 4.9564

#1 3.5312
#2 3.7878

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2287.7	32485.	4160.2	95.608	2626.7
Stddev	11.0	42.	.7	2.738	10.3
%RSD	.47970	.12931	.01663	2.8642	.39211

#1	2279.9	32515.	4160.7	97.545	2619.5
#2	2295.4	32455.	4159.7	93.672	2634.0

Sample Name: CCB12 Acquired: 9/19/2018 22:02:15 Type: Unk
Method: P4-ICP2(v2442) 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	.00411	-.00025	-.00010	.00328	.00088	-.01328	-.00041
Stddev	.00125	.00200	.00028	.00658	.00024	.01126	.00062
%RSD	30.399	808.49	270.32	200.62	27.019	84.775	149.51

#1	.00323	.00116	-.00030	-.00137	.00071	-.02125	-.00085
#2	.00500	-.00166	.00009	.00793	.00105	-.00532	.00002

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	-.00004	.00277	-.00020	-.00009	-.00012	-.00425
Stddev	.00005	.00014	.00278	.00008	.00006	.00010	.01573
%RSD	142.50	375.56	100.30	42.625	65.732	81.372	370.53

#1	-.00008	.00006	.00474	-.00026	-.00013	-.00019	.00688
#2	.00000	-.00014	.00081	-.00014	-.00005	-.00005	-.01537

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	.03583	.00070	.00004	-.80812	-.00016	-.00063
Stddev	.00001	.06606	.00064	.00022	.02252	.00048	.00004
%RSD	9.3363	184.40	90.962	574.55	2.7864	289.95	6.6716

#1	-.00011	-.01089	.00025	-.00012	-.82404	.00017	-.00066
#2	-.00012	.08254	.00115	.00020	-.79219	-.00050	-.00060

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.10766	.00117	.01852	.00041	-.00170	-.00092	.00211
Stddev	.01845	.00017	.01663	.00225	.00081	.00007	.00163
%RSD	17.138	14.986	89.796	549.08	47.294	7.4089	77.415

#1	-.09461	.00129	.00676	.00200	-.00113	-.00097	.00095
#2	-.12070	.00104	.03028	-.00118	-.00227	-.00087	.00326

Sample Name: CCB12 Acquired: 9/19/2018 22:02:15 Type: Unk
 Method: P4-ICP2(v2442) 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 -.02742	-.0028	.00034	F 5.1565	F 2.2581
Stddev	.00778	.0000	.00001	.0593	.3925
%RSD	28.382	.6401	1.5360	1.1500	17.381

#1	-.03292	-.0028	.00034	5.1985	1.9806
#2	-.02192	-.0028	.00033	5.1146	2.5357

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2343.9	33321.	4112.1	95.834	2914.8
Stddev	6.5	71.	13.9	3.270	9.0
%RSD	.27622	.21168	.33868	3.4120	.30750

#1	2339.4	33271.	4102.2	98.146	2908.5
#2	2348.5	33371.	4121.9	93.522	2921.2

Sample Name: J4771-04DUP Acquired: 9/19/2018 22:06:20 Type: Unk
Method: P4-ICP2(v2442) 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	.00087	-.00329	.01085	.00596	.00088	.11036	.50077	.00015
Stddev	.00290	.00076	.00008	.00273	.00011	.00743	.00070	.00006
%RSD	332.32	23.172	.76023	45.865	12.601	6.7296	.14024	40.785

#1	.00293	-.00383	.01079	.00403	.00096	.10511	.50027	.00019
#2	-.00118	-.00275	.01091	.00789	.00081	.11561	.50127	.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00030	7.7468	-.00047	.00529	.00600	.04261	1.0670	2.9280
Stddev	.00005	.0068	.00003	.00044	.00047	.01270	.0018	.0737
%RSD	17.355	.08740	7.3756	8.2652	7.8435	29.806	.17170	2.5185

#1	.00034	7.7420	-.00049	.00560	.00567	.03363	1.0657	2.8759
#2	.00027	7.7516	-.00044	.00498	.00633	.05159	1.0683	2.9801

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00469	.00055	334.50	-.00123	.05889	.38640	.00013	.01031
Stddev	.00038	.00054	1.02	.00040	.00089	.00498	.00042	.00622
%RSD	8.0340	98.287	.30613	32.276	1.5120	1.2896	330.02	60.284

#1	.00496	.00017	335.23	-.00095	.05952	.38288	.00042	.00592
#2	.00442	.00093	333.78	-.00151	.05826	.38992	-.00017	.01471

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.43225	.48243	.00212	.00266	-.04241	.0045	.09339	6.9711
Stddev	.00396	.00087	.00024	.00346	.01279	.0010	.00021	.1155
%RSD	.91715	.18096	11.094	130.21	30.155	21.79	.22161	1.6573

#1	.42945	.48181	.00196	.00511	-.05145	.0052	.09354	6.8894
#2	.43505	.48304	.00229	.00021	-.03337	.0038	.09325	7.0528

Sample Name: J4771-04DUP Acquired: 9/19/2018 22:06:20 Type: Unk
Method: P4-ICP2(v2442) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 4.5686
Stddev .1814
%RSD 3.9711

#1 4.4404
#2 4.6969

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2185.4	31218.	4139.9	97.275	2510.7
Stddev	11.8	51.	1.1	1.966	18.2
%RSD	.54092	.16194	.02723	2.0215	.72306

#1	2177.1	31182.	4140.7	95.885	2497.8
#2	2193.8	31254.	4139.1	98.666	2523.5

Sample Name: J4771-04LX5 Acquired: 9/19/2018 22:10:29 Type: Unk
Method: P4-ICP2(v2442) 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	.00009	-.00093	.00299	.00173	.00000	.00227	.10361	.00017
Stddev	.00614	.00133	.00009	.00206	.00294	.00682	.00017	.00001
%RSD	6852.9	143.28	3.0235	119.26	265060.	301.19	.16508	5.4661

#1	-.00425	-.00186	.00305	.00027	-.00208	.00709	.10349	.00018
#2	.00443	.00001	.00292	.00319	.00208	-.00256	.10373	.00017

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	1.6255	-.00059	.00112	.00128	.02088	.22508	.63414
Stddev	.00002	.0223	.00036	.00003	.00016	.00109	.00006	.04958
%RSD	67.645	1.3730	60.899	2.9469	12.370	5.2241	.02714	7.8181

#1	.00004	1.6097	-.00034	.00110	.00139	.02011	.22503	.59909
#2	.00001	1.6413	-.00085	.00114	.00117	.02165	.22512	.66920

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00113	.00035	68.158	-.00041	.01243	.00433	-.00001	-.00558
Stddev	.00016	.00079	.400	.00019	.00012	.02865	.00034	.00356
%RSD	13.932	222.40	.58654	46.628	.97048	662.06	3737.2	63.730

#1	.00102	-.00020	67.876	-.00054	.01234	-.01593	.00023	-.00810
#2	.00125	.00091	68.441	-.00027	.01251	.02459	-.00025	-.00307

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08074	.09970	-.00025	.00264	-.02596	.0009	.01948	5.9754
Stddev	.00544	.00045	.00032	.00176	.00658	.0012	.00011	.5371
%RSD	6.7333	.45567	124.44	66.559	25.331	137.2	.57305	8.9887

#1	.07689	.09937	-.00048	.00388	-.02131	.0000	.01956	6.3552
#2	.08458	.10002	-.00003	.00140	-.03061	.0018	.01940	5.5956

Sample Name: J4771-04LX5 Acquired: 9/19/2018 22:10:29 Type: Unk
Method: P4-ICP2(v2442) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.5570
Stddev .0563
%RSD 2.1999

#1 2.5968
#2 2.5172

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2292.8	32606.	4139.8	98.529	2728.4
Stddev	6.1	32.	12.9	1.877	8.5
%RSD	.26437	.09785	.31231	1.9053	.31212

#1	2288.5	32583.	4149.0	99.856	2722.4
#2	2297.1	32628.	4130.7	97.201	2734.4

Sample Name: J4771-04MS Acquired: 9/19/2018 22:14:34 Type: Unk
Method: P4-ICP2(v2442) 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	.90806	2.0948	1.1255	2.3062	.89692	2.3922	.71705	.21796	.22830
Stddev	.00541	.0049	.0017	.0037	.00127	.0113	.00011	.00074	.00016
%RSD	.59556	.23222	.14920	.16064	.14204	.47322	.01523	.34145	.06913
#1	.91188	2.0914	1.1267	2.3088	.89602	2.4002	.71697	.21743	.22819
#2	.90423	2.0982	1.1243	2.3036	.89783	2.3842	.71712	.21849	.22841
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.7820	.46743	.22807	.31543	3.5182	1.2681	4.9913	.57334	.07956
Stddev	.0072	.00068	.00068	.00062	.0700	.0020	.0084	.00081	.00072
%RSD	.08247	.14643	.29708	.19733	1.9895	.16103	.16893	.14047	.90776
#1	8.7769	.46695	.22759	.31587	3.5677	1.2667	4.9853	.57277	.07905
#2	8.7871	.46792	.22855	.31499	3.4687	1.2696	4.9973	.57391	.08007
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	330.64	.32831	.29279	12.062	.46979	.31746	.41788	1.4051	.75794
Stddev	3.08	.00023	.00187	.011	.00004	.00688	.00242	.0145	.00532
%RSD	.93018	.06943	.63933	.09116	.00852	2.1664	.58013	1.0312	.70187
#1	328.46	.32815	.29412	12.070	.46982	.32232	.41617	1.3949	.75418
#2	332.81	.32847	.29147	12.054	.46977	.31260	.41960	1.4154	.76170
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.22787	1.9535	6.448	.30937	6.4394	3.3137			
Stddev	.00475	.0149	.010	.00005	.2062	.2356			
%RSD	2.0850	.76478	.1542	.01477	3.2025	7.1112			
#1	.22451	1.9430	6.455	.30934	6.5852	3.4804			
#2	.23123	1.9641	6.441	.30941	6.2935	3.1471			

Sample Name: J4771-04MS Acquired: 9/19/2018 22:14:34 Type: Unk
Method: P4-ICP2(v2442) 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	2213.9	31520.	4114.0	97.119	2528.3
Stddev	15.4	79.	9.4	1.230	12.3
%RSD	.69539	.24919	.22875	1.2661	.48772
#1	2203.0	31464.	4120.7	96.249	2519.6
#2	2224.8	31576.	4107.3	97.988	2537.1

Sample Name: J4771-04MSD Acquired: 9/19/2018 22:18:31 Type: Unk
Method: P4-ICP2(v2442) 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	.93240	2.1266	1.1529	2.3556	.91787	2.4474	.72830	.22257	.23301
Stddev	.00466	.0034	.0019	.0000	.00349	.0172	.00384	.00059	.00007
%RSD	.50015	.15833	.16225	.00187	.38000	.70318	.52767	.26539	.03185
#1	.93570	2.1289	1.1516	2.3556	.91541	2.4595	.73101	.22215	.23296
#2	.92910	2.1242	1.1543	2.3556	.92034	2.4352	.72558	.22299	.23307
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.8849	.47394	.23261	.32139	3.5214	1.2904	5.0157	.58332	.08144
Stddev	.0224	.00238	.00001	.00061	.0408	.0012	.0757	.00080	.00017
%RSD	.25244	.50309	.00411	.19106	1.1582	.08898	1.5092	.13785	.20705
#1	8.8691	.47226	.23261	.32183	3.4926	1.2896	4.9622	.58388	.08132
#2	8.9008	.47563	.23260	.32096	3.5503	1.2912	5.0692	.58275	.08156
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	334.81	.33602	.29411	12.244	.47860	.31322	.42505	1.4172	.77032
Stddev	3.13	.00391	.00332	.030	.00009	.00046	.00013	.0214	.00073
%RSD	.93480	1.1643	1.1297	.24723	.01943	.14709	.03112	1.5106	.09527
#1	337.02	.33325	.29176	12.223	.47866	.31290	.42515	1.4021	.76980
#2	332.59	.33879	.29646	12.266	.47853	.31355	.42496	1.4323	.77084
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.23247	1.9791	6.582	.31413	7.1014	3.4314			
Stddev	.00186	.0022	.002	.00201	.0638	.0971			
%RSD	.79924	.11204	.0232	.64017	.89787	2.8295			
#1	.23116	1.9807	6.581	.31555	7.1464	3.3627			
#2	.23379	1.9776	6.583	.31271	7.0563	3.5000			

Sample Name: J4771-04MSD Acquired: 9/19/2018 22:18:31 Type: Unk
Method: P4-ICP2(v2442) 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	2177.6	31038.	4081.3	96.973	2484.8
Stddev	3.7	55.	.0	.948	5.7
%RSD	.16810	.17853	.00039	.97763	.23091
#1	2175.0	30999.	4081.3	97.643	2480.7
#2	2180.2	31077.	4081.3	96.302	2488.8

Sample Name: J4771-04A Acquired: 9/19/2018 22:22:28 Type: Unk
Method: P4-ICP2(v2442) 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	.92250	2.1116	1.1398	2.3308	.90505	2.4105	.72207	.22070	.23060
Stddev	.00617	.0070	.0028	.0010	.00165	.0027	.00064	.00087	.00110
%RSD	.66876	.33399	.24564	.04379	.18236	.11321	.08853	.39380	.47739
#1	.92686	2.1066	1.1378	2.3301	.90622	2.4086	.72161	.22132	.22982
#2	.91814	2.1166	1.1417	2.3315	.90389	2.4124	.72252	.22009	.23138
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.8366	.46910	.22967	.31741	3.5242	1.2746	5.0478	.57903	.07982
Stddev	.0716	.00101	.00079	.00106	.0808	.0010	.0328	.00020	.00036
%RSD	.81056	.21433	.34332	.33258	2.2932	.07656	.65066	.03532	.44813
#1	8.8872	.46981	.22911	.31666	3.5814	1.2739	5.0710	.57917	.07957
#2	8.7859	.46839	.23022	.31815	3.4671	1.2753	5.0245	.57888	.08007
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	336.30	.32995	.29335	12.188	.47251	.32548	.42474	1.4110	.76745
Stddev	4.22	.00171	.00547	.071	.00122	.01372	.00489	.0057	.00413
%RSD	1.2545	.51899	1.8631	.58080	.25836	4.2144	1.1505	.40141	.53835
#1	339.28	.33116	.29721	12.238	.47165	.33518	.42129	1.4070	.76453
#2	333.31	.32874	.28949	12.138	.47338	.31578	.42820	1.4150	.77037
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.22953	1.9573	6.496	.31132	6.8931	3.1201			
Stddev	.00132	.0300	.003	.00104	.1275	.3474			
%RSD	.57431	1.5313	.0401	.33489	1.8500	11.133			
#1	.22860	1.9785	6.494	.31206	6.9833	2.8745			
#2	.23046	1.9361	6.498	.31058	6.8029	3.3658			

Sample Name: J4771-04A Acquired: 9/19/2018 22:22:28 Type: Unk
Method: P4-ICP2(v2442) 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	2205.4	31423.	4094.3	97.459	2511.6
Stddev	3.2	29.	24.8	2.086	2.3
%RSD	.14385	.09367	.60531	2.1408	.09271
#1	2203.2	31403.	4076.8	95.984	2513.2
#2	2207.7	31444.	4111.8	98.935	2509.9

Sample Name: J4973-01 Acquired: 9/19/2018 22:26:26 Type: Unk
Method: P4-ICP2(v2442) 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	.00488	-.00421	.11238	.00702	.00311	.88451	.34615	.00001
Stddev	.00056	.00090	.00024	.00314	.00201	.00455	.00155	.00005
%RSD	11.401	21.290	.21589	44.720	64.599	.51415	.44688	378.75

#1	.00527	-.00358	.11255	.00480	.00169	.88772	.34724	.00005
#2	.00448	-.00485	.11221	.00924	.00454	.88129	.34505	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00232	27.790	.00293	.00012	.01879	.66191	.99347	2.3985
Stddev	.00017	.026	.00009	.00000	.00056	.01658	.00230	.0258
%RSD	7.4091	.09485	3.0241	3.1697	2.9946	2.5055	.23119	1.0764

#1	.00244	27.809	.00287	.00012	.01839	.67363	.99185	2.4167
#2	.00220	27.772	.00299	.00012	.01918	.65018	.99510	2.3802

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00554	-.00020	352.66	.00113	.90758	.64250	.00017	.02168
Stddev	.00010	.00020	2.30	.00001	.00822	.01186	.00001	.00572
%RSD	1.7562	101.39	.65140	1.2723	.90531	1.8465	7.2296	26.362

#1	.00547	-.00034	351.04	.00112	.90177	.65089	.00018	.02572
#2	.00561	-.00006	354.29	.00114	.91339	.63411	.00017	.01764

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.34748	2.9593	.00589	.02857	-.00091	.0185	.06573	7.2105
Stddev	.00104	.0094	.00021	.00570	.00915	.0019	.00011	.1834
%RSD	.30054	.31735	3.5611	19.960	1003.0	10.46	.17202	2.5435

#1	.34822	2.9527	.00574	.02454	-.00738	.0198	.06581	7.0808
#2	.34675	2.9660	.00603	.03260	.00556	.0171	.06565	7.3402

Sample Name: J4973-01 Acquired: 9/19/2018 22:26:26 Type: Unk
 Method: P4-ICP2(v2442) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 4.3510
 Stddev .9739
 %RSD 22.383

#1 3.6624
 #2 5.0396

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2164.8	30863.	4095.6	96.165	2479.7
Stddev	5.2	29.	1.6	.665	4.6
%RSD	.23849	.09404	.03853	.69185	.18650

#1	2161.1	30842.	4096.8	96.636	2476.5
#2	2168.4	30883.	4094.5	95.695	2483.0

Sample Name: J4973-02 Acquired: 9/19/2018 22:30:34 Type: Unk
Method: P4-ICP2(v2442) 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	.00498	-.00468	.00675	.00849	.00054	.03326	.21528	.00003
Stddev	.00008	.00052	.00212	.00407	.00233	.00791	.00042	.00003
%RSD	1.5179	11.114	31.456	47.954	434.04	23.774	.19302	123.66

#1	.00493	-.00505	.00825	.01137	.00218	.02767	.21557	.00000
#2	.00504	-.00432	.00525	.00561	-.00111	.03886	.21498	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00037	92.145	-.00091	-.00039	.00300	-.02536	1.1332	6.8958
Stddev	.00002	.380	.00041	.00015	.00051	.00330	.0010	.0993
%RSD	4.8648	.41258	45.021	37.906	17.128	13.015	.09140	1.4393

#1	.00035	91.877	-.00120	-.00050	.00336	-.02303	1.1325	6.8257
#2	.00038	92.414	-.00062	-.00029	.00263	-.02770	1.1340	6.9660

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00068	.00053	338.26	-.00055	.07380	1.1148	-.00035	.02194
Stddev	.00037	.00029	.72	.00042	.00055	.0031	.00069	.00474
%RSD	54.511	55.399	.21243	76.091	.74353	.27492	194.53	21.602

#1	.00094	.00032	338.77	-.00085	.07419	1.1126	-.00084	.02529
#2	.00042	.00074	337.75	-.00025	.07342	1.1169	.00013	.01858

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.97660	3.0420	.00398	.00022	.02493	.0070	.11217	8.1575
Stddev	.00818	.0175	.00096	.00122	.00013	.0018	.00035	.2249
%RSD	.83806	.57552	24.143	547.94	.51044	26.16	.30818	2.7574

#1	.98239	3.0296	.00330	-.00064	.02502	.0057	.11241	8.3165
#2	.97082	3.0544	.00466	.00109	.02484	.0083	.11192	7.9984

Sample Name: J4973-02 Acquired: 9/19/2018 22:30:34 Type: Unk
Method: P4-ICP2(v2442) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 4.5313
Stddev .1157
%RSD 2.5533

#1 4.6132
#2 4.4495

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2136.6	30553.	4061.7	95.634	2448.0
Stddev	3.5	48.	2.0	.745	5.5
%RSD	.16423	.15664	.04915	.77852	.22306

#1	2134.1	30519.	4060.3	95.107	2444.2
#2	2139.1	30587.	4063.1	96.160	2451.9

Sample Name: J4973-03 Acquired: 9/19/2018 22:34:43 Type: Unk
Method: P4-ICP2(v2442) 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	.00143	-.00310	.15785	.00885	.00002	.13659	.26963	-.00011
Stddev	.00303	.00198	.00029	.00151	.00240	.00206	.00141	.00006
%RSD	212.07	63.714	.18642	17.030	11160.	1.5089	.52358	58.771

#1	.00357	-.00171	.15806	.00779	-.00167	.13805	.27063	-.00016
#2	-.00071	-.00450	.15764	.00992	.00172	.13514	.26863	-.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00075	21.619	.00025	-.00028	.02144	-.00233	.38992	1.7899
Stddev	.00006	.102	.00022	.00014	.00029	.01063	.00094	.0066
%RSD	7.9197	.47308	86.837	51.247	1.3656	455.83	.24115	.37119

#1	.00071	21.547	.00010	-.00038	.02165	.00518	.38926	1.7852
#2	.00079	21.691	.00040	-.00018	.02123	-.00985	.39059	1.7946

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00330	.00010	319.91	.00003	.68318	.38238	-.00024	.01365
Stddev	.00048	.00089	.37	.00011	.00800	.01189	.00004	.00997
%RSD	14.581	860.95	.11697	343.26	1.1716	3.1083	16.058	73.057

#1	.00296	-.00053	320.18	-.00005	.68884	.39078	-.00027	.02070
#2	.00365	.00073	319.65	.00011	.67752	.37397	-.00021	.00660

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.29838	1.4099	.00349	.00219	-.00875	.0026	.05902	7.2470
Stddev	.00112	.0125	.00163	.00060	.00494	.0025	.00054	.4228
%RSD	.37508	.88789	46.524	27.373	56.531	98.29	.92325	5.8346

#1	.29759	1.4188	.00234	.00176	-.00525	.0043	.05940	7.5460
#2	.29917	1.4010	.00464	.00261	-.01224	.0008	.05863	6.9480

Sample Name: J4973-03 Acquired: 9/19/2018 22:34:43 Type: Unk
Method: P4-ICP2(v2442) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 3.6849
Stddev .1520
%RSD 4.1257

#1 3.5774
#2 3.7924

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2192.2	31268.	4156.1	97.486	2522.9
Stddev	12.0	38.	40.1	1.324	10.4
%RSD	.54904	.12297	.96430	1.3578	.41228

#1	2183.7	31241.	4127.7	96.550	2515.6
#2	2200.7	31295.	4184.4	98.422	2530.3

Sample Name: J4973-04 Acquired: 9/19/2018 22:38:50 Type: Unk
Method: P4-ICP2(v2442) 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	.00475	-.00491	.00617	.01068	-.00014	.03161	.12811	-.00006
Stddev	.00159	.00235	.00029	.00472	.00126	.02121	.00647	.00002
%RSD	33.574	47.897	4.6453	44.155	880.34	67.089	5.0484	24.755

#1	.00588	-.00325	.00638	.01402	.00075	.01662	.12354	-.00005
#2	.00362	-.00657	.00597	.00735	-.00103	.04661	.13269	-.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	115.67	-.00014	-.00015	.00410	-.00546	1.1934	7.2663
Stddev	.00014	6.63	.00060	.00016	.00019	.00841	.0022	.2504
%RSD	105.97	5.7329	428.63	103.26	4.5871	154.09	.18707	3.4459

#1	-.00023	110.99	-.00056	-.00026	.00423	.00049	1.1918	7.0893
#2	-.00003	120.36	.00028	-.00004	.00396	-.01140	1.1950	7.4434

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00054	.00084	336.63	-.00089	.06725	1.3609	-.00054	.02039
Stddev	.00011	.00010	18.67	.00015	.00318	.0677	.00003	.00471
%RSD	19.520	11.982	5.5447	16.827	4.7335	4.9774	4.6680	23.117

#1	.00047	.00091	323.43	-.00079	.06500	1.3130	-.00052	.01706
#2	.00061	.00076	349.83	-.00100	.06950	1.4088	-.00056	.02372

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1187	2.9204	.00355	-.00060	.02477	.0112	.11670	8.2187
Stddev	.0038	.1442	.00044	.00102	.00312	.0009	.00493	.1281
%RSD	.33820	4.9385	12.325	169.62	12.583	8.000	4.2222	1.5591

#1	1.1214	2.8185	.00386	-.00133	.02697	.0106	.11321	8.3093
#2	1.1161	3.0224	.00324	.00012	.02256	.0119	.12018	8.1281

Sample Name: J4973-04 Acquired: 9/19/2018 22:38:50 Type: Unk
 Method: P4-ICP2(v2442) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 5.1940
 Stddev .2286
 %RSD 4.4007

#1 5.0324
 #2 5.3556

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2114.3	30613.	4232.1	99.972	2411.8
Stddev	9.1	31.	196.0	4.132	4.6
%RSD	.43114	.10114	4.6305	4.1327	.19053

#1	2107.8	30591.	4370.6	102.89	2408.6
#2	2120.7	30634.	4093.5	97.051	2415.1

Sample Name: J4974-10 Acquired: 9/19/2018 22:43:00 Type: Unk
Method: P4-ICP2(v2442) 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	.00123	-.00356	-.00288	.00639	.00048	.03840	.10910	-.00017
Stddev	.00010	.00001	.00051	.00126	.00167	.00731	.00097	.00003
%RSD	7.9010	.27220	17.531	19.680	350.13	19.032	.88653	16.680

#1	.00130	-.00356	-.00252	.00728	.00165	.03323	.10842	-.00019
#2	.00116	-.00355	-.00324	.00550	-.00070	.04356	.10979	-.00015

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00015	5.7816	.00037	-.00012	.00021	.57431	.03783	1.1880
Stddev	.00006	.0621	.00036	.00044	.00011	.00228	.00000	.0135
%RSD	41.989	1.0733	97.888	373.39	52.774	.39778	.00086	1.1361

#1	-.00020	5.7378	.00011	.00020	.00028	.57593	.03783	1.1785
#2	-.00011	5.8255	.00062	-.00043	.00013	.57270	.03783	1.1976

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00132	.00029	13.782	-.00035	.03365	1.7028	.00090	.05253
Stddev	.00037	.00062	.038	.00017	.00019	.0274	.00005	.01550
%RSD	27.826	214.34	.27675	48.644	.57831	1.6101	5.2903	29.513

#1	.00106	.00073	13.755	-.00023	.03379	1.6835	.00094	.04157
#2	.00158	-.00015	13.809	-.00047	.03351	1.7222	.00087	.06350

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0128	.80983	-.00081	.00410	-.03847	.1966	.02851	5.3811
Stddev	.0049	.00582	.00006	.00190	.01070	.0016	.00032	.1958
%RSD	.48673	.71869	7.6076	46.441	27.809	.7961	1.1126	3.6380

#1	1.0094	.80571	-.00076	.00544	-.04603	.1977	.02829	5.2427
#2	1.0163	.81394	-.00085	.00275	-.03090	.1955	.02873	5.5196

Sample Name: J4974-10 Acquired: 9/19/2018 22:43:00 Type: Unk
 Method: P4-ICP2(v2442) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.6029
 Stddev .0260
 %RSD .99718

#1 2.5845
 #2 2.6213

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2289.8	33441.	4101.2	97.041	2854.1
Stddev	17.2	72.	9.6	.884	15.3
%RSD	.75317	.21445	.23302	.91077	.53674

#1	2277.6	33390.	4107.9	96.416	2843.3
#2	2302.0	33491.	4094.4	97.665	2864.9

Sample Name: CCV13 Acquired: 9/19/2018 22:47:06 Type: Unk
Method: P4-ICP2(v2442) 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	5.0973	4.8586	5.1111	5.0360	5.2005	10.412	10.040	.25072
Stddev	.0200	.0093	.0021	.0190	.0099	.099	.047	.00016
%RSD	.39258	.19220	.04028	.37687	.19083	.94692	.46861	.06338
#1	5.1114	4.8520	5.1096	5.0226	5.1935	10.342	10.074	.25083
#2	5.0831	4.8653	5.1126	5.0495	5.2075	10.482	10.007	.25061
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4977	24.313	.99873	2.5437	1.2452	4.9639	2.5603	24.442
Stddev	.0008	.176	.00165	.0003	.0039	.0268	.0005	.055
%RSD	.03228	.72485	.16559	.01123	.30993	.54045	.02043	.22419
#1	2.4983	24.188	.99990	2.5435	1.2480	4.9828	2.5599	24.404
#2	2.4971	24.438	.99756	2.5439	1.2425	4.9449	2.5607	24.481
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5232	1.2612	24.032	2.4372	2.7082	25.433	5.2082	4.6149
Stddev	.0016	.0057	.084	.0014	.0396	.086	.0045	.0134
%RSD	.06267	.45057	.34750	.05880	1.4642	.33864	.08721	.28997
#1	2.5221	1.2571	24.091	2.4382	2.7363	25.494	5.2114	4.6055
#2	2.5244	1.2652	23.973	2.4362	2.6802	25.372	5.2050	4.6244
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0578	4.7753	5.0035	4.9933	4.5501	5.019	5.0822	F 5.7120
Stddev	.0018	.0184	.0141	.0346	.0088	.006	.0268	.1442
%RSD	.03475	.38553	.28087	.69375	.19329	.1126	.52693	2.5238
#1	5.0566	4.7883	4.9936	4.9688	4.5439	5.015	5.1012	5.6100
#2	5.0591	4.7623	5.0135	5.0178	4.5564	5.023	5.0633	5.8139

Sample Name: CCV13 Acquired: 9/19/2018 22:47:06 Type: Unk
 Method: P4-ICP2(v2442) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 4.0502
Stddev	.0391
%RSD	.96446

#1	4.0226
#2	4.0779

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2301.5	32718.	4200.4	97.394	2643.7
Stddev	6.4	59.	32.2	1.581	7.1
%RSD	.27919	.17940	.76677	1.6229	.26671

#1	2297.0	32676.	4177.7	96.276	2638.7
#2	2306.1	32759.	4223.2	98.511	2648.7

Sample Name: CCB13 Acquired: 9/19/2018 22:50:52 Type: Unk
Method: P4-ICP2(v2442) 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	.00203	.00097	-.00079	F .00582	.00173	-.01504	-.00037
Stddev	.00292	.00006	.00029	.00444	.00078	.00251	.00008
%RSD	143.64	6.0969	36.404	76.408	45.151	16.707	20.300

#1	.00410	.00092	-.00059	.00267	.00228	-.01326	-.00032
#2	-.00003	.00101	-.00100	.00896	.00118	-.01681	-.00042

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	-.00004	-.02217	-.00038	.00000	-.00068	-.00095
Stddev	.00005	.00004	.00765	.00026	.00022	.00051	.00493
%RSD	132.38	96.259	34.492	68.907	29952.	75.055	521.30

#1	-.00008	-.00007	-.02758	-.00020	.00016	-.00105	-.00444
#2	-.00000	-.00001	-.01676	-.00057	-.00015	-.00032	.00254

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	-.00353	.00049	.00028	-.77511	-.00049	-.00070
Stddev	.00000	.01109	.00038	.00002	.01074	.00028	.00011
%RSD	1.9326	314.34	77.600	6.9537	1.3860	56.216	16.043

#1	-.00006	.00431	.00022	.00027	-.78270	-.00069	-.00078
#2	-.00006	-.01137	.00075	.00030	-.76751	-.00030	-.00062

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.09503	.00108	.01138	.00101	-.00184	.00013	.00269
Stddev	.00200	.00051	.00422	.00079	.00175	.00080	.00220
%RSD	2.1018	47.042	37.074	78.292	94.807	635.73	82.012

#1	-.09644	.00144	.00840	.00156	-.00308	.00069	.00424
#2	-.09362	.00072	.01437	.00045	-.00061	-.00044	.00113

Sample Name: CCB13 Acquired: 9/19/2018 22:50:52 Type: Unk
 Method: P4-ICP2(v2442) 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 -.03282	.0006	.00036	F 5.3943	F 2.0420
Stddev	.00808	.0010	.00005	.1254	.4086
%RSD	24.627	173.2	12.790	2.3252	20.008

#1	-.03854	.0013	.00039	5.4830	1.7531
#2	-.02711	-.0001	.00033	5.3056	2.3309

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2345.1	33362.	4144.3	98.595	2922.2
Stddev	7.5	62.	19.7	1.588	7.4
%RSD	.31945	.18635	.47518	1.6104	.25231

#1	2339.8	33318.	4158.2	97.473	2917.0
#2	2350.4	33406.	4130.4	99.718	2927.4