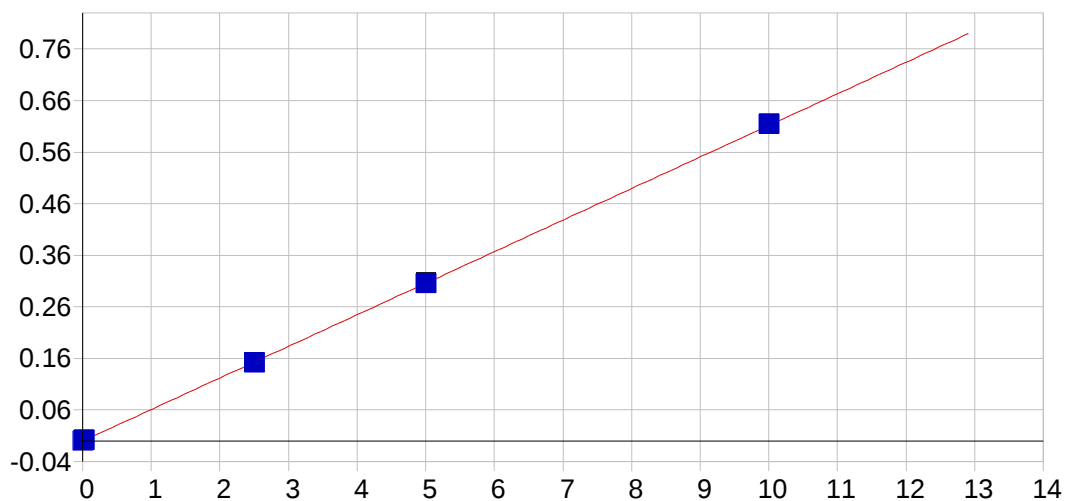




As 189.042 {478}

Date of Fit: 3/18/2019 18:24:56

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000257

Re-Slope: 1.000000

A1 (Gain): 0.061208

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999988

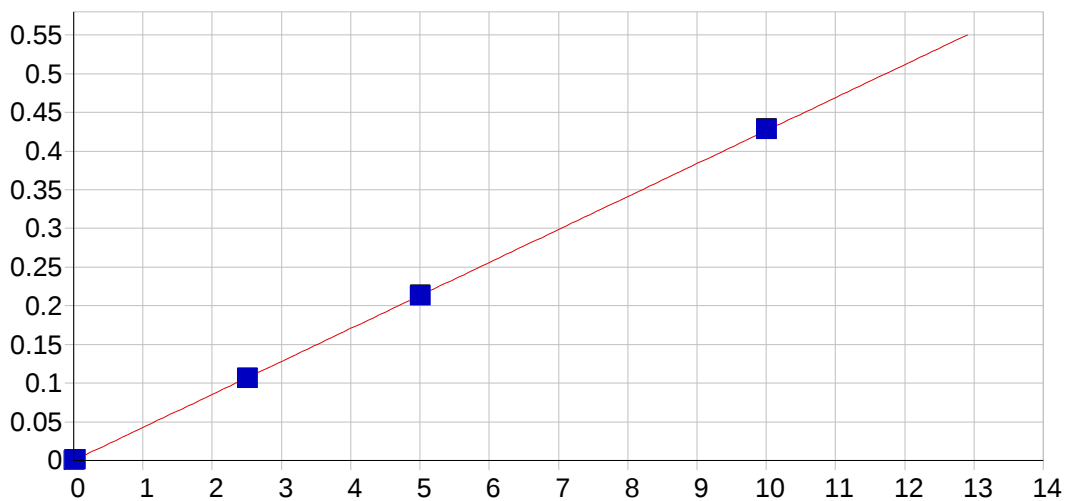
Status: OK.

Std Error of Est: 0.000007

Predicted MDL: 0.002831

Predicted MQL: 0.009435

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00026	.000	1
S1	.02000	.01815	-.002	-9.27	.00085	.000	1
S3	2.5000	2.4801	-.020	-.797	.15153	.000	1
S4	5.0000	4.9917	-.008	-.166	.30526	.002	1
S5	10.000	10.030	.030	.301	.61363	.001	1



As 189.042 {479}

Date of Fit: 3/18/2019 18:24:56

Type of Fit: Linear

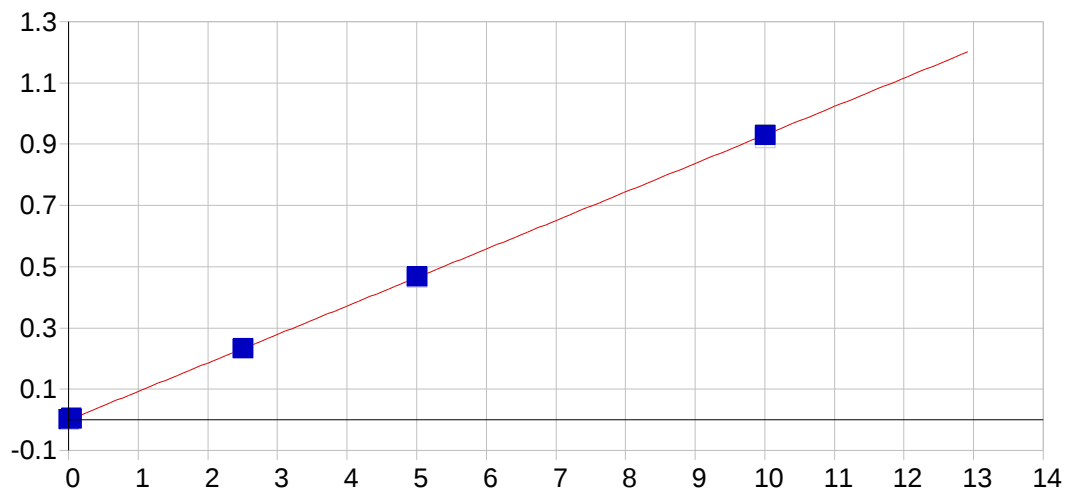
Weighting: 1/Conc

A0 (Offset): 0.000098

Re-Slope: 1.000000

A1 (Gain): 0.042633 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999993 Status: OK.
 Std Error of Est: 0.000004
 Predicted MDL: 0.002628
 Predicted MQL: 0.008760

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00010	.000	1
S1	.02000	.02040	.000	2.00	.00097	.000	1
S3	2.5000	2.4834	-.017	-.663	.10597	.000	1
S4	5.0000	4.9849	-.015	-.303	.21262	.001	1
S5	10.000	10.031	.031	.313	.42776	.001	1

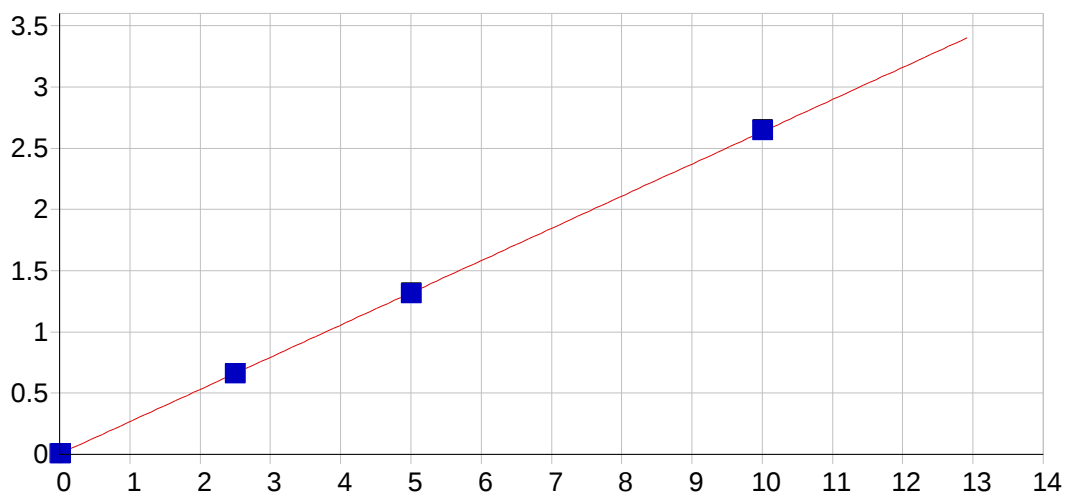


TI 190.856 {477}

Date of Fit: 3/18/2019 18:24:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000373 Re-Slope: 1.000000
 A1 (Gain): 0.093028 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999997 Status: OK.
 Std Error of Est: 0.000007
 Predicted MDL: 0.001619
 Predicted MQL: 0.005396

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00037	.000	1
S1	.04000	.04019	.000	.468	.00327	.000	1
S3	2.5000	2.5036	.004	.142	.23014	.001	1
S4	5.0000	5.0152	.015	.304	.46141	.001	1
S5	10.000	9.9810	-.019	-.190	.91859	.001	1

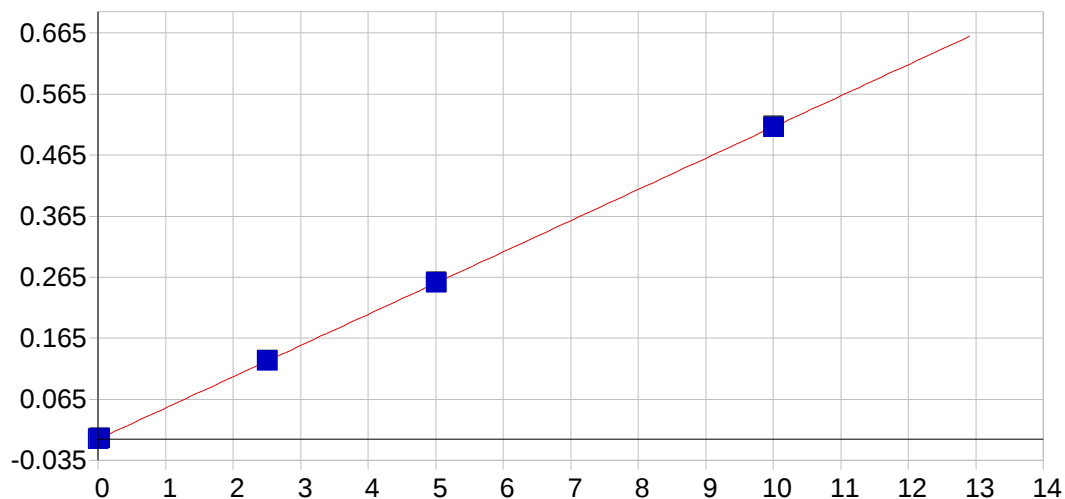


Pb 220.353 {453}

Date of Fit: 3/18/2019 18:24:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004188 Re-Slope: 1.000000
 A1 (Gain): 0.262953 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999986 Status: OK.
 Std Error of Est: 0.000026
 Predicted MDL: 0.000967
 Predicted MQL: 0.003223

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00419	.000	1
S1	.01200	.01299	.001	8.28	.00755	.000	1
S3	2.5000	2.4794	-.021	-.824	.65533	.001	1
S4	5.0000	4.9807	-.019	-.387	1.3122	.001	1
S5	10.000	10.039	.039	.389	2.6407	.003	1



Se 196.090 {472}

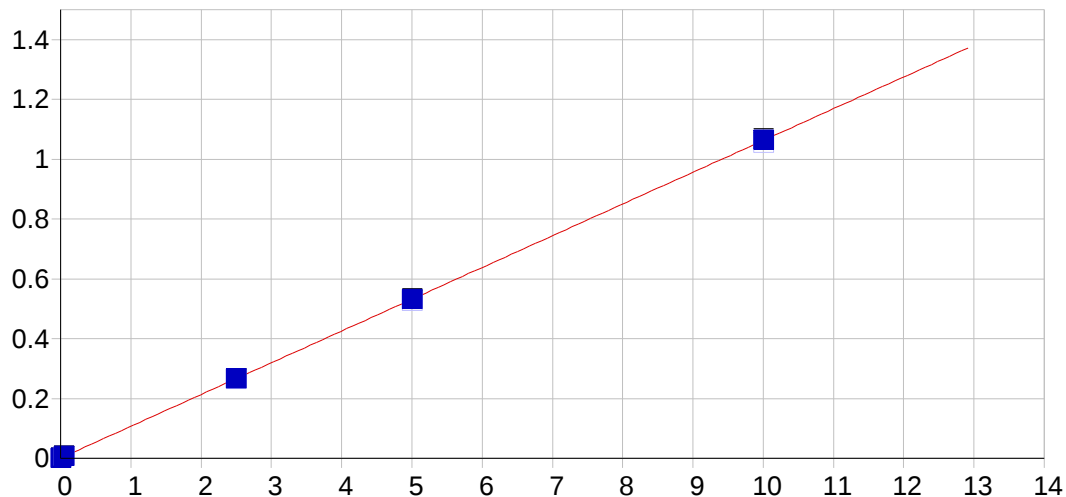
Date of Fit: 3/18/2019 18:24:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000458 Re-Slope: 1.000000
 A1 (Gain): 0.051132 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999997
 Std Error of Est: 0.000003
 Predicted MDL: 0.003186
 Predicted MQL: 0.010620

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00046	.000	1
S1	.02000	.02098	.001	4.90	.00061	.000	1
S3	2.5000	2.5092	.009	.370	.12775	.000	1
S4	5.0000	5.0034	.003	.069	.25519	.001	1
S5	10.000	9.9863	-.014	-.137	.50979	.002	1



Sb 206.833 {463}

Date of Fit: 3/18/2019 18:24:56

Type of Fit: Linear

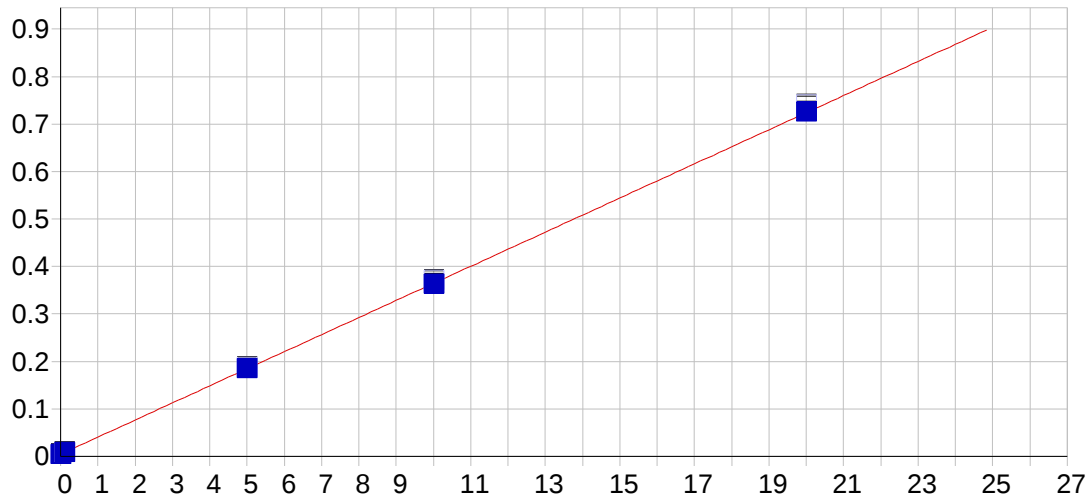
Weighting: 1/Conc

A0 (Offset): 0.000852
 A1 (Gain): 0.106175
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999998
 Std Error of Est: 0.000008
 Predicted MDL: 0.001839
 Predicted MQL: 0.006131

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	.00085	.000	1
S1	.05000	.04914	-.001	-1.71	.00594	.000	1
S3	2.5000	2.4954	-.005	-.185	.26281	.000	1
S4	5.0000	4.9890	-.011	-.219	.52459	.002	1
S5	10.000	10.016	.016	.164	1.0524	.003	1

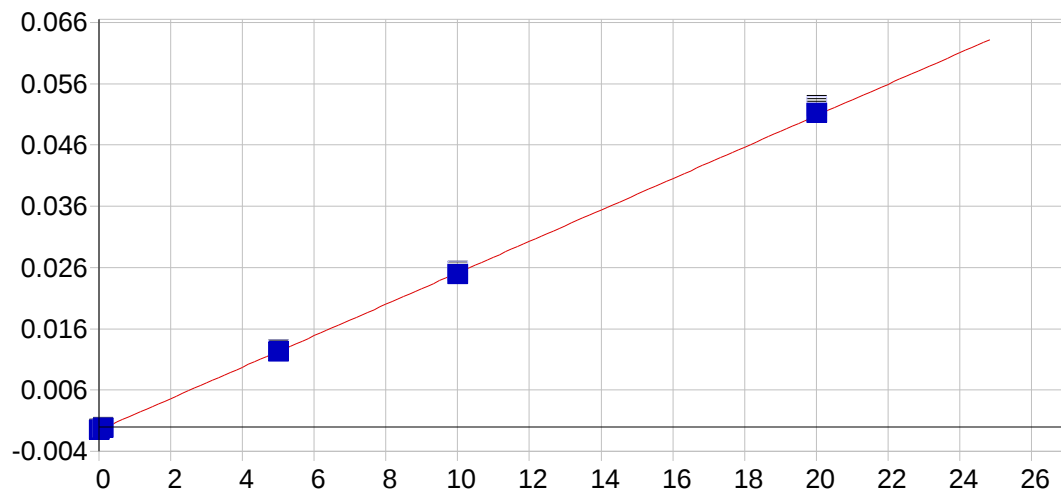


AI 308.215 {109}

Date of Fit: 3/18/2019 18:24:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004682 Re-Slope: 1.000000
 A1 (Gain): 0.035972 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999995 Status: OK.
 Std Error of Est: 0.000009
 Predicted MDL: 0.002971
 Predicted MQL: 0.009905

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00468	.000	1
S1	.10000	.10482	.005	4.82	.00870	.000	1
S3	5.0000	4.9952	-.005	-.096	.18795	.000	1
S4	10.000	9.9689	-.031	-.311	.37045	.001	1
S5	20.000	20.031	.031	.154	.73955	.002	1



AI 309.271 {109}

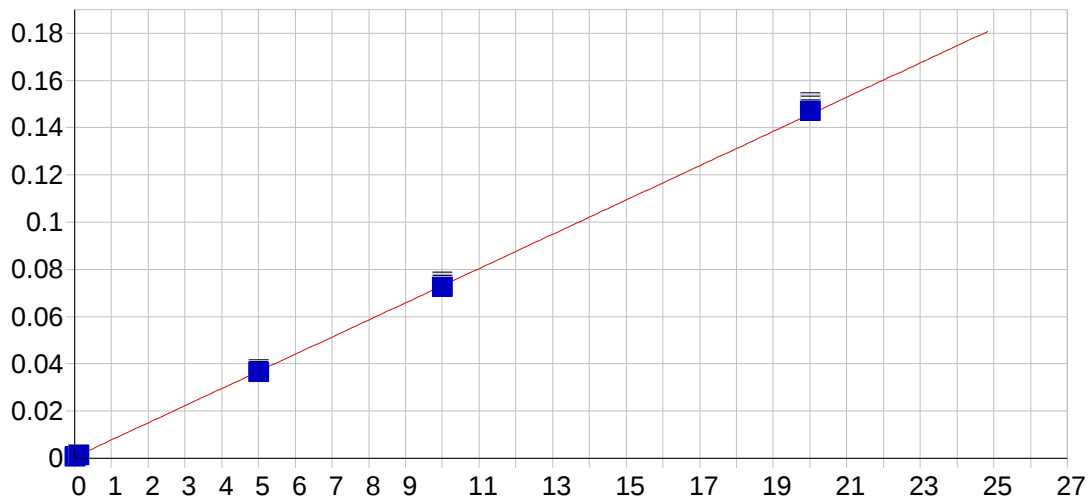
Date of Fit: 3/18/2019 18:24:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000530 Re-Slope: 1.000000
 A1 (Gain): 0.002565 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999943
 Std Error of Est: 0.000002
 Predicted MDL: 0.028375
 Predicted MQL: 0.094585

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00053	.000	1
S1	.10000	.11208	.012	12.1	-.00022	.000	1
S3	5.0000	4.9616	-.038	-.768	.01245	.000	1
S4	10.000	9.8827	-.117	-1.17	.02533	.000	1
S5	20.000	20.143	.143	.715	.05216	.000	1

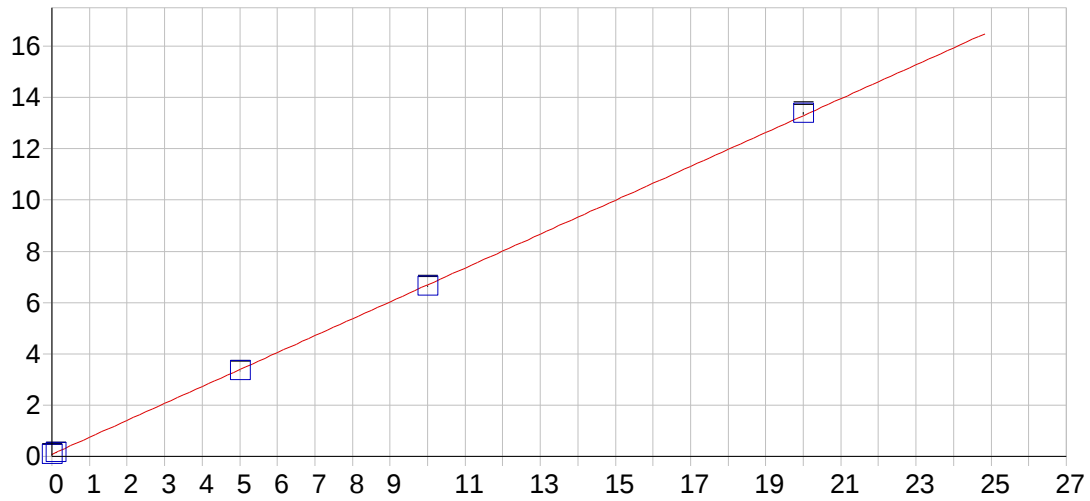


AI 396.152 { 85}

Date of Fit: 3/18/2019 18:24:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000515 Re-Slope: 1.000000
 A1 (Gain): 0.007258 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999951 Status: OK.
 Std Error of Est: 0.000006
 Predicted MDL: 0.015130
 Predicted MQL: 0.050433

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00051	.000	1
S1	.10000	.09336	-.007	-6.64	.00124	.000	1
S3	5.0000	4.9357	-.064	-1.29	.03706	.000	1
S4	10.000	9.9043	-.096	-9.57	.07385	.001	1
S5	20.000	20.167	.167	.835	.14979	.001	1

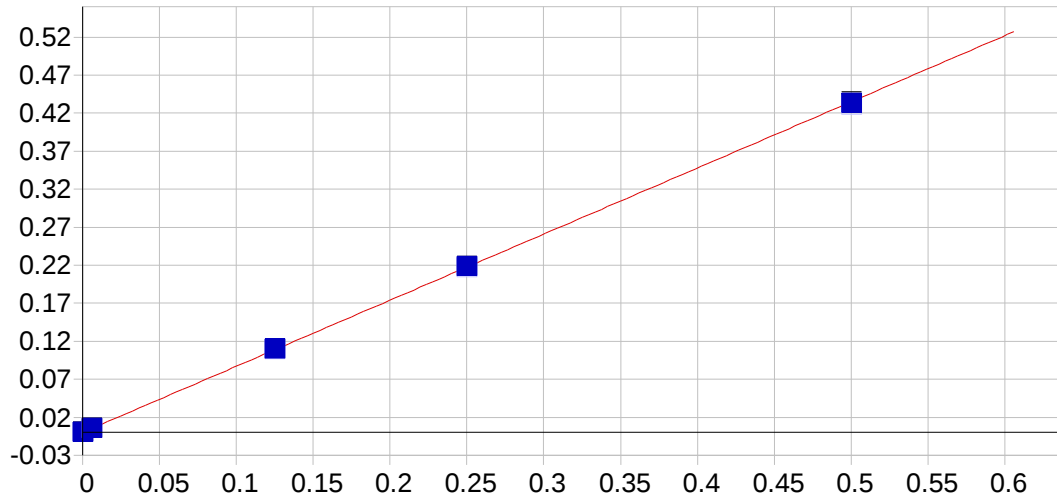


Ba 493.409 { 68}

Date of Fit: 3/18/2019 18:24:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.084450 Re-Slope: 1.000000
 A1 (Gain): 0.660409 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999962 Status: OK.
 Std Error of Est: 0.000438
 Predicted MDL: 0.003920
 Predicted MQL: 0.013066

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.08445	.003	1
S1	.10000	.10301	.003	3.01	.15248	.003	1
S3	5.0000	4.9353	-.065	-1.29	3.3437	.012	1
S5	20.000	20.144	.144	.719	13.388	.051	1
S4	10.000	9.9178	-.082	-.822	6.6343	.027	1



Be 234.861 {144}

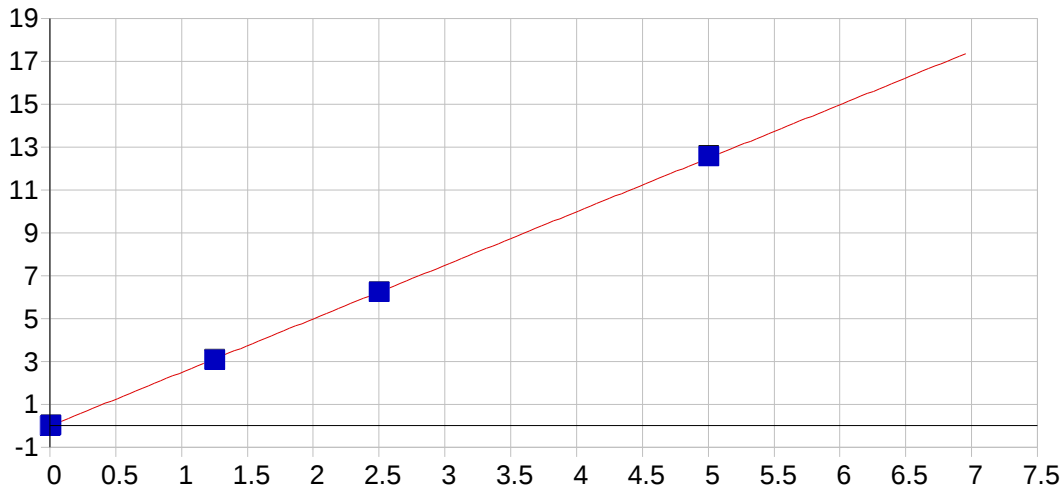
Date of Fit: 3/18/2019 18:24:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000092 Re-Slope: 1.000000
 A1 (Gain): 0.869504 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999976
 Std Error of Est: 0.000018
 Predicted MDL: 0.000074
 Predicted MQL: 0.000247

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00009	.000	1
S1	.00600	.00637	.000	6.15	.00558	.000	1
S3	.12500	.12600	.001	.800	.10897	.000	1
S4	.25000	.25076	.001	.302	.21676	.000	1
S5	.50000	.49788	-.002	-.425	.43026	.001	1



Cd 226.502 {449}

Date of Fit: 3/18/2019 18:24:56

Type of Fit: Linear

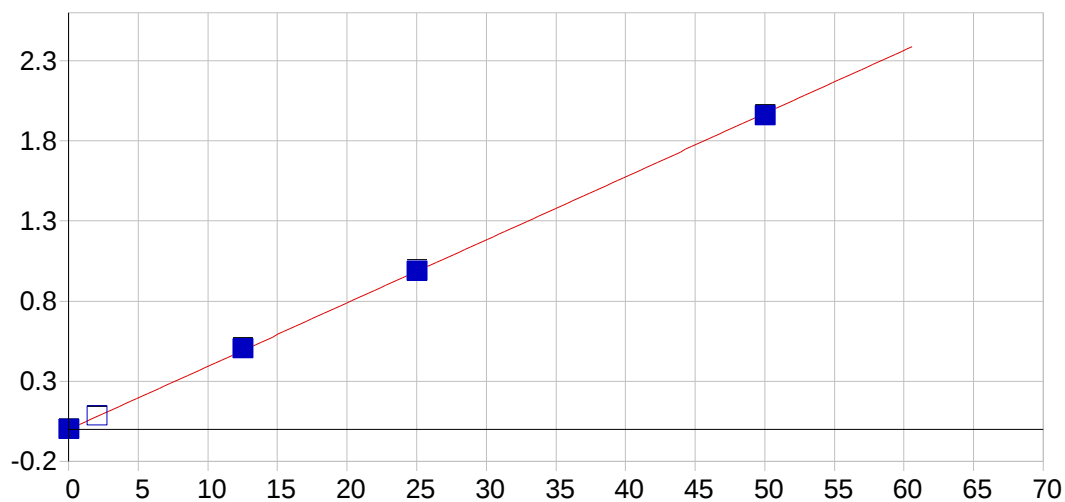
Weighting: 1/Conc

A0 (Offset): -0.001225
 A1 (Gain): 2.496653
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999971
 Std Error of Est: 0.000176
 Predicted MDL: 0.000105
 Predicted MQL: 0.000352

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	-.00122	.000	1
S1	.00600	.00596	-.000	-.593	.01369	.000	1
S3	1.2500	1.2308	-.019	-1.53	3.0724	.008	1
S4	2.5000	2.4903	-.010	-.388	6.2176	.001	1
S5	5.0000	5.0289	.029	.578	12.557	.014	1

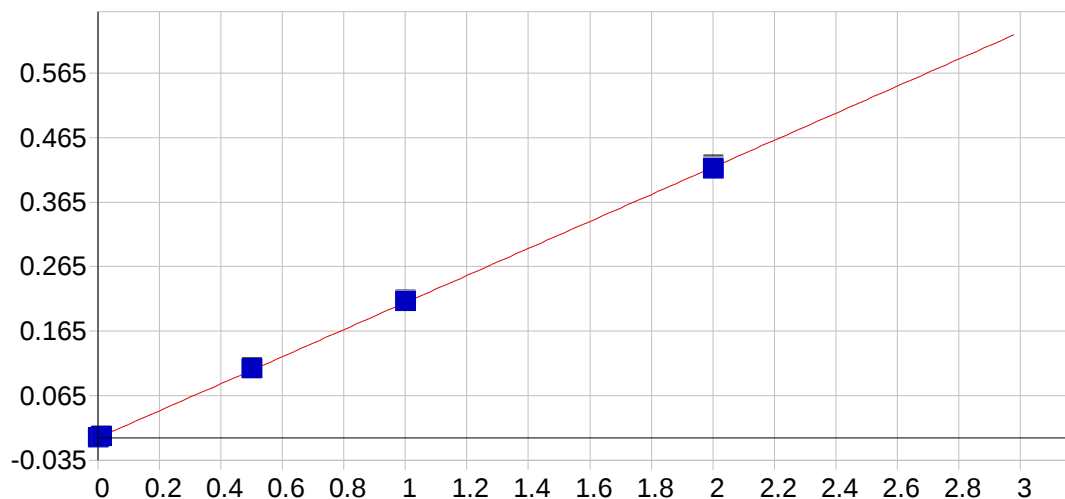


Ca 373.690 { 90}

Date of Fit: 3/18/2019 18:24:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000361 Re-Slope: 1.000000
 A1 (Gain): 0.039426 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999936 Status: OK.
 Std Error of Est: 0.000244
 Predicted MDL: 0.017850
 Predicted MQL: 0.059499

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0868	.087	4.34	.08191	.000	1
S0	.00000	-.00011	-.000	.000	-.00037	.001	1
S3	12.500	12.736	.236	1.89	.50204	.004	1
S4	25.000	25.071	.071	.285	.98862	.005	1
S5	50.000	49.606	-.394	-.788	1.9565	.006	1



Cr 267.716 {126}

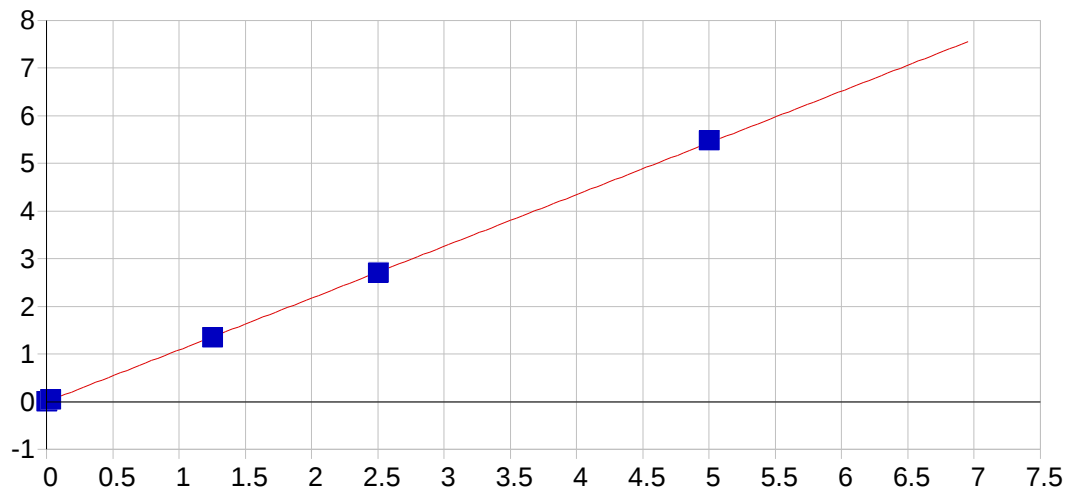
Date of Fit: 3/18/2019 18:24:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000150 Re-Slope: 1.000000
 A1 (Gain): 0.209490 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999964
 Std Error of Est: 0.000014
 Predicted MDL: 0.000449
 Predicted MQL: 0.001496

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00015	.000	1
S1	.01000	.00999	-.000	-.079	.00195	.000	1
S3	.50000	.50836	.008	1.67	.10717	.001	1
S4	1.0000	1.0052	.005	.524	.21209	.000	1
S5	2.0000	1.9864	-.014	-.679	.41928	.003	1



Co 228.616 {447}

Date of Fit: 3/18/2019 18:24:56

Type of Fit: Linear

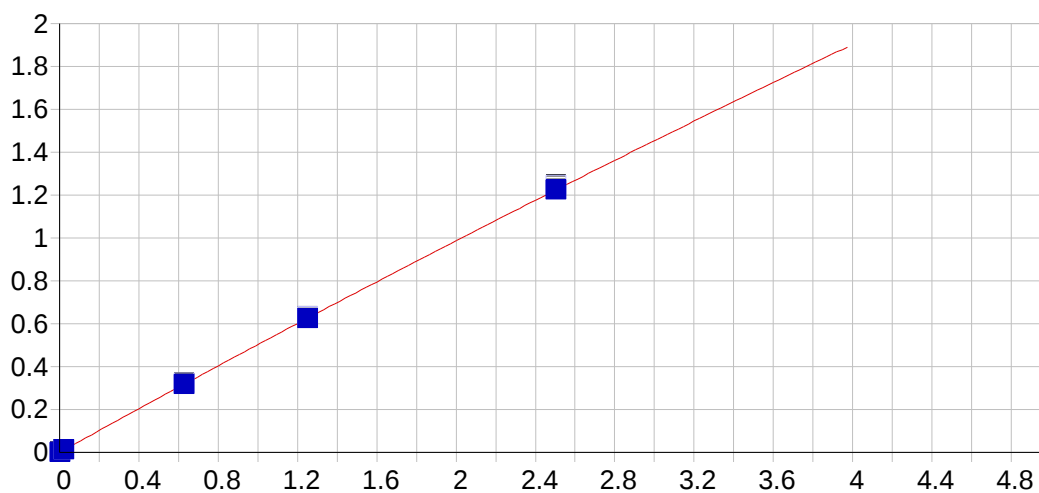
Weighting: 1/Conc

A0 (Offset): -0.000692
 A1 (Gain): 1.086561
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999963
 Std Error of Est: 0.000197
 Predicted MDL: 0.000227
 Predicted MQL: 0.000757

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	-.00069	.000	1
S1	.03000	.02920	-.001	-2.66	.03082	.000	1
S3	1.2500	1.2309	-.019	-1.53	1.3378	.001	1
S4	2.5000	2.4845	-.015	-.619	2.7010	.002	1
S5	5.0000	5.0354	.035	.707	5.4748	.005	1

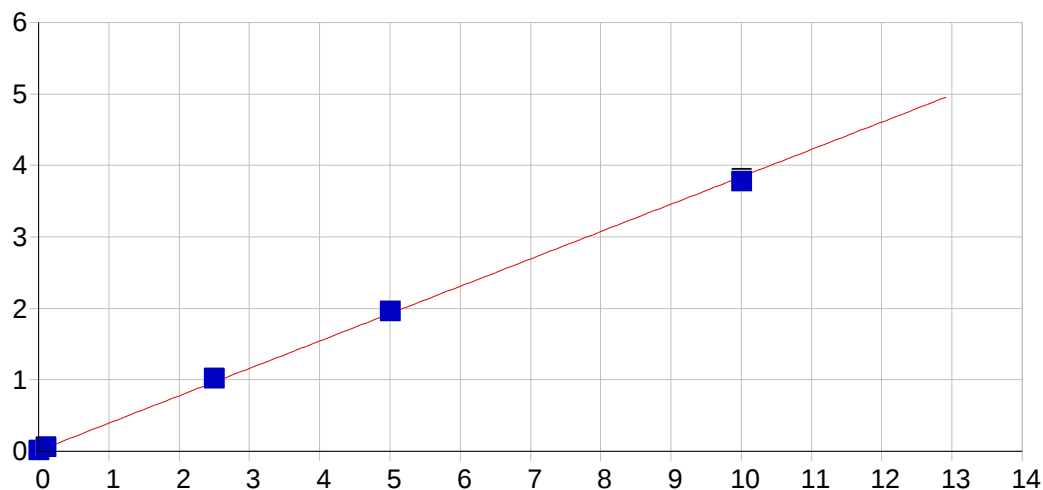


Cu 224.700 {450}

Date of Fit: 3/18/2019 18:24:56 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.000326 Re-Slope: 1.000000
 A1 (Gain): 0.511253 Y-int: 0.000000
 A2 (Curvature): -0.008925
 n (Exponent): 1.000000
 Correlation: 0.999990 Status: OK.
 Std Error of Est: 0.000033
 Predicted MDL: 0.000527
 Predicted MQL: 0.001758

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00032	.000	1
S1	.02000	.02111	.001	5.56	.01127	.000	1
S3	.62500	.62666	.002	.266	.32237	.001	1
S4	1.2500	1.2452	-.005	-.388	.63340	.001	1
S5	2.5000	2.5021	.002	.083	1.2443	.003	1



Fe 240.488 {140}

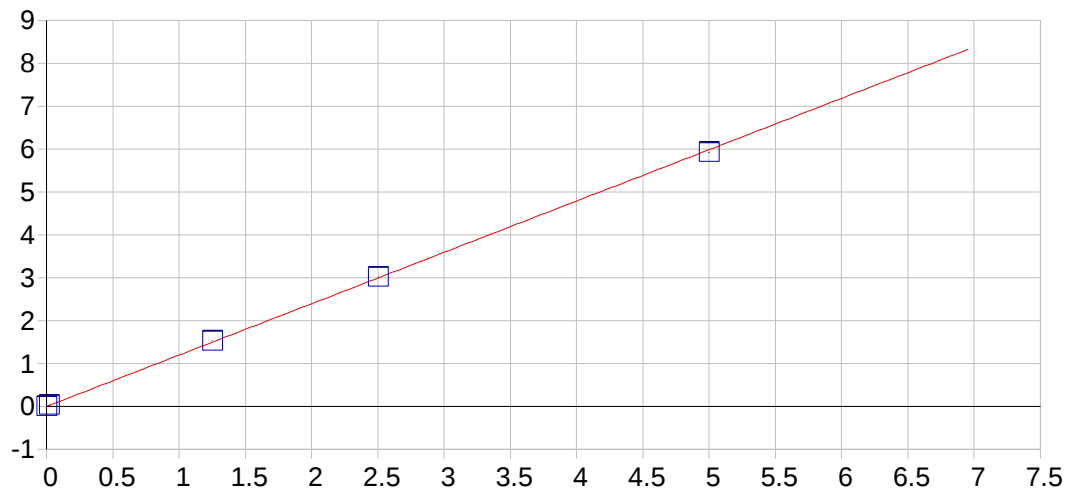
Date of Fit: 3/18/2019 18:24:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.011167 Re-Slope: 1.000000
 A1 (Gain): 0.382897 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999748
 Std Error of Est: 0.000467
 Predicted MDL: 0.001182
 Predicted MQL: 0.003940

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.01116	.001	1
S1	.10000	.10897	.009	8.97	.05308	.000	1
S3	2.5000	2.6025	.103	4.10	1.0112	.006	1
S4	5.0000	5.0642	.064	1.28	1.9574	.002	1
S5	10.000	9.8243	-.176	-1.76	3.7871	.026	1

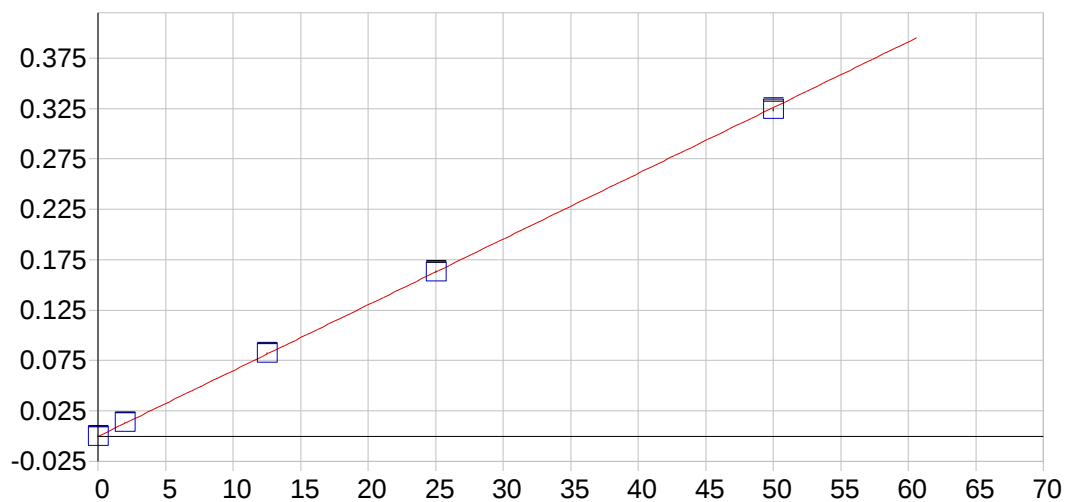


Mn 257.610 {131}

Date of Fit: 3/18/2019 18:24:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000146 Re-Slope: 1.000000
 A1 (Gain): 1.197645 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999916 Status: OK.
 Std Error of Est: 0.000266
 Predicted MDL: 0.000070
 Predicted MQL: 0.000234

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00015	.000	1
S1	.02000	.02201	.002	10.1	.02621	.000	1
S3	1.2500	1.2768	.027	2.14	1.5290	.004	1
S4	2.5000	2.5218	.022	.871	3.0201	.000	1
S5	5.0000	4.9494	-.051	-1.01	5.9275	.010	1

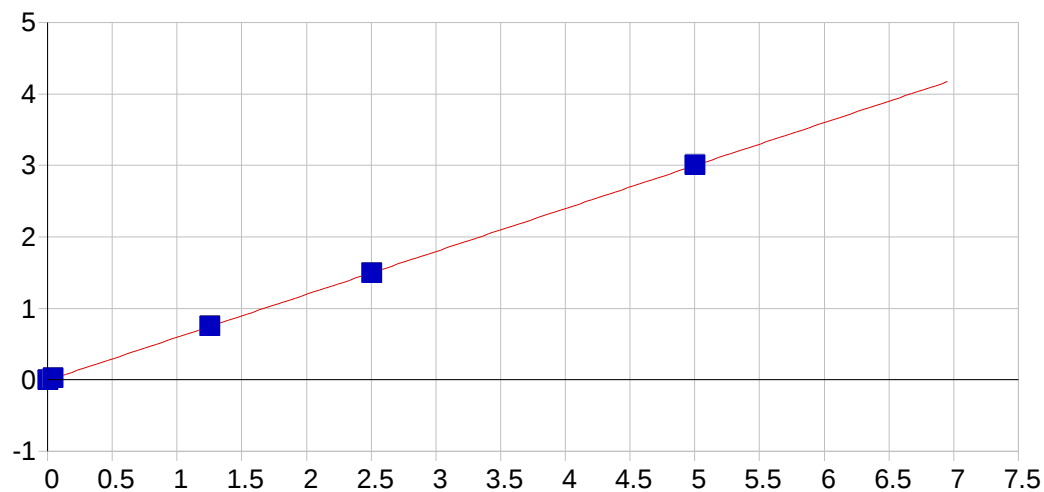


Mg 279.079 {121}

Date of Fit: 3/18/2019 18:24:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000218 Re-Slope: 1.000000
 A1 (Gain): 0.006522 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999950 Status: OK.
 Std Error of Est: 0.000036
 Predicted MDL: 0.048259
 Predicted MQL: 0.160862

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1010	.101	5.05	.01348	.000	1
S0	.00000	-.00012	-.000	.000	-.00022	.001	1
S3	12.500	12.662	.162	1.29	.08236	.000	1
S4	25.000	25.032	.032	.127	.16304	.001	1
S5	50.000	49.706	-.294	-.589	.32396	.001	1



Ni 231.604 {445}

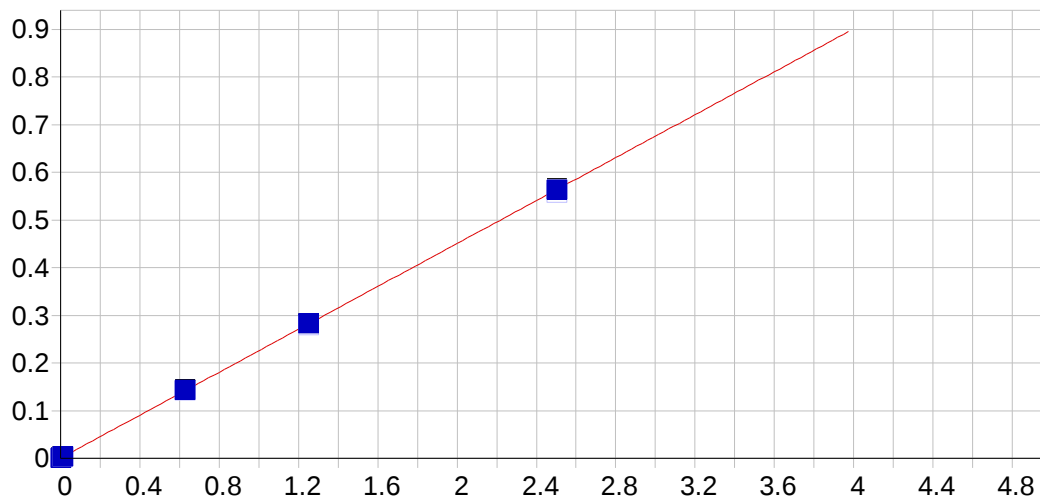
Date of Fit: 3/18/2019 18:24:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.006826 Re-Slope: 1.000000
 A1 (Gain): 0.600931 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999996
 Std Error of Est: 0.000041
 Predicted MDL: 0.000431
 Predicted MQL: 0.001437

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00683	.000	1
S1	.04000	.04029	.000	.713	.01740	.000	1
S3	1.2500	1.2485	-.001	-.119	.74426	.001	1
S4	2.5000	2.4900	-.010	-.399	1.4911	.002	1
S5	5.0000	5.0112	.011	.224	3.0078	.001	1



Ag 328.068 {103}

Date of Fit: 3/18/2019 18:24:56

Type of Fit: Linear

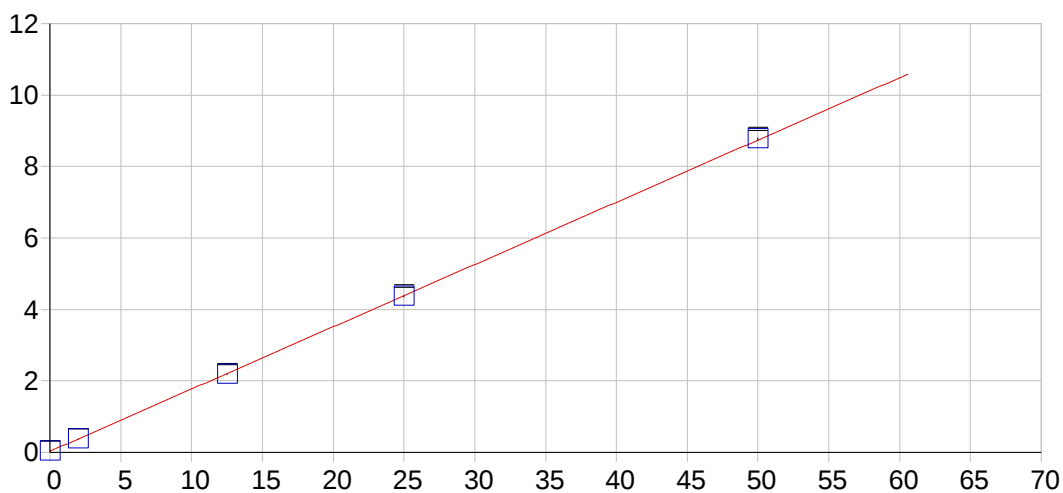
Weighting: 1/Conc

A0 (Offset): 0.000493
 A1 (Gain): 0.225133
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999988
 Std Error of Est: 0.000009
 Predicted MDL: 0.000626
 Predicted MQL: 0.002087

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	.00049	.000	1
S1	.01000	.01012	.000	1.25	.00273	.000	1
S3	.62500	.63228	.007	1.16	.14124	.000	1
S4	1.2500	1.2484	-.002	-.126	.27836	.001	1
S5	2.5000	2.4942	-.006	-.233	.55563	.003	1

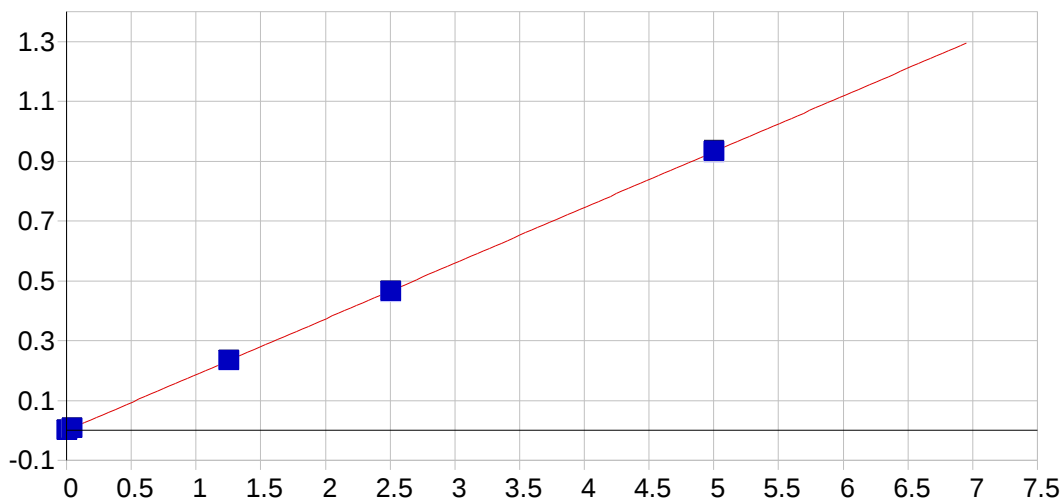


Na 589.592 { 57}

Date of Fit: 3/18/2019 18:24:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.029052 Re-Slope: 1.000000
 A1 (Gain): 0.174297 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999990 Status: OK.
 Std Error of Est: 0.000434
 Predicted MDL: 0.012908
 Predicted MQL: 0.043026

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0198	.020	.988	.38109	.002	1
S0	.00000	-.00000	-.000	.000	.02905	.001	1
S3	12.500	12.382	-.118	-.941	2.1873	.016	1
S4	25.000	24.947	-.053	-.210	4.3773	.037	1
S5	50.000	50.150	.150	.301	8.7701	.044	1



V 292.402 {115}

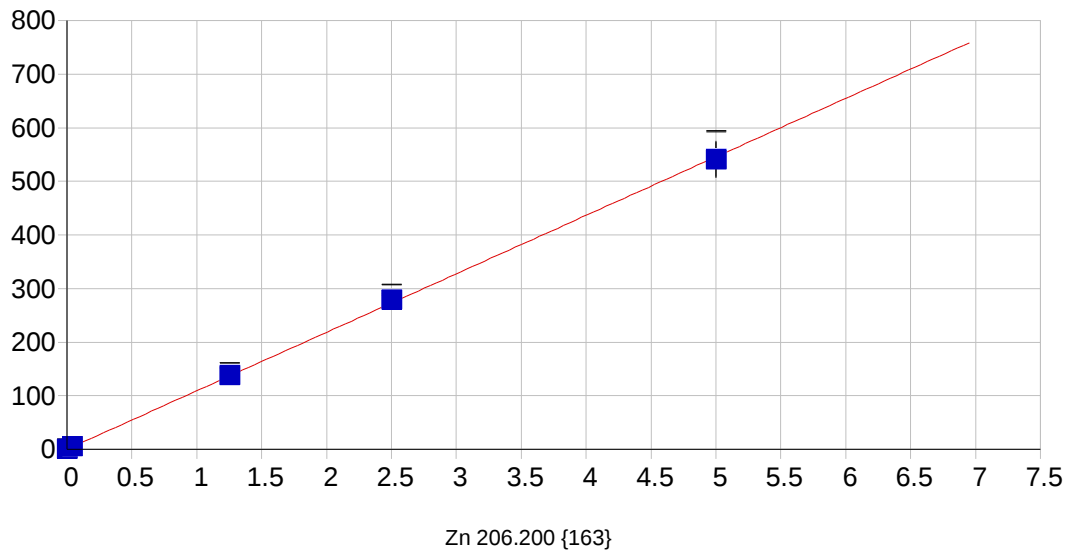
Date of Fit: 3/18/2019 18:24:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000067 Re-Slope: 1.000000
 A1 (Gain): 0.186315 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999997
 Std Error of Est: 0.000010
 Predicted MDL: 0.000546
 Predicted MQL: 0.001820

Status: OK.

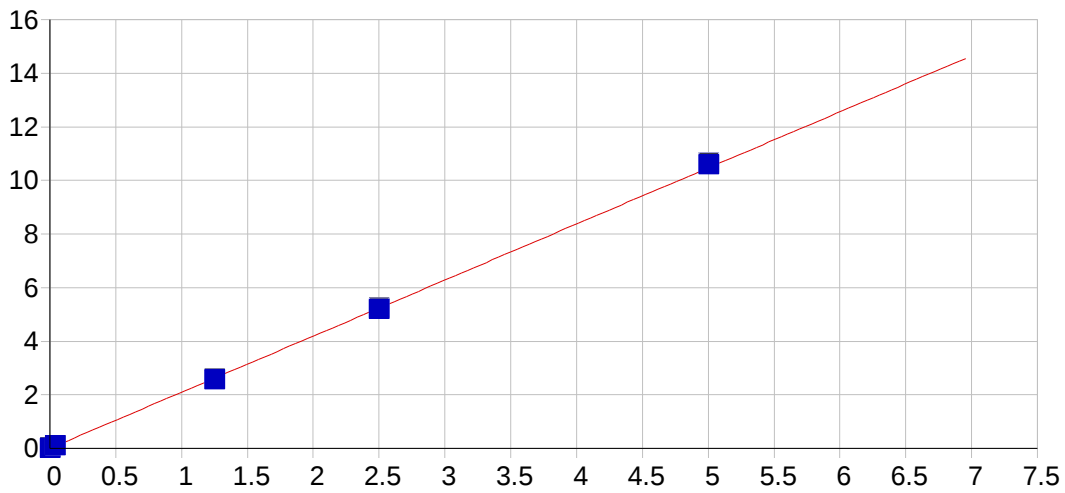
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00007	.000	1
S1	.04000	.04035	.000	.867	.00747	.000	1
S3	1.2500	1.2521	.002	.169	.23183	.001	1
S4	2.5000	2.4911	-.009	-.357	.46115	.001	1
S5	5.0000	5.0065	.006	.129	.92676	.002	1



Date of Fit: 3/18/2019 18:24:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.064126 Re-Slope: 1.000000
 A1 (Gain): 109.111498 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999902 Status: OK.
 Std Error of Est: 0.037200
 Predicted MDL: 0.000349
 Predicted MQL: 0.001162

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.06394	.014	1
S1	.04000	.04112	.001	2.80	4.5796	.052	1
S3	1.2500	1.2589	.009	.713	138.25	4.32	1
S4	2.5000	2.5489	.049	1.96	279.83	9.01	1
S5	5.0000	4.9411	-.059	-1.18	542.49	33.4	1

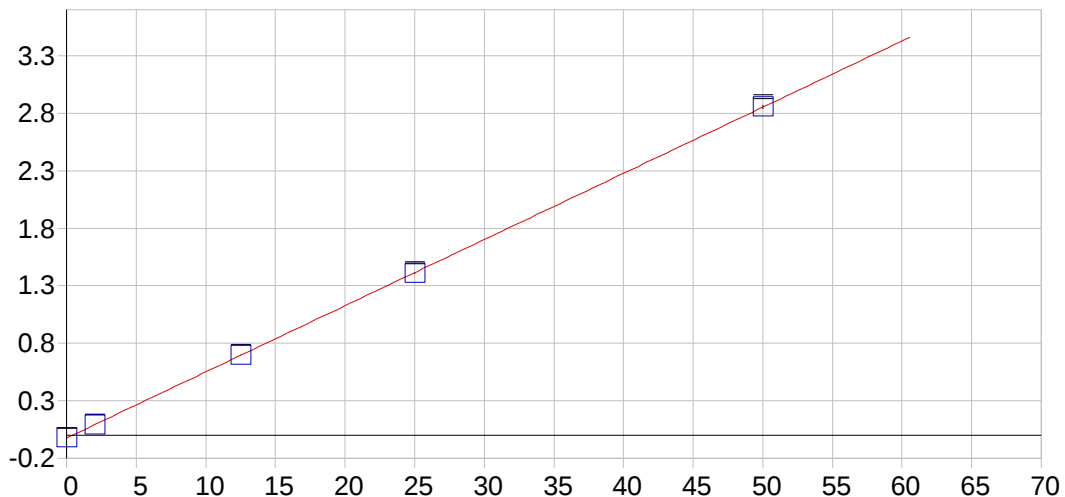


Zn 213.856 {458}

Date of Fit: 3/18/2019 18:24:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003339 Re-Slope: 1.000000
 A1 (Gain): 2.092438 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999912 Status: OK.
 Std Error of Est: 0.000678
 Predicted MDL: 0.000098
 Predicted MQL: 0.000325

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00334	.000	1
S1	.04000	.03862	-.001	-3.45	.08473	.000	1
S3	1.2500	1.2192	-.031	-2.47	2.5711	.001	1
S4	2.5000	2.4784	-.022	-.865	5.2226	.003	1
S5	5.0000	5.0538	.054	1.08	10.645	.006	1



K 766.490 {44}

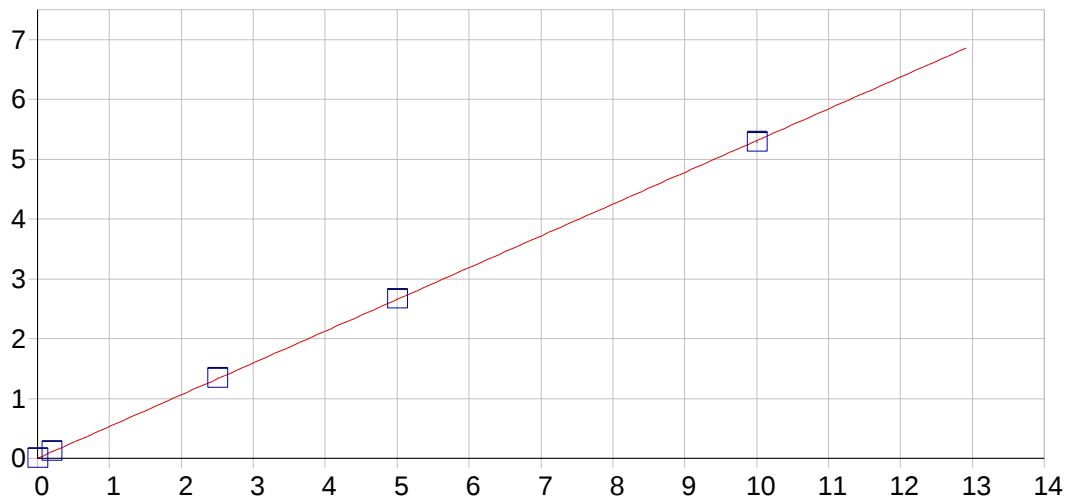
Date of Fit: 3/18/2019 18:24:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.023806 Re-Slope: 1.000000
 A1 (Gain): 0.057522 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999997
 Std Error of Est: 0.000083
 Predicted MDL: 0.043489
 Predicted MQL: 0.144963

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0139	.014	.696	.09204	.003	1
S0	.00000	-.00001	-.000	.000	-.02381	.001	1
S3	12.500	12.533	.033	.265	.69713	.002	1
S4	25.000	24.902	-.098	-.394	1.4086	.009	1
S5	50.000	50.051	.051	.103	2.8552	.016	1



Mo 202.030 {467}

Date of Fit: 3/18/2019 18:24:56

Type of Fit: Linear

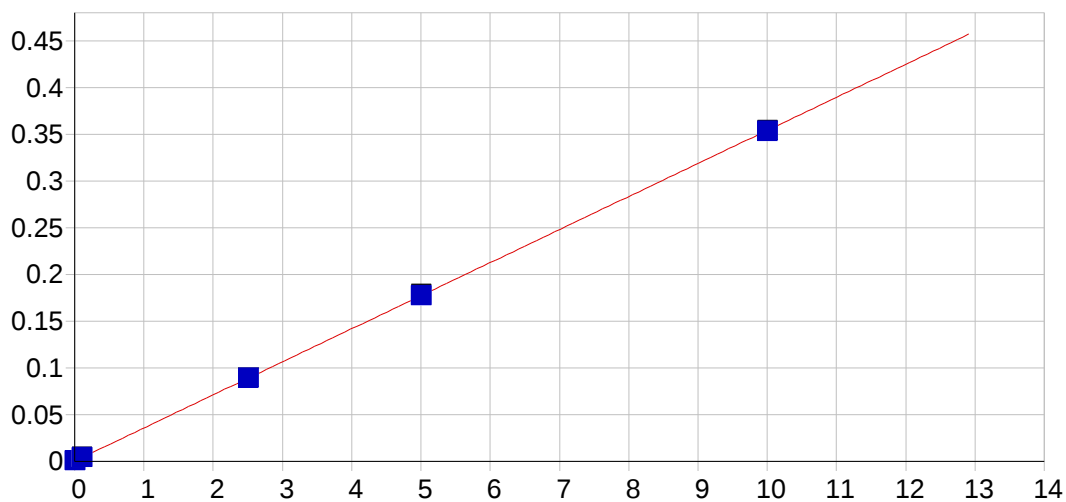
Weighting: 1/Conc

A0 (Offset): 0.000502
 A1 (Gain): 0.531034
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999966
 Std Error of Est: 0.000337
 Predicted MDL: 0.000332
 Predicted MQL: 0.001105

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	.00050	.000	1
S1	.20000	.21192	.012	5.96	.11304	.000	1
S3	2.5000	2.5268	.027	1.07	1.3423	.002	1
S4	5.0000	5.0065	.007	.130	2.6591	.007	1
S5	10.000	9.9547	-.045	-.453	5.2868	.012	1

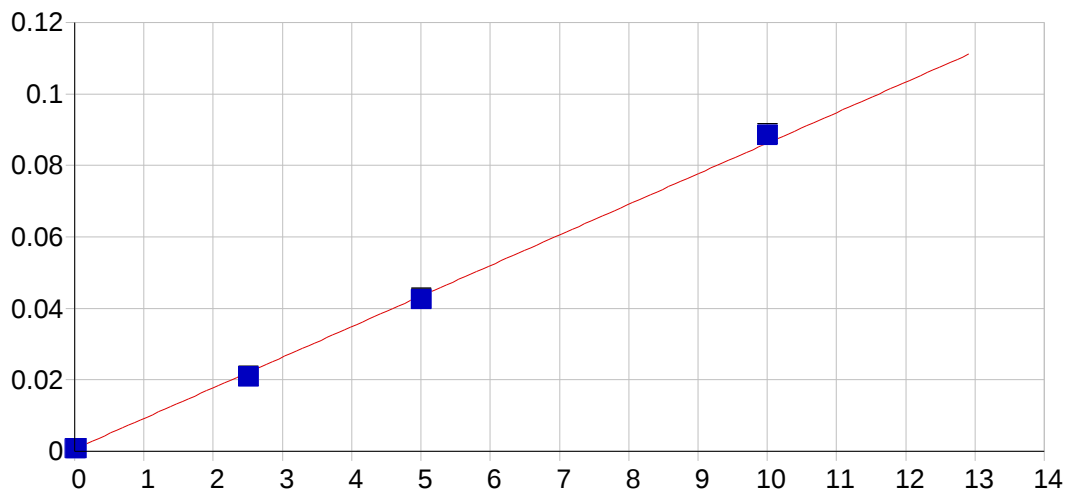


B 249.678 {135}

Date of Fit: 3/18/2019 18:24:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000433 Re-Slope: 1.000000
 A1 (Gain): 0.035367 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999973 Status: OK.
 Std Error of Est: 0.000014
 Predicted MDL: 0.008217
 Predicted MQL: 0.027389

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00043	.000	1
S1	.10000	.10931	.009	9.31	.00428	.000	1
S3	2.5000	2.5108	.011	.433	.08903	.000	1
S4	5.0000	4.9972	-.003	-.056	.17676	.002	1
S5	10.000	9.9827	-.017	-.173	.35266	.001	1



S 182.034 {485}

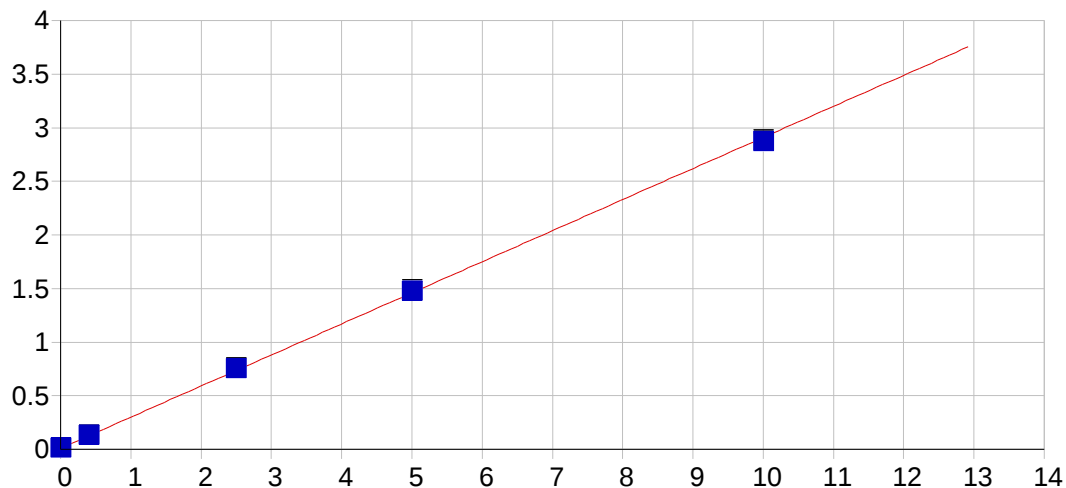
Date of Fit: 3/18/2019 18:24:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000657 Re-Slope: 1.000000
 A1 (Gain): 0.008556 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999292
 Std Error of Est: 0.000008
 Predicted MDL: 0.011400
 Predicted MQL: 0.038002

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00066	.000	1
S1	.02000	.00823	-.012	-58.8	.00072	.000	1
S3	2.5000	2.3534	-.147	-5.86	.02077	.000	1
S4	5.0000	4.8936	-.106	-2.13	.04248	.000	1
S5	10.000	10.264	.264	2.64	.08838	.000	1



Si 288.158 {117}

Date of Fit: 3/18/2019 18:24:56

Type of Fit: Linear

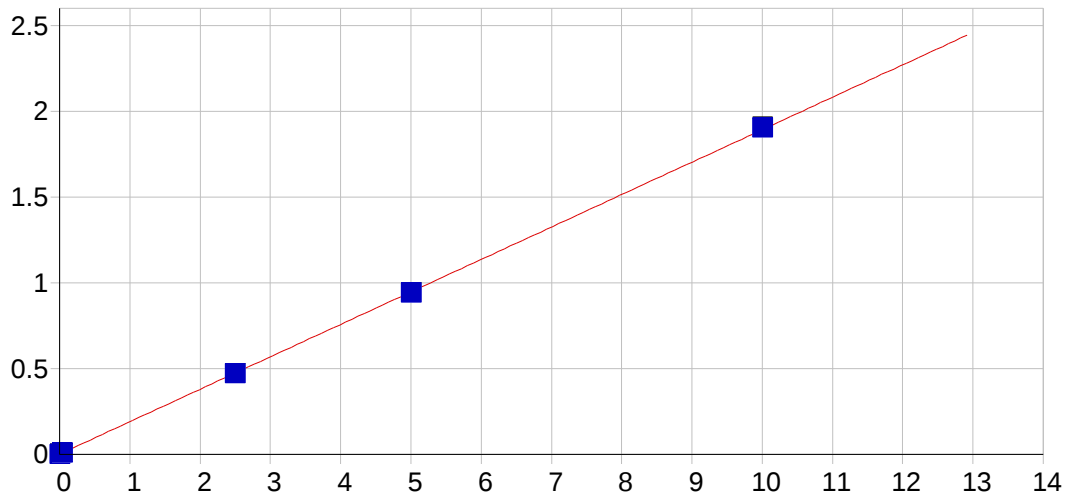
Weighting: 1/Conc

A0 (Offset): 0.010510
 A1 (Gain): 0.289867
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999870
 Std Error of Est: 0.000510
 Predicted MDL: 0.002775
 Predicted MQL: 0.009249

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	.01050	.000	1
S1	.40000	.41323	.013	3.31	.13019	.000	1
S3	2.5000	2.5660	.066	2.64	.75394	.005	1
S4	5.0000	5.0560	.056	1.12	1.4753	.008	1
S5	10.000	9.8647	-.135	-1.35	2.8684	.015	1

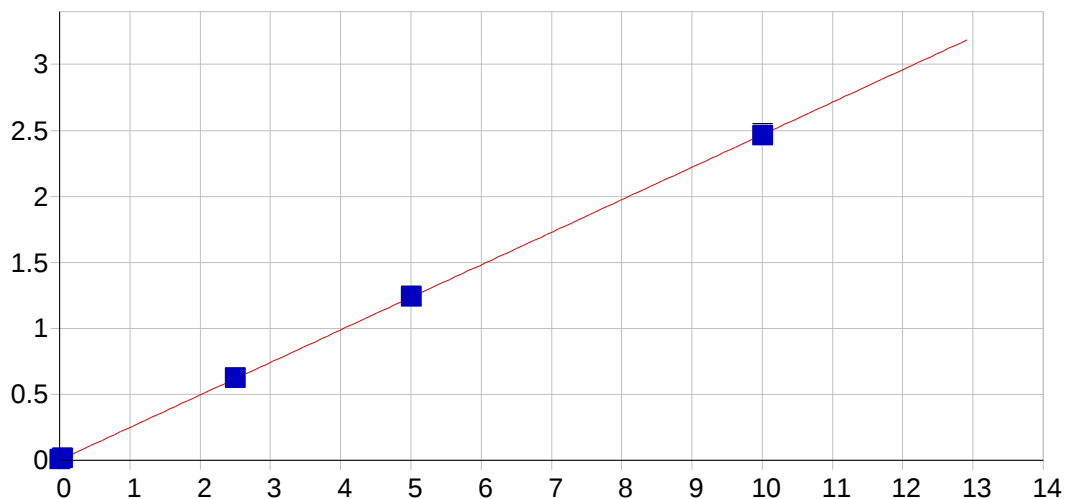


Sn 189.989 {477}

Date of Fit: 3/18/2019 18:24:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001525 Re-Slope: 1.000000
 A1 (Gain): 0.189094 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999981 Status: OK.
 Std Error of Est: 0.000040
 Predicted MDL: 0.000715
 Predicted MQL: 0.002385

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00153	.000	1
S1	.04000	.03942	-.001	-1.44	.00898	.000	1
S3	2.5000	2.4791	-.021	-.837	.47039	.001	1
S4	5.0000	4.9676	-.032	-.647	.94104	.000	1
S5	10.000	10.054	.054	.539	1.9030	.003	1



Ti 336.121 {100}

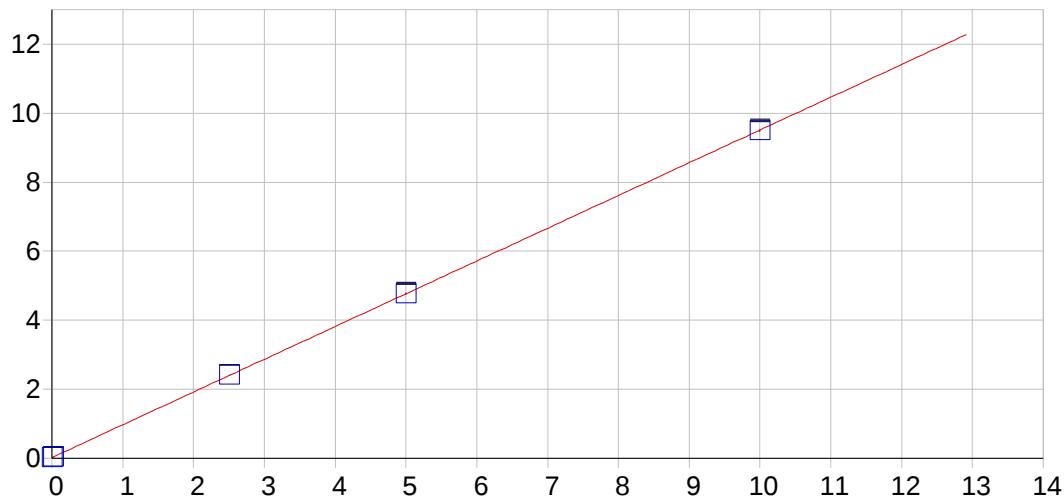
Date of Fit: 3/18/2019 18:24:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002471 Re-Slope: 1.000000
 A1 (Gain): 0.246488 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999996
 Std Error of Est: 0.000025
 Predicted MDL: 0.002147
 Predicted MQL: 0.007158

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00247	.000	1
S1	.04000	.04015	.000	.381	.01236	.001	1
S3	2.5000	2.5104	.010	.414	.62117	.002	1
S4	5.0000	5.0149	.015	.298	1.2384	.005	1
S5	10.000	9.9746	-.025	-.254	2.4608	.011	1



Li 670.784 { 50}

Date of Fit: 3/18/2019 18:24:56

Type of Fit: Linear

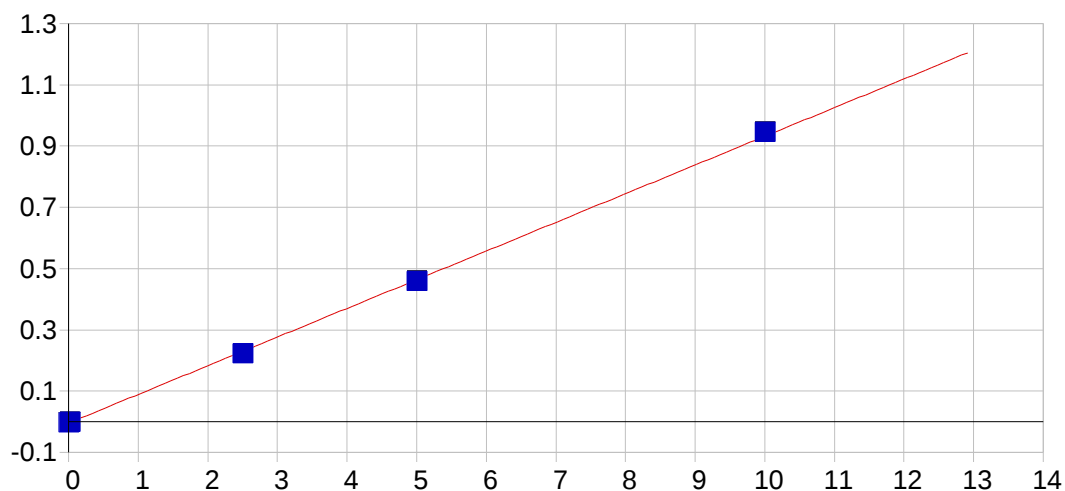
Weighting: 1/Conc

A0 (Offset): 0.021661
 A1 (Gain): 0.949241
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999994
 Std Error of Est: 0.000080
 Predicted MDL: 0.002573
 Predicted MQL: 0.008577

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	.02166	.001	1
S1	.02000	.01881	-.001	-5.93	.03952	.002	1
S3	2.5000	2.5163	.016	.651	2.4102	.006	1
S4	5.0000	5.0035	.003	.069	4.7712	.026	1
S5	10.000	9.9814	-.019	-.186	9.4965	.041	1



P 177.495 {490}

Date of Fit: 3/18/2019 18:24:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.004376 Re-Slope: 1.000000
 A1 (Gain): 0.093634 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999822 Status: OK.
 Std Error of Est: 0.000043
 Predicted MDL: 0.001503
 Predicted MQL: 0.005010

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00438	.000	1
S1	.02000	.01712	-.003	-14.4	-.00278	.000	1
S3	2.5000	2.4108	-.089	-3.57	.22102	.001	1
S4	5.0000	4.9476	-.052	-1.05	.45821	.001	1
S5	10.000	10.144	.144	1.44	.94413	.001	1



Y 224.306 {450}*

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

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



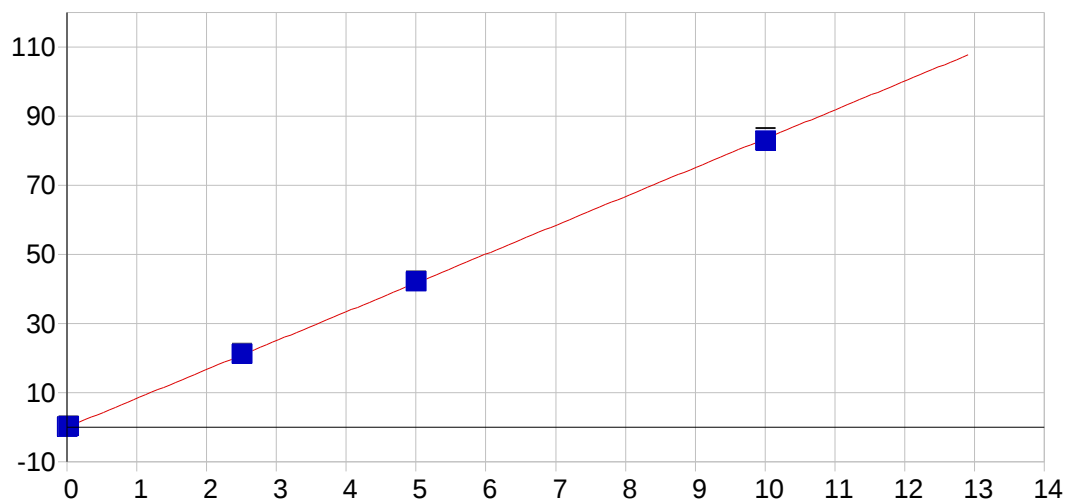




In 230.606 {446}*
 Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc

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
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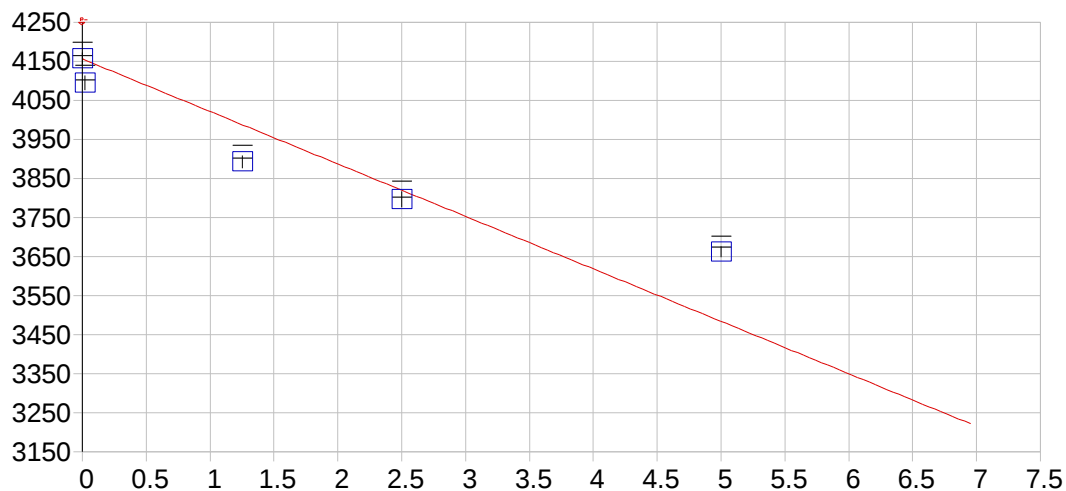


Sr 407.771 { 83}
 Date of Fit: 3/18/2019 18:24:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.011169	Re-Slope:	1.000000
A1 (Gain):	8.348240	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999954	Status:	OK.
Std Error of Est:	0.001942		
Predicted MDL:	0.000116		

Predicted MQL: 0.000387

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.01118	.000	1
S1	.02000	.02067	.001	3.36	.16232	.002	1
S3	2.5000	2.5357	.036	1.43	21.181	.058	1
S4	5.0000	5.0457	.046	.914	42.158	.149	1
S5	10.000	9.9179	-.082	-.821	82.878	.790	1

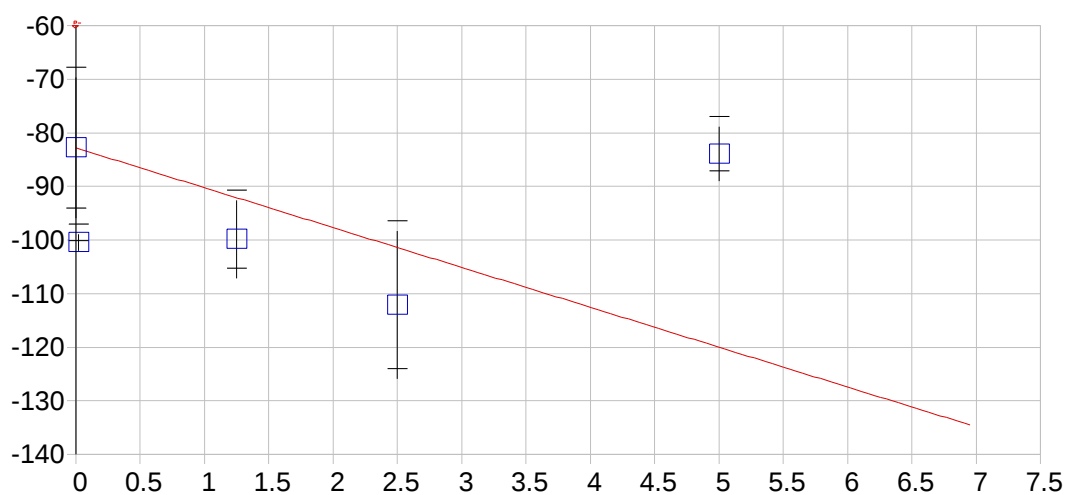


U 367.007 { 92 }

Date of Fit: 3/18/2019 18:24:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 4156.020234 Re-Slope: 1.000000
A1 (Gain): -134.378706 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.678080 Status: Warning Negative Gain
Std Error of Est: 2.489074
Predicted MDL: n/a
Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00044	-.000	.000	4156.1	17.4	1
S1	.02000	.45652	.437	2180.	4094.7	18.8	1
S3	1.2500	1.9589	.709	56.7	3892.8	15.9	1
S4	2.5000	2.6796	.180	7.18	3795.9	20.5	1
S5	5.0000	3.6750	-1.33	-26.5	3662.2	13.2	1



U 385.958 { 87}

Date of Fit: 3/18/2019 18:24:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -82.820414

Re-Slope: 1.000000

A1 (Gain): -7.434981

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.172821

Status: Warning Negative Gain

Std Error of Est: 0.724113

Predicted MDL: n/a

Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00237	-.002	.000	-82.803	13.2	1
S1	.02000	2.3787	2.36	11800.	-100.51	1.53	1
S3	1.2500	2.2962	1.05	83.7	-99.892	7.25	1
S4	2.5000	3.9414	1.44	57.7	-112.12	13.8	1
S5	5.0000	.15379	-4.85	-96.9	-83.964	5.04	1

Sample Name: S0 Acquired: 3/18/2019 12:31:43 Type: Cal
Method: P4-ICP2(v2954) 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	.00010	-.00037	.00419	-.00046	.00085	.00051	.08445	.00009
Stddev	.00008	.00011	.00006	.00006	.00019	.00007	.00335	.00010
%RSD	84.557	29.892	1.3862	14.034	22.712	12.805	3.9617	110.97

#1	.00011	-.00025	.00412	-.00053	.00068	.00054	.08170	.00010
#2	.00017	-.00039	.00424	-.00042	.00106	.00057	.08347	.00019
#3	.00001	-.00048	.00420	-.00042	.00082	.00044	.08817	-.00001

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	-.00122	-.00037	-.00015	-.00069	.00032	.01116	-.00015	-.00022
Stddev	.00030	.00061	.00000	.00004	.00020	.00059	.00009	.00057
%RSD	24.228	167.96	2.0762	6.2128	62.612	5.3164	58.108	262.92

#1	-.00141	-.00099	-.00015	-.00073	.00016	.01125	-.00023	-.00088
#2	-.00088	.00023	-.00015	-.00064	.00055	.01053	-.00016	.00012
#3	-.00138	-.00033	-.00015	-.00070	.00027	.01170	-.00006	.00011

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	-.00683	.00049	.02905	.00007	.00334	-.02381	.00050	.00043
Stddev	.00017	.00006	.00104	.00010	.00013	.00135	.00010	.00021
%RSD	2.4304	12.505	3.5745	150.44	3.8436	5.6729	20.212	48.492

#1	-.00693	.00052	.02837	.00010	.00339	-.02226	.00061	.00042
#2	-.00692	.00042	.03025	.00014	.00344	-.02476	.00042	.00065
#3	-.00663	.00054	.02853	-.00005	.00320	-.02440	.00046	.00023

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	.00066	.01050	.00153	.00247	.02166	-.0044	-.01118	4156.1
Stddev	.00013	.00015	.00017	.00036	.00097	.0001	.00038	17.4
%RSD	19.795	1.4122	10.964	14.625	4.4888	2.946	3.3644	.41799

#1	.00078	.01058	.00161	.00213	.02057	-.0045	-.01125	4140.2
#2	.00067	.01033	.00133	.00243	.02243	-.0044	-.01077	4153.3
#3	.00052	.01059	.00163	.00285	.02198	-.0042	-.01151	4174.7

Sample Name: S0 Acquired: 3/18/2019 12:31:43 Type: Cal
 Method: P4-ICP2(v2954) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-82.803
Stddev	13.184
%RSD	15.923

#1	-68.900
#2	-95.127
#3	-84.382

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4149.4	44202.	5275.7	33.294	4164.3
Stddev	16.1	20.	56.7	2.038	11.6
%RSD	.38820	.04414	1.0745	6.1198	.27780

#1	4132.1	44215.	5232.2	34.967	4151.3
#2	4152.1	44179.	5339.8	31.025	4173.5
#3	4163.9	44211.	5255.1	33.892	4168.1

Sample Name: S1 Acquired: 3/18/2019 12:36:10 Type: Cal
Method: P4-ICP2(v2954) 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	.00097	.00327	.00755	.00061	.00594	.00124	.15248	.00558
Stddev	.00008	.00017	.00014	.00013	.00009	.00008	.00344	.00006
%RSD	8.6552	5.3371	1.8975	20.492	1.5689	6.6428	2.2584	1.0735
#1	.00089	.00337	.00756	.00050	.00587	.00130	.15624	.00551
#2	.00095	.00337	.00740	.00075	.00590	.00128	.14948	.00561
#3	.00106	.00307	.00769	.00059	.00604	.00115	.15172	.00561
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	.01369	.00195	.03082	.01127	.05308	.02621	.01740	.00273
Stddev	.00011	.00007	.00035	.00014	.00034	.00020	.00013	.00012
%RSD	.81809	3.8191	1.1419	1.2701	.64170	.77772	.74506	4.4346
#1	.01366	.00192	.03042	.01142	.05278	.02600	.01726	.00262
#2	.01361	.00204	.03108	.01127	.05300	.02624	.01740	.00270
#3	.01382	.00190	.03095	.01113	.05345	.02641	.01752	.00286
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	.00747	.08473	.11304	.00428	.00072	.13019	.00898	.01236
Stddev	.00014	.00025	.00037	.00007	.00007	.00025	.00007	.00057
%RSD	1.8388	.29307	.32957	1.6385	10.369	.19094	.77795	4.6130
#1	.00733	.08464	.11289	.00426	.00064	.12992	.00891	.01202
#2	.00747	.08454	.11346	.00436	.00074	.13025	.00905	.01205
#3	.00760	.08501	.11276	.00423	.00079	.13041	.00897	.01302
Elem	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	.03952	-.0028	.16232	4094.7	-100.51			
Stddev	.00164	.0000	.00161	18.8	1.53			
%RSD	4.1577	.6544	.99441	.45947	1.5204			
#1	.03820	-.0028	.16217	4093.5	-99.002			
#2	.03900	-.0028	.16079	4076.5	-100.46			
#3	.04136	-.0028	.16401	4114.0	-102.06			

Sample Name: S1 Acquired: 3/18/2019 12:36:10 Type: Cal
Method: P4-ICP2(v2954) 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	4164.8	44078.	5321.4	32.828	4173.4
Stddev	8.0	147.	5.2	.356	8.2
%RSD	.19175	.33312	.09731	1.0857	.19683
#1	4161.5	44162.	5315.5	32.417	4164.1
#2	4159.1	43909.	5325.2	33.017	4176.2
#3	4174.0	44164.	5323.4	33.050	4179.8

Sample Name: S2 Acquired: 3/18/2019 12:40:36 Type: Cal
Method: P4-ICP2(v2954) 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	.08191	.01348	.38109	.09204
Stddev	.00046	.00024	.00183	.00340
%RSD	.55826	1.7623	.48027	3.6970

#1	.08139	.01330	.38261	.09066
#2	.08210	.01340	.37906	.09591
#3	.08225	.01375	.38160	.08954

Int. Std.	Y_3710
Units	Cts/S
Avg	5325.2
Stddev	29.0
%RSD	.54438

#1	5293.9
#2	5351.1
#3	5330.8

Sample Name: S3 Acquired: 3/18/2019 12:44:52 Type: Cal
Method: P4-ICP2(v2954) 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	.10597	.23014	.65533	.12775	.26281	.03706	3.3437	.10897
Stddev	.00011	.00057	.00106	.00022	.00024	.00033	.0124	.00021
%RSD	.09916	.24931	.16194	.17582	.08954	.89166	.37035	.19417

#1	.10587	.23059	.65538	.12751	.26265	.03677	3.3384	.10899
#2	.10597	.23033	.65424	.12779	.26308	.03700	3.3349	.10874
#3	.10608	.22949	.65636	.12795	.26270	.03742	3.3579	.10916

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	3.0724	.50204	.10717	1.3378	.32237	1.0112	1.5290	.08236
Stddev	.0077	.00353	.00064	.0009	.00115	.0056	.0038	.00047
%RSD	.25102	.70217	.59564	.06941	.35634	.55612	.24819	.56466

#1	3.0639	.50236	.10668	1.3368	.32121	1.0095	1.5305	.08250
#2	3.0743	.49837	.10694	1.3380	.32238	1.0067	1.5247	.08184
#3	3.0790	.50540	.10789	1.3386	.32351	1.0175	1.5319	.08275

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	.74426	.14124	2.1873	.23183	2.5711	.69713	1.3423	.08903
Stddev	.00052	.00027	.0160	.00071	.0010	.00192	.0018	.00007
%RSD	.06996	.19409	.73134	.30427	.03942	.27603	.13427	.08260

#1	.74367	.14124	2.1709	.23172	2.5712	.69893	1.3403	.08905
#2	.74466	.14097	2.1880	.23119	2.5700	.69510	1.3431	.08894
#3	.74446	.14152	2.2029	.23259	2.5721	.69734	1.3436	.08909

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	.02077	.75394	.47039	.62117	2.4102	.2210	21.181	3892.8
Stddev	.00013	.00463	.00149	.00205	.0058	.0005	.058	15.9
%RSD	.60823	.61370	.31637	.33024	.24031	.2309	.27562	.40792

#1	.02074	.75107	.46886	.62079	2.4064	.2214	21.169	3886.2
#2	.02066	.75147	.47046	.61933	2.4074	.2204	21.129	3910.9
#3	.02091	.75927	.47183	.62338	2.4169	.2212	21.244	3881.3

Sample Name: S3 Acquired: 3/18/2019 12:44:52 Type: Cal
 Method: P4-ICP2(v2954) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-99.892
Stddev	7.250
%RSD	7.2578

#1	-95.793
#2	-108.26
#3	-95.621

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4055.8	42762.	5338.4	32.102	3903.7
Stddev	8.9	73.	9.0	.934	8.1
%RSD	.22067	.16973	.16898	2.9092	.20643

#1	4045.5	42678.	5334.2	32.992	3894.4
#2	4059.6	42799.	5348.8	31.130	3908.9
#3	4062.2	42809.	5332.3	32.184	3907.7

Sample Name: S4 Acquired: 3/18/2019 12:48:52 Type: Cal
Method: P4-ICP2(v2954) 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	.21262	.46141	1.3122	.25519	.52459	.07385	6.6343	.21676
Stddev	.00095	.00102	.0013	.00081	.00165	.00066	.0267	.00047
%RSD	.44624	.22122	.09963	.31716	.31482	.89002	.40262	.21611

#1	.21155	.46258	1.3133	.25427	.52470	.07391	6.6616	.21627
#2	.21294	.46080	1.3108	.25577	.52289	.07448	6.6329	.21721
#3	.21336	.46083	1.3126	.25554	.52619	.07317	6.6083	.21679

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	6.2176	.98862	.21209	2.7010	.63340	1.9574	3.0201	.16304
Stddev	.0013	.00519	.00047	.0017	.00069	.0016	.0004	.00094
%RSD	.02159	.52486	.22314	.06289	.10815	.08224	.01301	.57953

#1	6.2186	.98502	.21242	2.7015	.63288	1.9569	3.0201	.16195
#2	6.2181	.99457	.21229	2.6991	.63418	1.9592	3.0196	.16351
#3	6.2161	.98628	.21154	2.7024	.63315	1.9561	3.0204	.16366

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	1.4911	.27836	4.3773	.46115	5.2226	1.4086	2.6591	.17676
Stddev	.0021	.00080	.0369	.00077	.0033	.0086	.0070	.00153
%RSD	.13723	.28651	.84234	.16709	.06374	.61084	.26304	.86537

#1	1.4914	.27916	4.3971	.46169	5.2208	1.4137	2.6513	.17530
#2	1.4930	.27837	4.4001	.46150	5.2204	1.4134	2.6613	.17835
#3	1.4890	.27756	4.3348	.46027	5.2264	1.3986	2.6648	.17662

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	.04248	1.4753	.94104	1.2384	4.7712	.4582	42.158	3795.9
Stddev	.00027	.0083	.00033	.0051	.0258	.0007	.149	20.5
%RSD	.62440	.56579	.03478	.41333	.54129	.1553	.35311	.53902

#1	.04225	1.4676	.94067	1.2338	4.7814	.4580	42.221	3778.7
#2	.04241	1.4842	.94116	1.2439	4.7903	.4576	42.264	3790.6
#3	.04277	1.4742	.94129	1.2376	4.7418	.4590	41.987	3818.6

Sample Name: S4 Acquired: 3/18/2019 12:48:52 Type: Cal
Method: P4-ICP2(v2954) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-112.12
Stddev	13.79
%RSD	12.303

#1	-123.25
#2	-116.43
#3	-96.691

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3976.7	42036.	5300.7	30.784	3742.3
Stddev	7.2	196.	27.9	1.042	3.0
%RSD	.18069	.46645	.52609	3.3862	.07906

#1	3985.0	41896.	5296.4	29.583	3741.8
#2	3972.4	41953.	5275.2	31.442	3739.6
#3	3972.8	42260.	5330.5	31.329	3745.5

Sample Name: S5 Acquired: 3/18/2019 12:52:52 Type: Cal
Method: P4-ICP2(v2954) 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	.42776	.91859	2.6407	.50979	1.0524	.14979	13.388	.43026
Stddev	.00092	.00067	.0028	.00191	.0027	.00058	.051	.00124
%RSD	.21510	.07338	.10700	.37378	.25961	.38927	.37832	.28708

#1	.42881	.91925	2.6398	.51123	1.0554	.14940	13.337	.43169
#2	.42740	.91862	2.6384	.51052	1.0500	.14950	13.438	.42950
#3	.42708	.91790	2.6438	.50763	1.0519	.15046	13.388	.42960

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	12.557	1.9565	.41928	5.4748	1.2443	3.7871	5.9275	.32396
Stddev	.014	.0062	.00318	.0045	.0035	.0265	.0097	.00141
%RSD	.10821	.31457	.75806	.08299	.27959	.69954	.16429	.43672

#1	12.548	1.9500	.42114	5.4731	1.2483	3.7920	5.9376	.32258
#2	12.550	1.9571	.42109	5.4714	1.2426	3.8109	5.9266	.32390
#3	12.573	1.9622	.41561	5.4800	1.2420	3.7586	5.9182	.32540

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.0078	.55563	8.7701	.92676	10.645	2.8552	5.2868	.35266
Stddev	.0011	.00331	.0435	.00204	.006	.0160	.0122	.00067
%RSD	.03643	.59514	.49602	.22016	.05981	.56028	.23001	.19108

#1	3.0080	.55795	8.7335	.92833	10.643	2.8394	5.3008	.35200
#2	3.0067	.55709	8.8182	.92749	10.640	2.8714	5.2809	.35334
#3	3.0088	.55184	8.7586	.92445	10.652	2.8550	5.2787	.35266

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	.08838	2.8684	1.9030	2.4608	9.4965	.9441	82.878	3662.2
Stddev	.00044	.0155	.0029	.0105	.0414	.0008	.790	13.2
%RSD	.49731	.53911	.15287	.42813	.43555	.0830	.95356	.36118

#1	.08793	2.8744	1.8997	2.4503	9.4604	.9450	83.163	3653.7
#2	.08880	2.8800	1.9053	2.4714	9.5416	.9436	83.485	3655.4
#3	.08842	2.8509	1.9040	2.4606	9.4873	.9438	81.984	3677.4

Sample Name: S5 Acquired: 3/18/2019 12:52:52 Type: Cal
 Method: P4-ICP2(v2954) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-83.964
Stddev	5.039
%RSD	6.0014

#1	-78.427
#2	-88.282
#3	-85.182

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3902.0	41367.	5300.4	30.646	3575.2
Stddev	15.3	88.	26.5	1.777	3.7
%RSD	.39227	.21177	.49971	5.7969	.10224

#1	3885.0	41346.	5300.8	28.607	3571.0
#2	3906.1	41292.	5273.7	31.861	3577.1
#3	3914.8	41463.	5326.6	31.469	3577.6

Sample Name: ICV01 Acquired: 3/18/2019 12:56:58 Type: Unk
Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0106	1.0164	1.0028	1.0385	.99959	2.5471	.50504
Stddev	.0026	.0072	.0048	.0038	.00230	.0169	.00474
%RSD	.25595	.70914	.47827	.36980	.22969	.66191	.93897

#1	1.0078	1.0087	.99757	1.0369	1.0018	2.5322	.49960
#2	1.0112	1.0174	1.0070	1.0428	.99978	2.5436	.50832
#3	1.0128	1.0230	1.0037	1.0357	.99720	2.5654	.50720

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50131	.48988	10.315	.50631	.50248	.51142	5.2257
Stddev	.00030	.00098	.024	.00063	.00033	.00135	.0245
%RSD	.06014	.20018	.23522	.12474	.06532	.26328	.46888

#1	.50100	.48905	10.299	.50559	.50224	.51069	5.2539
#2	.50160	.49096	10.304	.50657	.50285	.51298	5.2143
#3	.50134	.48963	10.343	.50676	.50234	.51060	5.2090

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51522	6.1805	.50769	F .53806	10.016	.49354	.99599
Stddev	.00050	.0701	.00075	.00093	.069	.00066	.00146
%RSD	.09705	1.1341	.14785	.17233	.68870	.13293	.14679

#1	.51493	6.1050	.50683	.53706	10.050	.49341	.99439
#2	.51580	6.1929	.50820	.53890	10.061	.49295	.99634
#3	.51493	6.2435	.50804	.53821	9.9364	.49424	.99725

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.258	2.5470	2.5899	2.5423	2.5699	2.5252	2.6057
Stddev	.012	.0058	.0293	.0149	.0144	.0074	.0114
%RSD	.11550	.22605	1.1313	.58686	.55925	.29178	.43847

#1	10.258	2.5453	2.5572	2.5570	2.5861	2.5168	2.5930
#2	10.246	2.5534	2.5989	2.5272	2.5586	2.5307	2.6151
#3	10.270	2.5423	2.6137	2.5426	2.5650	2.5280	2.6090

Sample Name: ICV01 Acquired: 3/18/2019 12:56:58 Type: Unk
Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F 2.7148	2.589	F 2.7338	F 1.5570	F<.00000
Stddev	.0154	.006	.0125	.0543	1.4756
%RSD	.56562	.2187	.45683	3.4872	13.366
#1	2.7254	2.584	2.7398	1.6010	-10.704
#2	2.7218	2.595	2.7421	1.4963	-9.7618
#3	2.6972	2.588	2.7194	1.5737	-12.655
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4064.1	43053.	5383.2	33.263	3951.6
Stddev	14.8	133.	46.5	.239	5.4
%RSD	.36330	.30987	.86323	.71859	.13578
#1	4058.3	42925.	5334.2	32.988	3954.9
#2	4053.0	43043.	5388.9	33.418	3945.4
#3	4080.8	43191.	5426.6	33.383	3954.5

Sample Name: LLICV01 Acquired: 3/18/2019 13:01:02 Type: Unk
 Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02102	.04239	.01223	.02264	.05055	.09439	.10611
Stddev	.00052	.00119	.00041	.00206	.00100	.01173	.00332
%RSD	2.4737	2.8100	3.3622	9.0827	1.9838	12.426	3.1309

#1	.02116	.04154	.01196	.02490	.04990	.10742	.10860
#2	.02146	.04375	.01202	.02090	.05171	.08467	.10234
#3	.02045	.04189	.01270	.02211	.05005	.09110	.10739

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00643	.00600	2.1160	.01056	.02944	.02121	.10809
Stddev	.00009	.00003	.0189	.00027	.00012	.00067	.00076
%RSD	1.4157	.44635	.89318	2.5635	.42346	3.1704	.69963

#1	.00650	.00597	2.1002	.01075	.02956	.02168	.10790
#2	.00633	.00602	2.1107	.01068	.02944	.02151	.10745
#3	.00647	.00602	2.1369	.01025	.02931	.02044	.10893

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02249	2.1048	.04070	.01082	2.0422	.04077	.04033
Stddev	.00009	.0010	.00040	.00053	.0135	.00036	.00004
%RSD	.38689	.04555	.97574	4.8804	.66251	.89210	.09737

#1	.02252	2.1037	.04043	.01102	2.0553	.04037	.04035
#2	.02239	2.1052	.04115	.01122	2.0282	.04107	.04029
#3	.02255	2.1056	.04051	.01022	2.0431	.04088	.04036

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1371	.21229	.10942	F -.00066	.41914	.03895	.04365
Stddev	.0127	.00056	.00531	.01366	.00447	.00037	.00101
%RSD	.59425	.26208	4.8526	2070.2	1.0661	.95694	2.3146

#1	2.1451	.21194	.10376	.01494	.41875	.03853	.04482
#2	2.1224	.21200	.11429	-.00648	.41487	.03926	.04305
#3	2.1436	.21293	.11020	-.01044	.42379	.03904	.04309

Sample Name: LLICV01 Acquired: 3/18/2019 13:01:02 Type: Unk
 Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01876	.0183	.02114	F .26921	F 1.1167
Stddev	.00150	.0005	.00016	.14664	1.4748
%RSD	7.9989	2.803	.75464	54.470	132.08
#1	.01917	.0187	.02102	.38476	2.6133
#2	.01709	.0183	.02106	.10425	1.0721
#3	.02001	.0177	.02132	.31862	-.33538
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4143.3	44072.	5418.1	34.811	4170.3
Stddev	4.0	134.	46.9	1.354	8.8
%RSD	.09646	.30489	.86522	3.8911	.21076
#1	4141.8	43918.	5391.5	34.683	4160.3
#2	4147.8	44170.	5472.2	33.525	4174.0
#3	4140.3	44126.	5390.5	36.225	4176.7

Sample Name: ICB01 Acquired: 3/18/2019 13:05:28 Type: Unk
Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00110	.00128	.00069	.00335	-.00167	-.01591	-.00534
Stddev	.00302	.00192	.00091	.00164	.00082	.01013	.00224
%RSD	273.52	150.24	131.42	48.937	49.365	63.662	42.031

#1	-.00020	-.00003	.00129	.00236	-.00257	-.02672	-.00738
#2	.00456	.00348	-.00035	.00245	-.00148	-.01436	-.00570
#3	-.00104	.00038	.00114	.00525	-.00095	-.00664	-.00294

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.00006	-.00666	.00015	.00017	-.00014	-.00116
Stddev	.00001	.00011	.01660	.00008	.00003	.00018	.00056
%RSD	23.338	185.20	249.12	48.756	19.895	130.12	48.302

#1	.00005	.00002	-.00747	.00014	.00013	.00001	-.00174
#2	.00007	.00018	.01033	.00024	.00020	-.00034	-.00063
#3	.00005	-.00003	-.02284	.00009	.00018	-.00009	-.00109

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	.02550	.00041	-.00024	-.09777	.00002	-.00029
Stddev	.00005	.04536	.00030	.00004	.00835	.00042	.00010
%RSD	85.960	177.90	71.857	15.391	8.5396	1936.5	35.678

#1	-.00010	-.00999	.00036	-.00028	-.10187	-.00033	-.00040
#2	-.00006	.07660	.00073	-.00024	-.10328	.00048	-.00028
#3	-.00001	.00988	.00015	-.00021	-.08817	-.00009	-.00019

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.05280	.00012	.00553	F -.02370	.00284	-.00103	-.00045
Stddev	.01801	.00024	.00657	.00740	.00050	.00035	.00213
%RSD	34.106	197.39	118.78	31.223	17.676	34.377	468.25

#1	-.05195	.00007	.00907	-.01590	.00226	-.00140	-.00027
#2	-.03523	-.00009	.00957	-.03062	.00315	-.00070	.00157
#3	-.07121	.00039	-.00205	-.02458	.00310	-.00098	-.00267

Sample Name: ICB01 Acquired: 3/18/2019 13:05:28 Type: Unk
Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00473	.0003	-.00007	F .13383	F 2.8995
Stddev	.00106	.0009	.00002	.45996	1.5307
%RSD	22.490	332.1	27.603	343.70	52.792
#1	-.00548	.0012	-.00007	-.37321	4.6577
#2	-.00351	.0002	-.00005	.52427	2.1779
#3	-.00521	-.0006	-.00008	.25043	1.8629
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4128.5	44298.	5401.1	33.433	4170.3
Stddev	3.0	57.	26.7	.275	3.8
%RSD	.07385	.12869	.49493	.82366	.09228
#1	4131.7	44356.	5388.3	33.417	4174.3
#2	4125.6	44242.	5383.1	33.167	4166.6
#3	4128.4	44294.	5431.8	33.717	4170.1

Sample Name: CRI01 Acquired: 3/18/2019 13:09:56 Type: Unk
Method: P4-ICP2(v2954) 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
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02307	.04277	.01273	.02098	.05204	.10528	.10279
Stddev	.00303	.00052	.00034	.00184	.00051	.01325	.00178
%RSD	13.145	1.2090	2.6748	8.7773	.98476	12.590	1.7341

#1	.02390	.04275	.01304	.02137	.05169	.11914	.10085
#2	.02561	.04227	.01237	.01898	.05263	.09273	.10436
#3	.01971	.04330	.01278	.02260	.05180	.10398	.10314

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00648	.00608	2.1296	.01115	.03110	.02157	.11295
Stddev	.00011	.00011	.0200	.00024	.00063	.00016	.00109
%RSD	1.7549	1.7391	.93846	2.1168	2.0145	.73280	.96697

#1	.00648	.00616	2.1490	.01088	.03046	.02149	.11352
#2	.00660	.00596	2.1309	.01129	.03113	.02175	.11169
#3	.00637	.00613	2.1091	.01128	.03171	.02147	.11363

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02291	2.1587	.04274	.01058	2.0449	.04132	.04578
Stddev	.00016	.0712	.00059	.00042	.0217	.00056	.00274
%RSD	.71597	3.2975	1.3890	3.9302	1.0617	1.3651	5.9828

#1	.02273	2.1160	.04321	.01106	2.0533	.04154	.04302
#2	.02295	2.2408	.04207	.01032	2.0203	.04068	.04581
#3	.02305	2.1191	.04295	.01037	2.0612	.04173	.04850

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1306	.21532	.10192	F -.00315	.42247	.03946	.04200
Stddev	.0469	.00125	.01351	.01883	.00297	.00082	.00240
%RSD	2.2004	.58223	13.252	598.17	.70343	2.0756	5.7037

#1	2.1406	.21399	.09355	.01612	.42547	.03923	.04474
#2	2.0796	.21551	.09470	-.02152	.41953	.03878	.04099
#3	2.1717	.21648	.11750	-.00405	.42240	.04037	.04028

Sample Name: CRI01 Acquired: 3/18/2019 13:09:56 Type: Unk
Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01437	.0252	.02148	F .81080	F<.00000
Stddev	.00277	.0005	.00010	.03181	.59578
%RSD	19.276	1.930	.45195	3.9233	97.092
#1	.01305	.0255	.02137	.77520	-1.2334
#2	.01755	.0255	.02151	.83643	-.04518
#3	.01250	.0246	.02155	.82078	-.56228
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4113.7	43856.	5427.0	33.164	4143.0
Stddev	6.1	36.	57.8	1.218	4.3
%RSD	.14737	.08307	1.0643	3.6716	.10294
#1	4118.7	43883.	5374.0	32.117	4142.2
#2	4106.9	43871.	5488.5	34.500	4147.5
#3	4115.4	43815.	5418.5	32.875	4139.1

Sample Name: ICSA01 Acquired: 3/18/2019 13:14:22 Type: Unk
Method: P4-ICP2(v2954) 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	-.00005	-.00876	-.00454	-.00102	-.00074	287.86	-.00393	-.00027
Stddev	.00160	.00158	.00149	.00623	.00417	1.24	.00080	.00018
%RSD	3424.8	18.077	32.912	614.14	560.81	.43175	20.310	65.934
#1	-.00164	-.00835	-.00352	-.00337	-.00527	287.23	-.00426	-.00008
#2	.00157	-.01050	-.00625	.00605	.00008	289.30	-.00302	-.00043
#3	-.00007	-.00742	-.00384	-.00573	.00296	287.06	-.00451	-.00031
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00246	258.61	.05121	-.00082	-.00118	95.095	.01498	272.69
Stddev	.00025	1.80	.00059	.00008	.00020	1.033	.00009	1.17
%RSD	10.152	.69499	1.1596	9.2733	16.586	1.0865	.60167	.43090
#1	-.00271	260.16	.05173	-.00090	-.00098	96.169	.01501	273.66
#2	-.00221	256.64	.05135	-.00075	-.00120	94.108	.01488	271.38
#3	-.00247	259.02	.05056	-.00079	-.00137	95.008	.01505	273.03
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01266	-.00699	-.00361	.00053	-.01335	.03365	-.00003	-.06663
Stddev	.00066	.00022	.01046	.00086	.00020	.04436	.00069	.00671
%RSD	5.2253	3.1659	289.78	162.88	1.5096	131.82	2239.0	10.071
#1	-.01231	-.00725	-.00831	.00145	-.01351	-.01733	.00049	-.06063
#2	-.01225	-.00689	-.01090	-.00024	-.01312	.05487	-.00081	-.07388
#3	-.01342	-.00684	.00838	.00037	-.01341	.06341	.00023	-.06538
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00189	-.00676	.00970	-.00389	F .02842	-.0010	.00274	4.2878
Stddev	.04028	.00155	.00130	.00125	.00385	.0011	.00086	.3562
%RSD	2134.5	22.975	13.442	32.245	13.547	109.8	31.317	8.3080
#1	-.04812	-.00734	.01117	-.00533	.03285	-.0022	.00190	4.0819
#2	.02557	-.00500	.00869	-.00317	.02647	-.0004	.00362	4.6992
#3	.01689	-.00793	.00925	-.00315	.02593	-.0003	.00269	4.0824

Sample Name: ICSA01 Acquired: 3/18/2019 13:14:22 Type: Unk
 Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	3.0527
%RSD	.99288

#1	-310.73
#2	-304.69
#3	-306.95

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3699.0	38973.	5196.3	30.694	3375.5
Stddev	1.8	166.	54.0	1.535	4.9
%RSD	.04794	.42635	1.0389	5.0021	.14642

#1	3697.3	38945.	5139.6	30.839	3379.1
#2	3700.8	38823.	5247.0	32.152	3377.5
#3	3698.8	39152.	5202.4	29.092	3369.9

Sample Name: ICSAB01 Acquired: 3/18/2019 13:18:54 Type: Unk
Method: P4-ICP2(v2954) 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	.10944	.08476	.05263	.05058	.66088	284.82	.52444	.57270
Stddev	.00384	.00077	.00108	.00491	.00331	.18	.00391	.00090
%RSD	3.5053	.91390	2.0447	9.7175	.50091	.06277	.74523	.15735

#1	.10770	.08401	.05381	.04699	.65735	284.87	.52557	.57222
#2	.11384	.08556	.05171	.05618	.66139	284.62	.52009	.57374
#3	.10679	.08470	.05237	.04856	.66391	284.96	.52766	.57214

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0487	251.40	.58609	.52954	.51820	92.081	.55354	264.53
Stddev	.0022	.56	.00328	.00038	.00160	.376	.00082	1.94
%RSD	.20959	.22203	.56019	.07144	.30833	.40885	.14737	.73384

#1	1.0465	251.19	.58232	.52917	.51752	91.736	.55410	262.83
#2	1.0509	250.98	.58830	.52992	.51705	92.023	.55392	264.11
#3	1.0487	252.03	.58765	.52952	.52003	92.483	.55261	266.65

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0317	.20495	-.02969	.52669	1.1264	.00470	1.1036	1.0421
Stddev	.0017	.00079	.00318	.00096	.0046	.02885	.0036	.0091
%RSD	.16326	.38553	10.693	.18141	.40376	613.70	.32370	.87586

#1	1.0314	.20517	-.02947	.52747	1.1212	-.01343	1.1060	1.0341
#2	1.0334	.20407	-.03298	.52562	1.1296	-.01043	1.0995	1.0520
#3	1.0301	.20561	-.02664	.52696	1.1283	.03796	1.1054	1.0402

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1332	1.0320	1.1302	1.1192	1.1723	1.108	1.1074	4.5394
Stddev	.0158	.0042	.0016	.0064	.0061	.006	.0030	.1414
%RSD	1.3901	.40347	.14287	.57345	.51709	.5030	.27183	3.1144

#1	1.1346	1.0330	1.1302	1.1147	1.1721	1.105	1.1082	4.4901
#2	1.1482	1.0275	1.1286	1.1164	1.1662	1.114	1.1041	4.4292
#3	1.1167	1.0356	1.1318	1.1266	1.1784	1.104	1.1100	4.6988

Sample Name: ICSAB01 Acquired: 3/18/2019 13:18:54 Type: Unk
 Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev 2.6520
 %RSD .87412

#1 -302.24
 #2 -301.52
 #3 -306.43

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3714.7	39119.	5323.4	32.060	3388.0
Stddev	11.9	35.	13.8	1.406	7.8
%RSD	.32105	.08889	.25888	4.3845	.23008

#1	3719.6	39152.	5332.4	32.837	3397.0
#2	3723.5	39082.	5330.1	32.906	3383.8
#3	3701.2	39122.	5307.5	30.438	3383.1

Sample Name: CCV01 Acquired: 3/18/2019 13:23:10 Type: Unk
 Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0021	4.9847	4.9705	5.0115	5.0179	9.9622	9.8365	.25032
Stddev	.0051	.0027	.0046	.0128	.0031	.0642	.0375	.00040
%RSD	.10248	.05489	.09165	.25570	.06117	.64407	.38101	.15894
#1	5.0079	4.9837	4.9683	5.0262	5.0213	9.8897	9.8743	.25031
#2	5.0001	4.9878	4.9757	5.0027	5.0153	10.012	9.7994	.24993
#3	4.9982	4.9827	4.9675	5.0054	5.0172	9.9850	9.8357	.25072
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4648	24.771	1.0025	2.4783	1.2409	4.9876	2.5139	24.798
Stddev	.0031	.090	.0032	.0015	.0005	.0360	.0037	.076
%RSD	.12692	.36223	.32363	.05957	.04382	.72147	.14914	.30480
#1	2.4661	24.764	1.0026	2.4796	1.2402	5.0286	2.5174	24.843
#2	2.4671	24.864	.99918	2.4785	1.2411	4.9617	2.5144	24.711
#3	2.4613	24.685	1.0057	2.4767	1.2413	4.9724	2.5100	24.840
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4608	1.2591	24.258	2.4451	2.4817	24.648	4.9623	4.9049
Stddev	.0034	.0017	.064	.0069	.0043	.069	.0013	.0290
%RSD	.13723	.13545	.26190	.28371	.17250	.28074	.02623	.59132
#1	2.4645	1.2579	24.304	2.4527	2.4846	24.714	4.9630	4.8733
#2	2.4601	1.2583	24.186	2.4432	2.4838	24.576	4.9631	4.9113
#3	2.4579	1.2611	24.284	2.4393	2.4768	24.654	4.9608	4.9302
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8827	4.9724	4.8717	5.0110	4.9416	4.923	4.9968	F 2.9464
Stddev	.0454	.0315	.0114	.0185	.0139	.012	.0151	.3548
%RSD	.93092	.63271	.23327	.36925	.28187	.2336	.30245	12.042
#1	4.8403	5.0082	4.8703	4.9967	4.9573	4.936	5.0142	2.7503
#2	4.9307	4.9599	4.8612	5.0045	4.9306	4.917	4.9871	2.7329
#3	4.8770	4.9491	4.8838	5.0319	4.9370	4.915	4.9890	3.3560

Sample Name: CCV01 Acquired: 3/18/2019 13:23:10 Type: Unk
 Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 3.1409
Stddev	1.1209
%RSD	35.686

#1	3.2924
#2	1.9520
#3	4.1782

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3968.4	42060.	5397.4	33.312	3760.1
Stddev	7.3	96.	40.4	1.602	8.5
%RSD	.18499	.22784	.74793	4.8085	.22720

#1	3960.1	42108.	5350.9	34.362	3750.2
#2	3974.2	42122.	5419.0	31.469	3765.2
#3	3970.7	41950.	5422.5	34.106	3764.8

Sample Name: LLCCV01 Acquired: 3/18/2019 13:27:11 Type: Unk
Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLCCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02214	.04025	.01241	.02146	.05184	.09983	.09513
Stddev	.00275	.00158	.00057	.00031	.00078	.00615	.00238
%RSD	12.439	3.9266	4.5764	1.4383	1.5029	6.1559	2.5016

#1	.02088	.03844	.01177	.02156	.05262	.10339	.09741
#2	.02530	.04090	.01286	.02111	.05183	.09273	.09266
#3	.02024	.04140	.01260	.02171	.05106	.10336	.09533

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00645	.00594	2.0912	.01074	.02976	.02081	.10631
Stddev	.00003	.00011	.0288	.00025	.00011	.00042	.00023
%RSD	.41639	1.9355	1.3793	2.3303	.36215	2.0181	.21233

#1	.00647	.00592	2.0753	.01046	.02971	.02118	.10657
#2	.00645	.00583	2.1245	.01092	.02989	.02089	.10613
#3	.00642	.00606	2.0739	.01086	.02969	.02035	.10625

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02260	2.1198	.04120	.01073	1.9771	.04073	.04008
Stddev	.00017	.0337	.00011	.00009	.0170	.00026	.00016
%RSD	.75591	1.5911	.25710	.87258	.85771	.64846	.40023

#1	.02271	2.0851	.04123	.01076	1.9581	.04097	.03998
#2	.02241	2.1216	.04129	.01081	1.9908	.04045	.04000
#3	.02270	2.1525	.04109	.01063	1.9824	.04078	.04027

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0747	.21206	.10393	F -.00076	.41559	.03827	.04082
Stddev	.0246	.00094	.00620	.00522	.00455	.00074	.00354
%RSD	1.1849	.44123	5.9624	687.10	1.0951	1.9403	8.6829

#1	2.0512	.21115	.09912	-.00054	.41979	.03818	.04462
#2	2.0728	.21302	.11092	.00434	.41622	.03758	.03760
#3	2.1002	.21200	.10174	-.00608	.41076	.03906	.04025

Sample Name: LLCCV01 Acquired: 3/18/2019 13:27:11 Type: Unk
 Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LLCCV01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01700	.0195	.02127	F .67564	F 1.3006
Stddev	.00073	.0009	.00014	.04479	1.5162
%RSD	4.3166	4.521	.66690	6.6296	116.57

#1	.01738	.0202	.02133	.72299	1.8006
#2	.01746	.0185	.02111	.63395	-.40240
#3	.01615	.0199	.02137	.66997	2.5036

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4131.6	44094.	5525.7	34.278	4173.5
Stddev	2.3	114.	51.1	1.669	3.7
%RSD	.05459	.25850	.92439	4.8691	.08947

#1	4130.9	43962.	5507.7	33.125	4177.6
#2	4134.1	44158.	5486.1	33.517	4172.7
#3	4129.8	44161.	5583.4	36.192	4170.2

Sample Name: CCB01 Acquired: 3/18/2019 13:31:38 Type: Unk
Method: P4-ICP2(v2954) 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
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00105	.00030	.00010	.00313	-.00090	-.01487	-.00680
Stddev	.00257	.00190	.00026	.00153	.00102	.00722	.00155
%RSD	243.28	637.17	258.55	48.776	113.91	48.576	22.804

#1	-.00145	.00237	-.00020	.00246	-.00058	-.01505	-.00660
#2	.00368	-.00135	.00022	.00206	-.00204	-.02200	-.00845
#3	.00094	-.00013	.00028	.00488	-.00007	-.00756	-.00537

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	-.00000	-.00124	.00043	.00003	-.00035	-.00294
Stddev	.00008	.00003	.00967	.00037	.00013	.00009	.00035
%RSD	5313.9	646.90	782.22	87.634	410.22	25.959	11.864

#1	-.00005	.00001	.00096	.00086	.00018	-.00045	-.00301
#2	-.00003	-.00004	-.01182	.00020	-.00002	-.00034	-.00256
#3	.00009	.00001	.00715	.00022	-.00006	-.00027	-.00324

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	-.00019	.00040	-.00023	-.11299	.00018	-.00042
Stddev	.00003	.06100	.00050	.00037	.00541	.00044	.00003
%RSD	45.910	31732.	125.09	157.39	4.7859	245.52	7.4924

#1	-.00003	-.06993	-.00016	-.00036	-.11857	.00009	-.00046
#2	-.00006	.04329	.00079	.00018	-.10778	.00066	-.00041
#3	-.00008	.02606	.00057	-.00052	-.11262	-.00021	-.00040

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00627	.00026	-.00317	F -.02280	-.00043	-.00189	-.00221
Stddev	.01346	.00023	.00424	.00619	.00013	.00033	.00223
%RSD	214.81	89.715	133.61	27.168	30.286	17.321	100.95

#1	.00596	.00003	.00167	-.02723	-.00029	-.00152	-.00426
#2	-.00407	.00025	-.00497	-.02545	-.00046	-.00212	.00016
#3	-.02068	.00050	-.00623	-.01572	-.00055	-.00204	-.00252

Sample Name: CCB01 Acquired: 3/18/2019 13:31:38 Type: Unk
 Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00820	.0007	.00004	F .52921	F .97880
Stddev	.00246	.0020	.00007	.17960	.36695
%RSD	30.035	287.9	166.06	33.938	37.490
#1	-.00689	.0030	.00007	.70955	1.2145
#2	-.01104	-.0003	.00010	.52773	.55601
#3	-.00667	-.0006	-.00004	.35035	1.1659
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4157.1	44294.	5542.9	33.867	4219.5
Stddev	5.8	86.	35.2	2.346	11.2
%RSD	.14070	.19429	.63433	6.9270	.26498
#1	4153.1	44207.	5502.6	33.842	4211.5
#2	4154.4	44380.	5558.4	31.533	4214.7
#3	4163.8	44294.	5567.6	36.225	4232.3

Sample Name: LR CHECK 1 Acquired: 3/18/2019 13:35:40 Type: Unk
Method: P4-ICP2(v2954) 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	-.01341	-.11265	.20171	-.33304	.02975	1968.5	-.03196
Stddev	.00837	.00704	.00157	.00434	.01420	12.0	.00307
%RSD	62.421	6.2464	.77607	1.3039	47.711	.60952	9.6124

#1	-.02212	-.11677	.20222	-.33798	.02524	1967.4	-.03022
#2	-.01267	-.10453	.20296	-.33136	.01836	1957.0	-.03550
#3	-.00543	-.11667	.19995	-.32979	.04566	1980.9	-.03014

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01954	.01779	1788.4	-.07653	.04204	.44032	824.47
Stddev	.00067	.00104	6.4	.00017	.00036	.00198	4.95
%RSD	3.4518	5.8541	.35633	.22036	.86734	.44917	.60089

#1	.02026	.01835	1781.5	-.07634	.04245	.44141	824.71
#2	.01944	.01658	1794.1	-.07661	.04175	.43804	829.30
#3	.01892	.01842	1789.6	-.07665	.04193	.44152	819.40

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00364	F 1843.3	-.03459	-.09587	1661.7	.00212	.02197
Stddev	.00009	6.6	.00121	.00234	1.6	.00110	.00110
%RSD	2.4421	.35587	3.5085	2.4421	.09735	51.743	4.9990

#1	.00360	1850.6	-.03436	-.09347	1661.4	.00215	.02267
#2	.00374	1841.6	-.03590	-.09815	1663.4	.00319	.02070
#3	.00358	1837.8	-.03350	-.09598	1660.2	.00100	.02252

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1062.0	-.00008	-.76150	.04290	-.01078	.09800	-.06661
Stddev	1.8	.00144	.02819	.08683	.00346	.00257	.00139
%RSD	.16965	1768.4	3.7022	202.41	32.122	2.6249	2.0891

#1	1061.1	.00082	-.79128	-.00545	-.01455	.09656	-.06506
#2	1064.1	-.00174	-.75801	.14314	-.01004	.10097	-.06774
#3	1060.8	.00068	-.73522	-.00899	-.00775	.09648	-.06703

Sample Name: LR CHECK 1 Acquired: 3/18/2019 13:35:40 Type: Unk
 Method: P4-ICP2(v2954) 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	.22488	.0147	-.89498	2.1473	F<.00000
Stddev	.00169	.0060	.00547	.2090	4.6065
%RSD	.75236	40.82	.61095	9.7338	.14235

#1	.22463	.0100	-.89531	2.3224	-3236.6
#2	.22669	.0214	-.90027	1.9159	-3231.1
#3	.22333	.0126	-.88935	2.2036	-3240.3

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2895.9	30018.	4800.9	28.621	2294.1
Stddev	2.0	41.	12.9	.854	7.0
%RSD	.07050	.13711	.26808	2.9831	.30725

#1	2894.0	30041.	4812.8	28.945	2286.2
#2	2898.1	30042.	4787.2	27.653	2299.9
#3	2895.7	29970.	4802.8	29.266	2296.1

Sample Name: LR CHECK 2 Acquired: 3/18/2019 13:40:44 Type: Unk
Method: P4-ICP2(v2954) 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	.00060	-.02177	F 270.10	.02187	-.09962	-.20638	F 102.61	-.00003
Stddev	.00338	.00140	1.69	.00170	.00409	.00250	1.18	.00007
%RSD	565.45	6.4217	.62531	7.7629	4.1078	1.2107	1.1488	211.02
#1	.00290	-.02111	269.85	.02006	-.10148	-.20914	101.25	-.00007
#2	-.00328	-.02338	271.90	.02214	-.10246	-.20427	103.25	.00005
#3	.00217	-.02083	268.55	.02342	-.09493	-.20573	103.34	-.00008
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01510	.38064	-.14361	-.01232	243.13	-.51417	F 45.645	.00927
Stddev	.00007	.01747	.00118	.00017	.98	.00619	.609	.02368
%RSD	.49074	4.5890	.82161	1.3499	.40464	1.2032	1.3332	255.36
#1	-.01518	.38055	-.14405	-.01235	242.20	-.51303	46.209	-.01760
#2	-.01505	.39815	-.14450	-.01214	244.16	-.52084	45.727	.01833
#3	-.01506	.36321	-.14227	-.01247	243.03	-.50863	45.000	.02709
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 53.948	.00489	2.1833	-.18459	F 37.956	4.5415	-.00071	.00350
Stddev	.125	.00033	.0927	.00115	.105	.8782	.00031	.00630
%RSD	.23239	6.7588	4.2462	.62147	.27580	19.338	43.252	179.87
#1	53.833	.00453	2.2647	-.18525	37.929	5.4320	-.00102	-.00236
#2	54.081	.00494	2.2028	-.18525	38.072	4.5166	-.00070	.00270
#3	53.929	.00518	2.0824	-.18327	37.868	3.6760	-.00040	.01016
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.02681	.02344	.00136	.02463	.00949	^ *****	.00291	3.6333
Stddev	.00516	.00207	.00105	.00081	.00548	----	.00012	.5996
%RSD	19.253	8.8405	77.139	3.2856	57.755	----	3.9608	16.503
#1	-.03178	.02430	.00201	.02484	.00447	^ ----	.00282	4.0499
#2	-.02148	.02107	.00015	.02531	.00867	^ ----	.00288	3.9039
#3	-.02717	.02493	.00192	.02373	.01534	^ ----	.00304	2.9461

Sample Name: LR CHECK 2 Acquired: 3/18/2019 13:40:44 Type: Unk
Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	40.855
Stddev	1.214
%RSD	2.9719

#1	41.710
#2	41.390
#3	39.466

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3589.0	42988.	5512.3	29.556	3797.7
Stddev	13.6	409.	47.9	1.530	8.7
%RSD	.37994	.95173	.86947	5.1756	.22919

#1	3591.6	42714.	5561.3	29.925	3797.3
#2	3574.2	42791.	5510.0	30.867	3789.1
#3	3601.1	43458.	5465.6	27.875	3806.5

Sample Name: K1931-01 Acquired: 3/18/2019 13:45:31 Type: Unk
Method: P4-ICP2(v2954) 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	.03982	-.01275	.26680	.00879	-.00584	31.772	.30612
Stddev	.00138	.00010	.00119	.00387	.00111	.076	.00215
%RSD	3.4761	.78534	.44466	44.038	19.043	.23921	.70186

#1	.03981	-.01278	.26555	.01149	-.00481	31.685	.30766
#2	.03845	-.01283	.26791	.01054	-.00571	31.810	.30367
#3	.04121	-.01263	.26693	.00436	-.00702	31.822	.30704

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00303	.00282	9.9041	.15201	.03580	.09082	100.35
Stddev	.00004	.00009	.1073	.00069	.00015	.00044	1.10
%RSD	1.4341	3.1659	1.0829	.45487	.41412	.48358	1.0975

#1	.00300	.00273	9.9256	.15186	.03563	.09118	101.33
#2	.00302	.00291	9.7877	.15277	.03590	.09096	99.157
#3	.00308	.00281	9.9990	.15141	.03588	.09033	100.55

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24256	5.7460	.17535	-.00464	1.2476	.19488	.89844
Stddev	.00060	.0118	.00095	.00058	.0259	.00030	.00082
%RSD	.24674	.20536	.54004	12.581	2.0794	.15435	.09159

#1	.24191	5.7359	.17437	-.00401	1.2184	.19518	.89924
#2	.24308	5.7590	.17626	-.00517	1.2563	.19458	.89850
#3	.24270	5.7432	.17540	-.00473	1.2680	.19489	.89759

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.0441	.00008	-.01489	F 12.228	3.1127	.00194	.73592
Stddev	.0737	.00010	.00737	.031	.0142	.00077	.00675
%RSD	1.8215	124.71	49.483	.25480	.45497	39.908	.91778

#1	3.9871	.00018	-.00650	12.260	3.1041	.00200	.73495
#2	4.1273	.00005	-.02028	12.198	3.1051	.00113	.72970
#3	4.0180	-.00000	-.01790	12.226	3.1291	.00268	.74310

Sample Name: K1931-01 Acquired: 3/18/2019 13:45:31 Type: Unk
Method: P4-ICP2(v2954) 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	.01824	4.406	-.03906	<.00000	F<.00000
Stddev	.00097	.004	.00130	.28504	2.1039
%RSD	5.2976	.0926	3.3294	37.542	.57731
#1	.01922	4.401	-.04029	-.45554	-366.84
#2	.01820	4.407	-.03770	-1.0210	-362.92
#3	.01729	4.409	-.03920	-.80128	-363.54
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4242.9	45446.	5825.6	35.961	4056.3
Stddev	13.1	18.	40.5	1.615	11.5
%RSD	.30873	.03886	.69537	4.4896	.28273
#1	4240.5	45426.	5796.4	37.067	4053.8
#2	4231.1	45454.	5871.9	36.708	4046.3
#3	4257.0	45458.	5808.6	34.108	4068.8

Sample Name: K1933-01 Acquired: 3/18/2019 13:49:47 Type: Unk
Method: P4-ICP2(v2954) 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	.01077	-.00915	.65437	.00274	-.00201	50.506	.11659
Stddev	.00257	.00066	.00061	.00334	.00162	.040	.00298
%RSD	23.857	7.2418	.09264	121.66	80.938	.07959	2.5543

#1	.01238	-.00984	.65435	-.00110	-.00302	50.551	.11764
#2	.01213	-.00852	.65498	.00448	-.00287	50.472	.11323
#3	.00781	-.00910	.65377	.00485	-.00013	50.497	.11891

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00051	.02732	15.237	.07439	.00777	.16933	97.279
Stddev	.00003	.00005	.031	.00032	.00018	.00011	.447
%RSD	6.4456	.19293	.20360	.42584	2.3517	.06538	.45943

#1	.00047	.02726	15.248	.07416	.00794	.16945	97.793
#2	.00052	.02736	15.260	.07426	.00758	.16932	96.985
#3	.00053	.02733	15.201	.07476	.00780	.16923	97.058

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.38674	3.5193	.03651	-.00298	.52458	.06461	3.4793
Stddev	.00068	.0225	.00048	.00043	.01848	.00025	.0037
%RSD	.17457	.63936	1.3059	14.283	3.5234	.38821	.10701

#1	.38692	3.5289	.03659	-.00256	.52766	.06463	3.4819
#2	.38599	3.5353	.03600	-.00297	.50476	.06435	3.4811
#3	.38730	3.4936	.03695	-.00341	.54134	.06485	3.4751

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.5038	.00390	-.04397	1.2397	5.3328	.10624	.48315
Stddev	.0091	.00032	.00518	.0201	.0400	.00061	.00441
%RSD	.60409	8.1948	11.779	1.6246	.74957	.57663	.91221

#1	1.5084	.00378	-.04198	1.2550	5.2976	.10554	.47999
#2	1.4933	.00366	-.04007	1.2169	5.3246	.10667	.48819
#3	1.5096	.00426	-.04985	1.2472	5.3762	.10651	.48128

Sample Name: K1933-01 Acquired: 3/18/2019 13:49:47 Type: Unk
 Method: P4-ICP2(v2954) 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	.00764	1.114	-.04370	.07208	F<.00000
Stddev	.00147	.004	.00060	.15686	1.9723
%RSD	19.184	.3596	1.3805	217.62	.57390

#1	.00776	1.111	-.04440	.10262	-341.60
#2	.00612	1.119	-.04334	.21142	-343.87
#3	.00905	1.112	-.04337	-.09781	-345.52

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4141.1	44345.	5713.5	34.816	4056.6
Stddev	7.4	51.	28.9	1.490	3.6
%RSD	.17868	.11525	.50599	4.2811	.08783

#1	4140.3	44393.	5682.2	33.116	4056.0
#2	4148.9	44291.	5719.1	35.896	4060.4
#3	4134.2	44350.	5739.2	35.437	4053.3

Sample Name: K1933-02 Acquired: 3/18/2019 13:54:01 Type: Unk
Method: P4-ICP2(v2954) 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	.01665	-.01367	.86236	-.00151	.03044	113.74	.37092
Stddev	.00182	.00078	.00221	.00448	.00071	.19	.00562
%RSD	10.922	5.7230	.25594	296.54	2.3276	.16885	1.5157

#1	.01848	-.01433	.86299	-.00625	.03092	113.95	.37738
#2	.01662	-.01386	.85991	-.00093	.03077	113.58	.36709
#3	.01484	-.01281	.86419	.00265	.02963	113.69	.36830

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00073	.00847	6.4082	.18821	.00904	.48708	138.18
Stddev	.00004	.00016	.0441	.00206	.00017	.00232	1.44
%RSD	5.9212	1.9019	.68801	1.0930	1.8568	.47664	1.0435

#1	.00072	.00828	6.4380	.19024	.00889	.48877	139.84
#2	.00069	.00855	6.3575	.18613	.00901	.48443	137.32
#3	.00077	.00857	6.4290	.18826	.00922	.48803	137.38

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51448	1.6342	.06281	-.00584	.33407	.17361	1.3260
Stddev	.00113	.0435	.00016	.00033	.01377	.00158	.0008
%RSD	.22052	2.6644	.24923	5.6508	4.1220	.91187	.05656

#1	.51578	1.5949	.06265	-.00617	.34304	.17413	1.3264
#2	.51397	1.6268	.06296	-.00551	.34096	.17183	1.3265
#3	.51369	1.6810	.06282	-.00584	.31822	.17487	1.3251

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3846	.00563	-.06825	2.2142	6.4474	.26216	.58669
Stddev	.0296	.00045	.01188	.0056	.0176	.00230	.00363
%RSD	2.1340	7.9580	17.406	.25532	.27325	.87593	.61864

#1	1.4131	.00608	-.05508	2.2206	6.4270	.26464	.58734
#2	1.3867	.00518	-.07152	2.2103	6.4577	.26172	.58995
#3	1.3541	.00564	-.07816	2.2115	6.4574	.26011	.58278

Sample Name: K1933-02 Acquired: 3/18/2019 13:54:01 Type: Unk
Method: P4-ICP2(v2954) 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	.00556	1.875	-.09718	<.00000	F<.00000
Stddev	.00284	.003	.00139	.12099	1.0619
%RSD	51.187	.1485	1.4291	34.220	.20081
#1	.00328	1.877	-.09877	-.34795	-528.85
#2	.00465	1.872	-.09620	-.47729	-529.81
#3	.00875	1.876	-.09657	-.23550	-527.69
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4149.9	43991.	5785.1	35.143	3983.6
Stddev	12.4	165.	29.9	1.533	1.8
%RSD	.29936	.37495	.51771	4.3613	.04538
#1	4146.7	43823.	5750.6	33.751	3985.6
#2	4163.7	44153.	5804.9	36.786	3982.0
#3	4139.5	43997.	5799.7	34.893	3983.2

Sample Name: K1933-03 Acquired: 3/18/2019 13:58:31 Type: Unk
Method: P4-ICP2(v2954) 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	.02571	-.01202	3.2365	.00085	-.00234	85.207	.34718
Stddev	.00242	.00142	.0041	.00143	.00168	.389	.00521
%RSD	9.4213	11.831	.12721	168.74	71.665	.45626	1.5021

#1	.02713	-.01224	3.2410	-.00079	-.00392	85.194	.34977
#2	.02707	-.01050	3.2330	.00187	-.00058	85.602	.35058
#3	.02291	-.01332	3.2355	.00146	-.00252	84.825	.34117

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00084	-.00010	25.491	.16512	.00988	.42484	81.196
Stddev	.00013	.00021	.078	.00148	.00009	.00104	.525
%RSD	15.761	217.53	.30677	.89388	.93245	.24530	.64607

#1	.00086	.00006	25.437	.16682	.00978	.42393	81.535
#2	.00096	-.00002	25.456	.16417	.00988	.42460	80.592
#3	.00070	-.00033	25.581	.16436	.00997	.42597	81.462

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.39677	7.2933	.04160	-.00259	.37011	.12479	2.6478
Stddev	.00130	.0761	.00005	.00057	.00288	.00131	.0053
%RSD	.32832	1.0429	.11413	22.081	.77887	1.0522	.20078

#1	.39795	7.3351	.04155	-.00261	.37282	.12628	2.6527
#2	.39537	7.2055	.04164	-.00316	.36708	.12380	2.6421
#3	.39700	7.3392	.04160	-.00201	.37043	.12430	2.6484

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9219	.00365	-.02832	7.1838	5.8564	.08925	.61738
Stddev	.0157	.00026	.00338	.0204	.0829	.00055	.02125
%RSD	.81447	7.0849	11.940	.28354	1.4160	.61353	3.4412

#1	1.9061	.00376	-.02986	7.1893	5.8788	.08883	.61016
#2	1.9221	.00335	-.03065	7.1612	5.7646	.08906	.60068
#3	1.9374	.00383	-.02444	7.2007	5.9259	.08987	.64129

Sample Name: K1933-03 Acquired: 3/18/2019 13:58:31 Type: Unk
 Method: P4-ICP2(v2954) 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	.01148	1.949	.01703	.37182	F<.00000
Stddev	.00184	.011	.00067	.08191	2.3963
%RSD	16.027	.5508	3.9629	22.029	.83122

#1	.01280	1.944	.01632	.32734	-290.51
#2	.01227	1.943	.01766	.32178	-288.61
#3	.00938	1.962	.01710	.46634	-285.75

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4142.2	44292.	5769.0	34.810	3985.5
Stddev	1.1	97.	35.5	.565	8.3
%RSD	.02625	.21927	.61541	1.6225	.20920

#1	4141.8	44181.	5749.5	34.869	3979.3
#2	4143.5	44361.	5809.9	35.343	3994.9
#3	4141.4	44333.	5747.5	34.218	3982.1

Sample Name: K1933-04 Acquired: 3/18/2019 14:02:44 Type: Unk
Method: P4-ICP2(v2954) 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	.03183	-.01314	.39840	-.00765	-.00248	153.32	.23718
Stddev	.00319	.00265	.00264	.00184	.00043	.14	.00439
%RSD	10.023	20.176	.66316	24.001	17.396	.08953	1.8528

#1	.03539	-.01133	.39668	-.00936	-.00240	153.30	.23213
#2	.03088	-.01191	.39708	-.00788	-.00210	153.47	.24011
#3	.02922	-.01618	.40144	-.00571	-.00295	153.19	.23930

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00153	-.00302	8.7974	.16015	.01667	.11761	108.43
Stddev	.00003	.00004	.0569	.00154	.00006	.00023	.66
%RSD	1.9196	1.4236	.64631	.96113	.34070	.19721	.60970

#1	.00154	-.00306	8.8525	.15840	.01668	.11743	108.44
#2	.00149	-.00300	8.7389	.16129	.01660	.11787	109.09
#3	.00154	-.00298	8.8007	.16077	.01671	.11752	107.77

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23294	2.9204	.03316	-.00550	.44880	.24143	.46279
Stddev	.00029	.0474	.00043	.00035	.00314	.00106	.00229
%RSD	.12369	1.6244	1.2941	6.4303	.69964	.44063	.49442

#1	.23267	2.8712	.03337	-.00567	.45012	.24249	.46177
#2	.23290	2.9241	.03345	-.00509	.45105	.24145	.46119
#3	.23324	2.9659	.03267	-.00574	.44521	.24036	.46542

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5669	.00485	-.04943	6.3133	5.6573	.02004	.70480
Stddev	.0407	.00039	.00739	.0377	.0464	.00022	.00693
%RSD	1.5863	8.0875	14.950	.59728	.82005	1.0831	.98288

#1	2.5941	.00529	-.05627	6.3227	5.6039	.02002	.71221
#2	2.5865	.00455	-.04160	6.2717	5.6880	.01983	.69849
#3	2.5201	.00470	-.05043	6.3453	5.6799	.02026	.70372

Sample Name: K1933-04 Acquired: 3/18/2019 14:02:44 Type: Unk
Method: P4-ICP2(v2954) 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	.03222	1.879	-.06833	.04262	F<.00000
Stddev	.00218	.005	.00095	.14779	4.5576
%RSD	6.7700	.2651	1.3856	346.75	1.1265

#1	.03146	1.877	-.06847	.12204	-399.36
#2	.03052	1.875	-.06920	-.12790	-406.79
#3	.03468	1.885	-.06733	.13372	-407.64

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4137.1	43693.	5809.7	33.978	3963.2
Stddev	5.2	150.	15.3	.966	4.8
%RSD	.12674	.34281	.26382	2.8429	.12180

#1	4133.0	43793.	5805.0	34.914	3959.1
#2	4135.3	43521.	5797.3	34.035	3961.9
#3	4143.0	43764.	5826.8	32.984	3968.5

Sample Name: K1933-04DUP Acquired: 3/18/2019 14:07:16 Type: Unk
Method: P4-ICP2(v2954) 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	.03300	-.01443	.39968	-.00398	-.00469	152.94	.23559
Stddev	.00325	.00149	.00238	.00339	.00059	.75	.00212
%RSD	9.8519	10.332	.59472	85.110	12.544	.49090	.90124

#1	.02925	-.01558	.39860	-.00055	-.00455	152.39	.23450
#2	.03490	-.01275	.39803	-.00407	-.00534	152.62	.23803
#3	.03485	-.01498	.40240	-.00732	-.00419	153.79	.23423

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00129	-.00301	8.6695	.16091	.01659	.11470	107.96
Stddev	.00022	.00002	.0310	.00054	.00020	.00117	.30
%RSD	16.945	.72257	.35757	.33707	1.2158	1.0176	.27459

#1	.00139	-.00303	8.7053	.16034	.01682	.11366	108.27
#2	.00144	-.00299	8.6501	.16142	.01644	.11597	107.68
#3	.00104	-.00301	8.6531	.16098	.01651	.11448	107.93

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23122	2.8968	.03310	-.00505	.39768	.23927	.45604
Stddev	.00031	.0298	.00068	.00003	.00859	.00139	.00056
%RSD	.13280	1.0280	2.0467	.52208	2.1595	.58031	.12175

#1	.23089	2.8626	.03260	-.00503	.38791	.23952	.45549
#2	.23150	2.9173	.03387	-.00505	.40111	.24051	.45660
#3	.23127	2.9105	.03283	-.00508	.40403	.23777	.45605

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5616	.00482	-.04681	6.2797	5.4882	.02062	.69293
Stddev	.0461	.00026	.00732	.0188	.0290	.00078	.00140
%RSD	1.7979	5.3069	15.627	.29886	.52754	3.7729	.20212

#1	2.5984	.00455	-.05108	6.2907	5.5026	.01995	.69152
#2	2.5099	.00485	-.05099	6.2904	5.4548	.02043	.69296
#3	2.5763	.00506	-.03837	6.2580	5.5070	.02147	.69432

Sample Name: K1933-04DUP Acquired: 3/18/2019 14:07:16 Type: Unk
 Method: P4-ICP2(v2954) 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	.03201	1.887	-.06818	<.00000	F<.00000
Stddev	.00183	.003	.00042	.27114	.84212
%RSD	5.7057	.1325	.61437	445.88	.20809

#1	.03006	1.885	-.06864	-.28029	-404.94
#2	.03228	1.887	-.06783	-.14442	-405.37
#3	.03368	1.890	-.06807	.24228	-403.74

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4136.8	43746.	5817.0	35.926	3959.5
Stddev	9.2	146.	10.3	.342	7.3
%RSD	.22222	.33468	.17763	.95273	.18510

#1	4140.4	43907.	5805.4	36.005	3965.7
#2	4143.6	43710.	5820.2	35.551	3961.3
#3	4126.3	43621.	5825.3	36.222	3951.4

Sample Name: K1933-04LX5 Acquired: 3/18/2019 14:11:49 Type: Unk
Method: P4-ICP2(v2954) 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	.00671	-.00209	.08186	-.00164	-.00298	28.162	.03204
Stddev	.00047	.00076	.00011	.00268	.00075	.060	.00170
%RSD	6.9552	36.095	.12835	163.62	25.143	.21293	5.3135

#1	.00681	-.00123	.08191	-.00393	-.00215	28.229	.03401
#2	.00621	-.00261	.08174	-.00229	-.00361	28.145	.03100
#3	.00712	-.00244	.08192	.00131	-.00320	28.113	.03111

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	-.00086	1.6637	.03047	.00315	.02251	22.615
Stddev	.00009	.00005	.0228	.00043	.00011	.00048	.098
%RSD	69.221	5.4658	1.3710	1.4191	3.3923	2.1438	.43455

#1	.00023	-.00081	1.6723	.02998	.00319	.02299	22.514
#2	.00006	-.00090	1.6809	.03077	.00323	.02252	22.710
#3	.00009	-.00088	1.6378	.03067	.00303	.02202	22.620

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04449	.54003	.00618	-.00077	.13736	.04494	.08419
Stddev	.00026	.06167	.00040	.00021	.01541	.00039	.00031
%RSD	.57380	11.420	6.3918	27.555	11.216	.86119	.36581

#1	.04432	.60943	.00661	-.00101	.13116	.04523	.08422
#2	.04479	.51915	.00610	-.00071	.15490	.04508	.08448
#3	.04438	.49152	.00584	-.00059	.12602	.04450	.08387

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.70423	.00094	-.01367	1.1353	1.1424	.00177	.13380
Stddev	.03002	.00015	.00530	.0112	.0049	.00107	.00167
%RSD	4.2622	15.655	38.756	.98947	.42512	60.576	1.2459

#1	.67343	.00109	-.01706	1.1338	1.1454	.00247	.13547
#2	.70585	.00093	-.01638	1.1472	1.1451	.00229	.13379
#3	.73339	.00080	-.00757	1.1249	1.1368	.00054	.13213

Sample Name: K1933-04LX5 Acquired: 3/18/2019 14:11:49 Type: Unk
 Method: P4-ICP2(v2954) 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	.00287	.3455	-.01511	.98548	F<.00000
Stddev	.00211	.0021	.00019	.22125	.05722
%RSD	73.372	.6109	1.2675	22.451	.07848

#1	.00053	.3434	-.01490	1.1124	-72.916
#2	.00345	.3476	-.01528	.73001	-72.854
#3	.00462	.3456	-.01514	1.1141	-72.969

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4105.7	43841.	5594.1	33.658	4104.6
Stddev	1.1	112.	19.7	1.996	5.6
%RSD	.02671	.25612	.35226	5.9307	.13609

#1	4106.7	43720.	5616.4	31.408	4108.8
#2	4104.6	43942.	5579.2	35.217	4106.8
#3	4106.0	43862.	5586.6	34.350	4098.2

Sample Name: K1933-04MS Acquired: 3/18/2019 14:16:11 Type: Unk
Method: P4-ICP2(v2954) 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	.82063	2.0598	1.4261	1.9875	.20492	189.72	.45974
Stddev	.00377	.0051	.0046	.0029	.00283	.73	.00867
%RSD	.45969	.24616	.32061	.14571	1.3804	.38418	1.8862

#1	.82444	2.0608	1.4292	1.9873	.20166	189.01	.46858
#2	.82056	2.0642	1.4208	1.9848	.20675	190.47	.45938
#3	.81690	2.0542	1.4282	1.9906	.20635	189.68	.45125

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21313	.19952	9.9736	.60798	.22830	.44161	113.90
Stddev	.00060	.00009	.0599	.00102	.00009	.00104	.64
%RSD	.27933	.04634	.60071	.16732	.03878	.23538	.56596

#1	.21285	.19962	10.041	.60912	.22831	.44127	114.63
#2	.21381	.19945	9.9548	.60718	.22839	.44278	113.65
#3	.21272	.19947	9.9253	.60764	.22821	.44079	113.41

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.46840	5.4901	.56103	.07171	3.5110	.54828	.69379
Stddev	.00087	.0195	.00021	.00027	.0268	.00059	.00063
%RSD	.18477	.35508	.03794	.37556	.76246	.10842	.09095

#1	.46750	5.5005	.56115	.07194	3.5361	.54889	.69443
#2	.46923	5.5021	.56079	.07142	3.4829	.54770	.69317
#3	.46848	5.4676	.56116	.07178	3.5140	.54825	.69376

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.170	.37955	.18503	5.6594	5.9170	.66364	.81087
Stddev	.057	.00092	.00615	.0265	.0362	.00227	.00067
%RSD	.42928	.24275	3.3240	.46746	.61224	.34211	.08289

#1	13.232	.37889	.17982	5.6862	5.9443	.66617	.81056
#2	13.121	.38061	.18345	5.6588	5.8759	.66177	.81164
#3	13.156	.37917	.19182	5.6333	5.9308	.66299	.81040

Sample Name: K1933-04MS Acquired: 3/18/2019 14:16:11 Type: Unk
Method: P4-ICP2(v2954) 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	.26037	7.701	.13776	1.0930	F<.00000
Stddev	.00136	.008	.00112	.0672	2.7328
%RSD	.52424	.1045	.81623	6.1469	.64087

#1	.25935	7.704	.13901	1.0732	-424.96
#2	.26192	7.692	.13682	1.1678	-424.74
#3	.25985	7.707	.13746	1.0379	-429.58

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4085.6	43059.	5614.7	33.252	3872.2
Stddev	14.3	49.	42.9	1.769	6.6
%RSD	.34911	.11303	.76368	5.3184	.17075

#1	4090.7	43060.	5565.7	32.348	3866.4
#2	4069.5	43011.	5645.3	32.118	3870.7
#3	4096.6	43108.	5633.0	35.290	3879.4

Sample Name: CCV02 Acquired: 3/18/2019 14:20:32 Type: Unk
Method: P4-ICP2(v2954) 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	5.1980	5.1263	5.1138	5.2273	5.2258	10.408	10.167	.25800
Stddev	.0156	.0067	.0017	.0059	.0227	.058	.091	.00080
%RSD	.30057	.13142	.03289	.11259	.43341	.56105	.89265	.30938
#1	5.2061	5.1189	5.1156	5.2232	5.2498	10.417	10.259	.25752
#2	5.2079	5.1320	5.1135	5.2246	5.2227	10.346	10.165	.25892
#3	5.1800	5.1281	5.1123	5.2340	5.2048	10.461	10.077	.25755
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5451	25.477	1.0267	2.5570	1.2941	5.0561	2.5790	25.395
Stddev	.0012	.091	.0033	.0001	.0010	.0727	.0040	.045
%RSD	.04552	.35849	.32321	.00470	.07502	1.4379	.15371	.17645
#1	2.5453	25.581	1.0297	2.5571	1.2949	5.1124	2.5830	25.433
#2	2.5439	25.409	1.0271	2.5569	1.2930	5.0818	2.5789	25.405
#3	2.5462	25.442	1.0231	2.5569	1.2943	4.9740	2.5750	25.345
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5273	1.3009	25.126	2.5046	2.5646	25.306	5.1383	5.0063
Stddev	.0032	.0044	.277	.0024	.0033	.242	.0014	.0134
%RSD	.12510	.33902	1.1039	.09715	.12914	.95479	.02713	.26851
#1	2.5290	1.3042	25.430	2.5066	2.5680	25.559	5.1381	5.0115
#2	2.5237	1.3025	25.064	2.5019	2.5613	25.280	5.1398	4.9911
#3	2.5293	1.2959	24.885	2.5054	2.5644	25.078	5.1370	5.0165
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0389	5.0395	4.9898	5.1756	5.0533	5.072	5.1480	F 3.1891
Stddev	.0323	.0715	.0123	.0132	.0508	.006	.0442	.2336
%RSD	.64104	1.4180	.24729	.25492	1.0061	.1102	.85769	7.3261
#1	5.0757	5.0961	4.9759	5.1904	5.1062	5.077	5.1942	3.3875
#2	5.0259	5.0632	4.9944	5.1712	5.0489	5.066	5.1435	3.2482
#3	5.0152	4.9592	4.9993	5.1652	5.0048	5.073	5.1062	2.9316

Sample Name: CCV02 Acquired: 3/18/2019 14:20:32 Type: Unk
 Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 1.8615
 Stddev .4209
 %RSD 22.614

#1 1.5809
 #2 2.3455
 #3 1.6580

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3936.2	41947.	5482.0	31.458	3750.8
Stddev	9.2	137.	72.6	.523	2.9
%RSD	.23375	.32683	1.3247	1.6638	.07862

#1	3935.4	41815.	5424.9	31.009	3750.6
#2	3927.5	41936.	5457.4	32.033	3748.0
#3	3945.8	42089.	5563.7	31.333	3753.8

Sample Name: CCB02 Acquired: 3/18/2019 14:24:31 Type: Unk
Method: P4-ICP2(v2954) 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	-.00028	.00133	F .00631	.00020	-.00109	-.03091	-.01309
Stddev	.00191	.00104	.00103	.00300	.00202	.00419	.00137
%RSD	686.74	78.297	16.353	1474.3	185.87	13.547	10.482

#1	.00168	.00030	.00743	.00154	.00066	-.02654	-.01310
#2	-.00212	.00131	.00611	.00230	-.00062	-.03488	-.01446
#3	-.00039	.00237	.00540	-.00323	-.00330	-.03133	-.01172

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	-.00002	-.00463	.00046	.00022	-.00034	-.00182
Stddev	.00003	.00006	.00985	.00015	.00020	.00019	.00060
%RSD	29.165	419.74	212.74	32.344	89.946	57.183	32.680

#1	.00010	.00001	-.01469	.00039	.00010	-.00051	-.00229
#2	.00006	-.00009	-.00421	.00036	.00046	-.00013	-.00203
#3	.00011	.00003	.00501	.00063	.00011	-.00037	-.00115

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	.00022	.00054	.00002	-.00633	-.00008	.00019
Stddev	.00004	.04492	.00006	.00021	.00386	.00040	.00006
%RSD	1492.3	20570.	11.606	979.45	60.971	479.72	30.969

#1	-.00004	-.02874	.00049	.00023	-.00675	-.00052	.00020
#2	.00004	-.02257	.00061	-.00019	-.00995	.00028	.00013
#3	-.00002	.05196	.00051	.00002	-.00227	-.00002	.00025

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15670	-.00002	-.00198	F -.02181	.00122	-.00116	-.00030
Stddev	.02730	.00007	.00567	.00890	.00218	.00040	.00223
%RSD	17.423	390.20	287.20	40.796	178.59	34.286	752.32

#1	.18817	-.00004	.00458	-.03192	.00232	-.00148	-.00249
#2	.13946	.00006	-.00537	-.01516	.00263	-.00130	-.00038
#3	.14245	-.00008	-.00513	-.01835	-.00129	-.00072	.00198

Sample Name: CCB02 Acquired: 3/18/2019 14:24:31 Type: Unk
 Method: P4-ICP2(v2954) 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	-.00161	.0014	.00003	F .54088	F<.00000
Stddev	.00123	.0020	.00011	.01263	1.6871
%RSD	76.417	144.8	353.75	2.3356	707.51
#1	-.00263	.0037	.00014	.55519	-2.1861
#2	-.00195	.0003	-.00008	.53621	.77048
#3	-.00025	.0002	.00003	.53125	.70025
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4083.3	44037.	5508.4	33.956	4172.4
Stddev	13.3	9.	39.1	1.590	5.0
%RSD	.32678	.02032	.70988	4.6826	.11969
#1	4093.1	44031.	5469.2	32.483	4174.0
#2	4068.1	44047.	5547.4	35.642	4166.8
#3	4088.7	44033.	5508.7	33.742	4176.4

Sample Name: K1933-04MSD Acquired: 3/18/2019 14:28:59 Type: Unk
Method: P4-ICP2(v2954) 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	.82857	2.0538	1.4264	1.9798	.20815	190.28	.46004
Stddev	.00079	.0034	.0049	.0009	.00479	1.00	.00565
%RSD	.09562	.16676	.34217	.04451	2.3018	.52521	1.2292

#1	.82899	2.0523	1.4228	1.9804	.20397	189.14	.46486
#2	.82906	2.0513	1.4244	1.9788	.20710	190.71	.46145
#3	.82766	2.0577	1.4320	1.9803	.21338	191.00	.45381

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21283	.19876	9.9768	.60248	.22802	.43982	113.13
Stddev	.00046	.00052	.0414	.00270	.00071	.00048	.35
%RSD	.21584	.26179	.41519	.44802	.31117	.10873	.30937

#1	.21255	.19928	9.9467	.59937	.22771	.43967	113.50
#2	.21336	.19824	10.024	.60389	.22753	.44035	113.09
#3	.21258	.19876	9.9597	.60419	.22884	.43943	112.80

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.46671	5.6113	.55776	.07131	3.4824	.54622	.69510
Stddev	.00115	.0529	.00137	.00082	.0241	.00375	.00249
%RSD	.24558	.94266	.24557	1.1549	.69277	.68737	.35838

#1	.46539	5.5624	.55646	.07208	3.5060	.54450	.69504
#2	.46733	5.6674	.55763	.07140	3.4836	.55052	.69264
#3	.46741	5.6041	.55919	.07044	3.4578	.54363	.69762

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.155	.37872	.18392	5.6510	5.9413	.66030	.81004
Stddev	.084	.00014	.00829	.0558	.1081	.00216	.00550
%RSD	.64224	.03793	4.5077	.98768	1.8188	.32652	.67907

#1	13.244	.37868	.17724	5.6047	6.0246	.65784	.81118
#2	13.144	.37860	.19320	5.6352	5.9800	.66187	.81488
#3	13.077	.37887	.18133	5.7130	5.8192	.66119	.80406

Sample Name: K1933-04MSD Acquired: 3/18/2019 14:28:59 Type: Unk
Method: P4-ICP2(v2954) 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	.25828	7.666	.13787	.95502	F<.00000
Stddev	.00166	.005	.00064	.13795	1.5961
%RSD	.64349	.0633	.46140	14.445	.36564
#1	.25672	7.665	.13857	.80908	-437.70
#2	.26003	7.662	.13771	1.0833	-434.70
#3	.25810	7.671	.13732	.97273	-437.14
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4070.1	43114.	5627.2	34.729	3871.4
Stddev	8.6	177.	35.3	.971	8.4
%RSD	.21174	.41067	.62742	2.7966	.21795
#1	4060.9	43314.	5605.3	34.020	3866.3
#2	4077.9	42979.	5608.3	35.836	3881.1
#3	4071.4	43048.	5667.9	34.330	3866.7

Sample Name: K1933-04A Acquired: 3/18/2019 14:44:27 Type: Unk
Method: P4-ICP2(v2954) 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	.82130	2.0418	1.4207	1.9783	.20548	188.76	.44763
Stddev	.00612	.0129	.0057	.0203	.00390	1.10	.00115
%RSD	.74460	.63363	.39999	1.0263	1.8962	.58390	.25690

#1	.82010	2.0324	1.4193	1.9716	.20226	187.75	.44896
#2	.81586	2.0366	1.4157	1.9621	.20436	188.59	.44707
#3	.82792	2.0566	1.4269	2.0011	.20981	189.94	.44687

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21054	.19774	9.8681	.59736	.22693	.43799	112.69
Stddev	.00002	.00151	.0302	.00224	.00074	.00402	.96
%RSD	.00876	.76543	.30600	.37491	.32454	.91844	.85507

#1	.21052	.19758	9.8695	.59962	.22660	.43609	113.73
#2	.21056	.19631	9.8976	.59514	.22642	.43528	112.53
#3	.21053	.19933	9.8373	.59730	.22778	.44261	111.82

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.46103	5.4072	.55247	.07161	3.4471	.53943	.68678
Stddev	.00051	.0749	.00357	.00066	.0164	.00026	.00352
%RSD	.11088	1.3851	.64593	.91773	.47596	.04867	.51264

#1	.46053	5.4759	.55248	.07208	3.4341	.53973	.68448
#2	.46155	5.3274	.54890	.07190	3.4417	.53932	.68502
#3	.46101	5.4184	.55604	.07086	3.4656	.53924	.69083

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.005	.37798	.18776	5.6632	5.8017	.65345	.80065
Stddev	.049	.00140	.00407	.0650	.0329	.00317	.00433
%RSD	.37783	.37084	2.1702	1.1484	.56683	.48522	.54087

#1	13.056	.37748	.18921	5.5942	5.8188	.65244	.80293
#2	12.958	.37690	.19092	5.6720	5.8224	.65091	.79566
#3	13.002	.37957	.18316	5.7233	5.7638	.65700	.80337

Sample Name: K1933-04A Acquired: 3/18/2019 14:44:27 Type: Unk
 Method: P4-ICP2(v2954) 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	.25888	7.595	.13658	.61433	F<.00000
Stddev	.00373	.064	.00071	.28779	2.2598
%RSD	1.4401	.8380	.51692	46.846	.50803

#1	.26067	7.554	.13720	.89623	-442.25
#2	.25459	7.564	.13673	.32100	-445.68
#3	.26137	7.669	.13581	.62575	-446.52

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4078.6	43312.	5618.8	33.979	3892.3
Stddev	15.9	142.	55.0	.584	7.6
%RSD	.39010	.32842	.97859	1.7175	.19570

#1	4093.5	43205.	5562.7	33.337	3898.0
#2	4080.5	43474.	5621.0	34.476	3895.4
#3	4061.8	43259.	5672.6	34.124	3883.7

Sample Name: PB118007BL Acquired: 3/18/2019 14:48:48 Type: Unk
Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00042	.00089	F .00486	.00060	-.00060	-.00312	-.01296	.00002
Stddev	.00107	.00120	.00014	.00283	.00169	.01418	.00279	.00002
%RSD	253.37	134.41	2.9230	474.67	280.12	454.64	21.544	100.04
#1	.00135	.00176	.00501	.00003	-.00171	-.01840	-.01590	-.00000
#2	.00067	.00139	.00474	-.00191	-.00143	-.00055	-.01033	.00002
#3	-.00075	-.00048	.00482	.00366	.00134	.00960	-.01266	.00003
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	-.00121	.00010	.00005	.00013	-.00194	-.00002	.02791
Stddev	.00008	.01084	.00011	.00004	.00062	.00025	.00004	.04409
%RSD	64.254	896.90	108.29	88.974	463.53	13.053	202.26	157.98
#1	-.00005	-.00344	-.00002	.00006	-.00038	-.00222	-.00005	.03549
#2	-.00011	-.01076	.00012	.00008	.00083	-.00189	-.00001	.06771
#3	-.00021	.01057	.00020	-.00000	-.00005	-.00172	.00002	-.01948
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00075	-.00025	-.03502	.00029	.00030	.21208	.00006	-.00685
Stddev	.00025	.00024	.00785	.00015	.00004	.04958	.00047	.00041
%RSD	34.058	98.092	22.430	52.535	14.082	23.377	818.87	5.9954
#1	.00047	-.00052	-.04307	.00015	.00030	.15929	-.00030	-.00724
#2	.00082	-.00011	-.02737	.00026	.00034	.25765	.00058	-.00642
#3	.00096	-.00011	-.03461	.00045	.00025	.21930	-.00011	-.00691
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00867	.00441	-.00187	-.00112	-.00247	.0016	.00009	F .39483
Stddev	.00867	.00328	.00066	.00294	.00079	.0010	.00007	.39915
%RSD	100.05	74.218	35.173	262.78	31.873	59.34	77.823	101.09
#1	.00132	.00112	-.00243	-.00356	-.00313	.0013	.00001	.40096
#2	-.01299	.00767	-.00201	.00215	-.00160	.0009	.00012	.79089
#3	-.01433	.00445	-.00115	-.00195	-.00268	.0027	.00013	-.00735

Sample Name: PB118007BL Acquired: 3/18/2019 14:48:48 Type: Unk
Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .86852
Stddev	.62204
%RSD	71.620

#1	.86095
#2	1.4943
#3	.25031

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4084.7	44073.	5510.9	34.339	4183.9
Stddev	10.3	144.	2.1	1.144	8.7
%RSD	.25311	.32644	.03810	3.3326	.20824

#1	4072.9	44170.	5511.5	33.992	4173.8
#2	4088.8	43908.	5512.6	35.617	4189.4
#3	4092.3	44141.	5508.5	33.408	4188.4

Sample Name: K1954-01 Acquired: 3/18/2019 14:57:20 Type: Unk
Method: P4-ICP2(v2954) 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	-.00086	-.00555	.80123	.00105	-.00176	.03288	.33987	.00004
Stddev	.00328	.00113	.00380	.00118	.00123	.00143	.00146	.00002
%RSD	381.76	20.349	.47440	113.30	69.562	4.3550	.42957	47.699

#1	-.00445	-.00532	.80417	.00220	-.00254	.03125	.33938	.00006
#2	-.00012	-.00678	.80258	-.00017	-.00035	.03391	.33872	.00003
#3	.00199	-.00456	.79694	.00111	-.00240	.03348	.34152	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00883	48.514	.00096	.00782	.12111	-.00524	.54297	3.9388
Stddev	.00015	.434	.00032	.00003	.00026	.00034	.00148	.0231
%RSD	1.7404	.89492	33.494	.35547	.21359	6.4281	.27223	.58549

#1	.00884	49.009	.00126	.00784	.12092	-.00523	.54437	3.9351
#2	.00898	48.199	.00062	.00779	.12101	-.00559	.54312	3.9179
#3	.00867	48.333	.00101	.00782	.12141	-.00491	.54143	3.9636

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01068	-.00013	276.34	-.00149	.96399	3.8439	.00019	.02343
Stddev	.00054	.00018	5.17	.00053	.00179	.0140	.00026	.00628
%RSD	5.0651	132.28	1.8700	35.598	.18574	.36435	131.97	26.786

#1	.01128	-.00034	281.60	-.00168	.96202	3.8416	-.00010	.03011
#2	.01025	-.00003	271.27	-.00189	.96551	3.8313	.00032	.02254
#3	.01050	-.00003	276.15	-.00089	.96445	3.8590	.00036	.01765

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4039	2.4760	-.00140	-.00091	.00799	.0006	.21357	3.7096
Stddev	.0240	.0243	.00090	.00086	.00017	.0008	.00038	.1181
%RSD	1.7099	.98142	64.721	95.134	2.1877	127.8	.17969	3.1848

#1	1.4317	2.5009	-.00237	-.00096	.00790	.0015	.21361	3.6924
#2	1.3897	2.4748	-.00058	-.00175	.00788	.0003	.21317	3.6010
#3	1.3904	2.4523	-.00124	-.00002	.00819	.0000	.21393	3.8354

Sample Name: K1954-01 Acquired: 3/18/2019 14:57:20 Type: Unk
 Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 12.886
 Stddev 1.785
 %RSD 13.851

#1 10.826
 #2 13.868
 #3 13.964

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3815.1	40544.	5523.4	34.411	3662.8
Stddev	12.2	136.	60.3	.503	9.5
%RSD	.32010	.33498	1.0924	1.4610	.26050

#1	3801.0	40408.	5453.8	34.435	3654.8
#2	3821.0	40544.	5561.3	34.901	3660.3
#3	3823.1	40679.	5555.1	33.896	3673.4

Sample Name: K1954-02 Acquired: 3/18/2019 15:01:50 Type: Unk
Method: P4-ICP2(v2954) 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	-.00055	-.00347	.00273	.00171	-.00121	.03051	.26053	-.00001
Stddev	.00266	.00120	.00083	.00243	.00084	.01719	.00427	.00005
%RSD	483.38	34.611	30.596	142.25	68.938	56.338	1.6392	369.61

#1	-.00033	-.00215	.00251	.00355	-.00031	.04623	.25707	-.00005
#2	.00199	-.00377	.00365	-.00105	-.00136	.03315	.25922	-.00002
#3	-.00331	-.00449	.00202	.00263	-.00196	.01215	.26530	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00033	9.6686	.00111	-.00019	.00085	-.00230	.01597	.63207
Stddev	.00005	.1421	.00075	.00015	.00050	.00095	.00011	.05313
%RSD	14.158	1.4701	67.393	80.848	59.063	41.390	.67193	8.4052

#1	.00031	9.5097	.00078	-.00029	.00041	-.00288	.01585	.62339
#2	.00029	9.7835	.00196	-.00026	.00140	-.00281	.01599	.58382
#3	.00038	9.7128	.00058	-.00001	.00075	-.00120	.01606	.68900

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00095	.00008	282.95	-.00014	.13039	1.7615	.00030	.03789
Stddev	.00009	.00026	3.65	.00019	.00060	.0793	.00007	.00740
%RSD	9.7733	312.42	1.2884	132.09	.46141	4.5010	23.572	19.526

#1	.00087	-.00012	282.25	.00006	.13008	1.6803	.00022	.03980
#2	.00092	.00037	279.71	-.00031	.13108	1.8388	.00035	.04414
#3	.00105	.00000	286.90	-.00017	.13000	1.7654	.00034	.02972

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.44606	.65662	-.00148	.00072	.00349	.0037	.05934	3.1677
Stddev	.00552	.00846	.00064	.00154	.00061	.0008	.00064	.3667
%RSD	1.2367	1.2881	42.982	214.52	17.448	22.11	1.0853	11.577

#1	.44819	.64807	-.00075	-.00090	.00295	.0028	.05860	3.5329
#2	.43980	.66499	-.00181	.00216	.00415	.0044	.05974	2.7995
#3	.45020	.65681	-.00189	.00089	.00338	.0040	.05969	3.1707

Sample Name: K1954-02 Acquired: 3/18/2019 15:01:50 Type: Unk
 Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 9.1655
 Stddev .4696
 %RSD 5.1236

#1 8.6866
 #2 9.6252
 #3 9.1847

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3850.0	40924.	5530.4	34.369	3717.9
Stddev	7.3	186.	34.0	1.107	3.3
%RSD	.18853	.45414	.61564	3.2196	.08855

#1	3856.0	40724.	5568.0	35.633	3721.6
#2	3852.1	41092.	5501.7	33.575	3715.7
#3	3842.0	40956.	5521.4	33.900	3716.2

Sample Name: PB118007TB Acquired: 3/18/2019 15:06:22 Type: Unk
Method: P4-ICP2(v2954) 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	-.00072	-.00267	.00095	.00118	-.00057	-.00795	-.01716
Stddev	.00158	.00061	.00031	.00296	.00099	.00741	.00086
%RSD	220.35	22.965	32.910	251.57	174.97	93.210	4.9843

#1	-.00115	-.00269	.00120	.00288	-.00167	-.00353	-.01800
#2	.00103	-.00204	.00060	-.00224	.00025	-.00382	-.01629
#3	-.00203	-.00327	.00104	.00289	-.00028	-.01651	-.01718

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	-.00009	.00385	.00117	-.00017	-.00014	-.00247
Stddev	.00007	.00006	.00908	.00034	.00008	.00014	.00067
%RSD	154.22	66.577	235.66	29.017	45.659	98.153	27.160

#1	.00000	-.00004	.00638	.00153	-.00014	.00002	-.00271
#2	.00012	-.00015	.01139	.00112	-.00011	-.00024	-.00300
#3	.00001	-.00007	-.00622	.00086	-.00026	-.00021	-.00172

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.05375	.00250	.00202	F 288.79	.00040	.00005
Stddev	.00005	.00590	.00004	.00051	.98	.00041	.00004
%RSD	183.53	10.978	1.7217	24.974	.33956	102.96	79.745

#1	-.00001	-.04883	.00245	.00165	289.86	.00025	.00007
#2	.00000	-.06030	.00254	.00260	288.58	.00008	.00000
#3	.00009	-.05213	.00250	.00183	287.93	.00086	.00008

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20892	-.00002	.00100	F -.01617	.00353	-.00210	-.00085
Stddev	.05043	.00013	.00691	.01290	.00156	.00037	.00155
%RSD	24.138	750.50	690.15	79.768	44.134	17.467	183.02

#1	.19640	-.00012	.00314	-.02621	.00280	-.00234	.00019
#2	.16593	.00013	-.00672	-.02070	.00533	-.00227	-.00010
#3	.26443	-.00006	.00659	-.00162	.00248	-.00168	-.00263

Sample Name: PB118007TB Acquired: 3/18/2019 15:06:22 Type: Unk
Method: P4-ICP2(v2954) 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	.00346	.0014	-.00003	3.0572	6.3454
Stddev	.00109	.0011	.00005	.0769	1.3200
%RSD	31.447	79.53	141.70	2.5139	20.802
#1	.00472	.0017	.00002	3.1146	4.8460
#2	.00290	.0024	-.00007	3.0871	7.3319
#3	.00277	.0002	-.00005	2.9699	6.8584
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3853.9	41002.	5496.6	33.372	3713.1
Stddev	4.5	70.	38.4	.911	6.1
%RSD	.11748	.17069	.69929	2.7298	.16329
#1	3855.8	40926.	5453.5	32.958	3708.0
#2	3857.1	41064.	5509.1	32.742	3719.8
#3	3848.7	41016.	5527.2	34.417	3711.3

Sample Name: PB118008BL Acquired: 3/18/2019 15:10:57 Type: Unk
Method: P4-ICP2(v2954) 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	.00153	-.00003	F .00351	-.00125	-.00085	-.00880	-.01361
Stddev	.00288	.00030	.00054	.00268	.00075	.00417	.00255
%RSD	187.51	1042.7	15.368	214.51	88.430	47.378	18.723

#1	.00431	.00023	.00291	.00178	-.00128	-.01359	-.01279
#2	-.00143	.00005	.00395	-.00331	.00002	-.00680	-.01647
#3	.00172	-.00036	.00367	-.00221	-.00129	-.00601	-.01157

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.00006	-.00762	.00039	.00007	.00012	-.00141
Stddev	.00007	.00005	.01553	.00017	.00020	.00011	.00054
%RSD	555.84	79.006	203.91	42.738	280.84	96.648	38.517

#1	-.00007	-.00006	-.02214	.00058	.00018	.00012	-.00122
#2	.00006	-.00002	.00876	.00026	-.00016	.00023	-.00202
#3	.00005	-.00012	-.00947	.00034	.00019	.00000	-.00099

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.03852	-.00025	.00054	.13318	-.00017	-.00000
Stddev	.00001	.03177	.00053	.00021	.01226	.00023	.00003
%RSD	94.907	82.491	210.28	38.863	9.2083	133.09	7383.9

#1	-.00000	-.06944	.00036	.00045	.14722	-.00031	.00003
#2	-.00002	-.04016	-.00049	.00039	.12770	.00009	-.00003
#3	-.00001	-.00596	-.00063	.00078	.12461	-.00031	-.00000

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11115	-.00006	-.01126	F -.02007	-.00033	-.00276	-.00083
Stddev	.01151	.00017	.00602	.00737	.00204	.00038	.00167
%RSD	10.352	291.46	53.455	36.720	608.26	13.853	200.79

#1	.12012	.00014	-.01817	-.02538	-.00137	-.00243	.00056
#2	.09818	-.00019	-.00710	-.01165	-.00165	-.00318	-.00269
#3	.11516	-.00013	-.00852	-.02316	.00201	-.00267	-.00037

Sample Name: PB118008BL Acquired: 3/18/2019 15:10:57 Type: Unk
Method: P4-ICP2(v2954) 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	-.00252	.0011	-.00007	F .55908	F 1.9802
Stddev	.00113	.0013	.00012	.24910	.6396
%RSD	44.680	119.3	180.17	44.556	32.299
#1	-.00333	.0013	.00005	.66869	2.5858
#2	-.00299	.0022	-.00006	.27396	1.3114
#3	-.00123	-.0003	-.00019	.73458	2.0434
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4076.4	43961.	5525.1	35.081	4163.5
Stddev	5.1	193.	13.8	1.999	9.0
%RSD	.12475	.43814	.25004	5.6974	.21563
#1	4072.5	43828.	5516.0	35.867	4167.9
#2	4082.1	44182.	5541.0	36.567	4153.1
#3	4074.5	43873.	5518.4	32.808	4169.4

Sample Name: PB118008BS Acquired: 3/18/2019 15:15:24 Type: Unk
Method: P4-ICP2(v2954) 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	.75074	1.9216	.94361	1.8771	.75839	1.9133	.18306
Stddev	.00202	.0068	.00169	.0031	.00105	.0042	.00376
%RSD	.26910	.35584	.17871	.16285	.13882	.21962	2.0557

#1	.75297	1.9138	.94229	1.8739	.75850	1.9090	.17883
#2	.74903	1.9245	.94551	1.8774	.75728	1.9136	.18433
#3	.75023	1.9265	.94305	1.8799	.75938	1.9174	.18602

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18766	.18165	1.0025	.40354	.19503	.30588	3.1195
Stddev	.00060	.00012	.0172	.00052	.00036	.00098	.0047
%RSD	.31856	.06351	1.7114	.12945	.18404	.32047	.15117

#1	.18832	.18172	.98726	.40393	.19544	.30701	3.1249
#2	.18749	.18173	1.0211	.40376	.19479	.30536	3.1164
#3	.18716	.18152	.99919	.40295	.19485	.30526	3.1172

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20461	1.9515	.47527	.06933	2.8915	.29130	.18483
Stddev	.00065	.0419	.00037	.00042	.0298	.00120	.00030
%RSD	.31595	2.1461	.07788	.59929	1.0314	.41247	.16138

#1	.20433	1.9043	.47491	.06888	2.8574	.29004	.18516
#2	.20415	1.9842	.47526	.06971	2.9038	.29243	.18457
#3	.20535	1.9660	.47565	.06939	2.9131	.29144	.18476

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.8080	.39321	.28320	F -.03622	.92751	.62882	.19592
Stddev	.0789	.00016	.00065	.01441	.00645	.00095	.00457
%RSD	.80455	.03989	.22980	39.777	.69538	.15029	2.3346

#1	9.7394	.39311	.28293	-.03768	.93480	.62829	.19064
#2	9.7903	.39312	.28395	-.02114	.92519	.62991	.19851
#3	9.8943	.39339	.28273	-.04985	.92254	.62826	.19860

Sample Name: PB118008BS Acquired: 3/18/2019 15:15:24 Type: Unk
 Method: P4-ICP2(v2954) 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	.18903	5.025	.19775	F 1.2050	F<.00000
Stddev	.00272	.004	.00120	.0763	.38628
%RSD	1.4364	.0868	.60592	6.3287	1.8311
#1	.18704	5.022	.19637	1.2135	-20.744
#2	.18793	5.030	.19838	1.2766	-21.509
#3	.19212	5.022	.19850	1.1248	-21.032
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4023.8	43824.	5472.4	35.692	4090.1
Stddev	3.3	120.	16.7	2.321	1.5
%RSD	.08249	.27457	.30554	6.5021	.03594
#1	4020.3	43743.	5454.1	33.492	4091.4
#2	4024.1	43766.	5476.3	38.117	4090.4
#3	4026.9	43962.	5486.8	35.467	4088.5

Sample Name: PB118008TB Acquired: 3/18/2019 15:19:29 Type: Unk
Method: P4-ICP2(v2954) 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	.00101	-.00445	.00147	.00271	-.00420	-.00846	-.01677
Stddev	.00151	.00264	.00100	.00278	.00066	.02336	.00155
%RSD	148.45	59.421	67.789	102.39	15.603	276.05	9.2568

#1	.00039	-.00636	.00244	.00367	-.00395	-.00981	-.01851
#2	-.00008	-.00555	.00151	.00489	-.00371	-.03111	-.01627
#3	.00273	-.00143	.00045	-.00042	-.00495	.01554	-.01552

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.00014	.00544	.00153	-.00015	-.00025	-.00052
Stddev	.00011	.00006	.00446	.00027	.00012	.00031	.00130
%RSD	954.53	42.367	82.019	17.735	79.348	123.81	248.44

#1	.00010	-.00018	.00912	.00126	-.00029	-.00060	.00008
#2	-.00011	-.00016	.00048	.00153	-.00007	-.00010	.00037
#3	.00005	-.00007	.00673	.00180	-.00009	-.00004	-.00202

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00131	.01270	.00293	.00235	F 304.57	-.00012	.00034
Stddev	.00004	.01850	.00059	.00010	2.00	.00038	.00010
%RSD	3.0190	145.71	20.161	4.2980	.65707	306.10	29.375

#1	.00133	-.00741	.00349	.00244	306.56	.00031	.00046
#2	.00134	.01651	.00231	.00224	304.59	-.00040	.00026
#3	.00127	.02900	.00298	.00237	302.55	-.00028	.00031

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10320	.00017	-.00967	F -.01111	.00450	-.00162	-.00119
Stddev	.01624	.00011	.01321	.01771	.00264	.00036	.00042
%RSD	15.738	62.061	136.59	159.43	58.583	22.461	34.819

#1	.10571	.00013	-.00854	-.01883	.00278	-.00128	-.00162
#2	.08585	.00009	.00293	.00915	.00754	-.00157	-.00078
#3	.11803	.00029	-.02341	-.02365	.00318	-.00200	-.00118

Sample Name: PB118008TB Acquired: 3/18/2019 15:19:29 Type: Unk
Method: P4-ICP2(v2954) 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	-.00497	.0016	.00005	3.5292	6.2558
Stddev	.00271	.0008	.00004	.2311	.7345
%RSD	54.540	51.31	64.086	6.5478	11.741
#1	-.00316	.0007	.00002	3.6330	6.7088
#2	-.00809	.0019	.00008	3.6902	6.6502
#3	-.00367	.0021	.00007	3.2644	5.4084
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3806.9	40634.	5515.7	32.708	3663.9
Stddev	15.6	150.	5.5	1.217	7.8
%RSD	.40910	.37019	.09998	3.7208	.21412
#1	3791.9	40493.	5509.5	31.742	3655.3
#2	3805.8	40618.	5519.9	34.075	3665.7
#3	3823.0	40793.	5517.7	32.308	3670.7

Sample Name: PB118007BS Acquired: 3/18/2019 15:24:05 Type: Unk
Method: P4-ICP2(v2954) 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	.77067	1.9583	.96186	1.9183	.78163	1.9724	.18953
Stddev	.00103	.0030	.00192	.0024	.00497	.0209	.00532
%RSD	.13325	.15375	.19919	.12429	.63524	1.0595	2.8079

#1	.77092	1.9575	.96019	1.9156	.77590	1.9709	.18598
#2	.76954	1.9616	.96396	1.9198	.78480	1.9939	.19564
#3	.77154	1.9557	.96144	1.9197	.78418	1.9522	.18695

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19158	.18605	1.0378	.41124	.19936	.31332	3.1887
Stddev	.00038	.00011	.0205	.00127	.00065	.00087	.0401
%RSD	.19926	.05689	1.9763	.30788	.32549	.27724	1.2581

#1	.19138	.18599	1.0568	.41240	.19999	.31315	3.1834
#2	.19135	.18599	1.0405	.41141	.19869	.31254	3.2312
#3	.19203	.18617	1.0161	.40989	.19940	.31425	3.1515

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20933	2.0528	.48613	.07050	3.0529	.29848	.18883
Stddev	.00051	.0124	.00043	.00019	.0360	.00088	.00010
%RSD	.24167	.60215	.08825	.26629	1.1803	.29398	.05087

#1	.20875	2.0453	.48655	.07028	3.0498	.29751	.18886
#2	.20960	2.0671	.48615	.07059	3.0904	.29872	.18872
#3	.20964	2.0461	.48569	.07062	3.0185	.29922	.18890

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.167	.40401	.29190	F -.03173	.94556	.64457	.20359
Stddev	.150	.00048	.00542	.00967	.00533	.00273	.00514
%RSD	1.4773	.11874	1.8562	30.478	.56393	.42318	2.5254

#1	10.072	.40430	.29810	-.02784	.93940	.64489	.19905
#2	10.340	.40346	.28812	-.02461	.94858	.64713	.20917
#3	10.089	.40427	.28947	-.04274	.94869	.64170	.20255

Sample Name: PB118007BS Acquired: 3/18/2019 15:24:05 Type: Unk
Method: P4-ICP2(v2954) 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	.19822	5.154	.20338	F 1.2478	F<.00000
Stddev	.00182	.009	.00285	.4010	.59091
%RSD	.91982	.1809	1.3989	32.139	2.8665
#1	.19625	5.149	.20252	1.4261	-20.582
#2	.19858	5.165	.20656	1.5287	-21.221
#3	.19984	5.148	.20106	.78853	-20.040
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4005.9	43617.	5452.7	35.286	4076.2
Stddev	3.8	191.	60.9	1.870	5.9
%RSD	.09458	.43813	1.1167	5.2985	.14535
#1	4005.6	43670.	5465.6	36.625	4070.2
#2	4009.8	43405.	5386.3	33.150	4076.3
#3	4002.2	43776.	5506.0	36.083	4082.0

Sample Name: CCV03 Acquired: 3/18/2019 15:28:11 Type: Unk
Method: P4-ICP2(v2954) 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	5.2641	5.1730	5.1988	5.2528	5.2791	10.453	10.077	.26169
Stddev	.0008	.0175	.0062	.0085	.0070	.035	.061	.00035
%RSD	.01606	.33819	.11892	.16219	.13356	.33436	.60680	.13506
#1	5.2638	5.1866	5.2059	5.2462	5.2833	10.416	10.065	.26210
#2	5.2651	5.1533	5.1961	5.2498	5.2709	10.458	10.023	.26146
#3	5.2635	5.1791	5.1944	5.2624	5.2830	10.485	10.144	.26152
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5631	25.385	1.0368	2.5905	1.3039	5.0991	2.6117	25.314
Stddev	.0018	.089	.0033	.0016	.0019	.0386	.0052	.097
%RSD	.06893	.35160	.31842	.06321	.14596	.75782	.19992	.38426
#1	2.5651	25.291	1.0392	2.5891	1.3025	5.1338	2.6164	25.202
#2	2.5616	25.469	1.0330	2.5923	1.3031	5.0574	2.6061	25.369
#3	2.5626	25.396	1.0381	2.5900	1.3060	5.1060	2.6127	25.372
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5324	1.3162	24.782	2.4970	2.6053	25.223	5.1330	4.9535
Stddev	.0007	.0051	.152	.0089	.0009	.113	.0060	.0412
%RSD	.02908	.38592	.61361	.35506	.03408	.44969	.11767	.83151
#1	2.5316	1.3184	24.752	2.5071	2.6057	25.107	5.1291	4.9414
#2	2.5327	1.3104	24.647	2.4906	2.6059	25.228	5.1300	4.9196
#3	2.5330	1.3198	24.947	2.4933	2.6043	25.334	5.1400	4.9993
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0652	5.0667	4.9757	5.2021	5.0551	5.109	5.1684	F 3.6227
Stddev	.0240	.0355	.0043	.0176	.0181	.007	.0167	.1540
%RSD	.47301	.70117	.08590	.33756	.35728	.1365	.32336	4.2505
#1	5.0540	5.0986	4.9708	5.1852	5.0544	5.107	5.1653	3.6155
#2	5.0927	5.0284	4.9787	5.2009	5.0374	5.103	5.1535	3.4725
#3	5.0489	5.0730	4.9777	5.2203	5.0735	5.117	5.1865	3.7802

Sample Name: CCV03 Acquired: 3/18/2019 15:28:11 Type: Unk
 Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 2.8834
Stddev	.7638
%RSD	26.490

#1	2.4944
#2	2.3924
#3	3.7634

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3881.4	41311.	5432.0	32.656	3709.4
Stddev	.7	202.	39.5	1.432	5.4
%RSD	.01914	.48924	.72640	4.3843	.14615

#1	3880.9	41171.	5396.9	33.598	3703.8
#2	3882.3	41543.	5474.7	31.009	3710.0
#3	3881.2	41219.	5424.4	33.362	3714.6

Sample Name: CCB03 Acquired: 3/18/2019 15:32:11 Type: Unk
Method: P4-ICP2(v2954) 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	.00019	-.00064	.00292	.00104	-.00054	-.02935	-.01474
Stddev	.00099	.00069	.00078	.00140	.00041	.01021	.00076
%RSD	521.75	108.59	26.713	135.45	75.323	34.776	5.1339

#1	.00052	-.00066	.00335	.00151	-.00062	-.02333	-.01438
#2	-.00092	.00007	.00202	.00214	-.00010	-.02359	-.01560
#3	.00097	-.00132	.00339	-.00054	-.00091	-.04113	-.01422

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	-.00004	.00460	.00025	.00021	-.00012	-.00266
Stddev	.00003	.00006	.00995	.00026	.00003	.00012	.00048
%RSD	35.757	129.88	216.13	101.27	14.705	94.933	17.951

#1	.00005	-.00006	.00163	.00037	.00023	-.00024	-.00302
#2	.00009	-.00009	-.00352	.00042	.00022	-.00013	-.00212
#3	.00011	.00002	.01570	-.00004	.00017	-.00000	-.00285

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.00261	.00051	.00010	-.03432	.00006	-.00017
Stddev	.00006	.00555	.00023	.00024	.00056	.00006	.00007
%RSD	260.99	212.26	44.461	251.21	1.6430	93.246	41.344

#1	.00005	.00660	.00035	.00035	-.03466	.00010	-.00009
#2	-.00008	-.00372	.00041	.00008	-.03367	-.00000	-.00018
#3	-.00004	.00496	.00078	-.00014	-.03462	.00008	-.00023

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00853	.00021	-.01124	F -.01975	.00358	-.00129	-.00125
Stddev	.01711	.00014	.01041	.00845	.00134	.00111	.00158
%RSD	200.55	66.411	92.621	42.770	37.371	86.172	126.57

#1	.02828	.00023	-.00714	-.02605	.00512	-.00009	-.00245
#2	-.00080	.00034	-.00351	-.02305	.00288	-.00148	-.00183
#3	-.00188	.00006	-.02308	-.01015	.00274	-.00229	.00054

Sample Name: CCB03 Acquired: 3/18/2019 15:32:11 Type: Unk
Method: P4-ICP2(v2954) 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	-.00536	.0020	-.00002	F .66520	F<.00000
Stddev	.00043	.0005	.00009	.07217	1.6002
%RSD	8.0112	24.11	528.23	10.849	1566.4
#1	-.00585	.0020	.00005	.70058	-.03637
#2	-.00512	.0015	.00002	.71285	1.4641
#3	-.00510	.0024	-.00013	.58216	-1.7343
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4064.0	43785.	5562.0	35.531	4149.2
Stddev	9.0	186.	45.8	2.158	5.1
%RSD	.22219	.42465	.82411	6.0729	.12263
#1	4070.4	43602.	5530.3	34.683	4152.9
#2	4067.9	43780.	5541.1	33.925	4151.2
#3	4053.6	43974.	5614.5	37.983	4143.4

Sample Name: PB118006BL Acquired: 3/18/2019 15:36:39 Type: Unk
Method: P4-ICP2(v2954) 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	.00047	.00119	.00217	.00010	-.00178	-.01827	-.00893
Stddev	.00369	.00110	.00121	.00025	.00214	.00900	.00164
%RSD	790.55	92.496	55.870	245.72	119.75	49.249	18.381

#1	.00143	.00189	.00333	-.00016	.00055	-.00979	-.00885
#2	-.00361	.00177	.00092	.00013	-.00364	-.02771	-.00733
#3	.00358	-.00008	.00225	.00034	-.00226	-.01731	-.01061

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.00004	.00659	.00022	.00020	-.00016	-.00283
Stddev	.00003	.00013	.01225	.00036	.00016	.00008	.00078
%RSD	107.73	338.53	185.81	160.45	78.215	51.270	27.486

#1	.00004	-.00018	.01857	-.00017	.00003	-.00024	-.00312
#2	-.00001	-.00000	.00712	.00031	.00034	-.00018	-.00342
#3	.00004	.00007	-.00591	.00053	.00024	-.00007	-.00195

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.03791	.00032	-.00010	-.07685	-.00031	-.00039
Stddev	.00001	.03517	.00001	.00032	.01477	.00015	.00009
%RSD	95.680	92.773	3.2530	316.98	19.223	49.784	23.143

#1	.00000	-.05984	.00033	-.00030	-.07666	-.00017	-.00049
#2	.00002	-.05655	.00032	-.00026	-.09171	-.00027	-.00031
#3	.00001	.00266	.00031	.00027	-.06217	-.00048	-.00037

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00305	-.00005	-.00420	F -.01764	.00049	-.00221	-.00012
Stddev	.00642	.00006	.00828	.01158	.00157	.00069	.00100
%RSD	210.62	139.90	197.03	65.674	322.90	31.118	824.24

#1	.01024	-.00007	-.00920	-.02560	.00038	-.00144	.00026
#2	.00101	.00003	.00536	-.00435	.00210	-.00278	.00064
#3	-.00211	-.00009	-.00876	-.02297	-.00103	-.00240	-.00126

Sample Name: PB118006BL Acquired: 3/18/2019 15:36:39 Type: Unk
Method: P4-ICP2(v2954) 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 -.01028	.0017	-.00008	F 1.1852	F 1.7541
Stddev	.00289	.0006	.00006	.2728	.4868
%RSD	28.119	32.80	76.384	23.020	27.753
#1	-.00738	.0024	-.00004	1.4421	2.1291
#2	-.01317	.0014	-.00005	.89881	1.9292
#3	-.01030	.0014	-.00016	1.2148	1.2039
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4041.4	43472.	5529.7	35.686	4133.8
Stddev	11.5	181.	9.0	.133	6.4
%RSD	.28377	.41612	.16299	.37241	.15416
#1	4029.3	43287.	5522.5	35.833	4128.4
#2	4052.0	43649.	5539.8	35.575	4140.8
#3	4042.9	43480.	5526.9	35.650	4132.2

Sample Name: PB118006BS Acquired: 3/18/2019 15:41:07 Type: Unk
Method: P4-ICP2(v2954) 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	.74835	1.8957	.93302	1.8617	.75544	1.9134	.18191
Stddev	.00214	.0054	.00370	.0068	.00283	.0059	.00221
%RSD	.28576	.28717	.39645	.36744	.37503	.30715	1.2134

#1	.74938	1.8895	.93027	1.8564	.75520	1.9198	.18430
#2	.74978	1.8996	.93723	1.8694	.75273	1.9122	.17996
#3	.74589	1.8982	.93157	1.8592	.75838	1.9083	.18147

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18628	.17941	1.0115	.39838	.19301	.30356	3.0743
Stddev	.00055	.00101	.0080	.00138	.00109	.00308	.0337
%RSD	.29422	.56168	.79540	.34643	.56233	1.0151	1.0958

#1	.18640	.17827	1.0037	.39906	.19183	.30083	3.0355
#2	.18676	.18019	1.0198	.39930	.19397	.30690	3.0910
#3	.18568	.17976	1.0110	.39679	.19323	.30294	3.0963

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20329	1.9530	.46913	.06963	2.7949	.28986	.18290
Stddev	.00034	.0346	.00266	.00026	.0249	.00213	.00088
%RSD	.16879	1.7731	.56719	.38043	.89098	.73485	.47906

#1	.20353	1.9262	.46715	.06935	2.7661	.29223	.18193
#2	.20344	1.9407	.47216	.06967	2.8090	.28810	.18364
#3	.20290	1.9921	.46809	.06987	2.8095	.28926	.18312

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.7653	.38883	.27799	F -.02964	.91491	.62055	.19541
Stddev	.0474	.00225	.00988	.01015	.01345	.00356	.00259
%RSD	.48493	.57976	3.5542	34.254	1.4703	.57333	1.3266

#1	9.7110	.38623	.27275	-.03993	.89937	.61650	.19296
#2	9.7978	.39015	.28939	-.02937	.92271	.62198	.19812
#3	9.7871	.39012	.27183	-.01963	.92264	.62317	.19514

Sample Name: PB118006BS Acquired: 3/18/2019 15:41:07 Type: Unk
Method: P4-ICP2(v2954) 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	.18586	4.978	.19627	.95343	F<.00000
Stddev	.00093	.023	.00117	.33209	.55148
%RSD	.50132	.4601	.59559	34.831	2.5963
#1	.18516	4.959	.19548	1.1925	-21.167
#2	.18550	5.003	.19761	1.0935	-20.730
#3	.18692	4.972	.19572	.57425	-21.826
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4050.1	44097.	5538.0	34.808	4138.3
Stddev	10.1	273.	41.0	1.642	10.3
%RSD	.24879	.62001	.74046	4.7175	.24913
#1	4051.6	43912.	5585.3	34.667	4144.4
#2	4039.3	43968.	5512.0	33.242	4126.4
#3	4059.3	44411.	5516.7	36.517	4144.0

Sample Name: PB117999BL Acquired: 3/18/2019 15:45:16 Type: Unk
Method: P4-ICP2(v2954) 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	-.00083	.00068	.00275	-.00112	-.00159	-.01516	-.01085
Stddev	.00229	.00177	.00055	.00163	.00052	.00615	.00190
%RSD	274.98	258.49	19.949	145.54	32.555	40.581	17.545

#1	-.00308	-.00129	.00335	-.00196	-.00099	-.01666	-.01156
#2	-.00090	.00124	.00228	-.00215	-.00189	-.02042	-.00870
#3	.00149	.00211	.00262	.00076	-.00189	-.00840	-.01230

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	-.00001	-.00962	.00035	.00001	-.00014	-.00151
Stddev	.00007	.00006	.01521	.00020	.00013	.00060	.00084
%RSD	96.286	433.39	158.09	57.501	939.78	442.51	55.185

#1	.00004	.00005	-.02355	.00037	.00016	.00052	-.00055
#2	.00014	-.00006	.00661	.00014	-.00003	-.00066	-.00206
#3	.00002	-.00004	-.01193	.00054	-.00009	-.00026	-.00193

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.01417	.00036	.00021	-.08729	.00005	.00012
Stddev	.00006	.00524	.00024	.00040	.00742	.00020	.00001
%RSD	286.95	36.957	66.764	189.83	8.4990	376.54	7.6163

#1	-.00007	.00876	.00041	-.00025	-.09215	.00000	.00012
#2	.00004	.01922	.00058	.00041	-.07875	.00027	.00012
#3	-.00003	.01453	.00010	.00047	-.09097	-.00011	.00011

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00468	.00011	-.01087	F -.01952	.00129	-.00269	-.00136
Stddev	.00666	.00011	.00366	.00508	.00454	.00075	.00241
%RSD	142.20	99.385	33.684	26.001	352.30	28.064	176.92

#1	-.00127	.00011	-.00696	-.02189	.00454	-.00306	.00137
#2	.00344	.00023	-.01143	-.02298	.00323	-.00182	-.00225
#3	.01188	.00000	-.01422	-.01370	-.00390	-.00318	-.00321

Sample Name: PB117999BL Acquired: 3/18/2019 15:45:16 Type: Unk
Method: P4-ICP2(v2954) 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 -.01150	.0016	-.00007	F 1.1443	F .24292
Stddev	.00085	.0019	.00001	.1905	.58149
%RSD	7.4163	121.1	12.845	16.646	239.37
#1	-.01140	.0000	-.00007	1.3430	-.22179
#2	-.01240	.0037	-.00007	1.1268	.89500
#3	-.01070	.0010	-.00006	.96325	.05556
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4014.0	43584.	5474.9	33.778	4111.3
Stddev	6.5	135.	26.6	.613	11.0
%RSD	.16269	.30953	.48593	1.8133	.26778
#1	4008.0	43430.	5444.8	34.292	4106.8
#2	4021.0	43683.	5495.3	33.942	4123.8
#3	4013.1	43639.	5484.5	33.100	4103.2

Sample Name: PB117999BS Acquired: 3/18/2019 15:49:44 Type: Unk
Method: P4-ICP2(v2954) 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	.78106	1.9989	.97795	2.0007	.79336	1.9550	.18477
Stddev	.00306	.0018	.00200	.0056	.00208	.0159	.00380
%RSD	.39170	.08806	.20487	.28236	.26217	.81382	2.0547

#1	.77853	1.9998	.97871	2.0027	.79096	1.9374	.18878
#2	.78446	2.0001	.97946	1.9943	.79441	1.9593	.18430
#3	.78019	1.9969	.97568	2.0050	.79470	1.9683	.18123

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20043	.18951	.99350	.40475	.19909	.31673	3.1343
Stddev	.00073	.00090	.00676	.00123	.00083	.00036	.0337
%RSD	.36341	.47747	.68070	.30289	.41936	.11418	1.0747

#1	.20075	.19052	.99654	.40340	.19943	.31709	3.1697
#2	.20095	.18926	.98575	.40506	.19971	.31637	3.1304
#3	.19960	.18876	.99821	.40579	.19814	.31672	3.1027

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20758	2.0324	.48555	.07308	2.8144	.28949	.19599
Stddev	.00108	.0290	.00174	.00085	.0327	.00170	.00042
%RSD	.52092	1.4252	.35927	1.1642	1.1629	.58758	.21417

#1	.20720	2.0479	.48734	.07343	2.8513	.28957	.19647
#2	.20880	2.0503	.48386	.07370	2.8032	.29115	.19572
#3	.20674	1.9990	.48546	.07211	2.7888	.28775	.19577

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.8547	.39372	.28653	F -.02381	.95909	.65423	.20080
Stddev	.0827	.00100	.00786	.01275	.01011	.00182	.00148
%RSD	.83865	.25442	2.7449	53.534	1.0537	.27850	.73666

#1	9.9375	.39363	.29165	-.03853	.96995	.65618	.20134
#2	9.8543	.39276	.29046	-.01625	.95738	.65258	.19913
#3	9.7722	.39476	.27747	-.01665	.94995	.65394	.20194

Sample Name: PB117999BS Acquired: 3/18/2019 15:49:44 Type: Unk
Method: P4-ICP2(v2954) 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	.18843	F 5.304	F .19743	1.9167	<.00000
Stddev	.00214	.023	.00036	.2003	.75795
%RSD	1.1354	.4302	.18086	10.450	3.6501
#1	.18749	5.329	.19765	1.9289	-20.007
#2	.19087	5.299	.19762	1.7106	-21.523
#3	.18692	5.284	.19702	2.1106	-20.767
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3998.8	43090.	5474.9	33.683	4046.1
Stddev	7.3	112.	61.6	3.035	2.6
%RSD	.18359	.25969	1.1253	9.0111	.06327
#1	4004.1	42960.	5408.4	35.167	4043.4
#2	4001.8	43158.	5486.2	35.692	4046.3
#3	3990.4	43151.	5530.0	30.192	4048.6

Sample Name: PB118014BL Acquired: 3/18/2019 15:53:50 Type: Unk
Method: P4-ICP2(v2954) 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	-.00034	-.00051	.00130	.00041	-.00297	-.01230	-.01249
Stddev	.00425	.00111	.00048	.00446	.00092	.00111	.00309
%RSD	1241.7	219.97	36.907	1089.3	30.933	9.0085	24.743

#1	.00368	.00077	.00138	.00134	-.00328	-.01348	-.01021
#2	.00009	-.00130	.00173	-.00445	-.00193	-.01214	-.01125
#3	-.00479	-.00099	.00078	.00433	-.00369	-.01128	-.01600

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	-.00011	.00458	.00026	.00020	-.00031	-.00220
Stddev	.00006	.00006	.02471	.00011	.00021	.00048	.00247
%RSD	138.61	56.186	540.09	44.786	102.28	155.46	112.65

#1	.00003	-.00007	.03230	.00034	.00011	-.00023	-.00316
#2	.00010	-.00007	-.01512	.00030	.00044	-.00082	.00062
#3	-.00001	-.00017	-.00346	.00013	.00006	.00013	-.00404

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.02703	.00025	.00041	-.11011	-.00030	-.00049
Stddev	.00005	.03225	.00037	.00037	.01833	.00007	.00010
%RSD	523.46	119.34	148.22	91.059	16.644	24.886	21.292

#1	-.00004	-.05674	.00022	.00015	-.12621	-.00035	-.00037
#2	.00005	-.03162	-.00010	.00084	-.09017	-.00021	-.00053
#3	-.00004	.00728	.00064	.00024	-.11395	-.00034	-.00056

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.02840	.00010	-.00731	F -.02088	.00136	-.00284	-.00204
Stddev	.01032	.00025	.00432	.00365	.00123	.00026	.00099
%RSD	36.331	256.01	59.141	17.480	90.498	9.0849	48.282

#1	-.02802	.00013	-.00920	-.01922	.00277	-.00256	-.00189
#2	-.03889	-.00017	-.01036	-.02506	.00052	-.00307	-.00114
#3	-.01827	.00032	-.00236	-.01835	.00079	-.00289	-.00310

Sample Name: PB118014BL Acquired: 3/18/2019 15:53:50 Type: Unk
Method: P4-ICP2(v2954) 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 -.01136	.0011	-.00007	F 1.1492	F .88742
Stddev	.00345	.0014	.00011	.2989	.15657
%RSD	30.399	128.4	173.03	26.008	17.643

#1	-.00912	-.0003	-.00019	.80632	.87582
#2	-.01533	.0011	.00002	1.2865	.73697
#3	-.00961	.0025	-.00003	1.3547	1.0495

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4037.7	43576.	5536.8	34.786	4137.3
Stddev	4.8	150.	33.2	2.224	9.6
%RSD	.11985	.34375	.60040	6.3939	.23246

#1	4039.5	43692.	5513.8	32.275	4148.4
#2	4032.2	43407.	5521.6	36.508	4131.1
#3	4041.3	43629.	5574.9	35.575	4132.5

Sample Name: PB118014BS Acquired: 3/18/2019 15:58:16 Type: Unk
Method: P4-ICP2(v2954) 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	.78304	1.9827	.97114	1.9968	.79054	1.9286	.18697
Stddev	.00157	.0100	.00262	.0115	.00072	.0195	.00656
%RSD	.20026	.50533	.26997	.57518	.09050	1.0123	3.5079

#1	.78253	1.9809	.97031	1.9959	.78974	1.9511	.18888
#2	.78179	1.9736	.96903	1.9858	.79076	1.9178	.19236
#3	.78480	1.9934	.97408	2.0087	.79112	1.9168	.17967

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19908	.18859	1.0144	.40202	.19723	.31455	3.1379
Stddev	.00099	.00026	.0242	.00231	.00085	.00123	.0108
%RSD	.49594	.13722	2.3856	.57339	.43336	.39178	.34557

#1	.19825	.18866	1.0343	.40300	.19780	.31370	3.1282
#2	.19882	.18830	.98748	.39939	.19625	.31399	3.1357
#3	.20017	.18881	1.0215	.40368	.19763	.31597	3.1496

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20654	2.0066	.48193	.07344	2.7834	.28833	.19489
Stddev	.00051	.0164	.00120	.00056	.0215	.00028	.00006
%RSD	.24609	.81914	.24848	.76926	.77197	.09855	.03073

#1	.20705	1.9996	.48150	.07403	2.7625	.28863	.19483
#2	.20603	2.0254	.48101	.07340	2.8055	.28807	.19490
#3	.20653	1.9949	.48329	.07290	2.7821	.28829	.19495

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.7681	.39209	.27474	F -.03283	.95679	.64933	.20122
Stddev	.0488	.00008	.00611	.00545	.00695	.00133	.00085
%RSD	.49997	.02046	2.2245	16.599	.72636	.20466	.42058

#1	9.7295	.39199	.26815	-.03012	.94997	.64889	.20062
#2	9.8230	.39213	.27584	-.02926	.95655	.64829	.20219
#3	9.7518	.39214	.28023	-.03910	.96386	.65083	.20085

Sample Name: PB118014BS Acquired: 3/18/2019 15:58:16 Type: Unk
Method: P4-ICP2(v2954) 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	.18461	5.276	.19541	F 1.7297	F<.00000
Stddev	.00214	.015	.00088	.1239	1.8100
%RSD	1.1604	.2920	.45098	7.1642	8.7961
#1	.18594	5.275	.19488	1.5994	-20.851
#2	.18214	5.260	.19642	1.7436	-22.236
#3	.18576	5.291	.19492	1.8461	-18.647
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3995.5	43096.	5446.3	33.958	4047.7
Stddev	10.0	83.	12.0	.353	9.6
%RSD	.25109	.19289	.22052	1.0385	.23737
#1	3999.5	43002.	5460.1	33.633	4053.6
#2	3984.1	43158.	5439.4	33.908	4036.6
#3	4002.9	43129.	5439.3	34.333	4052.9

Sample Name: K1687-07 Acquired: 3/18/2019 16:02:22 Type: Unk
Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HR-05-031519 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02624	-.05418	.82643	-.03085	-.00958	117.33	.66163
Stddev	.00145	.00006	.00323	.00397	.00300	.07	.00977
%RSD	5.5075	.11694	.39040	12.855	31.338	.06203	1.4773

#1	.02468	-.05422	.82912	-.02951	-.01290	117.25	.67030
#2	.02652	-.05411	.82285	-.02773	-.00705	117.36	.66356
#3	.02753	-.05422	.82733	-.03531	-.00880	117.38	.65104

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00601	.00073	91.101	.18995	.10177	.38619	166.00
Stddev	.00031	.00019	.726	.00141	.00034	.00088	1.64
%RSD	5.1117	25.855	.79664	.74048	.33729	.22818	.99068

#1	.00633	.00063	91.632	.19149	.10141	.38673	167.22
#2	.00600	.00061	91.396	.18873	.10179	.38517	166.64
#3	.00571	.00095	90.274	.18963	.10210	.38666	164.13

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7044	38.465	.17444	-.01126	9.7591	.29197	.80831
Stddev	.0062	.362	.00037	.00040	.1467	.00039	.00019
%RSD	.13248	.94210	.21308	3.5925	1.5032	.13504	.02383

#1	4.7089	38.678	.17487	-.01140	9.8482	.29231	.80822
#2	4.6973	38.670	.17423	-.01081	9.8394	.29154	.80853
#3	4.7069	38.046	.17423	-.01158	9.5898	.29207	.80818

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.2702	.00104	-.07918	3.1348	4.4716	.03646	2.5367
Stddev	.1077	.00016	.00493	.0087	.0277	.00063	.0030
%RSD	1.1613	15.361	6.2284	.27814	.61995	1.7283	.11757

#1	9.3417	.00085	-.08042	3.1416	4.4486	.03689	2.5397
#2	9.3225	.00111	-.07375	3.1379	4.5024	.03574	2.5366
#3	9.1464	.00114	-.08338	3.1250	4.4637	.03676	2.5338

Sample Name: K1687-07 Acquired: 3/18/2019 16:02:22 Type: Unk
 Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: HR-05-031519 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.11196	7.232	.25707	<.00000	F<.00000
Stddev	.00042	.011	.00120	.17201	1.5650
%RSD	.37812	.1543	.46723	4.1608	.19114

#1	.11169	7.238	.25792	-3.9382	-820.25
#2	.11175	7.219	.25760	-4.2032	-817.13
#3	.11245	7.238	.25570	-4.2607	-818.97

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4422.7	47442.	6467.6	34.181	3649.7
Stddev	4.1	92.	63.3	.130	1.6
%RSD	.09259	.19429	.97800	.37929	.04443

#1	4426.1	47352.	6415.0	34.325	3647.8
#2	4423.9	47536.	6449.9	34.074	3650.6
#3	4418.2	47439.	6537.8	34.145	3650.6

Sample Name: K1687-07DUP Acquired: 3/18/2019 16:06:47 Type: Unk
Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HR-05-031519 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03009	-.05344	.88151	-.02738	-.00947	118.43	.67096
Stddev	.00071	.00355	.00341	.00242	.00197	.71	.00276
%RSD	2.3642	6.6503	.38726	8.8227	20.804	.59579	.41107

#1	.02935	-.05359	.88495	-.02504	-.00735	118.24	.67407
#2	.03014	-.05691	.88144	-.02986	-.00981	117.85	.67003
#3	.03077	-.04981	.87812	-.02724	-.01125	119.22	.66879

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00598	.00028	87.737	.20388	.10281	.38672	169.95
Stddev	.00027	.00014	.184	.00116	.00034	.00194	1.07
%RSD	4.5761	49.571	.20941	.56930	.32753	.50129	.63184

#1	.00613	.00013	87.949	.20501	.10296	.38792	168.93
#2	.00566	.00041	87.631	.20393	.10305	.38776	171.07
#3	.00614	.00030	87.631	.20269	.10243	.38448	169.85

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7831	38.941	.17699	-.01142	9.7612	.29690	.80195
Stddev	.0305	.172	.00024	.00027	.0125	.00064	.00155
%RSD	.63757	.44297	.13385	2.3674	.12829	.21585	.19370

#1	4.7977	38.869	.17725	-.01135	9.7544	.29623	.80044
#2	4.7480	39.138	.17692	-.01120	9.7756	.29751	.80187
#3	4.8035	38.816	.17680	-.01172	9.7535	.29695	.80355

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.3040	.00078	-.08488	3.1426	4.4059	.03741	2.5723
Stddev	.0316	.00037	.00924	.0303	.0732	.00083	.0122
%RSD	.33971	47.814	10.890	.96353	1.6625	2.2119	.47507

#1	9.2775	.00036	-.08601	3.1731	4.4892	.03686	2.5862
#2	9.2955	.00090	-.07512	3.1126	4.3770	.03836	2.5633
#3	9.3390	.00108	-.09351	3.1421	4.3515	.03700	2.5673

Sample Name: K1687-07DUP Acquired: 3/18/2019 16:06:47 Type: Unk
Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HR-05-031519 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.11311	6.984	.24424	<.00000	F<.00000
Stddev	.00071	.023	.00213	.43688	6.3666
%RSD	.63100	.3353	.87035	11.202	.77200

#1	.11368	6.958	.24647	-3.8188	-831.87
#2	.11334	6.989	.24223	-4.3717	-819.75
#3	.11231	7.005	.24401	-3.5093	-822.45

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4384.2	47134.	6406.2	32.351	3640.6
Stddev	1.4	118.	15.4	1.031	3.1
%RSD	.03083	.25115	.24113	3.1871	.08644

#1	4385.5	47168.	6403.3	33.463	3644.2
#2	4384.3	47232.	6392.3	31.427	3639.3
#3	4382.8	47003.	6422.8	32.164	3638.3

Sample Name: K1687-07LX5 Acquired: 3/18/2019 16:11:15 Type: Unk
Method: P4-ICP2(v2954) 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	.00745	-.01103	.17372	-.00321	-.00327	25.197	.13812
Stddev	.00140	.00088	.00018	.00330	.00076	.081	.00353
%RSD	18.854	8.0134	.10103	102.88	23.179	.32256	2.5558

#1	.00610	-.01074	.17353	-.00329	-.00373	25.218	.13429
#2	.00735	-.01032	.17375	-.00646	-.00369	25.107	.14125
#3	.00890	-.01202	.17388	.00013	-.00240	25.266	.13881

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00099	-.00152	19.989	.04498	.02037	.08802	43.998
Stddev	.00010	.00010	.161	.00049	.00017	.00029	.325
%RSD	9.9861	6.7552	.80447	1.0816	.83611	.32562	.73934

#1	.00088	-.00143	20.002	.04535	.02045	.08832	44.127
#2	.00102	-.00163	20.144	.04443	.02018	.08774	44.239
#3	.00108	-.00151	19.823	.04515	.02049	.08799	43.628

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0900	8.8174	.03380	-.00195	2.0860	.06461	.15062
Stddev	.0016	.0535	.00018	.00010	.0114	.00046	.00065
%RSD	.14973	.60692	.54596	5.3530	.54392	.70826	.42970

#1	1.0912	8.8073	.03397	-.00203	2.0744	.06508	.15025
#2	1.0882	8.8752	.03385	-.00198	2.0971	.06417	.15024
#3	1.0908	8.7696	.03360	-.00183	2.0865	.06458	.15137

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0486	.00031	-.01408	.56590	1.0068	.00549	.56475
Stddev	.0216	.00019	.00239	.00909	.0060	.00090	.00069
%RSD	1.0553	62.953	17.014	1.6061	.59567	16.414	.12202

#1	2.0323	.00045	-.01549	.57612	1.0094	.00483	.56434
#2	2.0404	.00009	-.01131	.56289	.99999	.00512	.56437
#3	2.0731	.00038	-.01542	.55870	1.0111	.00652	.56555

Sample Name: K1687-07LX5 Acquired: 3/18/2019 16:11:15 Type: Unk
Method: P4-ICP2(v2954) 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	.01626	1.343	.04937	1.1003	F<.00000
Stddev	.00199	.004	.00039	.1473	2.2569
%RSD	12.237	.3224	.78147	13.388	1.4932

#1	.01830	1.340	.04895	1.2704	-149.69
#2	.01616	1.348	.04943	1.0128	-150.01
#3	.01432	1.341	.04972	1.0178	-153.75

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4034.2	43479.	5690.2	34.025	3904.4
Stddev	10.1	60.	57.4	.437	5.6
%RSD	.25149	.13743	1.0092	1.2841	.14418

#1	4025.2	43417.	5668.2	34.333	3903.0
#2	4032.1	43537.	5647.1	33.525	3910.6
#3	4045.2	43482.	5755.4	34.217	3899.6

Sample Name: K1687-07MS Acquired: 3/18/2019 16:15:34 Type: Unk
Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HR-05-031519 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.74635	1.9546	1.6547	1.7387	.14324	137.34	.87685
Stddev	.00193	.0026	.0029	.0080	.00221	.60	.00439
%RSD	.25834	.13214	.17618	.46052	1.5452	.43421	.50043

#1	.74546	1.9572	1.6513	1.7376	.14150	137.64	.87851
#2	.74856	1.9546	1.6564	1.7312	.14250	136.65	.88016
#3	.74502	1.9520	1.6563	1.7471	.14573	137.73	.87187

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19634	.19825	83.864	.55828	.31135	.65509	169.34
Stddev	.00052	.00042	.165	.00204	.00081	.00124	1.19
%RSD	.26314	.21274	.19630	.36528	.26134	.18991	.70365

#1	.19683	.19799	83.926	.55910	.31042	.65379	168.28
#2	.19641	.19801	83.990	.55595	.31192	.65627	170.63
#3	.19580	.19873	83.678	.55977	.31170	.65523	169.11

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8527	42.751	.68054	.05852	13.025	.53879	.97503
Stddev	.0054	.274	.00192	.00098	.089	.00082	.00089
%RSD	.11049	.64188	.28163	1.6823	.68647	.15311	.09132

#1	4.8571	42.739	.67864	.05962	13.117	.53950	.97417
#2	4.8467	43.031	.68049	.05771	13.021	.53898	.97496
#3	4.8543	42.482	.68248	.05824	12.938	.53789	.97595

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.274	.32618	.14972	2.6343	6.5017	.68247	2.7548
Stddev	.157	.00019	.00476	.0355	.0481	.00359	.0112
%RSD	.81605	.05965	3.1787	1.3467	.73973	.52627	.40553

#1	19.392	.32600	.15212	2.6301	6.4592	.67920	2.7496
#2	19.333	.32638	.15279	2.6717	6.5539	.68631	2.7676
#3	19.095	.32615	.14423	2.6011	6.4921	.68189	2.7471

Sample Name: K1687-07MS Acquired: 3/18/2019 16:15:34 Type: Unk
Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HR-05-031519 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.30533	F 12.28	.40487	<.00000	F<.00000
Stddev	.00305	.04	.00256	.23160	6.8692
%RSD	.99972	.3620	.63252	9.7096	.84756

#1	.30491	12.23	.40759	-2.4545	-808.42
#2	.30251	12.27	.40449	-2.5743	-818.12
#3	.30857	12.32	.40251	-2.1269	-804.85

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4296.3	46313.	6279.4	32.496	3630.9
Stddev	11.1	213.	21.0	1.246	7.7
%RSD	.25942	.46098	.33401	3.8331	.21146

#1	4301.1	46277.	6271.0	31.547	3638.6
#2	4283.6	46542.	6263.9	33.907	3623.3
#3	4304.2	46119.	6303.3	32.035	3630.8

Sample Name: CCV04 Acquired: 3/18/2019 16:19:53 Type: Unk
Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14694 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2045	5.0670	5.1226	5.1971	5.2320	10.307	9.8202	.25845
Stddev	.0133	.0243	.0108	.0158	.0103	.094	.0270	.00070
%RSD	.25504	.48011	.21025	.30419	.19746	.91436	.27479	.27261
#1	5.2196	5.0397	5.1202	5.1814	5.2418	10.212	9.8383	.25774
#2	5.1990	5.0865	5.1132	5.1968	5.2212	10.401	9.8331	.25914
#3	5.1948	5.0748	5.1344	5.2130	5.2331	10.308	9.7892	.25848
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5039	24.852	1.0111	2.5517	1.2833	4.9974	2.5685	24.863
Stddev	.0039	.101	.0019	.0049	.0012	.0226	.0020	.187
%RSD	.15633	.40793	.18878	.19194	.09578	.45145	.07745	.75105
#1	2.5010	24.756	1.0105	2.5474	1.2840	5.0234	2.5701	24.658
#2	2.5023	24.958	1.0132	2.5507	1.2841	4.9833	2.5692	25.024
#3	2.5084	24.843	1.0096	2.5570	1.2819	4.9855	2.5663	24.906
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4738	1.2966	23.986	2.4228	2.5671	24.612	5.0256	4.8407
Stddev	.0104	.0033	.028	.0031	.0060	.045	.0030	.0294
%RSD	.41850	.25432	.11648	.12692	.23514	.18139	.05914	.60707
#1	2.4669	1.2938	23.953	2.4235	2.5631	24.564	5.0285	4.8099
#2	2.4687	1.3002	24.001	2.4254	2.5641	24.652	5.0257	4.8437
#3	2.4857	1.2959	24.003	2.4194	2.5740	24.620	5.0226	4.8684
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9791	5.0077	4.8448	5.1392	4.9509	5.023	5.0849	F 3.6126
Stddev	.0072	.0320	.0140	.0192	.0042	.024	.0118	.0672
%RSD	.14544	.63989	.28829	.37309	.08558	.4696	.23298	1.8598
#1	4.9853	5.0298	4.8296	5.1191	4.9554	5.010	5.0985	3.5372
#2	4.9711	4.9709	4.8475	5.1573	4.9470	5.010	5.0772	3.6662
#3	4.9808	5.0222	4.8571	5.1412	4.9504	5.050	5.0790	3.6343

Sample Name: CCV04 Acquired: 3/18/2019 16:19:53 Type: Unk
Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14694 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 3.0618
Stddev	.9052
%RSD	29.564

#1	4.0977
#2	2.6644
#3	2.4232

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3851.1	41215.	5434.2	32.795	3701.3
Stddev	12.0	72.	15.1	.899	12.3
%RSD	.31085	.17453	.27718	2.7412	.33166

#1	3839.0	41271.	5419.0	33.115	3698.9
#2	3862.9	41134.	5434.5	31.780	3714.6
#3	3851.4	41240.	5449.1	33.490	3690.4

Sample Name: CCB04 Acquired: 3/18/2019 16:23:52 Type: Unk
Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14694 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00053	.00272	.00205	.00288	-.00140	-.01330	-.01431
Stddev	.00307	.00108	.00139	.00167	.00074	.00329	.00506
%RSD	580.73	39.690	68.028	57.900	53.272	24.737	35.358

#1	.00187	.00395	.00348	.00480	-.00223	-.01673	-.00940
#2	-.00398	.00194	.00197	.00208	-.00116	-.01018	-.01950
#3	.00053	.00226	.00070	.00177	-.00080	-.01298	-.01402

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.00015	-.00855	.00010	.00008	-.00004	-.00213
Stddev	.00006	.00009	.00249	.00037	.00002	.00008	.00226
%RSD	224.01	60.710	29.076	356.80	24.118	190.14	106.24

#1	-.00003	-.00021	-.00572	.00043	.00007	.00001	-.00209
#2	.00009	-.00005	-.00953	-.00029	.00011	.00000	-.00440
#3	.00002	-.00019	-.01040	.00018	.00007	-.00014	.00012

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.03035	.00030	-.00006	-.10197	-.00004	-.00022
Stddev	.00004	.02205	.00048	.00013	.00689	.00046	.00011
%RSD	147.35	72.670	159.87	220.21	6.7582	1202.2	52.352

#1	.00000	.05165	.00011	-.00014	-.09600	.00038	-.00013
#2	.00001	.00761	-.00006	-.00014	-.10951	.00003	-.00018
#3	.00008	.03179	.00084	.00009	-.10042	-.00053	-.00035

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02718	.00016	-.00484	F -.02632	.00190	-.00146	-.00091
Stddev	.00826	.00044	.00335	.00197	.00058	.00075	.00277
%RSD	30.381	276.19	69.296	7.4755	30.580	51.265	304.43

#1	.03577	.00033	-.00661	-.02820	.00141	-.00116	.00115
#2	.02647	-.00034	-.00097	-.02648	.00254	-.00231	.00018
#3	.01930	.00049	-.00694	-.02428	.00175	-.00091	-.00406

Sample Name: CCB04 Acquired: 3/18/2019 16:23:52 Type: Unk
Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14694 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00915	.0022	.00002	F 1.1046	F .26707
Stddev	.00164	.0017	.00006	.2743	.43500
%RSD	17.959	76.38	244.28	24.836	162.88

#1	-.00837	.0016	-.00004	1.3608	.42260
#2	-.00804	.0009	.00006	1.1377	-.22432
#3	-.01103	.0042	.00005	.81515	.60293

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3998.8	43513.	5542.0	34.744	4101.0
Stddev	4.6	89.	7.3	.420	1.5
%RSD	.11564	.20440	.13091	1.2079	.03710

#1	4003.0	43411.	5533.8	34.558	4102.7
#2	3999.5	43574.	5547.5	34.450	4099.9
#3	3993.8	43554.	5544.8	35.225	4100.5

Sample Name: K1687-07MSD Acquired: 3/18/2019 16:28:20 Type: Unk
Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HR-05-031519 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.75284	1.9587	1.6618	1.7295	.14259	137.29	.87758
Stddev	.00711	.0047	.0035	.0045	.00251	.31	.00532
%RSD	.94419	.24061	.20988	.26013	1.7634	.22534	.60574

#1	.75743	1.9612	1.6638	1.7274	.13976	137.05	.87201
#2	.74465	1.9533	1.6638	1.7347	.14456	137.19	.87813
#3	.75644	1.9616	1.6578	1.7265	.14344	137.64	.88259

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19587	.19850	83.363	.55510	.31167	.65419	168.26
Stddev	.00018	.00036	.684	.00166	.00076	.00075	2.12
%RSD	.09300	.18166	.82010	.29944	.24318	.11484	1.2594

#1	.19586	.19890	82.583	.55702	.31248	.65363	165.99
#2	.19569	.19840	83.647	.55415	.31098	.65389	168.60
#3	.19605	.19820	83.859	.55414	.31153	.65504	170.19

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8076	42.532	.67634	.05916	13.028	.53568	.97653
Stddev	.0159	.364	.00267	.00036	.108	.00075	.00250
%RSD	.33023	.85635	.39432	.60484	.82645	.13933	.25652

#1	4.7969	42.115	.67919	.05881	12.905	.53492	.97921
#2	4.8001	42.786	.67390	.05953	13.075	.53641	.97614
#3	4.8259	42.696	.67593	.05914	13.105	.53572	.97425

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.243	.32479	.14590	2.5745	6.4212	.67643	2.7561
Stddev	.128	.00084	.00165	.0176	.0718	.00195	.0213
%RSD	.66559	.25729	1.1312	.68276	1.1187	.28846	.77431

#1	19.095	.32465	.14438	2.5808	6.3678	.67868	2.7319
#2	19.315	.32404	.14566	2.5546	6.3929	.67543	2.7724
#3	19.319	.32569	.14765	2.5881	6.5029	.67519	2.7638

Sample Name: K1687-07MSD Acquired: 3/18/2019 16:28:20 Type: Unk
Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HR-05-031519 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.30926	F 12.22	.40233	<.00000	F<.00000
Stddev	.00291	.03	.00200	.17316	3.5235
%RSD	.94075	.2718	.49752	5.6609	.43275
#1	.30767	12.26	.40003	-2.8614	-818.20
#2	.31261	12.20	.40367	-3.1847	-812.84
#3	.30748	12.20	.40328	-3.1303	-811.56
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4275.8	46307.	6286.6	33.581	3623.7
Stddev	1.8	80.	32.8	1.322	8.8
%RSD	.04230	.17316	.52212	3.9379	.24209
#1	4273.8	46268.	6324.0	32.443	3614.1
#2	4277.3	46399.	6273.0	33.267	3625.6
#3	4276.3	46254.	6262.7	35.032	3631.3

Sample Name: K1687-07A Acquired: 3/18/2019 16:32:50 Type: Unk
Method: P4-ICP2(v2954) 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	.76423	1.9974	1.6851	1.7640	.14886	138.28	.88663
Stddev	.00179	.0085	.0065	.0068	.00298	.76	.02811
%RSD	.23397	.42335	.38632	.38715	2.0012	.55161	3.1708

#1	.76234	1.9951	1.6867	1.7623	.14826	138.46	.89692
#2	.76590	2.0068	1.6907	1.7715	.15210	138.93	.90814
#3	.76446	1.9904	1.6780	1.7582	.14623	137.44	.85482

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19871	.20286	83.826	.56320	.31778	.66720	169.89
Stddev	.00059	.00068	2.072	.00076	.00154	.00368	4.16
%RSD	.29936	.33334	2.4718	.13468	.48515	.55224	2.4484

#1	.19840	.20269	84.530	.56288	.31827	.66963	170.64
#2	.19834	.20361	85.455	.56407	.31902	.66901	173.63
#3	.19940	.20229	81.494	.56265	.31606	.66296	165.41

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9224	43.300	.69178	.06008	13.255	.54032	.98279
Stddev	.0022	1.145	.00251	.00012	.394	.00178	.00051
%RSD	.04547	2.6438	.36264	.19269	2.9731	.33035	.05206

#1	4.9244	43.815	.69294	.06021	13.392	.53826	.98298
#2	4.9200	44.096	.69349	.06000	13.562	.54137	.98221
#3	4.9228	41.988	.68890	.06003	12.810	.54133	.98318

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.576	.33160	.13949	2.6148	6.8648	.69263	2.7878
Stddev	.620	.00159	.00834	.0131	.2155	.00070	.0770
%RSD	3.1647	.47934	5.9817	.50073	3.1396	.10082	2.7633

#1	19.713	.33244	.13132	2.6035	6.9100	.69190	2.8097
#2	20.116	.33259	.14800	2.6292	7.0541	.69329	2.8515
#3	18.899	.32977	.13914	2.6116	6.6302	.69269	2.7022

Sample Name: K1687-07A Acquired: 3/18/2019 16:32:50 Type: Unk
Method: P4-ICP2(v2954) 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	.31543	F 12.46	.41060	<.00000	F<.00000
Stddev	.01024	.01	.01151	.15936	5.4839
%RSD	3.2452	.1165	2.8035	6.6286	.66292

#1	.31622	12.47	.41550	-2.3495	-824.15
#2	.32524	12.47	.41886	-2.5837	-833.56
#3	.30482	12.45	.39745	-2.2794	-823.99

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4252.6	46076.	6232.8	33.264	3594.2
Stddev	8.0	8.	153.1	1.739	3.1
%RSD	.18758	.01753	2.4563	5.2267	.08718

#1	4245.1	46076.	6174.4	32.117	3590.9
#2	4251.7	46068.	6117.5	32.411	3594.6
#3	4261.0	46084.	6406.5	35.265	3597.1

Sample Name: K1934-02 Acquired: 3/18/2019 16:38:54 Type: Unk
Method: P4-ICP2(v2954) 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	-.00245	-.00025	.00183	.00130	-.00116	.00472	-.01172	.00006
Stddev	.00122	.00021	.00097	.00162	.00076	.00946	.00354	.00003
%RSD	49.728	84.733	52.758	124.03	65.565	200.64	30.207	44.361

#1	-.00274	-.00010	.00085	-.00046	-.00029	.01040	-.00774	.00010
#2	-.00112	-.00050	.00278	.00272	-.00149	.00995	-.01453	.00005
#3	-.00350	-.00016	.00187	.00166	-.00171	-.00621	-.01290	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	4.7051	.00565	.00032	.10865	.21003	.00909	3.1568
Stddev	.00005	.0408	.00034	.00017	.00040	.00346	.00006	.0893
%RSD	215.52	.86794	5.9714	50.891	.36682	1.6462	.62061	2.8276

#1	-.00008	4.7349	.00554	.00050	.10882	.21394	.00914	3.1766
#2	-.00002	4.7219	.00537	.00029	.10819	.20879	.00903	3.2344
#3	.00002	4.6586	.00602	.00018	.10893	.20736	.00909	3.0592

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00419	-.00039	78.113	.00055	.03570	26.720	.00093	.00304
Stddev	.00006	.00040	.780	.00054	.00225	.174	.00030	.00295
%RSD	1.4407	102.85	.99849	99.919	6.3115	.65131	32.434	96.955

#1	.00421	-.00076	78.563	.00051	.03830	26.827	.00127	-.00001
#2	.00412	.00003	78.563	.00110	.03450	26.815	.00078	.00327
#3	.00424	-.00044	77.212	.00002	.03431	26.519	.00073	.00587

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.4182	1.6741	-.00404	-.00034	-.01706	1.964	.02551	1.5850
Stddev	.0301	.0174	.00032	.00138	.00081	.003	.00019	.3961
%RSD	.87899	1.0380	7.8433	410.39	4.7621	.1263	.74919	24.989

#1	3.4084	1.6927	-.00369	-.00144	-.01798	1.964	.02570	1.1451
#2	3.3942	1.6711	-.00411	-.00079	-.01642	1.962	.02551	1.6969
#3	3.4519	1.6583	-.00431	.00121	-.01680	1.967	.02532	1.9131

Sample Name: K1934-02 Acquired: 3/18/2019 16:38:54 Type: Unk
 Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 3.4941
 Stddev .9558
 %RSD 27.356

#1 3.4534
 #2 4.4696
 #3 2.5592

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3950.6	42766.	5700.9	36.442	3982.8
Stddev	6.5	218.	34.5	.986	6.2
%RSD	.16465	.50961	.60530	2.7047	.15530

#1	3952.0	42997.	5687.8	37.163	3979.9
#2	3956.3	42737.	5674.9	36.843	3989.9
#3	3943.5	42564.	5740.1	35.318	3978.5

Sample Name: K1687-09 Acquired: 3/18/2019 16:43:20 Type: Unk
Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HR-05-031519 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02047	-.06841	.62203	-.04157	-.00703	132.75	1.0417
Stddev	.00179	.00147	.00142	.00080	.00276	1.62	.0098
%RSD	8.7621	2.1444	.22884	1.9360	39.220	1.2215	.93816

#1	.01967	-.06735	.62367	-.04065	-.00858	134.57	1.0308
#2	.02252	-.07008	.62111	-.04192	-.00384	132.20	1.0495
#3	.01921	-.06779	.62130	-.04213	-.00865	131.47	1.0450

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00560	.00064	77.254	.17322	.11506	.42812	175.35
Stddev	.00032	.00025	.533	.00328	.00043	.00037	1.76
%RSD	5.6626	38.794	.68950	1.8962	.37571	.08602	1.0028

#1	.00575	.00081	76.709	.17700	.11507	.42847	173.65
#2	.00523	.00074	77.773	.17148	.11462	.42774	175.22
#3	.00581	.00035	77.279	.17116	.11549	.42815	177.16

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.4488	55.758	.19668	-.01028	10.991	.31056	.77473
Stddev	.0892	.470	.00020	.00076	.049	.00677	.00125
%RSD	2.0042	.84340	.10254	7.3701	.44473	2.1800	.16075

#1	4.5517	55.291	.19645	-.01114	10.936	.31827	.77554
#2	4.3950	56.232	.19683	-.00972	11.009	.30780	.77535
#3	4.3997	55.750	.19676	-.00998	11.029	.30560	.77330

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.0783	.00072	.38285	2.8786	4.0787	.03765	3.3889
Stddev	.0156	.00050	.01647	.0117	.1686	.00104	.0166
%RSD	.19308	68.574	4.3009	.40473	4.1341	2.7572	.48908

#1	8.0758	.00032	.38735	2.8656	3.8848	.03759	3.3753
#2	8.0951	.00057	.36460	2.8822	4.1602	.03872	3.3841
#3	8.0642	.00128	.39659	2.8881	4.1910	.03665	3.4074

Sample Name: K1687-09 Acquired: 3/18/2019 16:43:20 Type: Unk
 Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: HR-05-031519 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.11154	5.702	.18064	<.00000	F<.00000
Stddev	.00173	.006	.00156	.59562	13.079
%RSD	1.5552	.1043	.86262	22.914	1.4898
#1	.10970	5.700	.17945	-1.9688	-893.05
#2	.11315	5.697	.18240	-2.6770	-870.60
#3	.11177	5.709	.18007	-3.1524	-870.20
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4206.1	45335.	6258.5	32.021	3588.9
Stddev	9.6	737.	21.8	.808	6.3
%RSD	.22859	1.6261	.34837	2.5248	.17685
#1	4195.2	44496.	6282.8	32.758	3581.8
#2	4213.0	45633.	6240.5	32.148	3594.0
#3	4210.2	45877.	6252.2	31.156	3590.7

Sample Name: K1687-11 Acquired: 3/18/2019 16:47:44 Type: Unk
Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HR-05-031519 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01933	-.05386	.79514	-.03229	-.00807	115.52	.72338
Stddev	.00142	.00222	.00224	.00181	.00127	.52	.00958
%RSD	7.3391	4.1282	.28194	5.6174	15.747	.44822	1.3244

#1	.01873	-.05152	.79465	-.03197	-.00933	115.42	.73087
#2	.01831	-.05412	.79318	-.03424	-.00679	115.06	.71258
#3	.02095	-.05595	.79758	-.03066	-.00809	116.08	.72668

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00521	-.00042	61.784	.18294	.09715	.42609	162.25
Stddev	.00007	.00056	.370	.00055	.00061	.00023	1.15
%RSD	1.3104	134.74	.59916	.29917	.63040	.05397	.70842

#1	.00517	-.00065	62.034	.18232	.09785	.42635	162.96
#2	.00529	.00022	61.358	.18312	.09672	.42592	160.93
#3	.00517	-.00082	61.959	.18337	.09689	.42600	162.87

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.2750	42.527	.17855	-.00802	7.5802	.26717	.88870
Stddev	.0035	.210	.00098	.00042	.0835	.00040	.00060
%RSD	.08274	.49385	.54922	5.2872	1.1017	.14902	.06707

#1	4.2724	42.581	.17904	-.00766	7.6666	.26752	.88900
#2	4.2735	42.295	.17742	-.00791	7.4999	.26674	.88801
#3	4.2790	42.704	.17920	-.00849	7.5742	.26725	.88908

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.1721	.00178	-.03804	2.5409	4.3696	.03801	2.7398
Stddev	.0538	.00012	.01512	.0276	.0216	.00142	.0096
%RSD	.58680	6.7517	39.739	1.0862	.49521	3.7358	.35160

#1	9.2260	.00164	-.02208	2.5492	4.3453	.03963	2.7495
#2	9.1183	.00186	-.05214	2.5101	4.3770	.03696	2.7303
#3	9.1720	.00184	-.03989	2.5634	4.3866	.03744	2.7395

Sample Name: K1687-11 Acquired: 3/18/2019 16:47:44 Type: Unk
 Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: HR-05-031519 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.12225	5.152	.13303	<.00000	F<.00000
Stddev	.00336	.022	.00193	.29880	1.7663
%RSD	2.7454	.4274	1.4533	10.590	.22897
#1	.12612	5.151	.13403	-3.1334	-772.01
#2	.12034	5.130	.13080	-2.5378	-769.41
#3	.12028	5.174	.13425	-2.7936	-772.78
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4198.7	45783.	6212.0	33.203	3644.3
Stddev	2.4	73.	39.9	1.168	5.7
%RSD	.05765	.15895	.64303	3.5174	.15644
#1	4200.0	45808.	6171.4	31.857	3643.7
#2	4195.9	45702.	6251.2	33.955	3650.3
#3	4200.2	45841.	6213.5	33.796	3638.9

Sample Name: K1691-09 Acquired: 3/18/2019 16:52:10 Type: Unk
Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-031519 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08763	-.09880	.46722	-.08125	-.00501	146.02	.51986
Stddev	.00286	.00322	.00191	.00339	.00079	.67	.00445
%RSD	3.2634	3.2568	.40898	4.1683	15.865	.45927	.85556

#1	.08507	-.10206	.46912	-.08351	-.00565	146.17	.52450
#2	.09071	-.09563	.46530	-.08289	-.00412	146.60	.51943
#3	.08711	-.09871	.46724	-.07736	-.00525	145.28	.51564

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00564	.00954	1596.0	.12850	.11143	.34184	160.14
Stddev	.00007	.00043	7.0	.00207	.00045	.00168	.46
%RSD	1.2178	4.4897	.43927	1.6095	.40250	.49284	.28573

#1	.00563	.00987	1588.0	.12637	.11092	.34040	160.32
#2	.00558	.00905	1598.8	.13050	.11162	.34369	160.48
#3	.00572	.00969	1601.1	.12864	.11175	.34142	159.62

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2394	258.73	.17613	-.02417	14.234	.36845	1.2172
Stddev	.0014	.33	.00015	.00100	.075	.00398	.0015
%RSD	.02759	.12866	.08545	4.1339	.52744	1.0797	.12486

#1	5.2388	259.11	.17616	-.02499	14.308	.36412	1.2183
#2	5.2410	258.52	.17626	-.02445	14.158	.37194	1.2155
#3	5.2383	258.55	.17596	-.02306	14.237	.36930	1.2179

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.674	.00419	-.09600	F 11.434	4.1730	.03856	4.3120
Stddev	.016	.00039	.01039	.066	.0657	.00182	.0072
%RSD	.12697	9.3357	10.823	.57588	1.5736	4.7226	.16641

#1	12.671	.00442	-.08408	11.380	4.2486	.03654	4.3195
#2	12.659	.00442	-.10314	11.507	4.1399	.04008	4.3115
#3	12.691	.00374	-.10077	11.414	4.1305	.03905	4.3051

Sample Name: K1691-09 Acquired: 3/18/2019 16:52:10 Type: Unk
 Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-01-031519 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.34334	7.304	6.8920	<.00000	F<.00000
Stddev	.00118	.013	.0768	.32164	7.2177
%RSD	.34441	.1751	1.1145	61.833	.88556

#1	.34206	7.293	6.8967	-.43977	-816.11
#2	.34358	7.301	6.9664	-.24637	-821.67
#3	.34438	7.318	6.8130	-.87440	-807.35

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3796.7	41513.	6219.6	28.807	2823.0
Stddev	6.2	158.	18.9	2.025	5.2
%RSD	.16444	.38094	.30421	7.0292	.18542

#1	3803.9	41529.	6206.6	27.745	2823.3
#2	3793.5	41348.	6241.3	31.142	2828.1
#3	3792.8	41663.	6210.8	27.534	2817.7

Sample Name: K1691-11 Acquired: 3/18/2019 16:56:51 Type: Unk
Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-031519 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02923	-.13926	.21681	-.05985	-.00930	137.55	.49525
Stddev	.00250	.00259	.00487	.00102	.00216	.78	.00703
%RSD	8.5556	1.8619	2.2471	1.7063	23.216	.56377	1.4185

#1	.02635	-.13815	.21150	-.05880	-.00714	137.77	.50310
#2	.03088	-.14222	.22107	-.06085	-.00930	136.69	.48956
#3	.03046	-.13741	.21787	-.05991	-.01146	138.20	.49309

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00524	.00480	364.59	.16087	.12043	.46045	188.58
Stddev	.00014	.00035	5.00	.00099	.00057	.00293	3.25
%RSD	2.6683	7.1969	1.3710	.61363	.47394	.63609	1.7218

#1	.00519	.00445	369.61	.16072	.11977	.45707	191.72
#2	.00513	.00514	359.62	.15997	.12071	.46196	185.24
#3	.00540	.00482	364.53	.16192	.12081	.46232	188.79

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.7402	92.962	.19724	-.01682	8.0442	.39655	.89478
Stddev	.0153	1.085	.00140	.00048	.1095	.00235	.00226
%RSD	.40933	1.1673	.70838	2.8495	1.3612	.59356	.25231

#1	3.7471	94.043	.19813	-.01647	8.1443	.39625	.89288
#2	3.7227	91.873	.19797	-.01662	7.9272	.39437	.89728
#3	3.7509	92.970	.19563	-.01736	8.0611	.39904	.89419

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.671	.00348	-.12972	F 10.750	2.5131	.02632	6.7683
Stddev	.381	.00052	.00353	.061	.0432	.00054	.0819
%RSD	1.9351	14.796	2.7201	.56311	1.7198	2.0623	1.2093

#1	20.067	.00406	-.12703	10.688	2.5378	.02690	6.8582
#2	19.308	.00307	-.13372	10.809	2.4631	.02624	6.6981
#3	19.636	.00333	-.12841	10.754	2.5382	.02582	6.7487

Sample Name: K1691-11 Acquired: 3/18/2019 16:56:51 Type: Unk
 Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-01-031519 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.25587	7.523	1.1771	<.00000	F<.00000
Stddev	.00272	.024	.0173	.14284	10.593
%RSD	1.0648	.3126	1.4663	3.4193	1.0413
#1	.25751	7.504	1.1944	-4.0961	-1025.6
#2	.25272	7.550	1.1598	-4.3424	-1005.4
#3	.25737	7.516	1.1772	-4.0939	-1020.9
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4235.9	46388.	6504.0	31.909	3279.8
Stddev	9.0	172.	92.2	1.223	2.5
%RSD	.21293	.37076	1.4172	3.8331	.07495
#1	4244.1	46273.	6405.9	30.496	3281.0
#2	4226.2	46586.	6588.8	32.603	3276.9
#3	4237.2	46305.	6517.3	32.626	3281.3

Sample Name: K1691-13 Acquired: 3/18/2019 17:01:16 Type: Unk
Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-031519 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03436	-.10131	.31756	-.05663	-.01093	146.59	.51366
Stddev	.00280	.00383	.00504	.00150	.00166	1.65	.00444
%RSD	8.1442	3.7846	1.5870	2.6571	15.225	1.1269	.86512

#1	.03498	-.09991	.31282	-.05758	-.01216	144.69	.51636
#2	.03679	-.10564	.31702	-.05742	-.01160	147.64	.51610
#3	.03130	-.09836	.32285	-.05490	-.00904	147.45	.50854

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00616	.00386	302.06	.17283	.12854	.34634	191.67
Stddev	.00038	.00029	1.50	.00055	.00056	.00203	1.33
%RSD	6.2065	7.6164	.49739	.31611	.43245	.58548	.69364

#1	.00660	.00362	300.32	.17223	.12790	.34407	190.92
#2	.00598	.00378	302.94	.17295	.12883	.34698	193.20
#3	.00591	.00419	302.90	.17330	.12890	.34796	190.88

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7764	83.180	.22523	-.01585	11.339	.43568	.88003
Stddev	.0102	.538	.00177	.00037	.088	.00075	.00255
%RSD	.21317	.64704	.78414	2.3629	.78005	.17304	.28930

#1	4.7664	82.559	.22320	-.01607	11.252	.43597	.87862
#2	4.7867	83.511	.22607	-.01607	11.429	.43624	.87850
#3	4.7761	83.469	.22643	-.01542	11.335	.43482	.88297

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.164	.00263	-.09739	F 13.196	2.1091	.02197	4.9242
Stddev	.022	.00029	.00385	.043	.0294	.00047	.0184
%RSD	.13567	11.051	3.9491	.32653	1.3943	2.1251	.37313

#1	16.142	.00261	-.09381	13.150	2.1261	.02186	4.9034
#2	16.186	.00236	-.10146	13.204	2.1261	.02157	4.9309
#3	16.166	.00294	-.09692	13.235	2.0752	.02248	4.9383

Sample Name: K1691-13 Acquired: 3/18/2019 17:01:16 Type: Unk
 Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-01-031519 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.21578	7.116	.63081	<.00000	F<.00000
Stddev	.00134	.018	.00554	.49497	1.9812
%RSD	.62213	.2522	.87873	12.845	.19184

#1	.21466	7.095	.62486	-4.1162	-1033.1
#2	.21542	7.126	.63176	-3.2823	-1030.6
#3	.21727	7.126	.63582	-4.1612	-1034.5

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4199.8	45984.	6438.3	32.114	3345.0
Stddev	3.7	181.	13.5	.606	7.4
%RSD	.08889	.39366	.20973	1.8871	.22005

#1	4196.6	46150.	6433.3	32.284	3350.9
#2	4203.9	45791.	6428.0	31.441	3347.3
#3	4198.8	46011.	6453.6	32.617	3336.7

Sample Name: K1691-15 Acquired: 3/18/2019 17:05:43 Type: Unk
Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-031519 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03611	-.13621	.21813	-.06482	-.01137	146.77	.43970
Stddev	.00224	.00076	.00085	.00326	.00195	.17	.00471
%RSD	6.1917	.55937	.38870	5.0305	17.150	.11697	1.0710

#1	.03712	-.13708	.21910	-.06771	-.01359	146.57	.44348
#2	.03766	-.13568	.21752	-.06546	-.01052	146.88	.44120
#3	.03355	-.13587	.21778	-.06129	-.00998	146.85	.43442

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00570	.00565	448.42	.12584	.11666	.30525	181.70
Stddev	.00027	.00012	2.80	.00038	.00020	.00066	1.17
%RSD	4.7780	2.1798	.62431	.30096	.17537	.21519	.64386

#1	.00542	.00553	449.97	.12542	.11681	.30600	182.99
#2	.00573	.00564	450.11	.12614	.11643	.30482	181.41
#3	.00596	.00577	445.19	.12597	.11674	.30491	180.71

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.8041	107.51	.17492	-.01789	12.250	.37270	.87059
Stddev	.0037	.62	.00061	.00010	.126	.00204	.00040
%RSD	.09624	.57551	.34661	.53643	1.0245	.54834	.04650

#1	3.8000	107.29	.17528	-.01786	12.378	.37035	.87065
#2	3.8053	108.21	.17525	-.01800	12.244	.37395	.87016
#3	3.8071	107.02	.17422	-.01781	12.127	.37382	.87096

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.333	.00459	-.12214	F 14.640	2.0763	.02486	6.5252
Stddev	.137	.00029	.00931	.018	.0568	.00064	.0159
%RSD	.64227	6.3097	7.6202	.12293	2.7341	2.5856	.24410

#1	21.480	.00488	-.11147	14.660	2.0966	.02551	6.5290
#2	21.310	.00430	-.12640	14.633	2.1201	.02483	6.5390
#3	21.209	.00460	-.12856	14.626	2.0121	.02423	6.5078

Sample Name: K1691-15 Acquired: 3/18/2019 17:05:43 Type: Unk
 Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-01-031519 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.27054	7.211	1.3722	<.00000	F<.00000
Stddev	.00292	.001	.0107	.24563	6.3951
%RSD	1.0792	.0160	.77783	5.7833	.64649

#1	.27286	7.213	1.3771	-3.9714	-994.93
#2	.27150	7.211	1.3796	-4.3281	-990.39
#3	.26726	7.211	1.3600	-4.4422	-982.31

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4217.1	46112.	6542.6	30.693	3213.5
Stddev	5.4	61.	56.1	.347	1.4
%RSD	.12860	.13203	.85706	1.1315	.04307

#1	4216.4	46049.	6497.1	30.305	3215.0
#2	4212.0	46118.	6525.4	30.976	3213.2
#3	4222.8	46170.	6605.2	30.797	3212.3

Sample Name: K1691-17 Acquired: 3/18/2019 17:14:32 Type: Unk
Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-031519 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05174	-.15336	.34007	-.06592	-.00980	134.80	.64880
Stddev	.00301	.00427	.00218	.00537	.00088	.25	.00396
%RSD	5.8154	2.7831	.63958	8.1414	8.9541	.18325	.61001

#1	.04867	-.15043	.34119	-.06047	-.01053	134.52	.65335
#2	.05187	-.15826	.34146	-.06610	-.01004	135.00	.64614
#3	.05468	-.15138	.33756	-.07120	-.00883	134.87	.64692

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00637	.00553	321.95	.17929	.13379	.35683	189.42
Stddev	.00021	.00025	1.97	.00043	.00008	.00135	2.20
%RSD	3.2520	4.5760	.61238	.23954	.06127	.37891	1.1625

#1	.00636	.00524	322.83	.17880	.13370	.35684	190.40
#2	.00659	.00570	319.69	.17948	.13385	.35817	186.90
#3	.00618	.00565	323.33	.17959	.13382	.35547	190.97

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.0369	98.233	.20423	-.01594	8.1461	.42639	.93344
Stddev	.0030	.711	.00037	.00022	.0919	.00213	.00217
%RSD	.07358	.72414	.18039	1.3696	1.1278	.49927	.23220

#1	4.0348	98.841	.20409	-.01569	8.2181	.42620	.93094
#2	4.0403	97.451	.20465	-.01610	8.0426	.42436	.93482
#3	4.0355	98.407	.20396	-.01603	8.1774	.42860	.93456

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.724	.00819	-.12021	F 16.921	2.3838	.02533	7.5909
Stddev	.222	.00041	.01073	.056	.0307	.00165	.0179
%RSD	.89817	5.0535	8.9239	.32867	1.2887	6.5058	.23546

#1	24.952	.00776	-.10796	16.858	2.3712	.02720	7.5772
#2	24.508	.00823	-.12474	16.941	2.3614	.02409	7.5843
#3	24.712	.00859	-.12793	16.964	2.4188	.02469	7.6111

Sample Name: K1691-17 Acquired: 3/18/2019 17:14:32 Type: Unk
 Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-01-031519 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.25589	7.375	.78645	<.00000	F<.00000
Stddev	.00132	.010	.00453	.24112	5.3297
%RSD	.51463	.1360	.57591	4.6019	.50550
#1	.25633	7.365	.79124	-5.1829	-1055.3
#2	.25693	7.385	.78224	-5.0319	-1059.1
#3	.25441	7.375	.78587	-5.5040	-1048.6
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4273.4	47307.	6586.2	32.085	3320.0
Stddev	7.9	105.	60.2	.030	4.0
%RSD	.18392	.22265	.91375	.09504	.11913
#1	4269.1	47370.	6550.3	32.088	3318.4
#2	4268.6	47366.	6655.7	32.053	3317.1
#3	4282.5	47186.	6552.7	32.113	3324.5

Sample Name: CCV05 Acquired: 3/18/2019 17:18:56 Type: Unk
Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14695 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.3708	5.1381	5.2185	5.3272	5.3928	10.397	9.9162	.26327
Stddev	.0031	.0049	.0041	.0023	.0130	.142	.0329	.00041
%RSD	.05740	.09479	.07862	.04396	.24135	1.3683	.33203	.15722
#1	5.3684	5.1325	5.2210	5.3251	5.3835	10.269	9.9010	.26329
#2	5.3743	5.1411	5.2207	5.3297	5.3873	10.550	9.9540	.26285
#3	5.3696	5.1407	5.2137	5.3268	5.4077	10.373	9.8937	.26368
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5507	24.738	1.0175	2.6110	1.3163	5.0393	2.6072	24.782
Stddev	.0041	.070	.0035	.0024	.0009	.0289	.0035	.073
%RSD	.16016	.28410	.34061	.09198	.06908	.57420	.13301	.29264
#1	2.5547	24.742	1.0139	2.6138	1.3153	5.0713	2.6034	24.700
#2	2.5508	24.807	1.0179	2.6097	1.3169	5.0315	2.6102	24.809
#3	2.5465	24.666	1.0208	2.6095	1.3167	5.0151	2.6081	24.838
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5078	1.3124	24.670	2.4400	2.6236	25.021	5.1081	4.8140
Stddev	.0035	.0042	.131	.0057	.0015	.071	.0014	.0173
%RSD	.13875	.32331	.53273	.23228	.05604	.28279	.02672	.35925
#1	2.5076	1.3081	24.673	2.4338	2.6252	25.033	5.1066	4.8003
#2	2.5113	1.3126	24.799	2.4413	2.6224	25.085	5.1083	4.8083
#3	2.5044	1.3166	24.537	2.4449	2.6230	24.945	5.1093	4.8334
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0695	5.0879	4.8451	5.1719	5.0367	5.090	5.1810	F 3.4766
Stddev	.0169	.0085	.0056	.0240	.0199	.015	.0187	.2632
%RSD	.33312	.16770	.11511	.46462	.39402	.2867	.36141	7.5715
#1	5.0552	5.0943	4.8424	5.1570	5.0332	5.104	5.1762	3.5961
#2	5.0651	5.0913	4.8414	5.1997	5.0580	5.075	5.2016	3.6589
#3	5.0881	5.0782	4.8516	5.1592	5.0188	5.093	5.1651	3.1748

Sample Name: CCV05 Acquired: 3/18/2019 17:18:56 Type: Unk
Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14695 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.4294
Stddev .9341
%RSD 65.345

#1 .97638
#2 .80831
#3 2.5036

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3776.3	41047.	5444.5	33.185	3668.4
Stddev	5.6	166.	40.6	.236	7.5
%RSD	.14733	.40528	.74643	.70984	.20553

#1	3770.4	40992.	5402.8	33.290	3660.2
#2	3777.0	40914.	5446.7	33.350	3669.8
#3	3781.5	41233.	5484.0	32.915	3675.1

Sample Name: CCB05 Acquired: 3/18/2019 17:22:55 Type: Unk
Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14695 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00152	.00078	F .00324	.00177	-.00206	-.01755	-.01514	.00006
Stddev	.00192	.00183	.00110	.00120	.00062	.01274	.00151	.00005
%RSD	126.41	233.61	33.754	67.561	29.842	72.634	9.9608	81.291
#1	.00060	-.00082	.00222	.00230	-.00175	-.01691	-.01482	.00012
#2	-.00315	.00278	.00440	.00261	-.00277	-.03059	-.01382	.00004
#3	-.00200	.00040	.00312	.00040	-.00167	-.00513	-.01679	.00003
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	.00512	.00008	.00018	-.00009	-.00254	-.00005	-.01863
Stddev	.00005	.01221	.00045	.00031	.00028	.00086	.00008	.02930
%RSD	81.824	238.40	599.82	171.35	313.25	33.925	172.22	157.31
#1	-.00006	.00787	-.00039	-.00002	-.00008	-.00303	-.00007	.00912
#2	-.00002	.01573	.00052	.00053	-.00037	-.00304	-.00012	-.04927
#3	-.00012	-.00823	.00009	.00003	.00018	-.00154	.00004	-.01573
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.00010	-.11693	-.00009	-.00005	-.02102	.00019	-.00108
Stddev	.00024	.00058	.00547	.00005	.00005	.01211	.00011	.00053
%RSD	516.75	562.42	4.6770	61.393	103.08	57.620	56.975	49.283
#1	.00017	-.00010	-.11277	-.00006	-.00011	-.01451	.00030	-.00119
#2	-.00023	-.00035	-.11489	-.00005	-.00002	-.01356	.00019	-.00050
#3	.00021	.00075	-.12312	-.00015	-.00002	-.03500	.00008	-.00155
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00579	.00571	-.00071	-.00048	-.00868	.0027	-.00005	F 1.2737
Stddev	.01008	.00202	.00053	.00057	.00181	.0013	.00008	.7960
%RSD	174.22	35.414	74.598	119.97	20.795	50.36	178.44	62.496
#1	.00354	.00792	-.00112	-.00079	-.00702	.0034	-.00012	2.1808
#2	-.00442	.00394	-.00089	.00018	-.01060	.0011	.00004	.69127
#3	-.01648	.00528	-.00011	-.00083	-.00842	.0035	-.00006	.94919

Sample Name: CCB05 Acquired: 3/18/2019 17:22:55 Type: Unk
 Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14695 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 1.4895
Stddev	1.8738
%RSD	125.80

#1	1.6865
#2	-.47497
#3	3.2570

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3944.7	42823.	5529.9	33.750	4060.1
Stddev	3.0	1074.	54.7	.840	.9
%RSD	.07481	2.5078	.98941	2.4902	.02182

#1	3942.9	41584.	5471.0	32.842	4059.9
#2	3943.2	43482.	5579.1	34.500	4061.0
#3	3948.1	43404.	5539.5	33.908	4059.3

Sample Name: K1697-09 Acquired: 3/18/2019 17:27:23 Type: Unk
Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-01-031519 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02524	-.11085	.44834	-.05789	-.01118	155.25	.59115
Stddev	.00212	.00137	.00204	.00223	.00104	.26	.00518
%RSD	8.4064	1.2394	.45493	3.8449	9.3349	.16434	.87665

#1	.02670	-.11148	.45068	-.05992	-.01228	155.55	.59258
#2	.02281	-.11179	.44696	-.05823	-.01108	155.12	.59546
#3	.02621	-.10927	.44736	-.05551	-.01020	155.09	.58540

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00649	.00423	61.569	.25249	.14157	.40244	203.58
Stddev	.00029	.00012	.199	.00027	.00085	.00102	1.51
%RSD	4.4668	2.9495	.32293	.10636	.60026	.25335	.74202

#1	.00633	.00433	61.406	.25233	.14252	.40266	201.93
#2	.00683	.00409	61.791	.25280	.14130	.40334	204.89
#3	.00632	.00428	61.510	.25234	.14089	.40133	203.93

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.0292	40.251	.20129	-.01366	13.774	.45131	.79650
Stddev	.0059	.312	.00166	.00024	.085	.00565	.00140
%RSD	.14598	.77581	.82438	1.7583	.61956	1.2508	.17620

#1	4.0311	39.930	.20004	-.01373	13.755	.45782	.79788
#2	4.0340	40.554	.20318	-.01339	13.867	.44829	.79507
#3	4.0226	40.270	.20066	-.01386	13.699	.44782	.79655

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.408	-.00016	-.12046	5.5550	3.0165	.05443	5.0404
Stddev	.049	.00013	.01363	.0454	.0205	.00092	.0061
%RSD	.42875	84.789	11.318	.81792	.67992	1.6960	.12079

#1	11.403	-.00022	-.13477	5.6004	3.0391	.05434	5.0336
#2	11.460	-.00000	-.11900	5.5095	2.9991	.05539	5.0451
#3	11.362	-.00025	-.10762	5.5551	3.0114	.05355	5.0426

Sample Name: K1697-09 Acquired: 3/18/2019 17:27:23 Type: Unk
 Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SU-01-031519 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.11367	8.408	.09305	<.00000	F<.00000
Stddev	.00195	.033	.00203	.30541	5.7614
%RSD	1.7143	.3904	2.1841	3.6855	.48252
#1	.11167	8.441	.09534	-8.6385	-1197.0
#2	.11557	8.376	.09234	-8.1331	-1197.7
#3	.11376	8.407	.09146	-8.0887	-1187.4
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4656.4	50932.	6943.8	33.418	3545.2
Stddev	8.0	114.	31.4	.986	6.2
%RSD	.17089	.22382	.45185	2.9497	.17548
#1	4649.7	50811.	6949.1	33.798	3538.4
#2	4654.4	50948.	6910.0	34.157	3550.5
#3	4665.2	51037.	6972.1	32.299	3546.8

Sample Name: K1697-11 Acquired: 3/18/2019 17:31:49 Type: Unk
Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-01-031519 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04676	-.07098	.24040	-.06595	-.01519	139.24	.83365
Stddev	.00286	.00290	.00111	.00483	.00048	.52	.00366
%RSD	6.1188	4.0869	.46272	7.3238	3.1330	.37139	.43946

#1	.04364	-.06904	.23926	-.06316	-.01466	138.67	.83365
#2	.04927	-.06958	.24047	-.06316	-.01536	139.67	.83732
#3	.04737	-.07431	.24148	-.07153	-.01556	139.39	.82999

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00911	.00340	42.802	.20436	.14112	.31785	231.64
Stddev	.00006	.00029	.167	.00150	.00034	.00182	1.47
%RSD	.63026	8.4104	.39088	.73549	.24289	.57160	.63474

#1	.00905	.00307	42.689	.20265	.14088	.31741	232.44
#2	.00911	.00352	42.994	.20550	.14151	.31629	232.54
#3	.00916	.00361	42.722	.20491	.14096	.31985	229.94

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.9230	43.348	.19581	-.01483	6.2423	.38733	.72696
Stddev	.0188	.120	.00080	.00057	.0029	.00161	.00121
%RSD	.31748	.27769	.40799	3.8683	.04587	.41573	.16667

#1	5.9020	43.426	.19601	-.01418	6.2449	.38551	.72566
#2	5.9384	43.210	.19493	-.01527	6.2392	.38792	.72806
#3	5.9284	43.409	.19649	-.01504	6.2426	.38856	.72715

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.9314	.00212	-.16247	2.2211	4.5928	.02958	3.1412
Stddev	.0174	.00026	.01395	.0321	.0449	.00219	.0062
%RSD	.21957	12.041	8.5848	1.4453	.97785	7.3879	.19582

#1	7.9191	.00228	-.14648	2.2192	4.6447	.02892	3.1480
#2	7.9513	.00183	-.16875	2.1900	4.5674	.02780	3.1361
#3	7.9238	.00225	-.17217	2.2542	4.5664	.03202	3.1394

Sample Name: K1697-11 Acquired: 3/18/2019 17:31:49 Type: Unk
Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-01-031519 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.13871	7.787	-.09046	<.00000	F<.00000
Stddev	.00397	.023	.00198	.04004	4.6966
%RSD	2.8587	.2980	2.1911	.51713	.34787

#1	.13413	7.807	-.09156	-7.7787	-1346.8
#2	.14089	7.762	-.09164	-7.6996	-1348.0
#3	.14110	7.793	-.08817	-7.7495	-1355.5

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4544.8	49510.	6774.4	34.124	3598.0
Stddev	9.6	169.	25.1	.533	4.2
%RSD	.21153	.34073	.36983	1.5618	.11623

#1	4547.8	49510.	6763.7	34.568	3602.0
#2	4552.4	49341.	6756.4	34.270	3598.2
#3	4534.0	49678.	6803.0	33.533	3593.7

Sample Name: K1942-01 Acquired: 3/18/2019 17:36:24 Type: Unk
Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CH-WALLS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24543	-.13690	96.286	-.40062	.01183	38.895	.98070
Stddev	.00423	.00577	.200	.00089	.00548	.249	.00996
%RSD	1.7219	4.2137	.20721	.22136	46.369	.64139	1.0155

#1	.24180	-.14240	96.308	-.39963	.01580	38.609	.97056
#2	.25007	-.13089	96.077	-.40132	.01411	39.067	.99046
#3	.24442	-.13742	96.475	-.40092	.00557	39.009	.98109

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01775	.44918	826.26	F 8.4056	1.4916	4.6128	492.47
Stddev	.00022	.00144	3.21	.0301	.0037	.0081	1.10
%RSD	1.2208	.31949	.38822	.35807	.24858	.17580	.22395

#1	.01751	.44929	823.88	8.3766	1.4933	4.6102	493.52
#2	.01778	.44770	824.98	8.4037	1.4873	4.6219	491.32
#3	.01794	.45056	829.91	8.4367	1.4940	4.6064	492.55

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9881	49.139	.04395	-.06492	91.360	2.6397	F 96.272
Stddev	.0106	.377	.00042	.00307	.192	.0126	.659
%RSD	.21279	.76666	.96693	4.7269	.20991	.47659	.68491

#1	4.9864	49.017	.04376	-.06142	91.268	2.6352	96.654
#2	4.9785	48.839	.04366	-.06625	91.581	2.6300	95.510
#3	4.9995	49.562	.04444	-.06711	91.233	2.6540	96.650

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.718	.03499	-.29990	F 752.31	1.0011	-.10020	6.3063
Stddev	.047	.00063	.00805	.54	.0092	.00260	.0199
%RSD	.24925	1.7988	2.6835	.07136	.92441	2.5910	.31543

#1	18.705	.03432	-.30914	752.11	.99934	-.10304	6.2852
#2	18.769	.03506	-.29611	751.89	.99277	-.09962	6.3092
#3	18.678	.03558	-.29445	752.91	1.0110	-.09795	6.3247

Sample Name: K1942-01 Acquired: 3/18/2019 17:36:24 Type: Unk
 Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CH-WALLS Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.57640	9.990	2.3703	<.00000	F<.00000
Stddev	.00430	.009	.0097	.12987	14.121
%RSD	.74594	.0908	.41041	3.8193	.41719

#1	.57349	9.993	2.3597	-3.4431	-3375.7
#2	.57437	9.980	2.3725	-3.2544	-3401.2
#3	.58133	9.998	2.3787	-3.5033	-3377.8

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3301.0	37273.	5370.5	31.340	2966.0
Stddev	3.8	50.	25.2	1.100	6.9
%RSD	.11639	.13449	.46862	3.5092	.23145

#1	3300.5	37323.	5343.0	31.358	2965.3
#2	3297.4	37273.	5392.4	30.231	2973.2
#3	3305.0	37223.	5376.2	32.431	2959.6

Sample Name: K1942-03 Acquired: 3/18/2019 17:40:55 Type: Unk
Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CH-CEILING Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04761	-.08997	4.2371	.00245	-.04283	18.520	.70011	.00085
Stddev	.00154	.00211	.0133	.00175	.00556	.165	.01645	.00003
%RSD	3.2322	2.3483	.31495	71.455	12.991	.89263	2.3498	3.9796
#1	.04633	-.08757	4.2391	.00366	-.04532	18.488	.69779	.00081
#2	.04718	-.09078	4.2229	.00326	-.04671	18.372	.71760	.00088
#3	.04931	-.09155	4.2494	.00044	-.03646	18.698	.68495	.00086
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.63702	640.84	.01099	1.0101	.84650	2.2405	1.1959	50.725
Stddev	.00044	3.59	.00038	.0026	.00178	.0357	.0009	.381
%RSD	.06983	.55999	3.4686	.25577	.20980	1.5938	.07705	.75121
#1	.63752	639.28	.01056	1.0071	.84785	2.2415	1.1954	50.738
#2	.63687	644.95	.01129	1.0111	.84716	2.2756	1.1970	51.100
#3	.63668	638.30	.01112	1.0120	.84449	2.2042	1.1954	50.338
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01898	.02602	5.6726	.04912	F 128.49	7.6000	-.00654	.17004
Stddev	.00022	.00015	.0468	.00052	1.37	.0338	.00100	.00040
%RSD	1.1673	.56485	.82420	1.0684	1.0627	.44450	15.348	.23682
#1	.01923	.02601	5.7045	.04852	129.96	7.6346	-.00594	.17006
#2	.01890	.02587	5.6944	.04952	128.23	7.5983	-.00770	.16964
#3	.01881	.02617	5.6190	.04931	127.26	7.5671	-.00598	.17044
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 937.55	.85318	-.32744	5.2167	.11557	3.673	4.0386	5.8393
Stddev	.63	.00885	.00066	.0135	.00426	.009	.0216	.2374
%RSD	.06690	1.0375	.20205	.25895	3.6840	.2343	.53352	4.0664
#1	936.85	.85849	-.32667	5.2039	.11066	3.681	4.0369	5.9810
#2	938.06	.85809	-.32776	5.2308	.11784	3.673	4.0610	5.5652
#3	937.74	.84296	-.32787	5.2154	.11822	3.664	4.0180	5.9717

Sample Name: K1942-03 Acquired: 3/18/2019 17:40:55 Type: Unk
 Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CH-CEILING Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	18.408
Stddev	1.060
%RSD	5.7572

#1	19.564
#2	18.176
#3	17.483

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3387.2	37721.	5381.4	31.124	3275.9
Stddev	7.8	111.	69.1	1.502	2.1
%RSD	.23036	.29296	1.2841	4.8249	.06375

#1	3379.4	37605.	5350.4	31.379	3273.6
#2	3387.4	37825.	5333.3	29.511	3277.6
#3	3395.0	37734.	5460.6	32.482	3276.6

Sample Name: K1956-01 Acquired: 3/18/2019 17:45:18 Type: Unk
Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00846	-.01717	.02154	-.00788	-.00623	22.894	.06687
Stddev	.00146	.00191	.00059	.00218	.00040	.023	.00054
%RSD	17.237	11.137	2.7215	27.594	6.4984	.09923	.80096

#1	.00994	-.01696	.02110	-.00551	-.00584	22.914	.06747
#2	.00843	-.01918	.02221	-.00977	-.00665	22.870	.06644
#3	.00702	-.01537	.02133	-.00838	-.00620	22.899	.06672

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00111	-.00169	6.7146	.04335	.01783	.06418	61.550
Stddev	.00008	.00008	.0255	.00077	.00012	.00044	.278
%RSD	7.2852	4.8164	.37966	1.7697	.68330	.69279	.45199

#1	.00104	-.00178	6.7072	.04258	.01782	.06374	61.483
#2	.00109	-.00162	6.7430	.04412	.01796	.06463	61.856
#3	.00120	-.00168	6.6937	.04335	.01772	.06418	61.312

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.42819	5.2488	.01873	-.00164	.77563	.13629	.23005
Stddev	.00097	.0320	.00078	.00066	.01103	.00038	.00909
%RSD	.22596	.60959	4.1913	40.293	1.4217	.27781	3.9491

#1	.42708	5.2690	.01886	-.00182	.78086	.13587	.23925
#2	.42867	5.2655	.01944	-.00219	.76296	.13661	.22983
#3	.42882	5.2119	.01789	-.00091	.78307	.13639	.22108

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0875	-.00021	.06302	.42692	2.2178	.00031	1.1158
Stddev	.0360	.00015	.00528	.02575	.0154	.00056	.0017
%RSD	3.3090	71.556	8.3847	6.0313	.69640	178.08	.15357

#1	1.0963	-.00029	.05748	.45650	2.2026	.00045	1.1178
#2	1.0479	-.00004	.06801	.40955	2.2335	-.00030	1.1148
#3	1.1183	-.00031	.06359	.41470	2.2173	.00079	1.1149

Sample Name: K1956-01 Acquired: 3/18/2019 17:45:18 Type: Unk
 Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-7 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00166	.6145	-.03592	<.00000	F<.00000
Stddev	.00139	.0043	.00043	.29963	1.6631
%RSD	83.383	.7067	1.1986	20.725	.67454

#1	-.00060	.6129	-.03570	-1.1275	-246.45
#2	-.00116	.6194	-.03642	-1.7224	-248.27
#3	-.00323	.6111	-.03564	-1.4873	-244.95

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4114.0	45874.	6013.6	35.136	3988.3
Stddev	10.6	49.	8.4	.530	11.0
%RSD	.25786	.10593	.14019	1.5092	.27589

#1	4107.3	45922.	6017.1	34.525	3986.7
#2	4108.5	45875.	6004.0	35.408	3978.1
#3	4126.2	45825.	6019.7	35.475	4000.0

Sample Name: K1956-05 Acquired: 3/18/2019 17:49:39 Type: Unk
Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04690	-.03207	.04980	-.04804	-.01140	131.26	.23314
Stddev	.00281	.00172	.00149	.00182	.00146	.90	.00122
%RSD	5.9834	5.3688	2.9834	3.7909	12.852	.68205	.52405

#1	.04601	-.03128	.04822	-.04628	-.01187	131.59	.23344
#2	.04465	-.03405	.05118	-.04992	-.01257	131.95	.23418
#3	.05004	-.03088	.04998	-.04794	-.00976	130.25	.23179

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00898	-.00213	2.4906	.07475	.04883	.05793	180.55
Stddev	.00023	.00018	.0313	.00061	.00040	.00073	1.08
%RSD	2.5973	8.5864	1.2556	.81565	.82438	1.2650	.59775

#1	.00885	-.00209	2.4566	.07526	.04923	.05743	181.11
#2	.00925	-.00233	2.5180	.07491	.04843	.05758	181.23
#3	.00885	-.00197	2.4973	.07408	.04884	.05877	179.30

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.92461	5.2651	.05315	-.00787	.12423	.16272	.26679
Stddev	.00055	.0144	.00076	.00029	.00221	.00057	.00270
%RSD	.05943	.27318	1.4368	3.6844	1.7790	.34750	1.0110

#1	.92398	5.2522	.05339	-.00760	.12194	.16330	.26946
#2	.92498	5.2806	.05229	-.00818	.12636	.16270	.26683
#3	.92488	5.2626	.05376	-.00784	.12439	.16217	.26407

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1212	-.00307	-.10824	1.0235	4.1868	.00526	1.5015
Stddev	.0233	.00051	.00964	.0227	.0456	.00034	.0060
%RSD	1.0972	16.510	8.9059	2.2158	1.0900	6.4235	.40186

#1	2.0972	-.00332	-.10066	1.0442	4.1467	.00489	1.5019
#2	2.1436	-.00341	-.10497	1.0270	4.2365	.00555	1.5072
#3	2.1230	-.00249	-.11909	.99929	4.1774	.00535	1.4952

Sample Name: K1956-05 Acquired: 3/18/2019 17:49:39 Type: Unk
 Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-8 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00693	3.388	-.18317	<.00000	F<.00000
Stddev	.00015	.005	.00108	.23123	6.3577
%RSD	2.2232	.1584	.59118	5.6553	.70828
#1	.00688	3.394	-.18382	-3.8513	-900.83
#2	.00710	3.383	-.18376	-4.3132	-890.30
#3	.00680	3.389	-.18192	-4.1020	-901.74
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4276.1	46743.	6292.8	34.216	3802.4
Stddev	4.4	226.	18.1	2.778	4.3
%RSD	.10238	.48376	.28813	8.1185	.11431
#1	4271.0	46526.	6286.3	32.475	3807.1
#2	4278.3	46726.	6278.8	37.419	3798.6
#3	4278.9	46977.	6313.3	32.754	3801.3

Sample Name: K1958-01 Acquired: 3/18/2019 17:54:12 Type: Unk
Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02894	-.05118	.16375	-.06100	-.01118	191.86	.82543
Stddev	.00053	.00254	.00333	.00180	.00093	.62	.00604
%RSD	1.8319	4.9529	2.0322	2.9523	8.3342	.32434	.73189

#1	.02833	-.04865	.16011	-.06085	-.01204	191.56	.82832
#2	.02916	-.05119	.16453	-.06287	-.01019	192.58	.82949
#3	.02932	-.05372	.16663	-.05928	-.01130	191.45	.81849

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00972	.00264	7.3424	.18450	.12385	.11353	197.63
Stddev	.00037	.00027	.0480	.00028	.00073	.00025	.24
%RSD	3.7773	10.274	.65320	.15160	.58570	.21917	.12236

#1	.00930	.00256	7.3103	.18418	.12454	.11379	197.88
#2	.00997	.00242	7.3976	.18463	.12309	.11330	197.40
#3	.00989	.00294	7.3194	.18469	.12391	.11348	197.61

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9454	28.035	.18409	-.01086	.50897	.27315	.60957
Stddev	.0178	.187	.00028	.00015	.01372	.00063	.00173
%RSD	.35967	.66866	.15174	1.3908	2.6951	.23019	.28363

#1	4.9427	28.231	.18413	-.01069	.51978	.27246	.61146
#2	4.9644	28.015	.18379	-.01094	.51359	.27370	.60919
#3	4.9291	27.858	.18434	-.01096	.49354	.27328	.60807

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.0965	-.00141	-.14333	1.0945	8.2557	.01538	1.9900
Stddev	.0102	.00014	.00381	.0255	.1150	.00124	.0212
%RSD	.12545	9.9041	2.6579	2.3267	1.3928	8.0626	1.0656

#1	8.1081	-.00129	-.13897	1.1148	8.3329	.01397	1.9878
#2	8.0898	-.00138	-.14603	1.1027	8.3107	.01583	2.0122
#3	8.0914	-.00157	-.14498	1.0659	8.1236	.01632	1.9699

Sample Name: K1958-01 Acquired: 3/18/2019 17:54:12 Type: Unk
 Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-1 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.11553	5.719	-.15927	<.00000	F<.00000
Stddev	.00320	.012	.00036	.19146	9.4537
%RSD	2.7688	.2158	.22865	2.2013	.79883
#1	.11610	5.734	-.15936	-8.4958	-1174.0
#2	.11841	5.712	-.15887	-8.7204	-1183.4
#3	.11209	5.712	-.15958	-8.8766	-1192.9
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4718.1	51314.	7003.2	32.088	3650.2
Stddev	3.9	131.	30.1	.292	2.4
%RSD	.08334	.25621	.42988	.91014	.06582
#1	4715.4	51265.	6985.4	32.168	3652.5
#2	4716.3	51213.	6986.2	31.764	3647.7
#3	4722.6	51463.	7038.0	32.332	3650.3

Sample Name: K1958-03 Acquired: 3/18/2019 17:58:47 Type: Unk
Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01746	-.03691	.07060	-.04629	-.00868	148.26	.61474
Stddev	.00212	.00149	.00079	.00192	.00063	4.27	.00326
%RSD	12.152	4.0247	1.1119	4.1383	7.2110	2.8835	.53086

#1	.01585	-.03791	.07004	-.04409	-.00932	150.43	.61253
#2	.01986	-.03761	.07027	-.04718	-.00863	143.33	.61319
#3	.01666	-.03520	.07150	-.04759	-.00807	151.01	.61849

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00630	-.00136	5.6444	.15173	.08545	.09609	172.42
Stddev	.00035	.00022	.0080	.00554	.00039	.00100	.66
%RSD	5.5673	15.906	.14151	3.6533	.46008	1.0420	.38475

#1	.00647	-.00140	5.6454	.15315	.08546	.09717	173.17
#2	.00590	-.00155	5.6360	.14562	.08505	.09518	172.17
#3	.00654	-.00112	5.6519	.15643	.08584	.09593	171.92

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6927	20.028	.12913	-.00643	.70014	.20764	.47166
Stddev	.1204	.076	.00107	.00064	.00616	.00784	.00195
%RSD	2.5647	.38078	.82768	9.8726	.88025	3.7781	.41382

#1	4.7690	20.091	.12951	-.00655	.70707	.21100	.47338
#2	4.5540	20.050	.12996	-.00575	.69528	.19868	.47206
#3	4.7552	19.944	.12793	-.00700	.69807	.21325	.46954

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.4883	-.00137	-.10202	.84732	6.4264	.01005	1.6834
Stddev	.0244	.00055	.01003	.00984	.0600	.00091	.0098
%RSD	.37574	40.118	9.8297	1.1616	.93400	9.0377	.58323

#1	6.5162	-.00197	-.09788	.85863	6.4092	.00903	1.6926
#2	6.4710	-.00088	-.09473	.84071	6.3769	.01077	1.6731
#3	6.4776	-.00127	-.11346	.84261	6.4932	.01036	1.6847

Sample Name: K1958-03 Acquired: 3/18/2019 17:58:47 Type: Unk
Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-2 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.07318	3.998	-.14791	<.00000	F<.00000
Stddev	.00097	.003	.00074	.95461	8.0041
%RSD	1.3275	.0709	.49965	19.261	.93705
#1	.07209	4.000	-.14873	-4.6432	-845.56
#2	.07346	3.999	-.14768	-6.0279	-855.64
#3	.07397	3.995	-.14731	-4.1972	-861.37
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4299.2	47484.	6344.4	34.089	3744.3
Stddev	7.8	1372.	21.7	1.653	2.8
%RSD	.18055	2.8894	.34177	4.8503	.07476
#1	4290.3	46711.	6319.5	35.911	3742.4
#2	4302.9	49068.	6355.3	32.684	3743.0
#3	4304.4	46672.	6358.6	33.673	3747.5

Sample Name: K1958-05 Acquired: 3/18/2019 18:03:23 Type: Unk
Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01739	-.04405	.05718	-.04344	-.00681	141.00	.51010
Stddev	.00304	.00105	.00089	.00394	.00384	.62	.00542
%RSD	17.458	2.3788	1.5571	9.0817	56.486	.43837	1.0635

#1	.01915	-.04526	.05673	-.03985	-.00411	141.70	.50885
#2	.01388	-.04346	.05661	-.04766	-.01121	140.74	.50542
#3	.01913	-.04342	.05821	-.04280	-.00510	140.55	.51605

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00528	-.00183	6.8042	.13814	.07176	.10304	169.01
Stddev	.00008	.00020	.0548	.00059	.00067	.00089	1.04
%RSD	1.4774	10.880	.80532	.42468	.93713	.86773	.61355

#1	.00526	-.00206	6.8675	.13746	.07099	.10204	170.21
#2	.00522	-.00172	6.7730	.13845	.07223	.10334	168.43
#3	.00537	-.00172	6.7721	.13850	.07205	.10375	168.39

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.7616	20.199	.11505	-.00656	.71080	.20788	.35123
Stddev	.0058	.143	.00042	.00026	.01752	.00119	.00068
%RSD	.15309	.70594	.36109	4.0021	2.4650	.57305	.19252

#1	3.7555	20.088	.11518	-.00629	.70846	.20650	.35052
#2	3.7623	20.149	.11459	-.00681	.69457	.20862	.35132
#3	3.7669	20.360	.11539	-.00657	.72938	.20851	.35186

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.1352	-.00191	-.09708	.63810	8.5390	.00908	2.1643
Stddev	.0303	.00019	.00724	.01594	.0653	.00096	.0154
%RSD	.42541	10.005	7.4622	2.4978	.76419	10.594	.71326

#1	7.1698	-.00185	-.09651	.64635	8.6127	.00924	2.1820
#2	7.1232	-.00212	-.10459	.61973	8.5156	.00996	2.1570
#3	7.1127	-.00175	-.09013	.64822	8.4887	.00805	2.1538

Sample Name: K1958-05 Acquired: 3/18/2019 18:03:23 Type: Unk
 Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-3 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.06963	3.521	-.13769	<.00000	F<.00000
Stddev	.00191	.015	.00097	.22631	6.5460
%RSD	2.7460	.4155	.70185	8.8531	.80258
#1	.07174	3.508	-.13874	-2.4028	-808.14
#2	.06802	3.520	-.13750	-2.4497	-820.31
#3	.06912	3.537	-.13683	-2.8161	-818.41
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4199.0	45574.	6193.5	34.746	3721.6
Stddev	5.1	163.	21.2	.372	1.8
%RSD	.12063	.35708	.34239	1.0698	.04709
#1	4203.7	45401.	6169.0	34.826	3721.1
#2	4199.7	45596.	6205.2	34.340	3723.5
#3	4193.7	45724.	6206.3	35.070	3720.2

Sample Name: K1933-05 Acquired: 3/18/2019 18:07:53 Type: Unk
Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: S-5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-0.01172	-0.02848	2.4535	-0.23261	-0.02747	81.681	2.4041
Stddev	.00275	.00192	.0057	.00954	.00310	.388	.0077
%RSD	23.417	6.7424	.23351	4.1026	11.281	.47472	.32254

#1	-0.01395	-0.02853	2.4475	-0.22304	-0.02584	81.250	2.4085
#2	-0.01256	-0.03037	2.4589	-0.24212	-0.02553	81.791	2.4087
#3	-0.00866	-0.02653	2.4543	-0.23267	-0.03105	82.002	2.3951

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00868	.01471	193.49	.12227	.02965	.48905	427.95
Stddev	.00011	.00058	.37	.00028	.00020	.00077	3.10
%RSD	1.2616	3.9110	.19350	.22791	.65781	.15682	.72416

#1	.00858	.01419	193.70	.12229	.02974	.48841	429.54
#2	.00880	.01461	193.71	.12198	.02943	.48990	429.92
#3	.00868	.01533	193.06	.12254	.02979	.48883	424.37

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.8115	5.3735	.01971	-0.03505	2.0071	.11315	2.7752
Stddev	.0036	.0457	.00053	.00109	.0180	.00065	.0026
%RSD	.12716	.84976	2.6853	3.1016	.89644	.57248	.09474

#1	2.8118	5.3252	.01917	-0.03445	2.0213	.11250	2.7756
#2	2.8078	5.3793	.02023	-0.03440	2.0130	.11315	2.7724
#3	2.8149	5.4159	.01974	-0.03631	1.9869	.11380	2.7776

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.5970	.00244	-0.48357	F 24.038	3.9886	.97432	.50379
Stddev	.0174	.00031	.00819	.021	.0096	.00336	.00615
%RSD	1.0862	12.605	1.6939	.08661	.24158	.34446	1.2211

#1	1.6035	.00268	-0.47416	24.014	3.9991	.97063	.49669
#2	1.5773	.00253	-0.48745	24.052	3.9801	.97719	.50756
#3	1.6102	.00209	-0.48909	24.049	3.9866	.97514	.50712

Sample Name: K1933-05 Acquired: 3/18/2019 18:07:53 Type: Unk
Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: S-5 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.02868	4.163	.52856	<.00000	F<.00000
Stddev	.00126	.016	.00233	.14263	2.9633
%RSD	4.3955	.3924	.44113	4.9083	.11578
#1	.02723	4.145	.52587	-3.0137	-2559.3
#2	.02947	4.169	.52978	-2.7441	-2556.7
#3	.02934	4.176	.53002	-2.9596	-2562.6
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3641.8	39813.	5529.0	34.740	3485.2
Stddev	4.2	45.	39.2	1.389	9.5
%RSD	.11535	.11192	.70889	3.9990	.27285
#1	3645.7	39828.	5497.0	35.833	3490.8
#2	3642.5	39848.	5517.2	33.177	3490.6
#3	3637.4	39763.	5572.7	35.210	3474.2

Sample Name: CCV06 Acquired: 3/18/2019 18:12:10 Type: Unk
Method: P4-ICP2(v2954) 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	5.2983	5.0159	5.1353	5.2262	5.3053	10.333	9.6205	.26139
Stddev	.0546	.0420	.0480	.0409	.0530	.133	.0731	.00094
%RSD	1.0306	.83626	.93515	.78230	.99985	1.2829	.76017	.35887
#1	5.2353	4.9675	5.0804	5.1790	5.2440	10.200	9.6710	.26246
#2	5.3273	5.0396	5.1554	5.2507	5.3347	10.333	9.6540	.26072
#3	5.3323	5.0407	5.1699	5.2489	5.3371	10.465	9.5367	.26098
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4784	24.197	1.0007	2.5532	1.2863	4.9175	2.5719	24.341
Stddev	.0237	.146	.0014	.0258	.0144	.0474	.0026	.112
%RSD	.95600	.60278	.13472	1.0114	1.1154	.96474	.10209	.45953
#1	2.4512	24.036	1.0003	2.5236	1.2697	4.9654	2.5722	24.425
#2	2.4889	24.233	1.0022	2.5651	1.2951	4.9167	2.5743	24.214
#3	2.4950	24.321	.99963	2.5709	1.2940	4.8705	2.5691	24.384
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4357	1.3054	23.483	2.3746	2.6182	24.183	4.9615	4.6891
Stddev	.0203	.0027	.184	.0037	.0246	.179	.0486	.0104
%RSD	.83241	.20758	.78285	.15583	.94163	.73967	.98040	.22287
#1	2.4124	1.3049	23.617	2.3733	2.5901	24.296	4.9054	4.6849
#2	2.4457	1.3029	23.558	2.3788	2.6287	24.276	4.9923	4.6814
#3	2.4491	1.3083	23.273	2.3718	2.6360	23.977	4.9867	4.7010
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9650	5.0002	4.6884	5.0987	4.9039	4.956	5.0750	F 3.7501
Stddev	.0364	.0439	.0489	.0059	.0357	.027	.0336	.2723
%RSD	.73395	.87849	1.0425	.11552	.72735	.5380	.66251	7.2622
#1	4.9230	5.0509	4.6330	5.0947	4.9242	4.926	5.0997	3.9786
#2	4.9840	4.9749	4.7067	5.1055	4.9249	4.965	5.0886	3.8230
#3	4.9880	4.9748	4.7255	5.0960	4.8628	4.978	5.0367	3.4488

Sample Name: CCV06 Acquired: 3/18/2019 18:12:10 Type: Unk
 Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 2.1275
Stddev	1.1792
%RSD	55.425

#1	1.4776
#2	3.4887
#3	1.4163

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3775.1	40991.	5524.7	31.272	3682.9
Stddev	28.5	63.	60.3	.625	27.3
%RSD	.75384	.15319	1.0922	1.9992	.74150

#1	3807.9	40958.	5465.7	31.725	3714.4
#2	3756.6	40953.	5522.3	31.533	3667.2
#3	3760.9	41064.	5586.3	30.559	3666.9

Sample Name: CCB06 Acquired: 3/18/2019 18:16:09 Type: Unk
Method: P4-ICP2(v2954) 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	-.00109	.00007	.00587	.00384	-.00212	-.01072	-.01949	.00009
Stddev	.00104	.00130	.00117	.00068	.00090	.00954	.00438	.00002
%RSD	95.398	1963.3	19.913	17.804	42.370	89.043	22.446	24.753
#1	-.00101	-.00138	.00722	.00423	-.00109	-.00397	-.02195	.00007
#2	-.00218	.00113	.00512	.00423	-.00273	-.02164	-.02208	.00011
#3	-.00009	.00045	.00527	.00305	-.00255	-.00655	-.01444	.00007
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	.00239	.00031	.00020	-.00022	-.00123	.00000	-.00088
Stddev	.00007	.01164	.00020	.00015	.00060	.00078	.00006	.04634
%RSD	208.80	487.86	65.085	74.584	276.00	63.698	1619.0	5243.6
#1	-.00006	.01573	.00028	.00008	-.00091	-.00063	-.00005	.00374
#2	.00004	-.00288	.00012	.00015	.00022	-.00094	.00007	-.04937
#3	-.00008	-.00569	.00053	.00038	.00003	-.00212	-.00001	.04297
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	.00029	-.11836	.00031	.01751	-.04562	.00021	.00225
Stddev	.00024	.00044	.00665	.00036	.00037	.02433	.00023	.00500
%RSD	292.25	151.37	5.6180	115.65	2.0947	53.326	109.04	221.97
#1	-.00003	.00028	-.12297	.00007	.01788	-.04835	.00032	.00262
#2	.00036	-.00014	-.12138	.00013	.01748	-.06847	.00036	.00706
#3	-.00008	.00075	-.11074	.00072	.01715	-.02004	-.00005	-.00292
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01588	.00458	-.00085	-.00077	-.00809	.0033	.00003	1.2775
Stddev	.00739	.00119	.00009	.00084	.00186	.0006	.00010	.5123
%RSD	46.547	25.995	11.061	108.55	23.043	18.07	351.99	40.104
#1	.01584	.00346	-.00074	-.00110	-.00593	.0034	.00001	1.7564
#2	.00850	.00583	-.00089	-.00140	-.00916	.0038	.00014	1.3389
#3	.02328	.00445	-.00092	.00018	-.00916	.0026	-.00006	.73728

Sample Name: CCB06 Acquired: 3/18/2019 18:16:09 Type: Unk
 Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.0666
Stddev	1.9853
%RSD	186.13

#1	-.42767
#2	3.3194
#3	.30817

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3900.9	43117.	5559.9	33.500	4057.7
Stddev	2.4	397.	47.4	2.209	6.4
%RSD	.06280	.92058	.85211	6.5943	.15777

#1	3898.2	42672.	5513.9	33.567	4054.7
#2	3903.0	43247.	5557.2	35.675	4065.1
#3	3901.6	43433.	5608.5	31.258	4053.4

Sample Name: K1933-06 Acquired: 3/18/2019 18:26:35 Type: Unk
Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: S-6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02548	-.01048	3.1328	-.02284	-.00110	55.724	.61680
Stddev	.00220	.00122	.0078	.00405	.00041	.132	.00289
%RSD	8.6502	11.668	.24897	17.715	36.946	.23739	.46861

#1	.02798	-.00910	3.1369	-.02286	-.00086	55.870	.61955
#2	.02465	-.01093	3.1376	-.02687	-.00157	55.687	.61379
#3	.02382	-.01142	3.1238	-.01878	-.00087	55.613	.61706

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.00616	18.728	.11944	.01042	.79464	98.609
Stddev	.00008	.00014	.114	.00095	.00025	.00378	.288
%RSD	352.87	2.2276	.60788	.79361	2.3752	.47551	.29165

#1	.00006	.00612	18.776	.12046	.01015	.79900	98.620
#2	-.00003	.00631	18.598	.11927	.01048	.79242	98.316
#3	-.00009	.00604	18.810	.11859	.01063	.79249	98.891

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.58750	3.7672	.03427	.00775	.40173	.09246	1.7432
Stddev	.00062	.0114	.00014	.00057	.00695	.00026	.0054
%RSD	.10551	.30322	.42150	7.3839	1.7304	.28496	.30833

#1	.58762	3.7541	.03438	.00842	.40732	.09277	1.7492
#2	.58682	3.7725	.03411	.00742	.40392	.09233	1.7418
#3	.58805	3.7750	.03433	.00743	.39395	.09229	1.7387

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.8954	.00382	-.03696	4.4055	3.3594	.17512	.48028
Stddev	.0479	.00011	.00788	.0356	.0145	.00097	.00118
%RSD	2.5296	2.9261	21.323	.80822	.43178	.55307	.24646

#1	1.9507	.00392	-.02857	4.4130	3.3733	.17623	.48021
#2	1.8675	.00384	-.03810	4.4368	3.3605	.17442	.48149
#3	1.8680	.00370	-.04421	4.3668	3.3444	.17471	.47913

Sample Name: K1933-06 Acquired: 3/18/2019 18:26:35 Type: Unk
 Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: S-6 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00026	4.545	.01421	.27382	F<.00000
Stddev	.00017	.028	.00013	.06755	2.6085
%RSD	66.684	.6146	.92162	24.669	.66578
#1	.00015	4.574	.01419	.33201	-394.71
#2	.00046	4.543	.01409	.28971	-389.68
#3	.00017	4.518	.01435	.19974	-391.00
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3862.1	43133.	5658.2	35.800	3884.6
Stddev	13.3	202.	21.6	2.531	12.0
%RSD	.34421	.46849	.38234	7.0705	.30967
#1	3856.1	42903.	5636.4	32.896	3874.0
#2	3852.8	43214.	5679.7	37.536	3882.0
#3	3877.3	43282.	5658.4	36.969	3897.7

Sample Name: K1933-07 Acquired: 3/18/2019 18:30:50 Type: Unk
Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: S-7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01000	-.00921	3.4261	-.01260	-.00467	53.156	1.0883
Stddev	.00252	.00065	.0079	.00395	.00049	.845	.0040
%RSD	25.171	7.0095	.23147	31.352	10.437	1.5903	.36267

#1	.01232	-.00927	3.4308	-.01222	-.00438	53.739	1.0876
#2	.01035	-.00982	3.4307	-.00885	-.00440	53.543	1.0848
#3	.00732	-.00854	3.4170	-.01672	-.00523	52.186	1.0926

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	.00790	12.063	.08973	.00711	.15877	61.796
Stddev	.00005	.00019	.038	.00177	.00019	.00083	.214
%RSD	119.51	2.4134	.31412	1.9684	2.6210	.52330	.34608

#1	-.00009	.00778	12.023	.09116	.00731	.15837	61.632
#2	-.00004	.00812	12.068	.09027	.00708	.15972	62.038
#3	.00001	.00780	12.099	.08776	.00694	.15821	61.720

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.65124	1.8181	.01991	-.00064	.04937	.08255	.91421
Stddev	.01272	.0321	.00031	.00007	.00867	.00163	.00251
%RSD	1.9527	1.7645	1.5813	11.442	17.569	1.9754	.27472

#1	.65740	1.8491	.01956	-.00072	.04003	.08321	.91414
#2	.65971	1.7851	.02000	-.00063	.05088	.08375	.91675
#3	.63662	1.8200	.02017	-.00057	.05718	.08069	.91173

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4486	.00154	-.02100	2.2208	3.9149	.18593	.40821
Stddev	.0159	.00028	.00795	.0206	.0133	.00044	.00415
%RSD	1.1005	18.129	37.864	.92896	.33889	.23671	1.0160

#1	1.4304	.00130	-.02612	2.2406	3.9287	.18597	.40493
#2	1.4551	.00185	-.01184	2.2223	3.9022	.18634	.40682
#3	1.4602	.00147	-.02504	2.1994	3.9138	.18547	.41287

Sample Name: K1933-07 Acquired: 3/18/2019 18:30:50 Type: Unk
 Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: S-7 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00158	1.663	.01072	.46429	F<.00000
Stddev	.00080	.005	.00060	.53013	1.5257
%RSD	50.589	.3158	5.5663	114.18	.64586

#1	-.00213	1.663	.01072	.70645	-236.68
#2	-.00066	1.668	.01013	.83010	-234.53
#3	-.00195	1.658	.01132	-.14368	-237.48

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3881.3	43682.	5694.4	35.362	3924.0
Stddev	9.2	681.	21.4	.697	11.0
%RSD	.23633	1.5599	.37496	1.9703	.28123

#1	3880.5	43220.	5713.0	35.943	3927.7
#2	3872.6	43361.	5699.2	35.553	3911.6
#3	3890.9	44464.	5671.1	34.589	3932.7

Sample Name: K1933-08 Acquired: 3/18/2019 18:35:07 Type: Unk
Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: S-8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02599	-.01904	2.7588	-.04869	-.00914	83.556	.74900
Stddev	.00263	.00043	.0097	.00345	.00242	.342	.00351
%RSD	10.113	2.2758	.35172	7.0893	26.508	.40937	.46828

#1	.02411	-.01862	2.7699	-.04619	-.01071	83.264	.74773
#2	.02487	-.01949	2.7521	-.05262	-.01036	83.932	.74630
#3	.02900	-.01899	2.7544	-.04725	-.00635	83.471	.75296

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00091	.00333	34.500	.18045	.02461	.23250	173.07
Stddev	.00054	.00012	.150	.00044	.00004	.00148	1.64
%RSD	58.854	3.5361	.43539	.24418	.18087	.63745	.94561

#1	.00145	.00320	34.422	.17994	.02457	.23419	172.49
#2	.00037	.00342	34.404	.18071	.02466	.23190	171.80
#3	.00091	.00337	34.673	.18070	.02460	.23141	174.92

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0553	6.2911	.05154	-.00457	.34595	.15531	1.9758
Stddev	.0029	.0847	.00053	.00016	.00398	.00058	.0011
%RSD	.27978	1.3458	1.0362	3.4681	1.1499	.37119	.05765

#1	1.0542	6.3017	.05103	-.00446	.34394	.15594	1.9770
#2	1.0532	6.2016	.05150	-.00450	.34338	.15519	1.9749
#3	1.0587	6.3699	.05209	-.00475	.35053	.15480	1.9754

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5847	.00858	-.09074	4.1447	2.5467	.44798	.87330
Stddev	.0280	.00011	.01309	.0078	.0130	.00059	.00515
%RSD	1.0820	1.2962	14.429	.18888	.51097	.13257	.58987

#1	2.5951	.00863	-.07797	4.1389	2.5323	.44776	.86843
#2	2.5530	.00845	-.09010	4.1416	2.5578	.44753	.87278
#3	2.6059	.00866	-.10413	4.1536	2.5499	.44865	.87869

Sample Name: K1933-08 Acquired: 3/18/2019 18:35:07 Type: Unk
 Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: S-8 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.02929	6.064	-.00101	<.00000	F<.00000
Stddev	.00485	.006	.00179	.26541	5.2782
%RSD	16.572	.1078	176.97	106.33	.68675

#1	.02830	6.056	-.00115	-.24729	-764.15
#2	.02501	6.067	.00084	-.51615	-774.41
#3	.03456	6.068	-.00273	.01465	-767.14

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3864.2	42578.	5680.6	34.776	3780.7
Stddev	6.1	14.	44.8	1.039	6.0
%RSD	.15750	.03280	.78822	2.9863	.15965

#1	3857.7	42591.	5667.8	33.966	3775.9
#2	3865.3	42563.	5730.4	34.416	3787.5
#3	3869.7	42581.	5643.7	35.947	3778.7

Sample Name: K1933-09 Acquired: 3/18/2019 18:39:29 Type: Unk
Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: S-9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01666	-.02196	.29151	-.01538	-.00608	17.943	.11381
Stddev	.00137	.00056	.00119	.00498	.00319	.048	.00285
%RSD	8.2343	2.5630	.40781	32.406	52.466	.26922	2.5079

#1	.01759	-.02209	.29022	-.00962	-.00971	17.915	.11067
#2	.01508	-.02245	.29176	-.01825	-.00373	17.915	.11623
#3	.01730	-.02134	.29256	-.01827	-.00480	17.999	.11454

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00041	.00081	461.60	.06608	.01050	.04304	23.371
Stddev	.00006	.00011	1.65	.00072	.00021	.00041	.010
%RSD	14.886	13.133	.35646	1.0914	1.9719	.96062	.04129

#1	.00040	.00079	462.41	.06685	.01062	.04351	23.374
#2	.00047	.00093	459.71	.06598	.01061	.04283	23.378
#3	.00035	.00072	462.68	.06541	.01026	.04276	23.360

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.39599	4.1951	.01420	-.00407	4.8396	.04788	.45275
Stddev	.00025	.0926	.00030	.00019	.0133	.00042	.00161
%RSD	.06356	2.2071	2.1440	4.7441	.27432	.87008	.35608

#1	.39574	4.0883	.01407	-.00396	4.8450	.04743	.45095
#2	.39624	4.2532	.01454	-.00396	4.8493	.04796	.45326
#3	.39598	4.2438	.01397	-.00429	4.8245	.04826	.45405

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2208	.00075	-.00018	1.5897	2.1304	.00887	1.1512
Stddev	.0216	.00023	.00483	.0501	.0297	.00105	.0009
%RSD	1.7701	30.519	2748.2	3.1491	1.3926	11.891	.07939

#1	1.2255	.00100	.00509	1.5880	2.1587	.00776	1.1506
#2	1.1972	.00072	-.00439	1.5406	2.0996	.00898	1.1508
#3	1.2396	.00054	-.00122	1.6407	2.1329	.00986	1.1522

Sample Name: K1933-09 Acquired: 3/18/2019 18:39:29 Type: Unk
 Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: S-9 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.06396	4.103	1.9873	3.8056	F<.00000
Stddev	.00287	.016	.0102	.3237	1.2373
%RSD	4.4795	.3949	.51465	8.5060	1.7852

#1	.06088	4.085	1.9946	3.5937	-70.663
#2	.06654	4.111	1.9756	4.1782	-69.026
#3	.06448	4.114	1.9916	3.6449	-68.238

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3675.2	40150.	5607.2	33.256	3533.7
Stddev	7.7	62.	18.0	1.202	7.2
%RSD	.20911	.15492	.32086	3.6140	.20306

#1	3673.9	40209.	5589.2	31.994	3539.3
#2	3668.3	40085.	5625.2	33.387	3525.6
#3	3683.5	40156.	5607.2	34.387	3536.3

Sample Name: K1935-01 Acquired: 3/18/2019 18:43:47 Type: Unk
Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-17(0.5-1. Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04895	-.10215	.37768	-.05358	-.00081	110.42	.67378
Stddev	.00402	.00046	.00159	.00541	.00113	.31	.00776
%RSD	8.2214	.45056	.42000	10.090	139.55	.27752	1.1524

#1	.04549	-.10218	.37692	-.04913	-.00193	110.35	.67146
#2	.05337	-.10259	.37950	-.05960	-.00083	110.76	.66744
#3	.04800	-.10167	.37662	-.05202	.00033	110.16	.68244

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00537	.00228	804.73	.18387	.07605	.23871	127.25
Stddev	.00002	.00015	2.94	.00097	.00055	.00144	.41
%RSD	.34404	6.8049	.36473	.52656	.72644	.60526	.32587

#1	.00536	.00239	803.19	.18487	.07651	.23748	126.94
#2	.00535	.00210	802.88	.18381	.07543	.24030	127.10
#3	.00539	.00234	808.11	.18294	.07619	.23833	127.73

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.8621	255.82	.18099	-.01124	3.9976	.23341	.48661
Stddev	.0437	1.67	.00079	.00036	.0138	.00150	.00205
%RSD	.49302	.65110	.43375	3.1737	.34635	.64103	.42149

#1	8.9002	255.30	.18094	-.01083	4.0135	.23388	.48770
#2	8.8716	254.48	.18023	-.01145	3.9879	.23174	.48424
#3	8.8144	257.68	.18179	-.01145	3.9914	.23462	.48789

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.285	.00710	-.01444	F 11.870	4.3026	.04671	5.6151
Stddev	.049	.00044	.00481	.079	.0542	.00006	.0153
%RSD	.39506	6.1820	33.324	.66609	1.2588	.13487	.27160

#1	12.251	.00689	-.01001	11.888	4.2707	.04664	5.6003
#2	12.263	.00761	-.01956	11.783	4.2719	.04673	5.6143
#3	12.340	.00681	-.01376	11.938	4.3651	.04676	5.6308

Sample Name: K1935-01 Acquired: 3/18/2019 18:43:47 Type: Unk
Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-17(0.5-1. Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.25341	6.710	2.8347	3.2732	F<.00000
Stddev	.00214	.029	.0105	.0420	1.6151
%RSD	.84372	.4401	.37160	1.2828	.28511

#1	.25213	6.731	2.8283	3.3191	-564.63
#2	.25588	6.676	2.8290	3.2636	-567.37
#3	.25222	6.723	2.8469	3.2368	-567.48

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3565.4	38919.	5679.9	30.324	3084.2
Stddev	5.2	77.	40.3	1.761	12.9
%RSD	.14500	.19710	.71031	5.8084	.41708

#1	3570.8	38848.	5684.6	32.072	3079.1
#2	3560.5	38909.	5717.7	30.349	3098.8
#3	3564.9	39001.	5637.4	28.550	3074.6

Sample Name: K1935-02 Acquired: 3/18/2019 18:48:14 Type: Unk
 Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-17(5.5-6. Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11356	-.03614	.92992	-.00888	.10010	55.118	.85942
Stddev	.00186	.00092	.00056	.00169	.00200	.311	.00752
%RSD	1.6362	2.5341	.06051	19.070	1.9976	.56391	.87460

#1	.11148	-.03719	.92928	-.01057	.09997	54.871	.85078
#2	.11416	-.03555	.93033	-.00719	.10217	55.467	.86445
#3	.11505	-.03567	.93015	-.00887	.09818	55.016	.86303

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00490	-.00076	70.827	.15413	.08794	.77086	174.50
Stddev	.00016	.00024	.279	.00065	.00020	.00157	.31
%RSD	3.2533	31.120	.39412	.42183	.22199	.20327	.17926

#1	.00475	-.00077	70.702	.15413	.08771	.77235	174.14
#2	.00507	-.00052	71.146	.15478	.08805	.76923	174.68
#3	.00489	-.00100	70.632	.15348	.08805	.77100	174.69

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.6056	12.180	.16264	-.00763	2.0447	.26531	3.0181
Stddev	.0034	.030	.00053	.00033	.0181	.00386	.0039
%RSD	.21122	.24763	.32419	4.3303	.88474	1.4567	.12877

#1	1.6094	12.211	.16210	-.00760	2.0272	.26812	3.0185
#2	1.6030	12.179	.16266	-.00732	2.0435	.26091	3.0218
#3	1.6043	12.151	.16316	-.00798	2.0633	.26691	3.0141

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.0922	.00770	-.09245	F 12.761	2.5531	.13508	2.1002
Stddev	.0118	.00031	.01208	.042	.0297	.00128	.0111
%RSD	.28847	3.9819	13.072	.32677	1.1620	.94520	.52937

#1	4.0963	.00769	-.08101	12.808	2.5723	.13452	2.0875
#2	4.1014	.00801	-.09124	12.729	2.5189	.13654	2.1049
#3	4.0789	.00740	-.10509	12.746	2.5681	.13417	2.1083

Sample Name: K1935-02 Acquired: 3/18/2019 18:48:14 Type: Unk
 Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-17(5.5-6. Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.09044	F 19.45	.19429	<.00000	F<.00000
Stddev	.00136	.02	.00090	.47764	13.577
%RSD	1.5039	.1036	.46153	75.047	1.6505
#1	.08916	19.45	.19367	-1.0011	-836.18
#2	.09187	19.48	.19532	-.09578	-809.03
#3	.09028	19.44	.19388	-.81245	-822.62
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3996.9	43353.	5951.4	34.442	3765.5
Stddev	6.4	107.	10.2	1.372	7.0
%RSD	.16035	.24613	.17215	3.9837	.18598
#1	4004.2	43396.	5960.2	35.194	3771.9
#2	3992.4	43232.	5940.2	35.274	3758.0
#3	3994.0	43432.	5953.9	32.859	3766.6

Sample Name: K1935-03 Acquired: 3/18/2019 18:52:32 Type: Unk
Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-5(7-8) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15155	-.02326	1.4144	-.01114	.08001	55.964	.70813
Stddev	.00308	.00199	.0026	.00469	.00153	.171	.02356
%RSD	2.0356	8.5349	.18071	42.124	1.9064	.30468	3.3272

#1	.15493	-.02519	1.4149	-.00709	.07913	56.140	.73314
#2	.15082	-.02123	1.4117	-.01628	.07913	55.952	.68635
#3	.14889	-.02337	1.4168	-.01004	.08177	55.799	.70492

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00472	.00053	26.031	.14809	.15981	.90788	109.13
Stddev	.00003	.00033	.734	.00082	.00033	.00091	2.83
%RSD	.56665	62.841	2.8198	.55086	.20505	.10069	2.5907

#1	.00470	.00015	26.820	.14783	.15946	.90695	112.30
#2	.00471	.00076	25.369	.14901	.16011	.90791	106.87
#3	.00475	.00067	25.903	.14744	.15987	.90878	108.22

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.81392	11.714	.42456	-.00264	2.4708	.19258	3.6067
Stddev	.00161	.370	.00137	.00066	.0890	.00193	.0056
%RSD	.19763	3.1582	.32173	25.003	3.6013	1.0028	.15490

#1	.81550	12.124	.42566	-.00196	2.5720	.19410	3.6127
#2	.81400	11.404	.42303	-.00327	2.4047	.19323	3.6018
#3	.81228	11.614	.42498	-.00268	2.4358	.19041	3.6055

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.9633	.02505	-.04416	F 51.464	3.2888	.36827	1.4670
Stddev	.1428	.00059	.00811	.183	.1003	.00297	.0517
%RSD	3.6028	2.3365	18.367	.35485	3.0485	.80709	3.5271

#1	4.1217	.02553	-.04873	51.601	3.4037	.36951	1.5256
#2	3.8444	.02440	-.03479	51.257	3.2191	.36487	1.4278
#3	3.9240	.02522	-.04896	51.535	3.2435	.37041	1.4475

Sample Name: K1935-03 Acquired: 3/18/2019 18:52:32 Type: Unk
 Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-5(7-8) Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.05907	F 11.93	.08692	.44629	F<.00000
Stddev	.00081	.01	.00388	.14804	1.0654
%RSD	1.3718	.0797	4.4610	33.171	.23125

#1	.05859	11.94	.09119	.42315	-461.91
#2	.06001	11.92	.08362	.31118	-459.92
#3	.05861	11.92	.08594	.60453	-460.26

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4071.7	43991.	5905.4	34.201	3922.3
Stddev	5.3	80.	166.1	1.847	5.7
%RSD	.13050	.18143	2.8130	5.4006	.14466

#1	4070.3	43946.	5724.7	32.094	3915.7
#2	4067.2	43944.	6051.5	35.540	3925.3
#3	4077.6	44083.	5940.0	34.970	3925.8

Sample Name: K1935-04 Acquired: 3/18/2019 18:56:48 Type: Unk
Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-5(13-14) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00062	-.01967	.05113	-.02430	-.00626	111.93	.15152
Stddev	.00262	.00404	.00295	.00152	.00151	4.73	.00514
%RSD	420.28	20.514	5.7667	6.2492	24.174	4.2227	3.3891

#1	.00237	-.01863	.05012	-.02599	-.00452	106.49	.15112
#2	-.00171	-.02413	.05446	-.02385	-.00705	114.30	.15684
#3	-.00253	-.01626	.04883	-.02305	-.00722	115.00	.14660

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00355	-.00291	15.346	.17365	.05388	.08425	116.33
Stddev	.00032	.00030	.082	.00764	.00008	.00076	2.79
%RSD	9.0897	10.317	.53488	4.3997	.15299	.90323	2.3943

#1	.00318	-.00325	15.256	.16492	.05397	.08355	119.53
#2	.00371	-.00279	15.365	.17694	.05386	.08506	114.42
#3	.00377	-.00268	15.417	.17910	.05381	.08414	115.05

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1159	43.150	.30935	-.00295	4.9075	.11620	.43126
Stddev	.0408	.133	.00037	.00064	.0150	.00354	.00079
%RSD	3.6543	.30826	.11893	21.569	.30557	3.0458	.18264

#1	1.0688	42.996	.30972	-.00229	4.8977	.11216	.43163
#2	1.1395	43.236	.30936	-.00356	4.9000	.11767	.43179
#3	1.1394	43.216	.30898	-.00300	4.9248	.11877	.43035

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.6709	.03821	.00964	F 50.238	3.8004	-.01371	.85711
Stddev	.0460	.00025	.00952	.163	.1088	.00031	.01028
%RSD	.47608	.65300	98.747	.32459	2.8632	2.2428	1.1994

#1	9.6732	.03800	.00211	50.425	3.9245	-.01372	.84749
#2	9.6238	.03848	.02034	50.161	3.7552	-.01401	.85589
#3	9.7158	.03815	.00647	50.127	3.7214	-.01340	.86794

Sample Name: K1935-04 Acquired: 3/18/2019 18:56:48 Type: Unk
 Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-5(13-14) Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.60692	3.329	.10616	.35088	F<.00000
Stddev	.00345	.006	.00454	1.2976	.78944
%RSD	.56906	.1919	4.2766	369.81	.16256
#1	.60698	3.334	.10129	-1.1371	-485.22
#2	.60343	3.322	.10691	1.2471	-485.11
#3	.61033	3.331	.11027	.94272	-486.53
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3947.6	43414.	5782.5	33.525	3761.7
Stddev	1.8	1457.	36.2	1.596	8.2
%RSD	.04471	3.3563	.62577	4.7623	.21702
#1	3949.5	45095.	5742.4	35.294	3752.4
#2	3946.1	42641.	5812.6	33.091	3767.3
#3	3947.2	42507.	5792.6	32.190	3765.5

Sample Name: K1935-06 Acquired: 3/18/2019 19:01:20 Type: Unk
Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-18(11-12) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04628	-.01691	1.7595	-.01641	-.00572	37.452	.22630
Stddev	.00487	.00336	.0017	.00359	.00102	.174	.00160
%RSD	10.523	19.871	.09612	21.854	17.899	.46389	.70710

#1	.04171	-.01383	1.7587	-.02037	-.00484	37.272	.22530
#2	.05140	-.01639	1.7615	-.01339	-.00684	37.467	.22544
#3	.04573	-.02049	1.7584	-.01547	-.00547	37.619	.22814

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00168	-.00149	242.69	.11480	.04140	.16334	76.401
Stddev	.00006	.00010	1.08	.00091	.00021	.00084	.034
%RSD	3.6085	6.9938	.44314	.79009	.49571	.51598	.04490

#1	.00167	-.00161	241.47	.11492	.04144	.16316	76.376
#2	.00174	-.00141	243.10	.11564	.04158	.16426	76.385
#3	.00162	-.00145	243.50	.11384	.04118	.16260	76.440

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2525	26.788	.18279	-.00462	3.5340	.10562	.66900
Stddev	.0012	.200	.00029	.00041	.0205	.00099	.00079
%RSD	.09488	.74775	.15796	8.9643	.58002	.93350	.11760

#1	1.2523	26.638	.18312	-.00475	3.5111	.10516	.66867
#2	1.2537	26.710	.18260	-.00495	3.5506	.10675	.66844
#3	1.2514	27.015	.18264	-.00415	3.5403	.10495	.66990

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.1580	.00489	-.03494	F 34.012	1.9627	.03263	.83331
Stddev	.0144	.00022	.00293	.073	.0157	.00016	.00788
%RSD	.23441	4.5929	8.3747	.21475	.79767	.49179	.94610

#1	6.1718	.00513	-.03353	33.954	1.9772	.03245	.83522
#2	6.1430	.00487	-.03831	34.094	1.9648	.03270	.82465
#3	6.1593	.00468	-.03300	33.989	1.9461	.03275	.84007

Sample Name: K1935-06 Acquired: 3/18/2019 19:01:20 Type: Unk
 Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-18(11-12) Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.10497	7.266	1.0038	2.7940	F<.00000
Stddev	.00124	.025	.0027	.2742	3.0530
%RSD	1.1772	.3396	.26902	9.8125	1.0146

#1	.10639	7.238	1.0007	2.5635	-297.44
#2	.10417	7.284	1.0050	2.7213	-303.17
#3	.10434	7.277	1.0057	3.0972	-302.14

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3842.3	41376.	5780.7	32.371	3618.4
Stddev	7.4	75.	4.6	1.093	1.3
%RSD	.19201	.18024	.07882	3.3767	.03470

#1	3834.0	41456.	5777.7	31.377	3617.4
#2	3845.0	41362.	5785.9	32.195	3619.8
#3	3848.0	41308.	5778.4	33.541	3618.2

Sample Name: K1935-07 Acquired: 3/18/2019 19:05:33 Type: Unk
Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-18(14-15) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01368	-.01778	.25448	-.00216	-.00500	43.405	.07822
Stddev	.00252	.00055	.00062	.00421	.00235	.281	.00231
%RSD	18.425	3.0719	.24260	194.94	47.004	.64788	2.9510

#1	.01178	-.01841	.25378	-.00315	-.00321	43.304	.07731
#2	.01654	-.01747	.25494	-.00578	-.00766	43.723	.07651
#3	.01272	-.01745	.25473	.00246	-.00414	43.188	.08085

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00217	-.00105	79.494	.10802	.02066	.07693	53.513
Stddev	.00014	.00007	.283	.00017	.00017	.00022	.381
%RSD	6.2854	6.8464	.35621	.15701	.81473	.28732	.71126

#1	.00211	-.00100	79.289	.10819	.02052	.07668	53.428
#2	.00232	-.00102	79.376	.10785	.02061	.07708	53.183
#3	.00207	-.00113	79.817	.10802	.02084	.07703	53.929

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.43537	43.210	.09372	-.00218	10.738	.13976	.20237
Stddev	.00099	.248	.00005	.00102	.017	.00024	.00021
%RSD	.22804	.57405	.05445	46.695	.15994	.16975	.10143

#1	.43499	43.008	.09374	-.00299	10.724	.13958	.20256
#2	.43462	43.134	.09366	-.00252	10.757	.14003	.20240
#3	.43649	43.487	.09375	-.00104	10.733	.13968	.20215

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.0272	.08142	.30520	F 157.48	2.6892	-.04887	.75091
Stddev	.0460	.00014	.00531	.26	.0019	.00036	.00735
%RSD	.57349	.16906	1.7396	.16318	.07243	.73670	.97895

#1	8.0798	.08130	.31086	157.19	2.6870	-.04860	.74344
#2	7.9945	.08139	.30442	157.55	2.6900	-.04928	.75114
#3	8.0072	.08157	.30033	157.68	2.6906	-.04874	.75814

Sample Name: K1935-07 Acquired: 3/18/2019 19:05:33 Type: Unk
 Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-18(14-15) Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.11742	3.859	.63512	1.9711	F<.00000
Stddev	.00121	.013	.00264	.1635	2.0839
%RSD	1.0329	.3357	.41624	8.2948	.94002
#1	.11602	3.855	.63301	2.1352	-223.13
#2	.11808	3.849	.63427	1.9698	-219.29
#3	.11815	3.874	.63808	1.8082	-222.62
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3942.3	42793.	5878.3	34.815	3772.2
Stddev	7.8	113.	25.4	.806	2.3
%RSD	.19820	.26329	.43217	2.3145	.06069
#1	3935.2	42695.	5872.1	35.165	3769.7
#2	3950.7	42769.	5906.2	35.386	3772.8
#3	3941.1	42916.	5856.5	33.893	3774.2

Sample Name: CCV07 Acquired: 3/18/2019 19:09:47 Type: Unk
Method: P4-ICP2(v2954) 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	5.2367	5.0438	5.1591	5.1679	5.2424	10.187	9.5791	.26026
Stddev	.0212	.0163	.0094	.0065	.0090	.190	.0922	.00108
%RSD	.40516	.32378	.18159	.12647	.17210	1.8653	.96277	.41515
#1	5.2226	5.0293	5.1497	5.1688	5.2512	10.028	9.6501	.26122
#2	5.2611	5.0405	5.1685	5.1739	5.2427	10.134	9.6123	.25909
#3	5.2264	5.0615	5.1590	5.1609	5.2332	10.397	9.4748	.26046
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4915	24.370	1.0239	2.5688	1.2795	5.0584	2.5826	24.701
Stddev	.0028	.055	.0046	.0054	.0050	.1071	.0037	.043
%RSD	.11061	.22516	.44507	.21150	.38702	2.1171	.14212	.17608
#1	2.4889	24.401	1.0285	2.5632	1.2808	5.1697	2.5844	24.732
#2	2.4913	24.402	1.0194	2.5740	1.2836	5.0496	2.5783	24.721
#3	2.4944	24.306	1.0237	2.5693	1.2740	4.9560	2.5850	24.651
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4455	1.3210	23.597	2.3877	2.6060	23.629	4.9495	4.6402
Stddev	.0074	.0053	.249	.0082	.0039	.194	.0140	.0150
%RSD	.30298	.40036	1.0534	.34420	.15070	.82023	.28220	.32224
#1	2.4375	1.3259	23.785	2.3968	2.6036	23.834	4.9488	4.6431
#2	2.4469	1.3218	23.693	2.3856	2.6105	23.605	4.9637	4.6240
#3	2.4522	1.3154	23.315	2.3807	2.6039	23.448	4.9358	4.6535
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9634	5.0362	4.7573	5.0625	4.8458	4.968	5.0457	4.9522
Stddev	.0197	.1144	.0038	.0189	.0451	.008	.0494	.1092
%RSD	.39585	2.2715	.08015	.37264	.93148	.1568	.97987	2.2054
#1	4.9856	5.1427	4.7532	5.0841	4.8767	4.970	5.0794	4.8272
#2	4.9482	5.0506	4.7581	5.0492	4.8667	4.960	5.0688	5.0294
#3	4.9564	4.9153	4.7607	5.0542	4.7940	4.975	4.9890	5.0000

Sample Name: CCV07 Acquired: 3/18/2019 19:09:47 Type: Unk
Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.6567
Stddev	.9107
%RSD	34.281

#1	2.4316
#2	1.8796
#3	3.6589

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3806.4	40444.	5438.2	30.376	3689.2
Stddev	18.9	100.	97.4	1.863	9.2
%RSD	.49673	.24824	1.7919	6.1322	.24897

#1	3792.2	40560.	5360.3	29.493	3682.9
#2	3799.1	40395.	5406.8	29.118	3684.9
#3	3827.9	40378.	5547.5	32.516	3699.7

Sample Name: CCB07 Acquired: 3/18/2019 19:13:46 Type: Unk
Method: P4-ICP2(v2954) 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	-.00145	.00149	F .00622	-.00017	-.00068	-.01887	-.00996	.00008
Stddev	.00090	.00139	.00036	.00244	.00173	.00659	.00342	.00006
%RSD	62.187	93.433	5.8489	1416.1	252.85	34.930	34.294	81.826
#1	-.00074	.00308	.00614	-.00298	-.00112	-.02615	-.01359	.00013
#2	-.00115	.00084	.00590	.00111	-.00215	-.01330	-.00949	.00009
#3	-.00247	.00054	.00661	.00135	.00122	-.01717	-.00681	.00001
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	.00652	.00027	.00012	-.00068	-.00176	-.00002	-.03294
Stddev	.00002	.00520	.00037	.00005	.00030	.00050	.00002	.04068
%RSD	44.333	79.733	136.48	40.199	43.796	28.518	120.82	123.51
#1	-.00004	.01061	.00006	.00013	-.00100	-.00169	.00000	-.07504
#2	-.00008	.00827	.00005	.00017	-.00041	-.00129	-.00004	.00617
#3	-.00004	.00067	.00070	.00007	-.00064	-.00229	-.00002	-.02995
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00020	.00053	-.12469	.00026	F .02924	-.08370	.00035	-.00479
Stddev	.00054	.00056	.00508	.00024	.00019	.03742	.00041	.00160
%RSD	266.39	105.65	4.0715	90.030	.64671	44.705	117.11	33.374
#1	.00041	.00071	-.12843	.00040	.02946	-.06359	.00082	-.00371
#2	-.00059	.00097	-.12674	-.00001	.02913	-.06064	.00005	-.00663
#3	-.00042	-.00010	-.11891	.00040	.02914	-.12687	.00018	-.00403
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01788	.00583	-.00063	-.00157	-.00768	.0029	.00002	F 2.6603
Stddev	.01095	.00409	.00091	.00089	.00090	.0010	.00007	.3782
%RSD	61.261	70.083	144.97	56.523	11.776	32.64	381.14	14.217
#1	.02784	.01046	.00042	-.00076	-.00668	.0026	-.00005	2.4977
#2	.01965	.00429	-.00106	-.00143	-.00792	.0040	.00009	2.3904
#3	.00615	.00274	-.00124	-.00251	-.00844	.0022	.00002	3.0926

Sample Name: CCB07 Acquired: 3/18/2019 19:13:46 Type: Unk
Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.4258
Stddev 1.2401
%RSD 51.119

#1 2.6395
#2 3.5452
#3 1.0928

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3976.1	42293.	5506.7	33.486	4097.5
Stddev	11.3	50.	18.9	1.116	8.6
%RSD	.28379	.11814	.34246	3.3315	.20990

#1	3973.8	42340.	5526.1	32.675	4091.8
#2	3966.2	42298.	5488.4	33.025	4093.2
#3	3988.4	42240.	5505.8	34.758	4107.4

Sample Name: K1935-08 Acquired: 3/18/2019 19:18:15 Type: Unk
Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-2(10-11) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07282	-.05841	.48959	-.07579	-.01292	160.51	.42487
Stddev	.00199	.00050	.00203	.00405	.00095	.59	.00539
%RSD	2.7263	.84928	.41557	5.3419	7.3131	.36529	1.2686

#1	.07117	-.05796	.48756	-.07239	-.01311	160.21	.42542
#2	.07502	-.05894	.48957	-.07471	-.01376	160.14	.42997
#3	.07227	-.05832	.49163	-.08027	-.01190	161.19	.41923

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01015	.00178	51.193	.27861	.12135	.21759	265.40
Stddev	.00025	.00042	.279	.00282	.00016	.00171	3.02
%RSD	2.4234	23.577	.54523	1.0105	.13038	.78626	1.1389

#1	.01044	.00134	51.317	.27561	.12118	.21564	266.80
#2	.01001	.00183	51.388	.27902	.12149	.21828	267.47
#3	.01001	.00218	50.873	.28119	.12138	.21885	261.93

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.6238	68.351	.30416	-.01775	15.126	.37933	.97978
Stddev	.0055	.442	.00077	.00072	.042	.00116	.00172
%RSD	.15088	.64696	.25170	4.0486	.27576	.30642	.17556

#1	3.6258	68.059	.30495	-.01704	15.127	.38019	.97808
#2	3.6176	68.859	.30343	-.01774	15.168	.37980	.97974
#3	3.6279	68.133	.30411	-.01847	15.084	.37801	.98152

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.240	.06167	-.06676	F 209.47	4.5490	.02381	2.6509
Stddev	.165	.00048	.01735	.13	.0365	.00075	.0055
%RSD	.60587	.77142	25.989	.06312	.80317	3.1403	.20607

#1	27.213	.06117	-.06518	209.34	4.5071	.02363	2.6504
#2	27.417	.06211	-.05025	209.46	4.5661	.02463	2.6456
#3	27.090	.06174	-.08484	209.61	4.5740	.02317	2.6565

Sample Name: K1935-08 Acquired: 3/18/2019 19:18:15 Type: Unk
 Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-2(10-11) Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.37037	7.078	.08678	<.00000	F<.00000
Stddev	.00235	.014	.00197	.43355	4.6352
%RSD	.63517	.1985	2.2695	10.523	.30768

#1	.36799	7.062	.08609	-4.4073	-1501.1
#2	.37270	7.089	.08525	-4.3313	-1509.1
#3	.37041	7.083	.08900	-3.6212	-1509.2

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4309.7	45765.	6338.8	32.376	3579.7
Stddev	3.6	53.	37.1	.239	2.2
%RSD	.08276	.11573	.58466	.73895	.06155

#1	4309.0	45818.	6330.6	32.599	3582.2
#2	4306.6	45765.	6306.5	32.123	3578.1
#3	4313.6	45712.	6379.3	32.406	3578.9

Sample Name: K1935-09 Acquired: 3/18/2019 19:22:39 Type: Unk
 Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-2(14-15) Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04490	-.04621	.10396	-.08616	-.01728	155.81	.20509
Stddev	.00134	.00298	.00370	.00465	.00360	.62	.00472
%RSD	2.9766	6.4475	3.5562	5.3962	20.846	.39740	2.3015

#1	.04370	-.04517	.10307	-.09102	-.02140	155.71	.20751
#2	.04466	-.04957	.10802	-.08568	-.01573	155.25	.20811
#3	.04634	-.04389	.10079	-.08176	-.01471	156.47	.19965

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01081	.00364	26.593	.28733	.11758	.15325	284.84
Stddev	.00061	.00061	.013	.00232	.00196	.00301	1.53
%RSD	5.6276	16.767	.05027	.80597	1.6691	1.9622	.53676

#1	.01041	.00381	26.608	.28991	.11834	.15486	284.92
#2	.01151	.00415	26.583	.28542	.11906	.15511	286.32
#3	.01051	.00296	26.588	.28665	.11536	.14978	283.27

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.6103	73.908	.27196	-.02071	13.023	.29670	.87608
Stddev	.0067	.446	.00336	.00087	.160	.00093	.01870
%RSD	.18603	.60387	1.2346	4.2195	1.2250	.31350	2.1350

#1	3.6104	73.936	.27379	-.02161	13.170	.29758	.88600
#2	3.6035	74.341	.27400	-.01986	13.045	.29572	.88774
#3	3.6170	73.449	.26808	-.02066	12.853	.29679	.85451

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.978	.01937	-.07186	F 267.59	3.8547	-.08624	1.7870
Stddev	.361	.00067	.01184	5.08	.0917	.00227	.0081
%RSD	1.3380	3.4755	16.474	1.8987	2.3788	2.6279	.45580

#1	27.368	.01980	-.07928	270.13	3.9190	-.08614	1.7854
#2	26.909	.01972	-.07810	270.90	3.8955	-.08855	1.7959
#3	26.656	.01860	-.05821	261.74	3.7497	-.08402	1.7798

Sample Name: K1935-09 Acquired: 3/18/2019 19:22:39 Type: Unk
 Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-2(14-15) Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.37033	5.961	.01423	<.00000	F<.00000
Stddev	.00076	.112	.00107	.22495	4.4664
%RSD	.20612	1.872	7.5505	3.8304	.25931

#1	.36945	6.024	.01498	-5.9851	-1724.5
#2	.37069	6.027	.01300	-6.0195	-1725.5
#3	.37084	5.832	.01472	-5.6138	-1717.3

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4456.0	47089.	6522.8	33.851	3642.0
Stddev	80.3	221.	76.2	.496	65.5
%RSD	1.8024	.46909	1.1685	1.4656	1.7996

#1	4416.9	46866.	6446.6	33.421	3611.5
#2	4402.8	47308.	6522.8	33.737	3597.3
#3	4548.4	47093.	6599.0	34.394	3717.2

Sample Name: K1935-10 Acquired: 3/18/2019 19:27:05 Type: Unk
Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-7(6-7) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16805	-.04966	11.345	-.05918	-.00702	134.47	3.2779
Stddev	.00153	.00206	.006	.00196	.00371	.75	.0187
%RSD	.91208	4.1489	.05266	3.3202	52.909	.55859	.56959

#1	.16979	-.05046	11.340	-.05726	-.00296	133.60	3.2781
#2	.16688	-.05120	11.345	-.05909	-.00786	134.89	3.2591
#3	.16749	-.04732	11.352	-.06119	-.01024	134.91	3.2964

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01151	.00290	200.25	.39530	.12721	1.1645	249.08
Stddev	.00013	.00016	1.61	.00188	.00049	.0036	2.15
%RSD	1.1413	5.4235	.80488	.47465	.38288	.30891	.86172

#1	.01145	.00299	200.61	.39414	.12777	1.1668	250.53
#2	.01166	.00299	198.49	.39746	.12699	1.1603	246.61
#3	.01141	.00272	201.65	.39428	.12687	1.1662	250.10

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.3448	50.424	.33792	-.01349	4.6240	.36786	2.2792
Stddev	.0021	.310	.00046	.00049	.0344	.00172	.0005
%RSD	.04742	.61446	.13626	3.6106	.74475	.46859	.02168

#1	4.3451	50.558	.33776	-.01382	4.6440	.36842	2.2787
#2	4.3425	50.069	.33756	-.01373	4.5842	.36923	2.2796
#3	4.3466	50.644	.33844	-.01293	4.6438	.36593	2.2795

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.772	.02406	-.15510	F 87.417	4.1894	1.1156	2.2952
Stddev	.081	.00017	.00847	.119	.0587	.0064	.0132
%RSD	.41086	.69102	5.4620	.13563	1.4012	.57405	.57415

#1	19.814	.02410	-.16323	87.501	4.2572	1.1216	2.2829
#2	19.679	.02388	-.15575	87.282	4.1538	1.1089	2.2937
#3	19.824	.02421	-.14632	87.469	4.1572	1.1164	2.3091

Sample Name: K1935-10 Acquired: 3/18/2019 19:27:05 Type: Unk
 Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-7(6-7) Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.26794	F 24.49	1.0807	<.00000	F<.00000
Stddev	.00175	.05	.0076	.40368	10.198
%RSD	.65471	.2006	.70576	14.766	.76332

#1	.26804	24.43	1.0811	-3.1466	-1330.0
#2	.26613	24.53	1.0728	-2.3399	-1347.8
#3	.26964	24.50	1.0880	-2.7149	-1330.3

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4198.0	44438.	6201.6	33.118	3512.6
Stddev	7.7	84.	54.5	1.314	5.0
%RSD	.18441	.18837	.87823	3.9670	.14102

#1	4189.1	44432.	6153.0	34.203	3508.6
#2	4202.2	44357.	6260.5	31.657	3510.9
#3	4202.8	44524.	6191.3	33.495	3518.1

Sample Name: K1935-11 Acquired: 3/18/2019 19:31:28 Type: Unk
Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-7(9-10) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00066	-.01664	.08669	-.01997	-.00642	121.57	.22806
Stddev	.00125	.00133	.00014	.00207	.00276	.66	.00296
%RSD	189.17	8.0029	.16450	10.362	42.947	.54328	1.2964

#1	.00070	-.01707	.08684	-.01954	-.00957	120.91	.22482
#2	-.00176	-.01771	.08657	-.02222	-.00521	122.23	.23061
#3	-.00092	-.01515	.08665	-.01814	-.00447	121.57	.22876

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00574	-.00405	21.462	.23553	.06451	.10443	139.44
Stddev	.00022	.00026	.257	.00239	.00037	.00045	1.26
%RSD	3.8917	6.3700	1.1963	1.0138	.56810	.43141	.90125

#1	.00558	-.00393	21.414	.23407	.06414	.10399	139.70
#2	.00599	-.00434	21.739	.23829	.06488	.10489	140.55
#3	.00563	-.00387	21.232	.23424	.06451	.10441	138.07

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4736	42.823	.23292	-.00547	1.4838	.14902	.39120
Stddev	.0032	.437	.00085	.00048	.0044	.00144	.00089
%RSD	.21577	1.0201	.36332	8.8290	.29559	.96839	.22665

#1	1.4726	42.926	.23201	-.00502	1.4804	.14764	.39066
#2	1.4772	43.199	.23369	-.00598	1.4887	.15052	.39072
#3	1.4711	42.344	.23306	-.00541	1.4821	.14890	.39223

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.9263	.05069	-.03829	F 52.049	4.0203	-.01043	.94731
Stddev	.0208	.00029	.00219	.069	.0123	.00051	.00772
%RSD	.23275	.57728	5.7296	.13323	.30658	4.8785	.81511

#1	8.9023	.05097	-.03588	51.997	4.0134	-.01019	.94740
#2	8.9371	.05038	-.03883	52.021	4.0130	-.01008	.95498
#3	8.9394	.05071	-.04017	52.127	4.0346	-.01101	.93954

Sample Name: K1935-11 Acquired: 3/18/2019 19:31:28 Type: Unk
Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-7(9-10) Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.60930	4.073	.10431	<.00000	F<.00000
Stddev	.00326	.007	.00026	.18512	7.6934
%RSD	.53522	.1710	.25336	113.21	1.3344

#1	.60923	4.067	.10451	-.00162	-567.69
#2	.61259	4.071	.10441	-.12360	-581.44
#3	.60607	4.081	.10401	-.36536	-580.55

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4068.1	43210.	5778.9	33.850	3820.8
Stddev	13.3	153.	40.2	.874	7.0
%RSD	.32693	.35515	.69497	2.5825	.18305

#1	4074.3	43228.	5752.2	33.498	3827.9
#2	4077.1	43048.	5759.5	33.207	3820.4
#3	4052.8	43353.	5825.1	34.846	3813.9

Sample Name: K1900-04 Acquired: 3/18/2019 19:35:56 Type: Unk
Method: P4-ICP2(v2954) 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	-.00093	-.00193	.00606	.00254	-.00308	.09846	.02992	-.00001
Stddev	.00310	.00139	.00022	.00027	.00137	.00747	.00157	.00004
%RSD	334.18	72.244	3.5950	10.616	44.370	7.5846	5.2544	699.30

#1	-.00316	-.00132	.00597	.00225	-.00154	.10580	.02921	.00000
#2	.00261	-.00094	.00590	.00258	-.00415	.09087	.02882	.00003
#3	-.00223	-.00353	.00630	.00278	-.00355	.09870	.03172	-.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00217	25.437	.01632	.00026	-.00033	.09589	.00676	4.1512
Stddev	.00014	.152	.00040	.00014	.00032	.00191	.00013	.0822
%RSD	6.3998	.59610	2.4713	54.069	98.239	1.9896	1.9674	1.9802

#1	.00209	25.264	.01603	.00013	-.00058	.09387	.00672	4.0633
#2	.00209	25.547	.01616	.00024	-.00043	.09614	.00666	4.2263
#3	.00233	25.500	.01678	.00041	.00003	.09766	.00691	4.1639

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	.00015	35.643	.00150	.04077	3.2999	.00039	.00711
Stddev	.00038	.00023	.336	.00032	.00034	.0285	.00009	.00826
%RSD	463.90	152.84	.94207	21.310	.83315	.86230	23.100	116.16

#1	-.00011	.00037	35.400	.00176	.04116	3.2670	.00037	.00187
#2	.00053	-.00008	36.026	.00114	.04052	3.3159	.00049	.01663
#3	-.00016	.00015	35.503	.00160	.04064	3.3168	.00031	.00282

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.7914	5.6302	-.00239	.00119	.01527	.0485	1.5996	3.2446
Stddev	.0188	.0425	.00113	.00099	.00165	.0022	.0096	.1910
%RSD	.67352	.75558	47.235	83.388	10.811	4.616	.60284	5.8867

#1	2.8106	5.5899	-.00190	.00117	.01341	.0497	1.5930	3.3539
#2	2.7731	5.6747	-.00160	.00220	.01586	.0498	1.6107	3.3558
#3	2.7905	5.6262	-.00369	.00021	.01655	.0459	1.5951	3.0241

Sample Name: K1900-04 Acquired: 3/18/2019 19:35:56 Type: Unk
Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 7.4093
Stddev 1.5851
%RSD 21.394

#1 7.9291
#2 5.6295
#3 8.6692

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3897.1	41491.	5434.2	33.769	3958.4
Stddev	18.9	15.	45.2	1.592	13.1
%RSD	.48407	.03638	.83102	4.7154	.32974

#1	3881.0	41475.	5459.7	33.977	3943.5
#2	3892.4	41496.	5382.0	32.083	3964.1
#3	3917.8	41504.	5460.8	35.247	3967.7

Sample Name: K1900-05 Acquired: 3/18/2019 19:40:22 Type: Unk
Method: P4-ICP2(v2954) 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	-.00087	-.00088	.00371	.00299	-.00130	.64507	-.00163
Stddev	.00393	.00023	.00014	.00271	.00102	.00928	.00184
%RSD	452.60	26.174	3.8226	90.907	78.407	1.4390	112.91

#1	-.00380	-.00096	.00371	.00340	-.00129	.64968	.00026
#2	.00359	-.00106	.00358	.00547	-.00233	.65115	-.00174
#3	-.00240	-.00062	.00386	.00009	-.00029	.63439	-.00341

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	-.00021	3.0641	.00347	.00025	.00170	2.0686
Stddev	.00009	.00004	.0296	.00014	.00015	.00026	.0135
%RSD	1862.8	17.515	.96742	4.1704	61.733	15.443	.65098

#1	.00006	-.00018	3.0328	.00344	.00042	.00150	2.0806
#2	-.00011	-.00025	3.0678	.00363	.00017	.00161	2.0540
#3	.00004	-.00019	3.0917	.00334	.00015	.00200	2.0713

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01841	.61949	.00115	.00032	31.046	.00202	.02604
Stddev	.00007	.08990	.00021	.00023	.139	.00051	.00028
%RSD	.38816	14.512	18.278	72.305	.44682	25.445	1.0680

#1	.01833	.55502	.00107	.00020	30.962	.00143	.02636
#2	.01847	.72219	.00139	.00058	30.970	.00236	.02592
#3	.01843	.58125	.00099	.00017	31.206	.00227	.02584

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.83010	.00061	.02860	4.7576	4.7056	-.00371	.01337
Stddev	.01303	.00023	.01257	.0057	.0365	.00068	.00344
%RSD	1.5703	37.053	43.954	.11916	.77455	18.343	25.687

#1	.82130	.00051	.04237	4.7600	4.7358	-.00434	.01216
#2	.82393	.00087	.02568	4.7511	4.6651	-.00380	.01725
#3	.84508	.00045	.01774	4.7616	4.7158	-.00298	.01071

Sample Name: K1900-05 Acquired: 3/18/2019 19:40:22 Type: Unk
Method: P4-ICP2(v2954) 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	-.00798	.0425	.03964	2.3740	F<.00000
Stddev	.00234	.0018	.00025	.0770	.17124
%RSD	29.339	4.138	.63760	3.2438	6.8567
#1	-.00984	.0431	.03937	2.4085	-2.6543
#2	-.00874	.0439	.03968	2.4276	-2.3147
#3	-.00535	.0405	.03987	2.2857	-2.5231
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3976.6	42278.	5482.8	35.236	4087.7
Stddev	10.8	70.	8.0	1.394	2.4
%RSD	.27096	.16495	.14515	3.9566	.05774
#1	3964.1	42350.	5483.9	36.041	4087.0
#2	3983.2	42211.	5490.1	33.626	4090.3
#3	3982.4	42272.	5474.3	36.040	4085.7

Sample Name: K1900-07 Acquired: 3/18/2019 19:44:47 Type: Unk
Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00176	-.00223	.00974	.00160	-.00357	.05613	.13113	.00031
Stddev	.00372	.00109	.00079	.00232	.00146	.00304	.00584	.00001
%RSD	211.09	48.867	8.0563	145.26	40.986	5.4096	4.4500	2.3464

#1	-.00389	-.00126	.00914	.00290	-.00366	.05299	.13597	.00031
#2	-.00392	-.00202	.01063	-.00108	-.00499	.05637	.13278	.00031
#3	.00253	-.00341	.00946	.00298	-.00206	.05904	.12465	.00032

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00046	45.164	.00309	.00547	.01503	.07505	.08980	17.512
Stddev	.00016	.279	.00031	.00030	.00083	.00219	.00018	.113
%RSD	34.443	.61712	10.107	5.5224	5.5136	2.9197	.20556	.64742

#1	.00057	45.136	.00322	.00580	.01595	.07467	.08967	17.394
#2	.00053	45.456	.00332	.00542	.01436	.07308	.08972	17.522
#3	.00028	44.900	.00273	.00520	.01478	.07741	.09001	17.620

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00860	-.00056	140.64	.00005	.08050	4.1168	.00005	.05755
Stddev	.00007	.00024	.66	.00031	.00018	.0457	.00020	.00644
%RSD	.80619	42.084	.47265	581.39	.21930	1.1091	362.82	11.189

#1	.00858	-.00079	141.16	.00032	.08047	4.0646	.00021	.06487
#2	.00868	-.00032	139.89	.00012	.08069	4.1492	-.00017	.05274
#3	.00855	-.00058	140.86	-.00028	.08034	4.1366	.00012	.05505

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.4054	7.5084	-.00064	-.00105	-.00043	.0040	.48536	3.9932
Stddev	.0338	.0174	.00070	.00067	.00091	.0009	.00279	.3958
%RSD	.99385	.23180	109.54	63.725	210.98	22.14	.57525	9.9111

#1	3.3964	7.5265	.00005	-.00030	-.00135	.0041	.48587	4.4162
#2	3.3769	7.5070	-.00063	-.00127	.00047	.0048	.48235	3.6319
#3	3.4428	7.4918	-.00135	-.00158	-.00042	.0031	.48787	3.9314

Sample Name: K1900-07 Acquired: 3/18/2019 19:44:47 Type: Unk
 Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 11.573
 Stddev 2.130
 %RSD 18.402

#1 11.186
 #2 13.870
 #3 9.6636

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3871.4	40638.	5432.5	32.981	3804.7
Stddev	6.8	256.	34.6	1.429	4.0
%RSD	.17526	.63047	.63612	4.3319	.10539

#1	3863.9	40350.	5395.4	31.339	3803.0
#2	3877.2	40842.	5463.8	33.658	3809.3
#3	3873.0	40721.	5438.1	33.945	3801.8

Sample Name: K1900-07DUP Acquired: 3/18/2019 19:49:11 Type: Unk
Method: P4-ICP2(v2954) 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	-.00433	-.00168	.00789	-.00064	-.00380	.06059	.12938	.00025
Stddev	.00238	.00145	.00107	.00027	.00054	.01236	.01072	.00006
%RSD	54.938	86.114	13.574	41.416	14.295	20.393	8.2841	25.368

#1	-.00356	-.00319	.00813	-.00094	-.00443	.05930	.11754	.00032
#2	-.00242	-.00158	.00671	-.00053	-.00346	.04894	.13215	.00020
#3	-.00699	-.00029	.00881	-.00045	-.00351	.07355	.13843	.00023

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00031	43.843	.00380	.00517	.01455	.08467	.08843	17.105
Stddev	.00007	.343	.00031	.00030	.00029	.00199	.00080	.205
%RSD	23.917	.78263	8.2396	5.7414	2.0032	2.3472	.90186	1.2008

#1	.00034	43.447	.00402	.00552	.01472	.08238	.08795	16.914
#2	.00023	44.051	.00393	.00498	.01421	.08568	.08799	17.081
#3	.00036	44.030	.00344	.00502	.01471	.08595	.08935	17.322

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00872	-.00021	137.41	.00008	.07872	3.9629	.00026	.05144
Stddev	.00035	.00023	1.09	.00029	.00036	.0231	.00009	.01274
%RSD	3.9745	109.26	.79048	380.82	.45125	.58326	32.572	24.770

#1	.00899	-.00043	136.16	-.00026	.07913	3.9451	.00017	.06380
#2	.00883	-.00024	138.08	.00023	.07848	3.9545	.00033	.05218
#3	.00833	.00003	138.01	.00026	.07854	3.9890	.00030	.03835

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.2687	7.3305	-.00205	-.00046	.00048	.0059	.47353	3.8536
Stddev	.0341	.0345	.00045	.00249	.00335	.0006	.00419	.3789
%RSD	1.0443	.47079	21.868	543.25	697.22	9.349	.88399	9.8324

#1	3.2919	7.3010	-.00240	-.00322	-.00195	.0055	.46887	4.2041
#2	3.2848	7.3685	-.00221	.00162	.00431	.0058	.47475	3.9052
#3	3.2295	7.3221	-.00155	.00023	-.00092	.0065	.47697	3.4515

Sample Name: K1900-07DUP Acquired: 3/18/2019 19:49:11 Type: Unk
Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 10.727
Stddev 1.299
%RSD 12.111

#1 10.857
#2 9.3678
#3 11.956

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3865.5	40648.	5417.2	32.379	3813.1
Stddev	9.8	245.	3.4	1.304	9.2
%RSD	.25392	.60197	.06222	4.0275	.24220

#1	3858.8	40376.	5416.3	33.187	3804.3
#2	3860.9	40850.	5414.4	30.875	3812.4
#3	3876.8	40717.	5420.9	33.077	3822.7

Sample Name: K1900-07LX5 Acquired: 3/18/2019 19:53:34 Type: Unk
Method: P4-ICP2(v2954) 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	-.00287	.00050	.00518	-.00035	-.00382	.00084	.02064	.00016
Stddev	.00147	.00079	.00103	.00476	.00211	.01063	.00408	.00005
%RSD	51.252	156.61	19.842	1340.1	55.246	1271.7	19.769	31.543

#1	-.00121	.00120	.00578	-.00543	-.00418	-.00270	.02276	.00022
#2	-.00337	.00067	.00576	.00400	-.00155	-.00757	.02322	.00013
#3	-.00402	-.00035	.00399	.00037	-.00572	.01278	.01594	.00014

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	9.5985	-.00003	.00127	.00277	.01446	.01918	3.8270
Stddev	.00003	.0341	.00047	.00002	.00052	.00122	.00013	.0179
%RSD	72.146	.35571	1823.0	1.7169	18.925	8.4519	.66844	.46890

#1	-.00004	9.5593	-.00057	.00128	.00275	.01534	.01905	3.8144
#2	-.00001	9.6146	.00020	.00129	.00331	.01307	.01918	3.8189
#3	-.00006	9.6216	.00029	.00125	.00226	.01498	.01930	3.8475

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00148	.00050	29.530	-.00002	.03387	.80292	-.00030	.00494
Stddev	.00046	.00048	.164	.00028	.00056	.01673	.00004	.01090
%RSD	30.987	95.771	.55403	1820.7	1.6457	2.0834	13.138	220.65

#1	.00110	.00030	29.690	-.00005	.03434	.80264	-.00034	.01391
#2	.00135	.00016	29.538	.00029	.03402	.81979	-.00027	-.00719
#3	.00199	.00105	29.363	-.00028	.03325	.78634	-.00028	.00809

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.69609	1.6682	-.00194	.00043	-.00159	.0056	.10389	2.6332
Stddev	.01174	.0033	.00048	.00064	.00133	.0005	.00003	.3624
%RSD	1.6865	.19677	24.846	148.44	83.669	9.667	.02596	13.761

#1	.68677	1.6699	-.00155	.00007	-.00104	.0061	.10391	3.0318
#2	.69223	1.6644	-.00178	.00005	-.00062	.0051	.10391	2.5439
#3	.70928	1.6702	-.00247	.00118	-.00310	.0056	.10386	2.3238

Sample Name: K1900-07LX5 Acquired: 3/18/2019 19:53:34 Type: Unk
Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 5.0584
Stddev 1.1063
%RSD 21.870

#1 6.2174
#2 4.0137
#3 4.9442

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4012.8	42134.	5496.6	33.335	4049.2
Stddev	2.4	174.	23.0	.335	7.5
%RSD	.05932	.41185	.41910	1.0035	.18474

#1	4014.9	41967.	5472.0	33.350	4040.7
#2	4013.2	42122.	5500.2	33.661	4054.8
#3	4010.2	42313.	5517.7	32.993	4052.1

Sample Name: K1900-08 Acquired: 3/18/2019 19:58:00 Type: Unk
Method: P4-ICP2(v2954) 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	.78131	1.8943	.95975	1.9329	.78407	2.0587	.32132
Stddev	.00904	.0047	.00227	.0116	.00030	.0073	.00302
%RSD	1.1568	.24895	.23638	.59992	.03882	.35397	.94082

#1	.77425	1.8996	.95776	1.9249	.78378	2.0563	.32398
#2	.77819	1.8924	.96222	1.9275	.78439	2.0529	.31803
#3	.79150	1.8908	.95927	1.9462	.78405	2.0669	.32196

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20084	.18804	45.196	.41893	.20374	.31225	3.1230
Stddev	.00049	.00027	.209	.00108	.00031	.00135	.0217
%RSD	.24158	.14165	.46293	.25735	.15332	.43139	.69506

#1	.20113	.18834	45.207	.41770	.20343	.31072	3.0981
#2	.20111	.18795	44.981	.41972	.20374	.31277	3.1335
#3	.20028	.18784	45.399	.41938	.20405	.31326	3.1375

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.29030	19.295	.48460	.07252	141.28	.30096	.27367
Stddev	.00026	.050	.00061	.00059	.15	.00244	.00047
%RSD	.08786	.25975	.12505	.80736	.10497	.81083	.17124

#1	.29004	19.243	.48390	.07227	141.19	.30377	.27393
#2	.29031	19.299	.48491	.07319	141.20	.29972	.27395
#3	.29055	19.343	.48500	.07210	141.45	.29938	.27313

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.561	.40282	.32846	3.2908	8.2744	.66851	.20042
Stddev	.048	.00197	.00271	.0272	.0473	.00095	.00120
%RSD	.35219	.48905	.82608	.82603	.57101	.14158	.59726

#1	13.508	.40081	.32540	3.2707	8.2236	.66943	.20180
#2	13.573	.40293	.33059	3.2800	8.3170	.66856	.19964
#3	13.601	.40474	.32938	3.3218	8.2827	.66753	.19983

Sample Name: K1900-08 Acquired: 3/18/2019 19:58:00 Type: Unk
 Method: P4-ICP2(v2954) 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	.19073	5.558	.67049	4.4169	F<.00000
Stddev	.00186	.013	.00280	.2748	.67526
%RSD	.97776	.2350	.41761	6.2227	6.1435
#1	.18976	5.548	.66910	4.1276	-10.406
#2	.18955	5.573	.66865	4.4487	-10.838
#3	.19288	5.554	.67371	4.6745	-11.730
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3861.4	40471.	5368.0	33.332	3773.7
Stddev	9.3	83.	9.8	1.647	16.2
%RSD	.24123	.20504	.18263	4.9421	.42911
#1	3853.1	40426.	5372.9	32.037	3764.0
#2	3859.7	40566.	5374.4	32.772	3764.7
#3	3871.5	40419.	5356.7	35.186	3792.4

Sample Name: CCV08 Acquired: 3/18/2019 20:02:07 Type: Unk
Method: P4-ICP2(v2954) 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	5.0418	5.0330	5.0816	5.0227	5.0562	10.015	9.6379	.25691
Stddev	.0245	.0072	.0108	.0056	.0066	.063	.0588	.00020
%RSD	.48582	.14290	.21180	.11157	.13098	.63376	.60996	.07708
#1	5.0375	5.0303	5.0830	5.0287	5.0505	9.9445	9.6607	.25696
#2	5.0196	5.0276	5.0702	5.0217	5.0635	10.033	9.6818	.25708
#3	5.0681	5.0412	5.0916	5.0176	5.0546	10.068	9.5711	.25669
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4880	24.586	1.0294	2.5327	1.2567	5.1053	2.5610	24.735
Stddev	.0050	.197	.0037	.0054	.0018	.0360	.0027	.089
%RSD	.20010	.79974	.35720	.21229	.14006	.70556	.10531	.35810
#1	2.4892	24.387	1.0314	2.5320	1.2564	5.1146	2.5579	24.633
#2	2.4825	24.780	1.0316	2.5278	1.2552	5.1357	2.5622	24.796
#3	2.4922	24.592	1.0251	2.5385	1.2586	5.0655	2.5629	24.776
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4488	1.2868	24.263	2.4315	2.5400	23.833	4.9446	4.7785
Stddev	.0050	.0051	.232	.0025	.0040	.254	.0071	.0296
%RSD	.20486	.39963	.95754	.10391	.15682	1.0657	.14428	.62035
#1	2.4473	1.2865	24.438	2.4286	2.5395	23.990	4.9374	4.7563
#2	2.4446	1.2920	24.352	2.4323	2.5363	23.969	4.9449	4.8122
#3	2.4543	1.2818	23.999	2.4335	2.5443	23.540	4.9517	4.7671
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7396	5.0276	4.8551	4.9986	4.8039	4.937	4.9881	F 3.6728
Stddev	.0626	.0194	.0143	.0083	.0349	.030	.0249	.2505
%RSD	1.3208	.38684	.29421	.16698	.72578	.6065	.49984	6.8216
#1	4.7745	5.0358	4.8620	4.9890	4.8217	4.956	4.9978	3.7240
#2	4.6673	5.0417	4.8386	5.0039	4.8262	4.902	5.0067	3.8939
#3	4.7769	5.0054	4.8645	5.0029	4.7637	4.952	4.9597	3.4007

Sample Name: CCV08 Acquired: 3/18/2019 20:02:07 Type: Unk
 Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 4.0661
Stddev	.8717
%RSD	21.439

#1	3.8924
#2	5.0116
#3	3.2943

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3949.1	41348.	5432.1	31.926	3767.0
Stddev	3.6	137.	45.3	2.006	7.7
%RSD	.09161	.33099	.83368	6.2833	.20554

#1	3949.8	41356.	5414.4	34.243	3765.3
#2	3952.2	41208.	5398.4	30.778	3775.4
#3	3945.1	41481.	5483.6	30.758	3760.2

Sample Name: CCB08 Acquired: 3/18/2019 20:06:06 Type: Unk
Method: P4-ICP2(v2954) 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	-.00068	.00130	F .00363	.00256	-.00148	-.01171	-.00493
Stddev	.00190	.00089	.00060	.00128	.00115	.01167	.00429
%RSD	280.87	68.034	16.470	50.038	77.899	99.669	87.138

#1	-.00279	.00231	.00376	.00339	-.00023	-.00767	-.00145
#2	.00090	.00095	.00416	.00321	-.00249	-.02485	-.00972
#3	-.00014	.00064	.00298	.00108	-.00171	-.00259	-.00361

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	-.00007	.00688	.00028	.00021	-.00042	-.00097
Stddev	.00004	.00011	.01061	.00002	.00018	.00008	.00117
%RSD	38.825	144.17	154.37	7.6320	87.552	18.273	121.25

#1	.00008	.00004	-.00525	.00029	.00024	-.00034	.00024
#2	.00008	-.00017	.01448	.00026	.00001	-.00050	-.00103
#3	.00015	-.00010	.01140	.00031	.00038	-.00043	-.00211

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	.00214	-.00052	.00041	-.08838	.00019	F .01402
Stddev	.00007	.01780	.00038	.00052	.01486	.00018	.00031
%RSD	1871.5	830.09	72.966	127.30	16.815	95.185	2.1785

#1	-.00008	-.00902	-.00032	.00069	-.07445	-.00002	.01427
#2	.00006	.02267	-.00095	.00072	-.08668	.00026	.01411
#3	.00001	-.00722	-.00028	-.00019	-.10402	.00032	.01368

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.17017	.00008	-.00249	F -.02451	.00332	-.00037	.00195
Stddev	.00637	.00021	.00286	.00056	.00335	.00029	.00154
%RSD	3.7410	278.94	114.82	2.2675	100.94	78.273	79.126

#1	-.17160	.00012	.00079	-.02408	.00679	-.00065	.00048
#2	-.16320	.00026	-.00443	-.02514	.00306	-.00039	.00356
#3	-.17569	-.00015	-.00382	-.02430	.00010	-.00007	.00182

Sample Name: CCB08 Acquired: 3/18/2019 20:06:06 Type: Unk
 Method: P4-ICP2(v2954) 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	-.00871	.0019	.00002	F 1.5339	F 1.9936
Stddev	.00387	.0008	.00009	.0757	.8448
%RSD	44.398	44.04	395.23	4.9366	42.376
#1	-.00491	.0015	-.00007	1.5246	1.1160
#2	-.01263	.0029	.00011	1.4633	2.8012
#3	-.00858	.0014	.00004	1.6139	2.0635
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4092.0	43129.	5477.0	34.675	4167.7
Stddev	11.7	165.	57.2	.611	11.3
%RSD	.28593	.38222	1.0446	1.7621	.27184
#1	4097.0	42957.	5421.6	34.008	4166.2
#2	4078.7	43285.	5473.4	35.208	4157.2
#3	4100.4	43144.	5535.9	34.808	4179.7

Sample Name: K1900-09 Acquired: 3/18/2019 20:10:34 Type: Unk
Method: P4-ICP2(v2954) 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	.92683	2.2690	1.1465	2.2837	.92334	2.4467	.35036
Stddev	.00923	.0114	.0019	.0127	.00239	.0133	.01106
%RSD	.99547	.50179	.17017	.55749	.25864	.54258	3.1572

#1	.92041	2.2651	1.1447	2.2843	.92357	2.4314	.33958
#2	.93741	2.2818	1.1486	2.2962	.92560	2.4543	.36168
#3	.92268	2.2600	1.1462	2.2707	.92084	2.4544	.34983

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24038	.22566	44.738	.49611	.24197	.36813	3.6768
Stddev	.00028	.00063	1.099	.00142	.00096	.00232	.0651
%RSD	.11853	.27804	2.4558	.28578	.39807	.63043	1.7708

#1	.24005	.22546	43.471	.49742	.24140	.36897	3.6017
#2	.24050	.22636	45.414	.49460	.24309	.36991	3.7171
#3	.24058	.22515	45.331	.49630	.24143	.36551	3.7117

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.32752	19.157	.57868	.08540	139.42	.35900	.30763
Stddev	.00058	.522	.00192	.00111	3.37	.00143	.00083
%RSD	.17619	2.7227	.33195	1.2952	2.4165	.39854	.26830

#1	.32759	18.556	.57820	.08610	135.53	.35969	.30799
#2	.32691	19.487	.58080	.08598	141.19	.35735	.30822
#3	.32806	19.429	.57705	.08412	141.53	.35994	.30669

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.179	.47793	.38709	3.2575	8.3342	.80488	.23444
Stddev	.372	.00263	.01644	.0290	.1753	.00263	.00556
%RSD	2.4499	.54961	4.2469	.89143	2.1029	.32727	2.3718

#1	14.765	.47941	.36875	3.2809	8.1319	.80791	.22803
#2	15.485	.47947	.39198	3.2665	8.4339	.80353	.23728
#3	15.287	.47490	.40052	3.2250	8.4369	.80318	.23801

Sample Name: K1900-09 Acquired: 3/18/2019 20:10:34 Type: Unk
 Method: P4-ICP2(v2954) 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	.22181	6.657	.69200	4.4077	F<.00000
Stddev	.00477	.031	.01748	.1931	.33510
%RSD	2.1520	.4644	2.5267	4.3805	2.7166

#1	.21655	6.668	.67182	4.6286	-12.562
#2	.22587	6.681	.70162	4.3234	-12.493
#3	.22300	6.622	.70256	4.2711	-11.950

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3843.7	40198.	5338.9	30.776	3727.5
Stddev	8.0	116.	98.0	1.906	2.5
%RSD	.20691	.28954	1.8349	6.1946	.06693

#1	3836.6	40073.	5451.9	31.708	3725.8
#2	3842.3	40220.	5277.6	28.583	3726.3
#3	3852.3	40302.	5287.2	32.037	3730.3

Sample Name: K1900-07A Acquired: 3/18/2019 20:14:40 Type: Unk
Method: P4-ICP2(v2954) 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	.89735	2.2013	1.1107	2.2214	.89944	2.4064	.35307
Stddev	.00496	.0069	.0045	.0108	.00716	.0275	.00339
%RSD	.55271	.31275	.40628	.48668	.79654	1.1419	.96034
#1	.89646	2.1951	1.1066	2.2106	.89396	2.3781	.35236
#2	.89289	2.2001	1.1098	2.2215	.89681	2.4082	.35009
#3	.90269	2.2087	1.1155	2.2322	.90755	2.4330	.35676
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23213	.21914	45.482	.48533	.23547	.35819	3.5888
Stddev	.00034	.00114	.132	.00111	.00051	.00309	.0214
%RSD	.14835	.51848	.29098	.22808	.21838	.86337	.59499
#1	.23173	.21824	45.448	.48643	.23499	.35601	3.6135
#2	.23233	.21876	45.371	.48532	.23540	.35682	3.5765
#3	.23233	.22042	45.629	.48422	.23602	.36173	3.5765
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.31988	19.522	.56321	.08310	139.41	.34789	.29986
Stddev	.00026	.074	.00300	.00036	1.50	.00134	.00114
%RSD	.08228	.37895	.53184	.42809	1.0773	.38493	.37881
#1	.32002	19.520	.55975	.08326	141.11	.34836	.29872
#2	.32004	19.449	.56499	.08269	138.27	.34892	.29987
#3	.31957	19.597	.56489	.08335	138.84	.34638	.30099
Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.085	.46743	.38190	3.2585	8.2885	.78335	.23156
Stddev	.115	.00239	.00714	.0194	.0596	.00293	.00407
%RSD	.75982	.51041	1.8689	.59440	.71897	.37439	1.7582
#1	15.116	.46491	.38929	3.2407	8.3544	.78120	.23189
#2	14.958	.46773	.37505	3.2557	8.2726	.78669	.22733
#3	15.181	.46965	.38137	3.2791	8.2384	.78215	.23546

Sample Name: K1900-07A Acquired: 3/18/2019 20:14:40 Type: Unk
 Method: P4-ICP2(v2954) 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	.21964	6.469	.68955	4.5699	F<.00000
Stddev	.00125	.023	.00442	.4254	1.4879
%RSD	.56935	.3578	.64095	9.3093	11.682

#1	.21977	6.445	.69448	4.3357	-14.125
#2	.22082	6.472	.68594	4.3131	-11.166
#3	.21833	6.491	.68822	5.0610	-12.919

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3866.0	40147.	5346.6	32.319	3747.6
Stddev	8.3	148.	43.8	.702	1.2
%RSD	.21470	.36824	.81965	2.1711	.03325

#1	3873.7	40069.	5297.4	32.915	3746.2
#2	3867.1	40318.	5381.5	31.546	3748.4
#3	3857.2	40055.	5360.8	32.495	3748.3

Sample Name: K1900-11 Acquired: 3/18/2019 20:18:47 Type: Unk
Method: P4-ICP2(v2954) 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	-.00402	-.00063	.00898	.00317	-.00172	.04294	.13486	.00032
Stddev	.00165	.00097	.00077	.00302	.00128	.00818	.00308	.00008
%RSD	40.967	154.04	8.5409	95.110	74.219	19.047	2.2809	24.858

#1	-.00236	-.00168	.00885	.00333	-.00077	.04398	.13279	.00038
#2	-.00566	-.00041	.00828	.00008	-.00122	.03430	.13341	.00034
#3	-.00404	.00021	.00980	.00611	-.00318	.05056	.13840	.00023

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00043	45.095	.00132	.00524	.01442	.11163	.08920	17.467
Stddev	.00009	.126	.00042	.00029	.00014	.00139	.00013	.152
%RSD	20.110	.27866	31.584	5.4538	.99309	1.2484	.14318	.87264

#1	.00033	44.956	.00098	.00525	.01426	.11002	.08911	17.310
#2	.00045	45.130	.00179	.00495	.01449	.11250	.08916	17.477
#3	.00050	45.200	.00119	.00553	.01452	.11237	.08935	17.614

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00786	.00036	139.92	.00037	.07519	4.0222	.00008	.05107
Stddev	.00039	.00095	1.13	.00063	.00033	.0183	.00009	.00864
%RSD	4.9792	265.90	.81020	171.57	.44274	.45450	117.77	16.918

#1	.00743	-.00051	139.46	-.00030	.07556	4.0365	.00017	.05778
#2	.00821	.00021	139.10	.00044	.07493	4.0285	-.00000	.04132
#3	.00793	.00136	141.22	.00095	.07507	4.0016	.00005	.05411

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.3335	7.4252	-.00206	-.00071	.00149	.0023	.47975	4.1654
Stddev	.0226	.0517	.00063	.00072	.00352	.0013	.00224	.2088
%RSD	.67717	.69557	30.836	100.70	235.60	55.94	.46677	5.0138

#1	3.3090	7.3813	-.00254	-.00085	-.00192	.0011	.47809	4.3709
#2	3.3379	7.4122	-.00134	.00007	.00128	.0021	.47887	4.1718
#3	3.3535	7.4821	-.00229	-.00134	.00512	.0037	.48230	3.9533

Sample Name: K1900-11 Acquired: 3/18/2019 20:18:47 Type: Unk
Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 11.418
Stddev 1.467
%RSD 12.844

#1 12.561
#2 9.7645
#3 11.929

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3876.0	40213.	5326.9	32.106	3778.7
Stddev	12.0	192.	31.9	1.015	4.9
%RSD	.30887	.47803	.59891	3.1609	.12874

#1	3866.7	39999.	5336.7	30.961	3773.6
#2	3871.7	40268.	5352.8	32.462	3779.1
#3	3889.5	40372.	5291.3	32.894	3783.3

Sample Name: K1900-13 Acquired: 3/18/2019 20:23:11 Type: Unk
Method: P4-ICP2(v2954) 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	-.00333	.00027	.00659	.00361	-.00258	.00447	.03805	.00005
Stddev	.00195	.00159	.00026	.00254	.00342	.00693	.00157	.00003
%RSD	58.523	595.23	3.9569	70.255	132.54	154.97	4.1265	56.477

#1	-.00301	-.00153	.00660	.00644	-.00652	.01245	.03647	.00007
#2	-.00156	.00082	.00685	.00154	-.00083	-.00011	.03807	.00002
#3	-.00541	.00151	.00633	.00285	-.00038	.00108	.03961	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00018	14.289	.02266	.00063	.00221	.14639	.02020	4.6880
Stddev	.00003	.028	.00011	.00013	.00016	.00154	.00010	.0462
%RSD	16.880	.19259	.46887	19.893	7.4559	1.0517	.47868	.98627

#1	-.00021	14.307	.02265	.00077	.00232	.14796	.02022	4.7389
#2	-.00015	14.303	.02277	.00060	.00228	.14630	.02028	4.6766
#3	-.00016	14.258	.02255	.00052	.00202	.14489	.02009	4.6486

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01071	.00046	43.419	.00059	.02293	2.1512	.00047	.05578
Stddev	.00046	.00032	.246	.00006	.00013	.0253	.00015	.00204
%RSD	4.2671	70.394	.56637	11.018	.57012	1.1776	32.103	3.6617

#1	.01048	.00025	43.697	.00052	.02307	2.1725	.00064	.05497
#2	.01124	.00029	43.231	.00065	.02290	2.1580	.00042	.05810
#3	.01042	.00083	43.329	.00060	.02282	2.1232	.00035	.05426

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.5596	9.1464	-.00522	-.00178	-.00452	.0065	.10608	2.3682
Stddev	.0207	.0764	.00023	.00069	.00148	.0018	.00009	.2164
%RSD	.21671	.83491	4.4486	38.703	32.824	28.58	.08574	9.1371

#1	9.5702	9.2302	-.00503	-.00196	-.00472	.0077	.10598	2.6162
#2	9.5357	9.1282	-.00548	-.00235	-.00295	.0043	.10614	2.2700
#3	9.5728	9.0808	-.00515	-.00102	-.00590	.0074	.10613	2.2183

Sample Name: K1900-13 Acquired: 3/18/2019 20:23:11 Type: Unk
Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 4.9797
Stddev .7976
%RSD 16.018

#1 5.7066
#2 5.1061
#3 4.1264

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4022.1	42122.	5412.1	33.231	4075.3
Stddev	3.6	70.	44.4	1.247	11.0
%RSD	.08850	.16679	.82091	3.7515	.27066

#1	4018.1	42041.	5363.4	33.229	4062.6
#2	4024.9	42159.	5422.3	34.478	4082.1
#3	4023.4	42166.	5450.5	31.985	4081.2

Sample Name: K1900-14 Acquired: 3/18/2019 20:27:37 Type: Unk
Method: P4-ICP2(v2954) 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	-.00190	-.00180	.00499	.00019	-.00375	.06626	.08451	.00003
Stddev	.00362	.00015	.00083	.00321	.00129	.01813	.00076	.00007
%RSD	191.10	8.4953	16.589	1669.0	34.270	27.364	.90519	206.34
#1	-.00551	-.00170	.00570	-.00157	-.00227	.06124	.08532	-.00002
#2	-.00192	-.00198	.00408	.00390	-.00442	.08638	.08438	.00001
#3	.00174	-.00172	.00519	-.00175	-.00458	.05117	.08381	.00011
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00187	52.527	.03018	.00069	.00012	.55428	.00100	14.264
Stddev	.00005	.301	.00015	.00026	.00063	.00705	.00002	.014
%RSD	2.6489	.57295	.50530	38.092	514.53	1.2722	2.3606	.09764
#1	.00192	52.865	.03029	.00099	-.00057	.56192	.00097	14.251
#2	.00187	52.289	.03024	.00054	.00028	.55290	.00099	14.261
#3	.00182	52.427	.03000	.00054	.00066	.54802	.00102	14.279
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00134	-.00045	40.302	.00182	.02033	9.7239	.00027	.14396
Stddev	.00024	.00034	.119	.00068	.00030	.0648	.00006	.00703
%RSD	17.780	74.136	.29491	37.703	1.4891	.66679	22.432	4.8828
#1	.00162	-.00007	40.437	.00103	.02068	9.6889	.00021	.15181
#2	.00120	-.00057	40.211	.00229	.02017	9.6841	.00033	.13826
#3	.00121	-.00072	40.258	.00213	.02014	9.7987	.00027	.14180
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 13.110	4.0940	-.00634	.00014	-.00044	.0105	1.1266	3.2322
Stddev	.057	.0303	.00021	.00201	.00248	.0013	.0068	.2481
%RSD	.43508	.74051	3.2469	1431.8	564.91	12.49	.60377	7.6760
#1	13.140	4.1274	-.00652	-.00064	-.00092	.0104	1.1345	2.9474
#2	13.045	4.0864	-.00612	.00243	-.00264	.0119	1.1233	3.4015
#3	13.147	4.0682	-.00637	-.00136	.00224	.0093	1.1221	3.3476

Sample Name: K1900-14 Acquired: 3/18/2019 20:27:37 Type: Unk
 Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	7.4351
Stddev	2.0163
%RSD	27.118

#1	6.0250
#2	9.7445
#3	6.5357

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3950.4	41290.	5377.1	32.723	3913.0
Stddev	2.7	200.	43.0	.386	3.3
%RSD	.06901	.48540	.79986	1.1800	.08452

#1	3948.4	41275.	5327.6	32.751	3911.6
#2	3949.2	41097.	5398.6	32.324	3910.6
#3	3953.5	41497.	5405.2	33.095	3916.8

Sample Name: K1900-15 Acquired: 3/18/2019 20:32:01 Type: Unk
Method: P4-ICP2(v2954) 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	-.00410	-.00177	.00302	.00186	-.00266	.02296	.00330	-.00004
Stddev	.00045	.00051	.00046	.00185	.00064	.00865	.00075	.00004
%RSD	11.061	28.634	15.304	99.360	24.070	37.660	22.720	92.338

#1	-.00423	-.00229	.00273	-.00010	-.00315	.02030	.00353	-.00008
#2	-.00359	-.00174	.00355	.00212	-.00194	.03263	.00390	-.00000
#3	-.00447	-.00128	.00277	.00357	-.00291	.01596	.00246	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00070	5.0771	.01438	.00014	-.00050	.13796	.00147	1.4565
Stddev	.00004	.0273	.00035	.00001	.00042	.00265	.00004	.0088
%RSD	5.6509	.53752	2.4023	9.7944	83.606	1.9181	2.4055	.60647

#1	.00066	5.0459	.01401	.00013	-.00095	.13491	.00150	1.4618
#2	.00074	5.0968	.01470	.00015	-.00043	.13930	.00148	1.4463
#3	.00069	5.0885	.01443	.00015	-.00012	.13967	.00143	1.4614

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00053	.00013	20.518	.00064	.03621	.64131	.00008	.00886
Stddev	.00015	.00049	.096	.00014	.00006	.01127	.00027	.01103
%RSD	28.239	392.88	.46769	21.183	.17576	1.7576	341.56	124.45

#1	.00052	.00070	20.518	.00052	.03628	.62879	.00018	-.00133
#2	.00038	-.00015	20.421	.00061	.03622	.64452	.00029	.00735
#3	.00068	-.00017	20.613	.00079	.03615	.65064	-.00023	.02057

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.90742	3.8868	-.00285	.00154	-.00590	.0070	.02410	2.0742
Stddev	.00213	.0274	.00072	.00203	.00079	.0018	.00016	.2891
%RSD	.23452	.70497	25.180	131.59	13.428	25.91	.64361	13.939

#1	.90496	3.9081	-.00302	.00238	-.00644	.0084	.02425	2.1546
#2	.90865	3.8964	-.00206	-.00077	-.00627	.0075	.02394	1.7533
#3	.90864	3.8559	-.00347	.00302	-.00499	.0049	.02411	2.3145

Sample Name: K1900-15 Acquired: 3/18/2019 20:32:01 Type: Unk
 Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.1197
 Stddev 1.1150
 %RSD 52.603

#1 1.0745
 #2 3.2934
 #3 1.9911

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4015.5	42526.	5359.5	33.932	4106.0
Stddev	6.4	44.	32.2	1.012	5.8
%RSD	.15938	.10412	.59995	2.9825	.14039

#1	4008.9	42482.	5343.6	34.699	4101.3
#2	4015.9	42570.	5396.5	34.313	4104.2
#3	4021.7	42526.	5338.3	32.785	4112.4

Sample Name: K1937-02 Acquired: 3/18/2019 20:36:28 Type: Unk
Method: P4-ICP2(v2954) 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	-.00423	-.00391	.00642	.00346	-.00294	.62080	.08993	.00008
Stddev	.00441	.00149	.00082	.00186	.00031	.01072	.00501	.00008
%RSD	104.30	37.992	12.815	53.929	10.549	1.7262	5.5669	91.975

#1	.00064	-.00545	.00677	.00186	-.00324	.61489	.09450	.00009
#2	-.00536	-.00380	.00700	.00301	-.00262	.63317	.08458	.00000
#3	-.00796	-.00248	.00548	.00551	-.00297	.61434	.09069	.00016

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00031	20.914	.06080	.00065	.00130	.91788	.01182	7.1667
Stddev	.00007	.231	.00044	.00013	.00020	.01046	.00011	.0742
%RSD	23.024	1.1025	.72687	20.577	14.987	1.1391	.89295	1.0354

#1	-.00038	21.012	.06073	.00075	.00122	.92995	.01194	7.2498
#2	-.00024	20.650	.06127	.00050	.00116	.91156	.01176	7.1431
#3	-.00031	21.079	.06040	.00069	.00152	.91212	.01175	7.1071

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00078	.00007	109.69	.00249	.02894	2.4704	-.00004	.03269
Stddev	.00017	.00027	1.52	.00012	.00034	.0442	.00021	.00334
%RSD	21.666	408.25	1.3834	4.9260	1.1705	1.7901	492.35	10.214

#1	.00060	-.00012	111.42	.00240	.02930	2.4325	-.00023	.03462
#2	.00081	-.00006	108.60	.00244	.02889	2.4598	-.00008	.03462
#3	.00094	.00037	109.04	.00263	.02863	2.5190	.00019	.02884

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.0019	5.5526	-.00424	.01776	-.00740	.0060	.15367	3.5133
Stddev	.0237	.0585	.00055	.00281	.00285	.0003	.00154	.5634
%RSD	.29657	1.0529	12.912	15.805	38.459	5.255	1.0020	16.036

#1	8.0032	5.6154	-.00470	.01799	-.00725	.0059	.15481	2.9926
#2	7.9775	5.4997	-.00364	.02045	-.00463	.0064	.15192	4.1114
#3	8.0249	5.5428	-.00437	.01485	-.01032	.0058	.15427	3.4359

Sample Name: K1937-02 Acquired: 3/18/2019 20:36:28 Type: Unk
 Method: P4-ICP2(v2954) 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	4.8782
Stddev	1.5826
%RSD	32.441

#1	4.3065
#2	6.6672
#3	3.6610

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3949.9	40960.	5340.8	33.294	3892.6
Stddev	17.1	179.	56.6	2.115	9.0
%RSD	.43349	.43765	1.0603	6.3541	.22994

#1	3957.6	41092.	5280.3	31.061	3887.6
#2	3930.3	40756.	5392.6	33.553	3887.2
#3	3961.9	41031.	5349.6	35.268	3902.9

Sample Name: K1937-03 Acquired: 3/18/2019 20:40:53 Type: Unk
Method: P4-ICP2(v2954) 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	-.00094	-.00312	.00874	.00040	-.00361	1.2658	.04447	.00001
Stddev	.00056	.00059	.00022	.00146	.00082	.0118	.00637	.00003
%RSD	59.839	18.940	2.5181	365.15	22.585	.93487	14.320	184.02
#1	-.00157	-.00356	.00854	-.00128	-.00297	1.2599	.04643	-.00002
#2	-.00073	-.00335	.00898	.00110	-.00453	1.2580	.03736	.00003
#3	-.00051	-.00245	.00871	.00138	-.00334	1.2794	.04963	.00003
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00031	26.401	.00288	.00035	.00128	1.0857	.00483	8.8152
Stddev	.00005	.121	.00061	.00006	.00055	.0133	.00007	.0477
%RSD	16.422	.45740	21.316	17.351	42.537	1.2286	1.5013	.54085
#1	-.00025	26.529	.00218	.00028	.00089	1.0908	.00484	8.7867
#2	-.00034	26.383	.00315	.00039	.00190	1.0958	.00490	8.8702
#3	-.00035	26.290	.00333	.00039	.00105	1.0706	.00475	8.7886
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00029	.00006	66.789	.00314	.02956	2.5278	.00020	.05714
Stddev	.00030	.00031	.639	.00032	.00031	.0239	.00024	.00323
%RSD	103.33	553.69	.95694	10.334	1.0653	.94745	119.16	5.6457
#1	-.00061	-.00018	67.068	.00351	.02989	2.5553	.00025	.05716
#2	-.00025	.00040	67.241	.00304	.02955	2.5116	.00040	.06035
#3	-.00001	-.00006	66.058	.00289	.02926	2.5164	-.00006	.05390
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.4662	F 10.221	-.00356	.04842	-.00185	.0047	.19214	3.0621
Stddev	.0059	.109	.00058	.00144	.00141	.0003	.00091	.1434
%RSD	.10828	1.0621	16.199	2.9725	75.894	5.347	.47588	4.6846
#1	5.4673	10.282	-.00403	.04850	-.00219	.0048	.19301	3.0895
#2	5.4598	10.286	-.00291	.04695	-.00306	.0048	.19223	3.1899
#3	5.4714	10.096	-.00373	.04983	-.00031	.0044	.19119	2.9070

Sample Name: K1937-03 Acquired: 3/18/2019 20:40:53 Type: Unk
 Method: P4-ICP2(v2954) 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	4.8719
Stddev	1.6297
%RSD	33.450

#1	4.0507
#2	3.8163
#3	6.7488

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3978.0	41601.	5359.2	34.178	3954.2
Stddev	6.1	30.	69.4	.995	5.7
%RSD	.15401	.07261	1.2942	2.9120	.14513

#1	3970.9	41632.	5309.7	34.477	3948.0
#2	3982.3	41572.	5329.5	34.989	3955.3
#3	3980.7	41600.	5438.5	33.067	3959.3

Sample Name: K1937-04 Acquired: 3/18/2019 20:45:18 Type: Unk
 Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BPS1-TT-MW31 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00196	-.00058	.00358	.00342	-.00298	.01540	.02295	.00001
Stddev	.00089	.00238	.00099	.00165	.00127	.01285	.00080	.00007
%RSD	45.375	408.81	27.752	48.325	42.498	83.464	3.4661	639.57

#1	-.00231	-.00211	.00384	.00279	-.00159	.02109	.02323	.00009
#2	-.00262	.00216	.00442	.00529	-.00407	.02443	.02357	-.00001
#3	-.00095	-.00178	.00248	.00217	-.00330	.00068	.02206	-.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00072	9.7360	.00266	.00002	-.00106	.03814	.00271	2.3699
Stddev	.00004	.0558	.00003	.00012	.00056	.00016	.00005	.1164
%RSD	5.4801	.57287	1.1264	530.03	53.109	.41984	2.0123	4.9127

#1	.00071	9.6811	.00263	-.00011	-.00167	.03796	.00265	2.3006
#2	.00068	9.7342	.00265	.00013	-.00056	.03827	.00274	2.3047
#3	.00076	9.7926	.00269	.00005	-.00096	.03819	.00274	2.5043

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00069	.00020	80.119	.00030	.02136	1.7407	-.00024	.02520
Stddev	.00002	.00041	.656	.00029	.00019	.0540	.00014	.01265
%RSD	2.9613	200.99	.81913	95.900	.88041	3.0999	58.776	50.179

#1	.00066	.00010	79.533	.00035	.02156	1.7410	-.00022	.03150
#2	.00070	.00065	79.995	-.00001	.02135	1.6866	-.00011	.03346
#3	.00070	-.00015	80.828	.00055	.02118	1.7945	-.00039	.01064

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1249	3.4780	-.00340	-.00041	-.00529	.0027	.06969	2.7568
Stddev	.0174	.0194	.00057	.00143	.00417	.0012	.00058	.1235
%RSD	.34016	.55891	16.748	345.35	78.895	43.59	.83393	4.4799

#1	5.1113	3.4557	-.00403	.00071	-.00666	.0020	.06903	2.8371
#2	5.1445	3.4914	-.00293	.00007	-.00060	.0020	.06992	2.6146
#3	5.1188	3.4869	-.00324	-.00202	-.00860	.0040	.07011	2.8188

Sample Name: K1937-04 Acquired: 3/18/2019 20:45:18 Type: Unk
 Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BPS1-TT-MW31 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 5.6298
 Stddev 1.3080
 %RSD 23.234

#1 4.1216
 #2 6.4536
 #3 6.3142

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3975.2	41488.	5317.0	33.982	3950.9
Stddev	5.8	105.	31.5	.829	1.7
%RSD	.14630	.25205	.59326	2.4395	.04339

#1	3968.8	41395.	5345.7	33.571	3949.1
#2	3980.2	41469.	5322.0	33.438	3952.6
#3	3976.6	41601.	5283.2	34.936	3950.9

Sample Name: K1937-05 Acquired: 3/18/2019 20:49:43 Type: Unk
Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BPS1-TT-MW31 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00205	.00067	.00358	.00034	-.00170	.00632	.01591	-.00001
Stddev	.00083	.00105	.00067	.00376	.00057	.01182	.00480	.00006
%RSD	40.352	156.97	18.640	1107.4	33.424	187.02	30.200	1079.3

#1	-.00169	-.00053	.00366	.00451	-.00107	.01001	.01679	-.00000
#2	-.00146	.00116	.00287	-.00281	-.00186	-.00691	.01073	.00005
#3	-.00299	.00138	.00420	-.00068	-.00217	.01586	.02022	-.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00170	8.7615	.00680	.00018	-.00080	.04131	.00113	2.0709
Stddev	.00005	.0387	.00025	.00024	.00038	.00125	.00006	.0374
%RSD	3.1576	.44119	3.7139	131.47	47.907	3.0274	5.4200	1.8050

#1	.00170	8.7270	.00698	-.00006	-.00036	.04164	.00120	2.1136
#2	.00176	8.7544	.00691	.00041	-.00098	.04237	.00111	2.0547
#3	.00165	8.8033	.00651	.00019	-.00106	.03993	.00108	2.0443

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00284	.00033	9.3275	.00051	.03521	1.5779	-.00006	.00787
Stddev	.00036	.00028	.0760	.00019	.00024	.0505	.00026	.00468
%RSD	12.765	83.220	.81466	38.224	.68922	3.1984	447.43	59.482

#1	.00283	.00033	9.4149	.00045	.03544	1.6089	-.00004	.00268
#2	.00248	.00061	9.2901	.00073	.03524	1.6051	-.00033	.00916
#3	.00320	.00006	9.2774	.00035	.03495	1.5196	.00019	.01178

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.0065	4.4797	-.00286	.00021	-.00849	.0053	.04644	1.5330
Stddev	.0336	.0295	.00069	.00254	.00165	.0014	.00011	.0849
%RSD	.83850	.65825	24.265	1228.2	19.386	27.04	.23487	5.5368

#1	4.0259	4.5092	-.00207	-.00003	-.00946	.0069	.04634	1.5416
#2	4.0259	4.4797	-.00339	-.00221	-.00942	.0051	.04642	1.4442
#3	3.9677	4.4503	-.00311	.00286	-.00659	.0040	.04655	1.6133

Sample Name: K1937-05 Acquired: 3/18/2019 20:49:43 Type: Unk
 Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BPS1-TT-MW31 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	4.5588
Stddev	.4342
%RSD	9.5235

#1	4.3065
#2	4.3098
#3	5.0601

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4083.1	42985.	5397.6	33.702	4163.1
Stddev	5.2	13.	50.1	1.585	2.2
%RSD	.12661	.02992	.92740	4.7030	.05348

#1	4078.8	42995.	5342.8	34.396	4162.3
#2	4088.8	42989.	5409.0	34.822	4161.5
#3	4081.7	42971.	5441.0	31.889	4165.7

Sample Name: CCV09 Acquired: 3/18/2019 20:54:10 Type: Unk
Method: P4-ICP2(v2954) 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	4.9833	5.0725	5.0747	5.0105	4.9906	10.004	9.6958	.25854
Stddev	.0260	.0231	.0071	.0138	.0247	.132	.0486	.00124
%RSD	.52198	.45519	.14064	.27513	.49534	1.3165	.50173	.47943
#1	4.9902	5.0930	5.0810	5.0157	4.9911	9.9065	9.6931	.25844
#2	5.0052	5.0769	5.0761	5.0209	5.0151	9.9522	9.7458	.25983
#3	4.9545	5.0475	5.0669	4.9948	4.9657	10.154	9.6486	.25736
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5078	25.202	1.0502	2.5339	1.2601	5.2466	2.5825	25.195
Stddev	.0087	.107	.0052	.0078	.0070	.0278	.0042	.070
%RSD	.34672	.42407	.49577	.30728	.55271	.53000	.16355	.27871
#1	2.5165	25.078	1.0444	2.5422	1.2632	5.2510	2.5821	25.122
#2	2.5077	25.265	1.0544	2.5325	1.2650	5.2719	2.5869	25.262
#3	2.4991	25.262	1.0519	2.5268	1.2521	5.2168	2.5785	25.200
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4845	1.2902	24.608	2.5044	2.5218	23.882	5.0146	4.8738
Stddev	.0072	.0030	.219	.0101	.0090	.178	.0199	.0149
%RSD	.29037	.23048	.88801	.40109	.35567	.74613	.39702	.30607
#1	2.4910	1.2886	24.717	2.5128	2.5318	23.828	5.0256	4.8579
#2	2.4857	1.2884	24.750	2.5072	2.5194	24.081	5.0267	4.8760
#3	2.4767	1.2936	24.356	2.4933	2.5143	23.737	4.9917	4.8875
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7524	5.0940	4.9774	5.0363	4.7900	4.999	4.9992	F 3.8767
Stddev	.0179	.0300	.0036	.0190	.0329	.021	.0221	.1737
%RSD	.37568	.58929	.07148	.37751	.68727	.4144	.44231	4.4817
#1	4.7541	5.1235	4.9807	5.0145	4.7928	5.005	4.9969	3.6776
#2	4.7694	5.0951	4.9778	5.0451	4.8215	5.015	5.0223	3.9975
#3	4.7338	5.0635	4.9736	5.0494	4.7558	4.975	4.9783	3.9551

Sample Name: CCV09 Acquired: 3/18/2019 20:54:10 Type: Unk
Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3.6346
Stddev 1.6258
%RSD 44.730

#1 1.7825
#2 4.8258
#3 4.2956

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3980.6	40983.	5308.0	31.455	3761.6
Stddev	20.7	102.	56.2	.873	11.6
%RSD	.51994	.24793	1.0597	2.7768	.30817

#1	3980.6	41006.	5274.9	32.316	3755.8
#2	3959.9	40872.	5276.1	30.569	3754.2
#3	4001.3	41072.	5372.9	31.479	3775.0

Sample Name: CCB09 Acquired: 3/18/2019 20:58:09 Type: Unk
Method: P4-ICP2(v2954) 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	-.00310	-.00076	F .00340	.00054	-.00247	-.01926	-.00230
Stddev	.00206	.00151	.00049	.00201	.00186	.00727	.00573
%RSD	66.454	198.24	14.542	371.49	75.402	37.726	249.20

#1	-.00075	-.00069	.00336	-.00162	-.00066	-.01110	-.00289
#2	-.00397	-.00231	.00293	.00236	-.00236	-.02167	-.00771
#3	-.00459	.00071	.00391	.00088	-.00438	-.02502	.00370

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	-.00008	.00493	.00002	.00025	-.00064	.00077
Stddev	.00004	.00008	.01339	.00043	.00029	.00003	.00075
%RSD	88.896	100.54	271.60	2724.8	117.48	4.5422	97.551

#1	.00003	-.00001	-.00910	-.00047	-.00008	-.00066	-.00008
#2	.00009	-.00007	.01757	.00035	.00047	-.00066	.00106
#3	.00001	-.00018	.00631	.00017	.00037	-.00061	.00134

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	.00471	-.00073	.00070	-.10076	.00045	.00968
Stddev	.00004	.03767	.00003	.00017	.00503	.00059	.00039
%RSD	79.055	799.63	3.7568	24.631	4.9908	129.87	3.9812

#1	-.00009	-.02787	-.00073	.00090	-.10656	-.00021	.01011
#2	-.00001	-.00396	-.00071	.00064	-.09762	.00064	.00959
#3	-.00008	.04596	-.00076	.00057	-.09810	.00092	.00936

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.14583	.00014	.00112	F -.02526	.00629	-.00021	-.00019
Stddev	.03532	.00032	.00247	.00657	.00142	.00074	.00176
%RSD	24.222	234.93	221.01	25.988	22.586	357.32	900.75

#1	-.12706	.00024	.00020	-.03254	.00498	.00063	-.00147
#2	-.12385	.00039	.00391	-.02349	.00609	-.00050	.00181
#3	-.18657	-.00022	-.00076	-.01977	.00780	-.00076	-.00093

Sample Name: CCB09 Acquired: 3/18/2019 20:58:09 Type: Unk
 Method: P4-ICP2(v2954) 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	-.00735	.0007	-.00000	F 1.3340	F 1.9368
Stddev	.00287	.0008	.00028	.3142	1.4582
%RSD	38.993	104.3	229360.	23.555	75.291
#1	-.01061	.0014	.00031	1.3180	2.4986
#2	-.00620	-.0001	-.00023	1.0281	.28122
#3	-.00524	.0009	-.00008	1.6559	3.0306
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4168.0	43110.	5306.5	32.225	4216.1
Stddev	11.1	259.	47.9	1.804	9.3
%RSD	.26537	.60020	.90198	5.5969	.21963
#1	4156.0	42885.	5359.5	34.300	4205.4
#2	4177.8	43393.	5266.4	31.033	4221.1
#3	4170.3	43052.	5293.4	31.342	4221.7

Sample Name: K1937-08 Acquired: 3/18/2019 21:02:37 Type: Unk
Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BPS1-TT-MW31 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00529	-.00178	.00475	.00430	-.00208	.12490	.09361	.00004
Stddev	.00133	.00174	.00045	.00277	.00085	.00325	.00550	.00008
%RSD	25.053	97.882	9.4177	64.430	41.012	2.6007	5.8790	184.37
#1	-.00656	-.00338	.00516	.00343	-.00296	.12391	.08999	.00012
#2	-.00392	.00007	.00483	.00207	-.00202	.12226	.09090	-.00004
#3	-.00540	-.00203	.00427	.00741	-.00126	.12852	.09994	.00006
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00031	36.531	.00487	.00028	.00066	.14154	.00240	8.3663
Stddev	.00008	.058	.00014	.00018	.00032	.00078	.00004	.1287
%RSD	25.489	.15746	2.9706	63.451	48.694	.54797	1.6905	1.5383
#1	-.00030	36.490	.00491	.00047	.00099	.14071	.00243	8.2392
#2	-.00039	36.507	.00471	.00026	.00062	.14166	.00235	8.4966
#3	-.00023	36.597	.00499	.00012	.00036	.14225	.00241	8.3631
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00078	.00021	89.825	.00101	.02155	4.9712	.00004	.08600
Stddev	.00019	.00017	.112	.00062	.00035	.0052	.00033	.00748
%RSD	24.452	81.535	.12465	61.555	1.6448	.10369	853.99	8.6920
#1	.00086	.00029	89.942	.00158	.02194	4.9712	.00010	.08876
#2	.00092	.00032	89.815	.00111	.02146	4.9660	-.00032	.09171
#3	.00056	.00001	89.719	.00035	.02125	4.9763	.00034	.07754
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 12.547	4.2710	-.00550	.00197	-.00657	.0065	.18911	2.6085
Stddev	.089	.0208	.00001	.00162	.00380	.0014	.00079	.2129
%RSD	.70548	.48738	.18428	82.365	57.779	20.94	.41894	8.1608
#1	12.604	4.2663	-.00550	.00356	-.01044	.0069	.18955	2.8071
#2	12.445	4.2529	-.00551	.00033	-.00285	.0049	.18959	2.6346
#3	12.593	4.2937	-.00549	.00201	-.00643	.0075	.18819	2.3837

Sample Name: K1937-08 Acquired: 3/18/2019 21:02:37 Type: Unk
 Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BPS1-TT-MW31 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	9.2624
Stddev	.4818
%RSD	5.2020

#1	8.9443
#2	9.8168
#3	9.0262

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4051.1	41827.	5421.5	33.496	3976.5
Stddev	8.0	75.	21.6	.816	12.3
%RSD	.19693	.17843	.39871	2.4368	.30824

#1	4043.3	41744.	5406.4	32.553	3962.3
#2	4059.3	41888.	5446.3	33.973	3983.9
#3	4050.8	41850.	5411.9	33.961	3983.1

Sample Name: K1937-11 Acquired: 3/18/2019 21:07:02 Type: Unk
Method: P4-ICP2(v2954) 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	-.00303	-.00032	.00443	-.00149	-.00250	-.01371	.09579	.00011
Stddev	.00082	.00060	.00040	.00117	.00140	.00214	.00315	.00006
%RSD	27.064	189.37	9.0169	78.567	55.869	15.601	3.2906	53.508

#1	-.00267	.00026	.00398	-.00169	-.00397	-.01542	.09917	.00015
#2	-.00244	-.00027	.00474	-.00255	-.00119	-.01131	.09525	.00004
#3	-.00396	-.00093	.00456	-.00023	-.00235	-.01440	.09294	.00015

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00018	26.664	.00914	.00530	-.00061	.20712	.08234	7.3875
Stddev	.00012	.231	.00031	.00017	.00005	.00259	.00069	.0341
%RSD	69.244	.86632	3.3682	3.1517	7.7857	1.2515	.83883	.46150

#1	-.00006	26.516	.00920	.00544	-.00057	.20691	.08211	7.4187
#2	-.00017	26.545	.00880	.00535	-.00067	.20464	.08179	7.3511
#3	-.00030	26.930	.00941	.00512	-.00061	.20981	.08311	7.3927

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00016	.00040	105.17	.00005	.01698	3.2727	-.00018	.04202
Stddev	.00045	.00041	1.27	.00024	.00002	.0130	.00042	.00581
%RSD	287.64	102.08	1.2077	526.46	.13017	.39698	233.09	13.837

#1	-.00003	.00068	105.73	.00031	.01699	3.2675	-.00067	.04510
#2	.00022	.00060	103.72	.00001	.01695	3.2632	.00007	.03531
#3	-.00065	-.00007	106.07	-.00018	.01699	3.2875	.00006	.04565

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.8463	5.4054	-.00508	-.00164	-.00492	.0007	.21356	2.6201
Stddev	.0478	.0494	.00059	.00135	.00066	.0013	.00171	.0599
%RSD	.48576	.91378	11.540	82.602	13.478	193.2	.80083	2.2845

#1	9.8016	5.4338	-.00527	-.00099	-.00421	.0016	.21360	2.5548
#2	9.8405	5.3484	-.00442	-.00073	-.00502	.0012	.21182	2.6332
#3	9.8968	5.4340	-.00554	-.00319	-.00552	-.0008	.21524	2.6724

Sample Name: K1937-11 Acquired: 3/18/2019 21:07:02 Type: Unk
 Method: P4-ICP2(v2954) 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	7.4822
Stddev	2.4467
%RSD	32.700

#1	4.6786
#2	8.5820
#3	9.1859

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4025.1	41676.	5427.2	33.723	3958.8
Stddev	12.9	166.	64.1	.143	9.3
%RSD	.32159	.39822	1.1803	.42507	.23550

#1	4025.5	41754.	5387.6	33.762	3969.2
#2	4012.0	41790.	5501.1	33.565	3951.2
#3	4037.9	41486.	5393.0	33.843	3956.0

Sample Name: K1937-12 Acquired: 3/18/2019 21:11:27 Type: Unk
Method: P4-ICP2(v2954) 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	-.00453	.00045	.00327	.00054	-.00311	-.01602	.08812	.00005
Stddev	.00255	.00182	.00020	.00213	.00059	.00963	.00541	.00008
%RSD	56.336	406.42	6.0189	394.42	19.092	60.133	6.1371	137.96

#1	-.00351	.00110	.00321	-.00079	-.00245	-.02445	.08573	-.00002
#2	-.00264	.00186	.00311	.00300	-.00359	-.01810	.08432	.00013
#3	-.00743	-.00161	.00349	-.00058	-.00331	-.00552	.09431	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00029	24.000	.00669	.00434	-.00089	.14303	.07054	6.6081
Stddev	.00012	.054	.00017	.00010	.00043	.00125	.00015	.0134
%RSD	40.687	.22323	2.5265	2.3608	48.172	.87651	.21368	.20203

#1	-.00025	24.059	.00662	.00437	-.00101	.14169	.07051	6.5980
#2	-.00042	23.986	.00689	.00422	-.00124	.14324	.07071	6.6232
#3	-.00019	23.955	.00657	.00442	-.00041	.14418	.07041	6.6031

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00024	-.00005	95.012	.00033	.01603	2.8963	-.00034	.04072
Stddev	.00019	.00051	.446	.00021	.00025	.0325	.00027	.00409
%RSD	81.350	994.10	.46923	63.375	1.5459	1.1229	80.021	10.047

#1	.00010	.00008	95.526	.00046	.01631	2.9338	-.00064	.04198
#2	.00046	-.00062	94.786	.00044	.01597	2.8782	-.00013	.04404
#3	.00016	.00038	94.725	.00009	.01583	2.8768	-.00023	.03615

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.7560	4.9444	-.00473	-.00235	-.00818	.0009	.19167	1.8527
Stddev	.0336	.0647	.00071	.00092	.00022	.0007	.00006	.2634
%RSD	.38397	1.3085	14.954	39.282	2.6323	76.95	.03094	14.216

#1	8.7869	4.9931	-.00546	-.00313	-.00828	.0017	.19166	2.1360
#2	8.7202	4.9690	-.00468	-.00133	-.00833	.0005	.19161	1.6152
#3	8.7609	4.8710	-.00405	-.00259	-.00794	.0005	.19173	1.8071

Sample Name: K1937-12 Acquired: 3/18/2019 21:11:27 Type: Unk
 Method: P4-ICP2(v2954) 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 8.4398
 Stddev .9319
 %RSD 11.041

#1 7.4301
 #2 9.2669
 #3 8.6223

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4093.3	42292.	5436.0	34.670	4038.7
Stddev	15.6	98.	31.8	.787	12.9
%RSD	.38100	.23174	.58484	2.2692	.32044

#1	4080.8	42182.	5399.3	34.859	4026.1
#2	4088.4	42325.	5455.1	33.806	4038.0
#3	4110.8	42370.	5453.6	35.345	4052.0

Sample Name: K1937-12DUP Acquired: 3/18/2019 21:15:52 Type: Unk
Method: P4-ICP2(v2954) 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	-.00417	-.00183	.00359	.00092	-.00183	-.02320	.08696	.00011
Stddev	.00143	.00149	.00066	.00314	.00045	.02700	.00293	.00003
%RSD	34.325	81.464	18.265	343.27	24.526	116.39	3.3641	30.447

#1	-.00568	-.00354	.00287	.00329	-.00133	-.04120	.09013	.00012
#2	-.00283	-.00122	.00415	-.00265	-.00220	.00785	.08638	.00007
#3	-.00399	-.00075	.00375	.00211	-.00197	-.03625	.08436	.00014

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00024	24.116	.00698	.00410	-.00017	.14458	.07195	6.6141
Stddev	.00007	.109	.00009	.00016	.00052	.00121	.00169	.0116
%RSD	27.945	.45182	1.2606	3.8411	301.38	.83368	2.3533	.17476

#1	-.00031	24.129	.00706	.00428	.00004	.14560	.07103	6.6111
#2	-.00018	24.218	.00701	.00400	.00021	.14325	.07391	6.6269
#3	-.00024	24.002	.00689	.00401	-.00077	.14489	.07092	6.6044

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	.00008	95.579	.00032	.01608	2.9144	-.00007	.04461
Stddev	.00029	.00012	.347	.00023	.00013	.0279	.00024	.00126
%RSD	508.84	161.27	.36341	71.650	.78325	.95611	346.97	2.8158

#1	.00024	-.00007	95.890	.00027	.01604	2.9355	-.00035	.04485
#2	-.00035	.00015	95.204	.00012	.01622	2.8828	.00005	.04573
#3	-.00007	.00014	95.643	.00057	.01598	2.9248	.00009	.04325

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.8901	4.9369	-.00505	-.00183	-.00546	.0019	.19232	2.7946
Stddev	.0118	.0492	.00027	.00262	.00046	.0012	.00049	1.3506
%RSD	.13230	.99611	5.3089	143.56	8.3488	61.38	.25267	48.330

#1	8.8871	4.9399	-.00534	-.00052	-.00495	.0017	.19220	2.2537
#2	8.9031	4.8863	-.00498	-.00485	-.00582	.0032	.19285	4.3318
#3	8.8801	4.9845	-.00482	-.00012	-.00560	.0009	.19190	1.7982

Sample Name: K1937-12DUP Acquired: 3/18/2019 21:15:52 Type: Unk
Method: P4-ICP2(v2954) 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 8.1277
Stddev 1.3747
%RSD 16.914

#1 7.7319
#2 6.9943
#3 9.6569

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4060.6	41437.	5421.8	34.220	3986.1
Stddev	6.3	1214.	32.0	1.091	5.9
%RSD	.15457	2.9303	.58942	3.1866	.14762

#1	4067.7	42069.	5385.8	33.280	3984.6
#2	4058.4	40037.	5446.6	35.415	3992.6
#3	4055.7	42205.	5433.1	33.964	3981.1

Sample Name: K1937-12LX5 Acquired: 3/18/2019 21:20:18 Type: Unk
Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00135	.00079	.00254	-.00065	-.00252	-.00822	.01496	.00007
Stddev	.00346	.00062	.00020	.00117	.00124	.01246	.00280	.00006
%RSD	257.19	78.164	8.0188	180.86	49.113	151.64	18.713	85.996

#1	-.00531	.00029	.00232	-.00200	-.00349	.00464	.01184	.00007
#2	.00020	.00060	.00256	-.00001	-.00113	-.02024	.01579	.00014
#3	.00107	.00148	.00273	.00007	-.00293	-.00906	.01726	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	5.0389	.00174	.00124	-.00012	.04284	.01490	1.3510
Stddev	.00003	.0196	.00025	.00026	.00045	.00204	.00017	.0477
%RSD	29.146	.38883	14.577	20.689	367.54	4.7647	1.1191	3.5299

#1	-.00011	5.0163	.00201	.00153	-.00053	.04056	.01504	1.3412
#2	-.00010	5.0501	.00150	.00112	.00036	.04451	.01471	1.3090
#3	-.00006	5.0503	.00170	.00106	-.00019	.04345	.01495	1.4029

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00032	.00039	19.638	.00025	.00995	.45283	-.00017	.00205
Stddev	.00011	.00032	.206	.00053	.00026	.03286	.00023	.00608
%RSD	34.252	81.955	1.0466	208.85	2.5848	7.2570	135.39	296.86

#1	-.00028	.00025	19.440	-.00032	.01019	.48981	-.00004	-.00085
#2	-.00045	.00017	19.626	.00073	.00997	.42698	-.00043	.00903
#3	-.00024	.00076	19.850	.00035	.00968	.44170	-.00003	-.00204

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.7856	1.0736	-.00270	-.00135	-.00734	.0046	.03990	1.4844
Stddev	.0050	.0114	.00028	.00119	.00092	.0010	.00007	.5351
%RSD	.27857	1.0584	10.426	88.088	12.476	22.73	.16957	36.046

#1	1.7825	1.0642	-.00294	-.00188	-.00671	.0054	.03984	1.2896
#2	1.7830	1.0704	-.00278	-.00217	-.00691	.0034	.03988	2.0895
#3	1.7914	1.0862	-.00239	.00001	-.00839	.0049	.03997	1.0740

Sample Name: K1937-12LX5 Acquired: 3/18/2019 21:20:18 Type: Unk
 Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PBW Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 4.6329
 Stddev .9736
 %RSD 21.014

#1 4.3494
 #2 5.7168
 #3 3.8326

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4177.9	43098.	5386.0	33.598	4193.2
Stddev	9.4	201.	44.1	1.125	7.2
%RSD	.22457	.46531	.81869	3.3476	.17074

#1	4187.0	42927.	5436.4	33.323	4200.0
#2	4168.3	43049.	5366.9	34.835	4185.7
#3	4178.5	43319.	5354.7	32.636	4194.0

Sample Name: K1937-13 Acquired: 3/18/2019 21:24:46 Type: Unk
Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: K1937-12MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.68870	1.7424	.85790	1.7301	.67372	1.7841	.26859
Stddev	.00487	.0020	.00630	.0084	.00416	.0230	.00085
%RSD	.70721	.11376	.73438	.48480	.61812	1.2866	.31663

#1	.69419	1.7446	.86482	1.7370	.67687	1.7770	.26917
#2	.68705	1.7413	.85637	1.7326	.67530	1.7655	.26761
#3	.68488	1.7411	.85250	1.7208	.66900	1.8097	.26899

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18049	.17080	25.391	.38979	.18375	.27383	3.0210
Stddev	.00023	.00099	.070	.00212	.00065	.00050	.0367
%RSD	.12995	.58040	.27572	.54463	.35611	.18383	1.2157

#1	.18031	.17191	25.320	.39123	.18424	.27441	3.0390
#2	.18041	.17050	25.460	.38735	.18399	.27359	3.0453
#3	.18076	.16999	25.393	.39080	.18301	.27349	2.9788

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25587	8.5676	.44131	.06486	99.368	.28276	.18768
Stddev	.00013	.0723	.00119	.00069	.832	.00113	.00067
%RSD	.05240	.84351	.26943	1.0692	.83738	.40014	.35828

#1	.25577	8.5190	.44205	.06565	99.792	.28207	.18840
#2	.25582	8.5331	.44195	.06459	99.903	.28214	.18758
#3	.25602	8.6506	.43994	.06434	98.410	.28406	.18707

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.842	.36079	.31699	8.8926	5.7475	.60733	.17535
Stddev	.053	.00232	.00413	.0286	.0839	.00317	.00056
%RSD	.44403	.64231	1.3014	.32192	1.4606	.52200	.32045

#1	11.830	.36325	.31287	8.8763	5.7468	.60898	.17576
#2	11.899	.36049	.32112	8.8760	5.8317	.60934	.17471
#3	11.796	.35865	.31699	8.9257	5.6638	.60368	.17558

Sample Name: K1937-13 Acquired: 3/18/2019 21:24:46 Type: Unk
 Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: K1937-12MS Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.16513	5.022	.36624	3.2154	F<.00000
Stddev	.00241	.013	.00298	.7951	1.1809
%RSD	1.4609	.2508	.81457	24.728	12.429

#1	.16253	5.034	.36739	3.8583	-10.864
#2	.16555	5.023	.36847	2.3263	-8.7797
#3	.16730	5.009	.36285	3.4616	-8.8601

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4038.5	41412.	5310.0	33.653	3936.1
Stddev	13.3	280.	50.9	.815	10.8
%RSD	.33000	.67569	.95883	2.4225	.27338

#1	4031.0	41183.	5281.8	34.531	3933.2
#2	4030.5	41724.	5279.5	32.919	3927.0
#3	4053.9	41329.	5368.8	33.510	3948.0

Sample Name: K1937-14 Acquired: 3/18/2019 21:28:53 Type: Unk
Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: K1937-12MSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.70871	1.7926	.88234	1.7794	.70086	1.8328	.27518
Stddev	.00539	.0041	.00217	.0113	.00329	.0146	.00293
%RSD	.76012	.22851	.24639	.63442	.46900	.79413	1.0665

#1	.70351	1.7911	.87985	1.7686	.69890	1.8290	.27771
#2	.71427	1.7973	.88380	1.7911	.70465	1.8206	.27587
#3	.70834	1.7895	.88338	1.7787	.69902	1.8489	.27196

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18626	.17595	26.486	.40121	.18956	.28125	3.0869
Stddev	.00033	.00080	.142	.00222	.00078	.00013	.0053
%RSD	.17774	.45604	.53479	.55404	.41120	.04777	.17274

#1	.18663	.17508	26.359	.40376	.18884	.28135	3.0914
#2	.18598	.17666	26.638	.39966	.19039	.28130	3.0810
#3	.18618	.17610	26.460	.40022	.18945	.28109	3.0883

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.26348	8.8504	.45477	.06592	103.09	.29109	.19312
Stddev	.00040	.0343	.00206	.00010	.05	.00044	.00069
%RSD	.15073	.38714	.45237	.14544	.04711	.15221	.35645

#1	.26387	8.8111	.45250	.06592	103.08	.29077	.19233
#2	.26308	8.8667	.45532	.06602	103.04	.29160	.19360
#3	.26350	8.8736	.45650	.06583	103.14	.29090	.19342

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.159	.37424	.31618	9.3042	5.9534	.63588	.18347
Stddev	.078	.00261	.00714	.0493	.0147	.00168	.00259
%RSD	.64091	.69625	2.2568	.52939	.24760	.26463	1.4104

#1	12.084	.37126	.31479	9.2516	5.9698	.63413	.18077
#2	12.153	.37610	.32391	9.3492	5.9491	.63748	.18372
#3	12.240	.37535	.30985	9.3118	5.9413	.63601	.18592

Sample Name: K1937-14 Acquired: 3/18/2019 21:28:53 Type: Unk
 Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: K1937-12MSD Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.16769	5.179	.37984	3.2943	F<.00000
Stddev	.00042	.026	.00166	.2139	.97037
%RSD	.25029	.5095	.43635	6.4933	9.0073
#1	.16722	5.152	.38134	3.4833	-11.805
#2	.16781	5.205	.38012	3.0621	-10.636
#3	.16804	5.180	.37806	3.3375	-9.8790
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4043.6	41439.	5345.2	33.376	3928.0
Stddev	4.2	84.	21.4	1.153	2.9
%RSD	.10266	.20248	.40001	3.4555	.07402
#1	4046.7	41437.	5332.6	34.639	3930.3
#2	4038.8	41356.	5333.1	33.110	3928.9
#3	4045.2	41524.	5369.9	32.379	3924.7

Sample Name: K1937-12A Acquired: 3/18/2019 21:33:01 Type: Unk
Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.70910	1.7986	.88578	1.7854	.70251	1.8085	.27897
Stddev	.00361	.0084	.00582	.0085	.00140	.0146	.00367
%RSD	.50943	.46766	.65752	.47490	.19997	.80647	1.3172

#1	.70553	1.7889	.88032	1.7838	.70230	1.8077	.27896
#2	.71275	1.8042	.89191	1.7945	.70123	1.7944	.28265
#3	.70903	1.8027	.88510	1.7778	.70401	1.8235	.27530

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18656	.17652	26.624	.40362	.18961	.28269	3.1494
Stddev	.00019	.00102	.091	.00074	.00130	.00021	.0191
%RSD	.09985	.57713	.34169	.18437	.68338	.07588	.60532

#1	.18657	.17549	26.562	.40320	.18829	.28247	3.1394
#2	.18675	.17753	26.581	.40317	.19088	.28290	3.1714
#3	.18638	.17652	26.728	.40448	.18964	.28269	3.1374

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.26486	8.9882	.45654	.06625	105.68	.29313	.19344
Stddev	.00017	.0939	.00284	.00041	.05	.00135	.00085
%RSD	.06337	1.0449	.62220	.61144	.04529	.46062	.44178

#1	.26472	9.0682	.45431	.06590	105.65	.29463	.19248
#2	.26480	8.8848	.45974	.06669	105.65	.29201	.19411
#3	.26504	9.0117	.45558	.06616	105.73	.29276	.19373

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.315	.37693	.31360	9.3402	6.0672	.64050	.18295
Stddev	.019	.00081	.00216	.0660	.0248	.00240	.00224
%RSD	.15155	.21612	.68973	.70689	.40795	.37548	1.2221

#1	12.305	.37708	.31119	9.2955	6.0456	.63787	.18529
#2	12.337	.37765	.31424	9.4161	6.0942	.64104	.18271
#3	12.303	.37605	.31537	9.3092	6.0619	.64259	.18084

Sample Name: K1937-12A Acquired: 3/18/2019 21:33:01 Type: Unk
 Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.17629	5.197	.38456	3.0930	F<.00000
Stddev	.00237	.027	.00113	.1837	2.6168
%RSD	1.3444	.5254	.29430	5.9391	23.248
#1	.17355	5.170	.38586	2.8871	-13.533
#2	.17771	5.224	.38406	3.1517	-11.838
#3	.17760	5.199	.38377	3.2401	-8.3976
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4049.7	41593.	5279.3	32.621	3936.0
Stddev	3.0	79.	12.1	1.210	3.1
%RSD	.07342	.18914	.22962	3.7082	.07812
#1	4049.0	41514.	5281.1	31.225	3939.2
#2	4047.1	41671.	5266.4	33.282	3933.0
#3	4053.0	41595.	5290.4	33.357	3935.7

Sample Name: K1937-15 Acquired: 3/18/2019 21:37:09 Type: Unk
Method: P4-ICP2(v2954) 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	-.00288	-.00116	.00320	.00374	-.00280	.00050	.05842	.00006
Stddev	.00205	.00122	.00148	.00356	.00093	.00169	.00339	.00005
%RSD	71.191	104.98	46.218	94.970	33.032	337.61	5.8072	85.651
#1	-.00515	-.00236	.00424	.00438	-.00208	.00168	.06048	.00004
#2	-.00117	.00008	.00151	.00693	-.00385	.00126	.05451	.00012
#3	-.00231	-.00121	.00386	-.00009	-.00249	-.00144	.06028	.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00023	20.723	.00238	.00030	-.00098	.08190	.00194	4.6356
Stddev	.00002	.102	.00006	.00007	.00048	.00014	.00004	.0599
%RSD	9.0991	.48987	2.6876	23.226	48.500	.16663	2.2020	1.2911
#1	-.00021	20.798	.00245	.00031	-.00046	.08205	.00193	4.6389
#2	-.00025	20.608	.00233	.00036	-.00139	.08178	.00198	4.5742
#3	-.00024	20.764	.00236	.00022	-.00111	.08187	.00190	4.6938
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00021	.00012	23.032	.00062	.01422	2.7022	-.00012	.04967
Stddev	.00034	.00035	.274	.00041	.00001	.0184	.00001	.00219
%RSD	159.07	288.36	1.1888	65.176	.08369	.67896	8.9892	4.4059
#1	-.00056	.00050	23.348	.00037	.01423	2.7063	-.00013	.05220
#2	.00011	-.00021	22.871	.00109	.01420	2.7180	-.00012	.04835
#3	-.00019	.00008	22.878	.00040	.01422	2.6821	-.00011	.04848
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.2153	4.6924	-.00303	.00015	-.00783	.0020	.20182	1.2693
Stddev	.0247	.0210	.00042	.00132	.00167	.0003	.00101	.2481
%RSD	.76760	.44663	13.916	879.45	21.306	14.72	.50147	19.544
#1	3.2140	4.7040	-.00258	.00055	-.00687	.0023	.20290	1.5550
#2	3.1913	4.6682	-.00342	-.00132	-.00976	.0018	.20089	1.1083
#3	3.2406	4.7051	-.00307	.00123	-.00687	.0018	.20166	1.1447

Sample Name: K1937-15 Acquired: 3/18/2019 21:37:09 Type: Unk
 Method: P4-ICP2(v2954) 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 5.9216
 Stddev .5872
 %RSD 9.9164

#1 5.9010
 #2 5.3449
 #3 6.5188

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4135.7	43110.	5421.6	33.990	4135.9
Stddev	10.1	158.	60.8	.784	7.0
%RSD	.24433	.36632	1.1206	2.3070	.17036

#1	4134.4	42947.	5351.8	34.643	4131.2
#2	4126.4	43119.	5462.4	33.121	4132.6
#3	4146.4	43262.	5450.6	34.207	4144.0

Sample Name: K1937-16 Acquired: 3/18/2019 21:41:35 Type: Unk
Method: P4-ICP2(v2954) 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	-.00341	-.00212	.00360	.00294	-.00355	.23857	.09616	-.00001
Stddev	.00092	.00067	.00058	.00035	.00071	.01526	.00348	.00003
%RSD	26.916	31.389	16.129	11.768	19.999	6.3949	3.6222	601.42

#1	-.00446	-.00153	.00312	.00270	-.00275	.24383	.09262	-.00001
#2	-.00292	-.00199	.00343	.00279	-.00411	.22138	.09958	-.00003
#3	-.00283	-.00284	.00425	.00334	-.00378	.25049	.09629	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00024	22.663	.00238	.00027	-.00061	.28126	.00408	6.3514
Stddev	.00001	.060	.00023	.00004	.00026	.00170	.00004	.0544
%RSD	5.5739	.26666	9.7157	13.371	42.412	.60295	.94849	.85591

#1	-.00024	22.611	.00214	.00023	-.00081	.28290	.00406	6.3945
#2	-.00025	22.648	.00240	.00030	-.00070	.28138	.00406	6.3694
#3	-.00022	22.729	.00260	.00028	-.00032	.27951	.00413	6.2904

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.00026	27.139	.00089	.01378	3.0764	-.00018	.02585
Stddev	.00009	.00021	.148	.00021	.00015	.0359	.00014	.00190
%RSD	154.04	83.804	.54420	23.885	1.0748	1.1665	77.938	7.3577

#1	.00008	.00022	27.076	.00104	.01394	3.0350	-.00002	.02368
#2	-.00004	.00048	27.308	.00098	.01373	3.0967	-.00024	.02721
#3	.00014	.00006	27.033	.00065	.01365	3.0977	-.00027	.02667

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.8739	4.7595	-.00393	.00707	-.00918	.0035	.20074	1.6970
Stddev	.0524	.0641	.00066	.00236	.00198	.0002	.00073	.2085
%RSD	.76277	1.3476	16.889	33.410	21.536	4.903	.36343	12.285

#1	6.9335	4.8318	-.00435	.00462	-.01050	.0035	.20011	1.4641
#2	6.8347	4.7372	-.00428	.00933	-.00691	.0036	.20057	1.8661
#3	6.8536	4.7095	-.00317	.00728	-.01014	.0033	.20154	1.7608

Sample Name: K1937-16 Acquired: 3/18/2019 21:41:35 Type: Unk
 Method: P4-ICP2(v2954) 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	5.4645
Stddev	.8521
%RSD	15.593

#1	5.8607
#2	6.0463
#3	4.4864

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4136.1	42633.	5387.6	33.093	4116.5
Stddev	9.4	80.	62.5	2.708	9.2
%RSD	.22685	.18765	1.1597	8.1845	.22429

#1	4125.9	42565.	5356.0	31.052	4105.8
#2	4144.5	42721.	5347.3	32.060	4121.6
#3	4137.8	42614.	5459.6	36.165	4122.0

Sample Name: CCV10 Acquired: 3/18/2019 21:46:01 Type: Unk
Method: P4-ICP2(v2954) 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	4.8151	4.9775	4.9338	4.9148	4.8341	9.9052	9.5538	.25129
Stddev	.0157	.0113	.0033	.0047	.0149	.0773	.0357	.00093
%RSD	.32499	.22699	.06700	.09616	.30911	.78056	.37332	.37041
#1	4.8332	4.9884	4.9352	4.9192	4.8496	9.8936	9.5605	.25204
#2	4.8054	4.9658	4.9362	4.9154	4.8197	9.8344	9.5857	.25025
#3	4.8067	4.9782	4.9300	4.9098	4.8331	9.9877	9.5153	.25158
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4612	24.982	1.0361	2.4757	1.2358	5.1449	2.5205	24.846
Stddev	.0055	.074	.0007	.0008	.0028	.0347	.0034	.097
%RSD	.22432	.29570	.06653	.03137	.22319	.67471	.13630	.38975
#1	2.4669	24.930	1.0360	2.4762	1.2387	5.1564	2.5231	24.734
#2	2.4558	24.949	1.0354	2.4748	1.2354	5.1723	2.5166	24.901
#3	2.4608	25.067	1.0368	2.4760	1.2332	5.1058	2.5218	24.903
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4552	1.2557	24.487	2.4985	2.4464	23.577	4.9762	4.8906
Stddev	.0017	.0017	.079	.0039	.0051	.117	.0085	.0195
%RSD	.06837	.13641	.32377	.15633	.20896	.49462	.17087	.39832
#1	2.4569	1.2541	24.531	2.5015	2.4520	23.618	4.9821	4.8856
#2	2.4535	1.2575	24.534	2.4999	2.4419	23.668	4.9665	4.8742
#3	2.4550	1.2556	24.396	2.4941	2.4454	23.446	4.9800	4.9121
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6622	4.9566	4.9722	4.9262	4.6947	4.940	4.8891	F 2.9666
Stddev	.0142	.0248	.0034	.0174	.0240	.001	.0212	.0473
%RSD	.30468	.50038	.06776	.35369	.51098	.0107	.43277	1.5948
#1	4.6526	4.9748	4.9754	4.9090	4.6933	4.940	4.8917	3.0050
#2	4.6785	4.9666	4.9687	4.9438	4.7194	4.940	4.9088	2.9137
#3	4.6555	4.9283	4.9725	4.9257	4.6715	4.941	4.8667	2.9811

Sample Name: CCV10 Acquired: 3/18/2019 21:46:01 Type: Unk
 Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	5.3615
Stddev	1.6754
%RSD	31.250

#1	6.7155
#2	5.8812
#3	3.4878

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4107.3	42002.	5413.0	32.162	3860.0
Stddev	6.9	33.	25.9	.553	7.3
%RSD	.16912	.07922	.47770	1.7192	.18913

#1	4111.0	42028.	5409.2	31.850	3864.3
#2	4111.6	42012.	5389.2	32.800	3864.1
#3	4099.3	41964.	5440.5	31.835	3851.6

Sample Name: CCB10 Acquired: 3/18/2019 21:50:01 Type: Unk
Method: P4-ICP2(v2954) 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	-.00149	.00090	F .00315	.00217	-.00235	-.02618	.00182
Stddev	.00078	.00117	.00029	.00407	.00066	.00770	.00495
%RSD	52.102	128.98	9.2025	187.70	27.882	29.414	272.08

#1	-.00073	.00124	.00301	.00099	-.00286	-.01889	.00391
#2	-.00228	.00186	.00348	.00670	-.00161	-.03423	.00539
#3	-.00147	-.00039	.00295	-.00119	-.00259	-.02540	-.00383

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	-.00007	.00536	.00008	.00019	-.00059	.00111
Stddev	.00008	.00008	.00852	.00021	.00005	.00062	.00084
%RSD	81.314	105.50	159.08	249.10	24.435	105.81	75.470

#1	.00006	.00001	.01471	-.00015	.00014	-.00092	.00044
#2	.00004	-.00013	.00332	.00025	.00022	-.00097	.00085
#3	.00018	-.00010	-.00196	.00015	.00022	.00013	.00205

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.01116	-.00095	.00039	-.10262	.00006	.00678
Stddev	.00005	.06139	.00061	.00036	.00719	.00018	.00009
%RSD	289.23	550.29	63.998	91.960	7.0076	313.20	1.3121

#1	-.00008	-.01436	-.00166	.00025	-.10990	.00006	.00687
#2	.00002	-.07088	-.00066	.00080	-.10245	-.00012	.00679
#3	.00000	.05177	-.00055	.00013	-.09552	.00023	.00669

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.20782	.00018	-.00731	F -.02829	.00234	-.00066	-.00110
Stddev	.02300	.00045	.00075	.00390	.00267	.00105	.00046
%RSD	11.067	250.57	10.222	13.788	114.03	159.64	42.088

#1	-.19755	-.00021	-.00701	-.03271	.00087	.00024	-.00159
#2	-.19174	.00067	-.00676	-.02682	.00074	-.00040	-.00066
#3	-.23416	.00008	-.00816	-.02534	.00543	-.00181	-.00107

Sample Name: CCB10 Acquired: 3/18/2019 21:50:01 Type: Unk
Method: P4-ICP2(v2954) 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	-.00911	.0001	-.00001	F 1.3558	F 1.2686
Stddev	.00398	.0005	.00010	.3285	1.6211
%RSD	43.633	678.8	1150.5	24.233	127.79
#1	-.01273	-.0002	-.00012	1.7187	3.1400
#2	-.00975	-.0002	.00005	1.2698	.29463
#3	-.00486	.0006	.00005	1.0787	.37119
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4223.9	43325.	5317.3	33.028	4239.5
Stddev	12.9	109.	28.2	.916	6.4
%RSD	.30544	.25197	.53071	2.7720	.15042
#1	4232.5	43206.	5323.3	33.692	4244.5
#2	4209.1	43349.	5342.0	33.408	4232.3
#3	4230.1	43420.	5286.6	31.983	4241.6

Sample Name: K1937-17 Acquired: 3/18/2019 21:54:30 Type: Unk
Method: P4-ICP2(v2954) 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	-.00035	-.00033	.00552	.00149	-.00341	-.00054	.03790	.00004
Stddev	.00089	.00062	.00074	.00219	.00185	.00491	.00048	.00006
%RSD	253.95	186.74	13.309	146.55	54.414	903.20	1.2555	139.29

#1	.00033	-.00030	.00637	.00400	-.00544	-.00048	.03843	.00010
#2	-.00003	-.00097	.00517	.00049	-.00298	-.00548	.03776	-.00001
#3	-.00135	.00027	.00503	-.00002	-.00181	.00433	.03750	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00020	17.246	.00108	.00054	.00072	.01110	.03740	6.2964
Stddev	.00004	.099	.00039	.00003	.00018	.00106	.00020	.0494
%RSD	20.407	.57609	36.312	5.8160	24.476	9.5586	.54055	.78460

#1	-.00016	17.164	.00153	.00051	.00053	.00988	.03759	6.2418
#2	-.00023	17.217	.00083	.00055	.00088	.01156	.03718	6.3095
#3	-.00022	17.356	.00088	.00057	.00075	.01185	.03742	6.3379

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.00036	47.116	.00105	.02567	2.4300	.00007	.04947
Stddev	.00005	.00020	.084	.00046	.00023	.0550	.00024	.00656
%RSD	94.135	56.138	.17850	43.881	.89645	2.2636	337.55	13.252

#1	.00000	.00015	47.083	.00067	.02592	2.4477	.00012	.04357
#2	.00006	.00040	47.054	.00092	.02562	2.3683	.00028	.05653
#3	.00010	.00055	47.212	.00156	.02546	2.4739	-.00019	.04830

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2226	7.1972	-.00318	-.00117	-.00939	.0022	.13918	2.3223
Stddev	.0077	.0253	.00072	.00230	.00149	.0015	.00021	.2774
%RSD	.14697	.35117	22.553	197.60	15.885	68.79	.15184	11.944

#1	5.2299	7.2179	-.00288	-.00109	-.00894	.0008	.13900	2.0140
#2	5.2146	7.1690	-.00400	-.00351	-.01105	.0039	.13913	2.5515
#3	5.2233	7.2046	-.00267	.00110	-.00817	.0021	.13942	2.4016

Sample Name: K1937-17 Acquired: 3/18/2019 21:54:30 Type: Unk
 Method: P4-ICP2(v2954) 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	6.1856
Stddev	1.6930
%RSD	27.371

#1	4.3201
#2	6.6120
#3	7.6246

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4094.8	42163.	5327.9	34.991	4074.3
Stddev	17.0	97.	9.1	.354	5.0
%RSD	.41515	.23102	.17058	1.0124	.12347

#1	4113.9	42213.	5318.1	34.807	4076.6
#2	4081.3	42051.	5336.1	34.767	4068.5
#3	4089.3	42226.	5329.3	35.399	4077.8

Sample Name: K1937-18 Acquired: 3/18/2019 21:58:56 Type: Unk
Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BPS1-TT-MW20 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00163	-.00351	.00735	.00280	-.00307	.09193	.14444	.00008
Stddev	.00137	.00133	.00086	.00255	.00006	.01035	.00234	.00006
%RSD	84.190	37.817	11.743	91.025	1.9749	11.261	1.6212	83.127

#1	-.00279	-.00502	.00819	.00204	-.00307	.08015	.14710	.00005
#2	-.00011	-.00299	.00647	.00072	-.00300	.09606	.14266	.00015
#3	-.00199	-.00252	.00738	.00565	-.00312	.09958	.14358	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00038	79.453	.00222	.00078	-.00036	.05485	.14732	14.133
Stddev	.00014	1.065	.00084	.00010	.00021	.00150	.00049	.101
%RSD	36.429	1.3404	37.690	13.315	59.331	2.7388	.33569	.71622

#1	-.00046	80.078	.00265	.00090	-.00011	.05473	.14680	14.154
#2	-.00047	78.223	.00126	.00073	-.00046	.05341	.14737	14.023
#3	-.00022	80.058	.00277	.00072	-.00050	.05641	.14779	14.222

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00112	-.00036	353.76	.00083	.01922	7.0128	.00019	.05121
Stddev	.00009	.00065	6.71	.00036	.00005	.0308	.00023	.00200
%RSD	7.8278	181.30	1.8958	43.455	.26968	.43911	119.87	3.8984

#1	-.00118	-.00081	360.27	.00125	.01917	7.0281	.00044	.05011
#2	-.00116	.00039	346.88	.00064	.01927	7.0329	.00018	.05351
#3	-.00102	-.00066	354.14	.00060	.01921	6.9773	-.00003	.05001

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 14.586	4.8955	-.00505	-.00105	.00588	.0041	.52802	4.7994
Stddev	.044	.0475	.00049	.00123	.00121	.0015	.00713	.0795
%RSD	.29908	.97003	9.7475	116.66	20.663	36.07	1.3508	1.6553

#1	14.633	4.9295	-.00519	.00032	.00607	.0038	.53386	4.7113
#2	14.578	4.8412	-.00545	-.00206	.00698	.0057	.52007	4.8657
#3	14.547	4.9156	-.00450	-.00143	.00458	.0028	.53014	4.8211

Sample Name: K1937-18 Acquired: 3/18/2019 21:58:56 Type: Unk
Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BPS1-TT-MW20 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	15.583
Stddev	1.004
%RSD	6.4451

#1	16.413
#2	15.868
#3	14.467

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3895.6	39256.	5245.5	31.568	3666.9
Stddev	2.9	62.	67.7	1.529	4.5
%RSD	.07497	.15817	1.2898	4.8442	.12247

#1	3898.9	39326.	5188.9	31.479	3671.8
#2	3893.4	39207.	5320.4	33.140	3663.0
#3	3894.6	39236.	5227.1	30.086	3665.8

Sample Name: K1937-19 Acquired: 3/18/2019 22:03:29 Type: Unk
Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BPS1-TT-MW20 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00147	-.00089	.00680	.00551	-.00428	.09949	.08774	.00005
Stddev	.00096	.00042	.00079	.00552	.00055	.02275	.00221	.00003
%RSD	65.144	47.642	11.662	100.15	12.817	22.867	2.5229	53.673
#1	-.00142	-.00046	.00598	.00244	-.00447	.11516	.08524	.00008
#2	-.00054	-.00131	.00756	.00221	-.00366	.10990	.08851	.00006
#3	-.00245	-.00089	.00685	.01188	-.00470	.07339	.08946	.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00019	23.443	.01513	.00490	-.00001	.22478	.12796	8.1287
Stddev	.00009	.045	.00036	.00019	.00028	.00310	.00097	.0380
%RSD	47.945	.19019	2.4031	3.7952	2067.1	1.3784	.75558	.46789
#1	-.00026	23.495	.01483	.00482	-.00033	.22700	.12841	8.1491
#2	-.00009	23.414	.01502	.00477	.00010	.22610	.12863	8.1521
#3	-.00023	23.422	.01554	.00512	.00019	.22124	.12686	8.0848
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01557	.00038	35.986	.00041	.03470	4.8863	.00019	.13777
Stddev	.00011	.00007	.257	.00060	.00010	.0647	.00032	.00827
%RSD	.69762	17.633	.71468	145.00	.27668	1.3245	168.78	5.9993
#1	.01544	.00040	36.192	-.00020	.03478	4.9571	-.00018	.12830
#2	.01563	.00044	36.068	.00043	.03473	4.8302	.00041	.14148
#3	.01564	.00031	35.698	.00101	.03459	4.8717	.00034	.14354
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.4623	F 10.595	-.00503	.00414	-.00162	.0028	.20115	2.3770
Stddev	.0357	.072	.00049	.00173	.00249	.0009	.00125	.3280
%RSD	.37753	.68343	9.7893	41.891	153.74	32.07	.62224	13.800
#1	9.4885	10.678	-.00483	.00340	.00002	.0027	.20255	1.9982
#2	9.4216	10.544	-.00467	.00290	-.00039	.0020	.20079	2.5657
#3	9.4768	10.564	-.00559	.00611	-.00448	.0038	.20012	2.5670

Sample Name: K1937-19 Acquired: 3/18/2019 22:03:29 Type: Unk
 Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BPS1-TT-MW20 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	7.4811
Stddev	1.3150
%RSD	17.578

#1	7.5367
#2	8.7674
#3	6.1391

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4016.0	41670.	5224.2	32.627	3993.9
Stddev	13.1	108.	31.6	.841	13.4
%RSD	.32535	.26007	.60488	2.5787	.33571

#1	4024.2	41754.	5187.9	32.632	3995.7
#2	4022.9	41548.	5239.5	31.784	4006.3
#3	4001.0	41708.	5245.3	33.466	3979.6

Sample Name: K1937-20 Acquired: 3/18/2019 22:07:54 Type: Unk
Method: P4-ICP2(v2954) 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	-.00322	-.00175	.00794	.00167	-.00143	.02148	.21646	.00003
Stddev	.00051	.00123	.00028	.00162	.00147	.01468	.00167	.00005
%RSD	15.901	70.083	3.4699	96.812	103.43	68.341	.77006	178.52

#1	-.00278	-.00316	.00816	.00354	.00026	.03839	.21705	.00008
#2	-.00308	-.00092	.00802	.00068	-.00250	.01394	.21458	-.00003
#3	-.00378	-.00117	.00763	.00080	-.00204	.01210	.21776	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00245	107.43	.00372	-.00011	-.00119	.09981	.00211	13.963
Stddev	.00009	.36	.00014	.00022	.00031	.00112	.00004	.134
%RSD	3.5506	.33465	3.6719	202.41	26.285	1.1202	1.6857	.95681

#1	.00237	107.65	.00388	-.00016	-.00115	.10087	.00207	13.854
#2	.00254	107.61	.00364	.00013	-.00152	.09992	.00212	14.112
#3	.00244	107.01	.00364	-.00030	-.00090	.09864	.00214	13.923

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00357	-.00036	466.32	.00047	.01948	10.102	-.00005	.04154
Stddev	.00023	.00035	5.65	.00008	.00005	.060	.00044	.00627
%RSD	6.3624	97.258	1.2122	17.785	.25899	.59100	905.57	15.096

#1	-.00341	.00002	472.11	.00047	.01953	10.035	.00000	.04846
#2	-.00347	-.00044	466.04	.00039	.01946	10.120	-.00052	.03622
#3	-.00383	-.00068	460.81	.00055	.01944	10.150	.00037	.03994

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 12.537	3.4317	-.00378	-.00291	.01593	-.0003	.93484	5.9369
Stddev	.070	.0101	.00049	.00147	.00390	.0007	.00540	.3861
%RSD	.55958	.29556	12.844	50.551	24.501	226.0	.57813	6.5040

#1	12.456	3.4425	-.00350	-.00410	.01221	.0005	.93870	5.9296
#2	12.581	3.4301	-.00351	-.00336	.01559	-.0008	.93716	6.3266
#3	12.574	3.4225	-.00435	-.00126	.02000	-.0007	.92866	5.5545

Sample Name: K1937-20 Acquired: 3/18/2019 22:07:54 Type: Unk
 Method: P4-ICP2(v2954) 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	18.972
Stddev	.928
%RSD	4.8905

#1	19.883
#2	19.005
#3	18.028

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3741.6	37752.	5042.8	31.325	3473.6
Stddev	10.7	214.	50.2	.291	1.2
%RSD	.28650	.56641	.99629	.93001	.03469

#1	3731.9	37674.	4995.7	31.607	3473.1
#2	3739.9	37588.	5037.0	31.341	3475.0
#3	3753.1	37994.	5095.7	31.026	3472.8

Sample Name: K1938-01 Acquired: 3/18/2019 22:12:29 Type: Unk
 Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: W-1 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00816	-.00825	.54043	-.00902	.00184	25.408	1.1175
Stddev	.00293	.00193	.00551	.00244	.00105	.250	.0141
%RSD	35.897	23.413	1.0192	27.041	57.049	.98402	1.2602

#1	.00665	-.00644	.54674	-.00972	.00216	25.555	1.1231
#2	.01154	-.00803	.53793	-.00631	.00268	25.551	1.1280
#3	.00630	-.01028	.53660	-.01104	.00067	25.120	1.1015

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00019	.00590	537.62	.02011	.00569	.05497	16.496
Stddev	.00008	.00009	4.93	.00041	.00032	.00107	.183
%RSD	42.426	1.5807	.91621	2.0546	5.6144	1.9536	1.1115

#1	.00011	.00597	539.84	.02006	.00536	.05501	16.628
#2	.00027	.00594	541.04	.01973	.00599	.05602	16.572
#3	.00019	.00580	531.97	.02055	.00571	.05388	16.286

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51222	1473.0	-.00243	-.00331	^ *****	.02413	.76438
Stddev	.00227	12.4	.00043	.00052	-----	.00030	.00644
%RSD	.44279	.83911	17.530	15.598	-----	1.2441	.84317

#1	.51181	1477.7	-.00242	-.00293	2765.3	.02422	.77029
#2	.51466	1482.4	-.00200	-.00390	2606.5	.02438	.76533
#3	.51018	1459.0	-.00285	-.00310	^ -----	.02380	.75750

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	537.15	.01684	5.1738	F 1250.9	F 14.434	-.41196	.22440
Stddev	16.15	.00029	.0251	10.5	.192	.00506	.00956
%RSD	3.0063	1.7485	.48458	.83841	1.3314	1.2286	4.2580

#1	549.61	.01650	5.1678	1261.1	14.546	-.41704	.22825
#2	542.93	.01703	5.2013	1251.6	14.544	-.41191	.23143
#3	518.90	.01700	5.1522	1240.1	14.212	-.40692	.21352

Sample Name: K1938-01 Acquired: 3/18/2019 22:12:29 Type: Unk
 Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: W-1 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.73193	.9751	9.1807	15.589	F<.00000
Stddev	.07311	.0112	.1412	.281	.90047
%RSD	9.9884	1.150	1.5385	1.8049	6.0740
#1	.65070	.9864	9.2417	15.911	-13.935
#2	.75264	.9750	9.2813	15.469	-15.736
#3	.79244	.9640	9.0193	15.388	-14.804
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2635.0	25785.	4351.8	26.182	2148.9
Stddev	20.0	166.	56.5	1.401	17.3
%RSD	.75920	.64531	1.2981	5.3493	.80587
#1	2612.5	25658.	4306.6	25.120	2130.7
#2	2641.7	25724.	4333.7	25.658	2151.0
#3	2650.8	25973.	4415.1	27.769	2165.2

Sample Name: K1938-02 Acquired: 3/18/2019 22:16:58 Type: Unk
Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: W-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00750	-.00939	.19354	-.00323	.00348	9.2183	.51926	.00031
Stddev	.00293	.00312	.00186	.00420	.00282	.0234	.00930	.00011
%RSD	39.094	33.191	.95946	129.90	81.096	.25426	1.7919	35.917

#1	.00689	-.00807	.19568	.00158	.00663	9.1969	.50990	.00018
#2	.00492	-.00716	.19247	-.00514	.00121	9.2433	.51937	.00037
#3	.01068	-.01295	.19246	-.00614	.00258	9.2147	.52851	.00038

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00112	531.47	.00172	.00287	.01772	5.8714	.32677	1550.5
Stddev	.00014	7.72	.00078	.00013	.00010	.0788	.00192	25.1
%RSD	12.903	1.4531	45.323	4.4630	.57916	1.3416	.58908	1.6216

#1	.00112	527.24	.00176	.00277	.01761	5.8764	.32589	1537.2
#2	.00098	526.78	.00092	.00282	.01782	5.7902	.32898	1534.8
#3	.00127	540.38	.00248	.00302	.01774	5.9475	.32544	1579.5

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01045	-.00140	F 2114.5	.00983	.31303	563.57	.01576	5.4281
Stddev	.00017	.00146	86.4	.00123	.00313	10.72	.00053	.1106
%RSD	1.6472	104.63	4.0856	12.519	1.0011	1.9024	3.3888	2.0381

#1	-.01032	-.00253	2210.8	.00967	.31425	557.20	.01546	5.3561
#2	-.01065	.00025	2088.8	.01113	.31536	557.56	.01638	5.3728
#3	-.01039	-.00192	2043.8	.00868	.30946	575.95	.01544	5.5555

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1291.2	6.3769	-.46172	.08190	.57862	.3826	9.5349	16.723
Stddev	11.0	.0502	.00294	.00128	.03693	.0040	.1803	.436
%RSD	.85372	.78773	.63578	1.5611	6.3824	1.037	1.8906	2.6078

#1	1296.6	6.3939	-.46371	.08142	.53964	.3852	9.4311	17.225
#2	1298.5	6.3204	-.46309	.08093	.58313	.3846	9.4306	16.508
#3	1278.5	6.4165	-.45834	.08335	.61309	.3781	9.7431	16.436

Sample Name: K1938-02 Acquired: 3/18/2019 22:16:58 Type: Unk
 Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: W-2 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	18.227
Stddev	.437
%RSD	2.3974

#1	18.501
#2	18.457
#3	17.723

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2585.7	24571.	4252.0	24.753	2124.6
Stddev	19.3	255.	54.9	.488	17.9
%RSD	.74770	1.0367	1.2919	1.9713	.84046

#1	2579.9	24285.	4231.6	25.306	2117.7
#2	2570.0	24654.	4314.2	24.382	2111.3
#3	2607.3	24775.	4210.2	24.572	2144.9

Sample Name: K1945-01 Acquired: 3/18/2019 22:21:30 Type: Unk
Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: M4-T0-OZ(PRE Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00175	-.00023	.00648	.00264	-.00206	.02796	.03032	.00005
Stddev	.00123	.00046	.00090	.00281	.00103	.01092	.00135	.00004
%RSD	70.291	199.81	13.917	106.25	49.978	39.049	4.4367	83.540

#1	-.00104	-.00044	.00589	.00328	-.00274	.03847	.02879	.00008
#2	-.00104	-.00056	.00751	-.00043	-.00258	.01668	.03085	.00000
#3	-.00317	.00030	.00603	.00508	-.00088	.02871	.03132	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00022	13.781	.00797	.00561	.00115	.03518	.02044	4.7654
Stddev	.00006	.056	.00047	.00009	.00050	.00105	.00005	.1223
%RSD	24.874	.40473	5.8973	1.6263	43.151	2.9768	.25735	2.5663

#1	-.00016	13.717	.00784	.00562	.00155	.03408	.02044	4.6313
#2	-.00024	13.812	.00849	.00552	.00060	.03616	.02039	4.7940
#3	-.00027	13.814	.00758	.00570	.00130	.03529	.02050	4.8708

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00680	.00045	33.448	.00063	.01931	4.4365	.00021	.09032
Stddev	.00041	.00024	.301	.00019	.00058	.0253	.00012	.00916
%RSD	5.9898	53.540	.90096	29.291	3.0114	.57065	59.444	10.146

#1	.00637	.00018	33.683	.00047	.01997	4.4074	.00035	.09609
#2	.00683	.00053	33.108	.00084	.01905	4.4490	.00014	.09512
#3	.00719	.00065	33.553	.00059	.01890	4.4531	.00013	.07976

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9275	7.6341	-.00328	-.00011	.00347	.0013	.06046	3.1869
Stddev	.0447	.0548	.00024	.00098	.00416	.0021	.00011	.3317
%RSD	.90786	.71841	7.4127	885.34	119.98	162.5	.17845	10.407

#1	4.9786	7.6754	-.00329	.00101	-.00131	-.0008	.06054	3.5692
#2	4.8956	7.6551	-.00303	-.00057	.00630	.0012	.06034	2.9755
#3	4.9083	7.5719	-.00352	-.00077	.00541	.0033	.06050	3.0161

Sample Name: K1945-01 Acquired: 3/18/2019 22:21:30 Type: Unk
 Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: M4-T0-OZ(PRE Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 6.8894
 Stddev .6899
 %RSD 10.014

#1 7.1905
 #2 7.3776
 #3 6.1001

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3989.7	40840.	5081.9	32.554	3960.4
Stddev	17.8	172.	18.5	1.682	13.3
%RSD	.44577	.42227	.36494	5.1656	.33591

#1	3991.0	40770.	5063.7	34.008	3957.5
#2	4006.8	41036.	5081.3	32.942	3974.8
#3	3971.3	40713.	5100.8	30.712	3948.7

Sample Name: K1945-03 Acquired: 3/18/2019 22:25:56 Type: Unk
Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: M4-T1-OZ(POS Custom ID2:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00153	.00100	.00630	.00168	-.00313	.03796	.07333	.00007
Stddev	.00244	.00056	.00031	.00292	.00071	.00615	.00366	.00008
%RSD	159.80	55.407	4.8882	173.62	22.687	16.190	4.9887	110.88

#1	-.00166	.00160	.00657	-.00168	-.00233	.03234	.07598	-.00001
#2	.00098	.00091	.00597	.00310	-.00368	.03702	.06916	.00015
#3	-.00390	.00050	.00635	.00362	-.00338	.04452	.07486	.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00030	12.962	.00119	.00675	-.00066	.00662	.01558	4.4533
Stddev	.00005	.066	.00040	.00028	.00065	.00115	.00012	.0750
%RSD	17.645	.50748	33.485	4.1167	99.270	17.340	.74029	1.6841

#1	-.00026	12.975	.00152	.00650	-.00016	.00786	.01570	4.5163
#2	-.00028	13.020	.00075	.00705	-.00139	.00643	.01547	4.3703
#3	-.00036	12.890	.00130	.00671	-.00041	.00559	.01559	4.4733

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01008	-.00026	41.809	.00198	.01574	3.4015	.00046	.01431
Stddev	.00012	.00004	.478	.00034	.00025	.0397	.00018	.00806
%RSD	1.2213	15.967	1.1441	17.390	1.6099	1.1659	38.424	56.350

#1	.01019	-.00031	42.285	.00236	.01593	3.3564	.00029	.01983
#2	.00995	-.00023	41.328	.00189	.01584	3.4177	.00064	.00506
#3	.01010	-.00025	41.815	.00169	.01545	3.4306	.00043	.01803

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.8586	7.4355	-.00148	-.00151	.00326	.0497	.06767	3.8245
Stddev	.0122	.0084	.00062	.00152	.00180	.0006	.00019	.1446
%RSD	.65610	.11341	41.788	100.20	55.299	1.302	.28658	3.7812

#1	1.8722	7.4452	-.00079	-.00255	.00179	.0492	.06764	3.6576
#2	1.8485	7.4314	-.00199	-.00222	.00273	.0494	.06749	3.9061
#3	1.8552	7.4298	-.00168	.00023	.00527	.0504	.06787	3.9100

Sample Name: K1945-03 Acquired: 3/18/2019 22:25:56 Type: Unk
 Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: M4-T1-OZ(POS Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	6.7751
Stddev	.6051
%RSD	8.9315

#1	7.0697
#2	6.0791
#3	7.1765

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3950.2	40296.	4990.9	32.151	3909.9
Stddev	15.1	38.	5.4	.703	8.9
%RSD	.38191	.09466	.10820	2.1854	.22654

#1	3940.7	40338.	4985.0	31.622	3906.0
#2	3942.3	40285.	4995.5	32.948	3903.7
#3	3967.6	40265.	4992.2	31.883	3920.1

Sample Name: K1945-09 Acquired: 3/18/2019 22:30:23 Type: Unk
Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: M4-T1-UV(PRE Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00367	-.00017	.00634	.00034	-.00280	.02741	.02833	.00008
Stddev	.00207	.00117	.00030	.00221	.00108	.01403	.00261	.00003
%RSD	56.533	696.41	4.7379	655.58	38.464	51.187	9.2105	41.600

#1	-.00128	.00117	.00619	.00056	-.00238	.01719	.03133	.00007
#2	-.00477	-.00100	.00614	.00243	-.00200	.04341	.02661	.00012
#3	-.00496	-.00068	.00668	-.00198	-.00403	.02164	.02704	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00027	12.999	.00182	.00528	.00097	.00529	.01880	4.4474
Stddev	.00009	.012	.00040	.00026	.00018	.00106	.00009	.0821
%RSD	35.334	.09032	21.899	4.8908	18.988	20.029	.49538	1.8451

#1	-.00037	12.995	.00162	.00501	.00104	.00419	.01885	4.3533
#2	-.00020	12.989	.00157	.00552	.00110	.00539	.01885	4.4853
#3	-.00023	13.012	.00228	.00532	.00076	.00630	.01869	4.5037

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00514	.00060	43.492	.00011	.01607	3.1206	.00021	.07830
Stddev	.00016	.00041	.298	.00015	.00004	.0571	.00021	.00475
%RSD	3.0843	68.512	.68481	136.80	.27402	1.8304	97.621	6.0678

#1	.00497	.00086	43.818	-.00005	.01612	3.0856	.00041	.07414
#2	.00528	.00082	43.423	.00014	.01607	3.0896	.00023	.07728
#3	.00517	.00013	43.235	.00024	.01603	3.1865	-.00000	.08348

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.4277	7.2508	-.00250	-.00174	-.00282	.0014	.05739	3.3612
Stddev	.0239	.0507	.00055	.00017	.00082	.0007	.00027	.4170
%RSD	.53927	.69975	21.967	9.6419	29.130	52.19	.47465	12.407

#1	4.4147	7.2938	-.00252	-.00165	-.00190	.0007	.05770	3.8387
#2	4.4553	7.1948	-.00194	-.00165	-.00347	.0015	.05728	3.0687
#3	4.4132	7.2638	-.00304	-.00194	-.00309	.0022	.05719	3.1763

Sample Name: K1945-09 Acquired: 3/18/2019 22:30:23 Type: Unk
 Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: M4-T1-UV(PRE Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	6.5981
Stddev	1.1324
%RSD	17.162

#1	7.9045
#2	5.9919
#3	5.8979

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3989.2	40884.	5049.6	31.492	3965.4
Stddev	4.9	322.	51.4	1.017	5.6
%RSD	.12269	.78822	1.0169	3.2299	.14062

#1	3985.2	40512.	4992.2	30.320	3967.3
#2	3987.8	41086.	5091.3	32.137	3959.1
#3	3994.6	41053.	5065.3	32.020	3969.8

Sample Name: K1687-08 Acquired: 3/18/2019 22:34:50 Type: Unk
Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HR-05-031519 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00448	-.00397	.01150	.00205	-.00355	.08582	.11842	.00011
Stddev	.00158	.00195	.00123	.00180	.00217	.01656	.00169	.00002
%RSD	35.360	49.098	10.739	87.610	61.194	19.299	1.4304	20.504

#1	-.00382	-.00450	.01251	.00095	-.00107	.06937	.11730	.00011
#2	-.00333	-.00181	.01186	.00108	-.00447	.08560	.11760	.00013
#3	-.00629	-.00559	.01012	.00413	-.00511	.10249	.12037	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00016	35.977	.00064	.00110	.00310	.03502	.45803	1.4763
Stddev	.00013	.119	.00071	.00017	.00024	.00211	.00185	.0543
%RSD	81.231	.33148	110.21	15.886	7.7322	6.0377	.40431	3.6792

#1	-.00001	35.891	-.00012	.00127	.00292	.03713	.45680	1.4899
#2	-.00023	35.927	.00078	.00092	.00301	.03290	.45712	1.4164
#3	-.00025	36.113	.00128	.00111	.00337	.03503	.46016	1.5225

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00014	.00075	264.63	-.00111	.02459	1.0855	-.00028	.01103
Stddev	.00013	.00020	3.51	.00018	.00018	.0136	.00031	.01207
%RSD	88.386	26.551	1.3255	16.516	.74980	1.2547	112.23	109.35

#1	.00022	.00078	268.68	-.00131	.02471	1.0767	-.00001	.00685
#2	-.00000	.00054	262.66	-.00104	.02469	1.1012	-.00021	.02464
#3	.00021	.00093	262.54	-.00097	.02438	1.0786	-.00062	.00162

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.41523	1.5250	.00028	.00018	-.00056	.0058	.17235	4.9897
Stddev	.00679	.0112	.00044	.00077	.00102	.0010	.00122	.1213
%RSD	1.6350	.73709	156.90	435.50	181.74	16.75	.70575	2.4312

#1	.40817	1.5292	.00058	-.00050	-.00174	.0060	.17233	5.1164
#2	.42171	1.5122	-.00023	.00002	.00002	.0066	.17115	4.9780
#3	.41581	1.5335	.00049	.00101	.00003	.0047	.17358	4.8746

Sample Name: K1687-08 Acquired: 3/18/2019 22:34:50 Type: Unk
 Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: HR-05-031519 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 12.913
 Stddev 1.000
 %RSD 7.7422

#1 12.446
 #2 12.232
 #3 14.061

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3855.3	38921.	4992.5	30.300	3614.6
Stddev	5.7	60.	20.6	1.075	7.6
%RSD	.14853	.15500	.41213	3.5491	.21146

#1	3860.9	38853.	4968.8	31.042	3621.9
#2	3849.4	38967.	5003.6	30.792	3606.7
#3	3855.6	38943.	5005.2	29.067	3615.3

Sample Name: CCV11 Acquired: 3/18/2019 22:39:25 Type: Unk
Method: P4-ICP2(v2954) 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	4.8194	5.0414	4.9638	4.9214	4.8273	9.7412	9.7772	.25408
Stddev	.0030	.0098	.0057	.0171	.0085	.1068	.0328	.00059
%RSD	.06298	.19401	.11552	.34737	.17516	1.0967	.33519	.23063
#1	4.8186	5.0438	4.9682	4.9035	4.8359	9.8642	9.7482	.25475
#2	4.8169	5.0307	4.9573	4.9231	4.8271	9.6878	9.7706	.25383
#3	4.8228	5.0498	4.9658	4.9375	4.8190	9.6716	9.8127	.25366
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4866	25.528	1.0516	2.4948	1.2479	5.3578	2.5455	25.509
Stddev	.0027	.142	.0016	.0036	.0008	.0309	.0038	.158
%RSD	.10806	.55513	.15167	.14270	.06489	.57775	.15079	.62038
#1	2.4896	25.665	1.0533	2.4923	1.2487	5.3293	2.5496	25.583
#2	2.4845	25.382	1.0501	2.4933	1.2478	5.3535	2.5448	25.617
#3	2.4855	25.536	1.0515	2.4989	1.2471	5.3907	2.5420	25.328
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4888	1.2616	23.933	2.5474	2.4484	24.317	5.0475	5.0197
Stddev	.0024	.0019	.128	.0026	.0016	.062	.0077	.0427
%RSD	.09572	.15484	.53421	.10292	.06650	.25410	.15166	.84995
#1	2.4894	1.2623	23.800	2.5487	2.4479	24.274	5.0461	5.0690
#2	2.4862	1.2631	23.944	2.5444	2.4471	24.289	5.0407	4.9945
#3	2.4908	1.2594	24.056	2.5492	2.4503	24.388	5.0558	4.9957
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7063	5.1359	5.0724	4.9936	4.8185	4.982	4.9822	F 3.8111
Stddev	.0173	.0404	.0101	.0236	.0172	.009	.0079	.0658
%RSD	.36768	.78625	.20013	.47245	.35686	.1868	.15866	1.7262
#1	4.7200	5.1040	5.0666	5.0204	4.8128	4.981	4.9820	3.7680
#2	4.6869	5.1225	5.0665	4.9848	4.8049	4.992	4.9745	3.8868
#3	4.7120	5.1813	5.0841	4.9758	4.8379	4.973	4.9903	3.7786

Sample Name: CCV11 Acquired: 3/18/2019 22:39:25 Type: Unk
Method: P4-ICP2(v2954) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 6.0070
Stddev	.8849
%RSD	14.731

#1	5.1836
#2	6.9426
#3	5.8948

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4008.1	40840.	5094.1	30.407	3755.3
Stddev	4.8	66.	24.9	1.260	2.9
%RSD	.11899	.16092	.48799	4.1446	.07744

#1	4012.7	40784.	5122.2	31.383	3758.4
#2	4008.3	40824.	5085.0	28.984	3754.9
#3	4003.2	40912.	5075.0	30.855	3752.7

Sample Name: CCB11 Acquired: 3/18/2019 22:43:25 Type: Unk
Method: P4-ICP2(v2954) 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	-.00220	.00087	.00289	.00053	-.00204	-.01486	.00759
Stddev	.00196	.00180	.00070	.00057	.00045	.00825	.00253
%RSD	89.200	207.70	24.124	107.59	21.890	55.550	33.328

#1	-.00310	-.00094	.00211	.00094	-.00255	-.02356	.00715
#2	-.00354	.00089	.00344	-.00012	-.00173	-.00714	.00532
#3	.00005	.00266	.00312	.00076	-.00184	-.01388	.01032

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	-.00020	-.00451	.00031	.00029	-.00042	.00207
Stddev	.00007	.00009	.00813	.00017	.00026	.00043	.00079
%RSD	166.08	44.752	180.34	54.095	87.761	102.41	38.080

#1	.00009	-.00027	-.01215	.00012	.00003	-.00091	.00239
#2	.00008	-.00010	-.00542	.00041	.00030	-.00014	.00117
#3	-.00004	-.00023	.00404	.00040	.00054	-.00020	.00265

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	.02033	-.00174	.00027	.74270	.00059	.00501
Stddev	.00001	.03195	.00021	.00046	.02094	.00056	.00011
%RSD	17.635	157.13	12.388	169.37	2.8191	94.689	2.1903

#1	-.00006	.02266	-.00149	.00045	.71857	.00111	.00510
#2	-.00008	.05105	-.00180	.00062	.75602	-.00000	.00505
#3	-.00008	-.01271	-.00191	-.00025	.75351	.00066	.00489

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01823	-.00010	-.00977	F -.02278	.00141	-.00001	-.00087
Stddev	.04827	.00014	.00798	.00680	.00140	.00013	.00207
%RSD	264.77	148.63	81.716	29.848	98.880	2652.8	237.76

#1	-.02108	-.00003	-.00485	-.01598	.00093	.00015	-.00041
#2	.03140	-.00026	-.00548	-.02280	.00298	-.00011	.00093
#3	-.06501	-.00000	-.01898	-.02958	.00032	-.00005	-.00313

Sample Name: CCB11 Acquired: 3/18/2019 22:43:25 Type: Unk
Method: P4-ICP2(v2954) 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	-.00386	.0007	-.00015	2.1985	2.8100
Stddev	.00145	.0004	.00003	.2498	.0675
%RSD	37.436	58.37	19.917	11.361	2.4026
#1	-.00470	.0010	-.00017	2.4359	2.8006
#2	-.00469	.0009	-.00012	1.9380	2.8817
#3	-.00219	.0002	-.00016	2.2215	2.7476
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4117.7	42172.	5111.0	32.628	4119.6
Stddev	3.1	153.	42.5	1.400	3.8
%RSD	.07632	.36294	.83167	4.2912	.09313
#1	4121.4	42005.	5111.5	33.317	4117.3
#2	4115.9	42306.	5068.3	31.017	4117.5
#3	4116.0	42204.	5153.3	33.550	4124.0