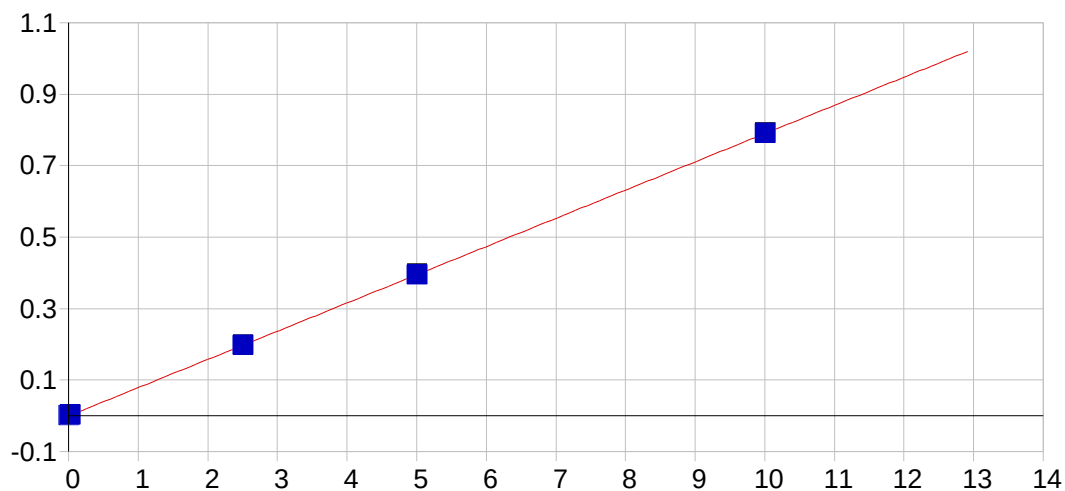


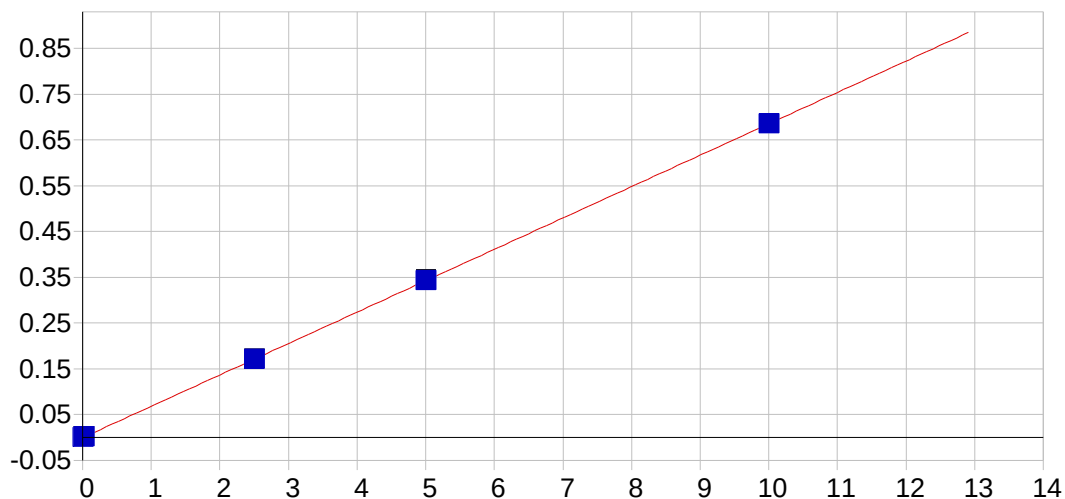


As 189.042 {478}

Date of Fit: 4/4/2019 12:52:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000236 Re-Slope: 1.000000
 A1 (Gain): 0.078993 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999997 Status: OK.
 Std Error of Est: 0.000005
 Predicted MDL: 0.002399
 Predicted MQL: 0.007998

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00024	.000	1
S1	.02000	.01847	-.002	-7.66	.00122	.000	1
S3	2.5000	2.4980	-.002	-.081	.19707	.000	1
S4	5.0000	5.0034	.003	.068	.39497	.001	1
S5	10.000	10.000	.000	.002	.78966	.002	1



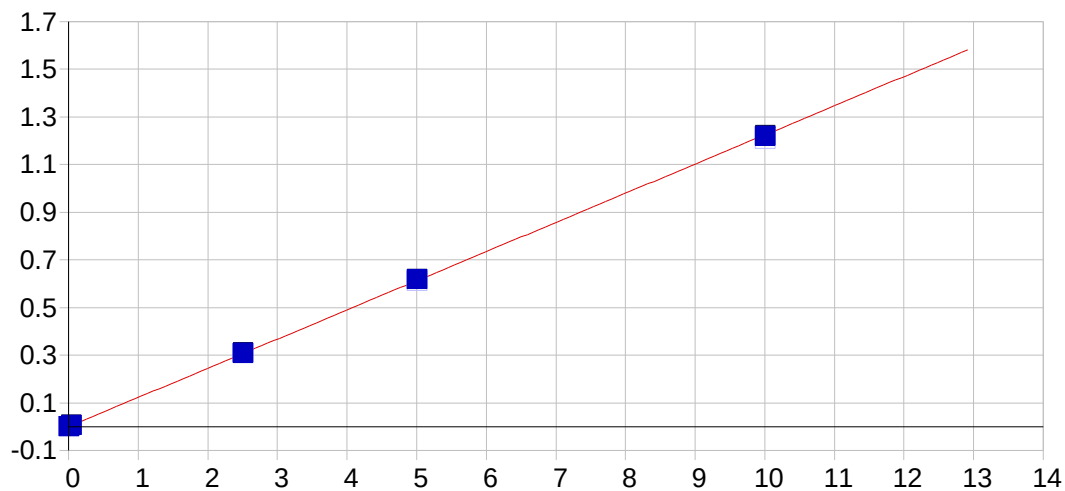
As 189.042 {479}

Date of Fit: 4/4/2019 12:52:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000164 Re-Slope: 1.000000

A1 (Gain): 0.068564 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999997 Status: OK.
 Std Error of Est: 0.000004
 Predicted MDL: 0.002011
 Predicted MQL: 0.006703

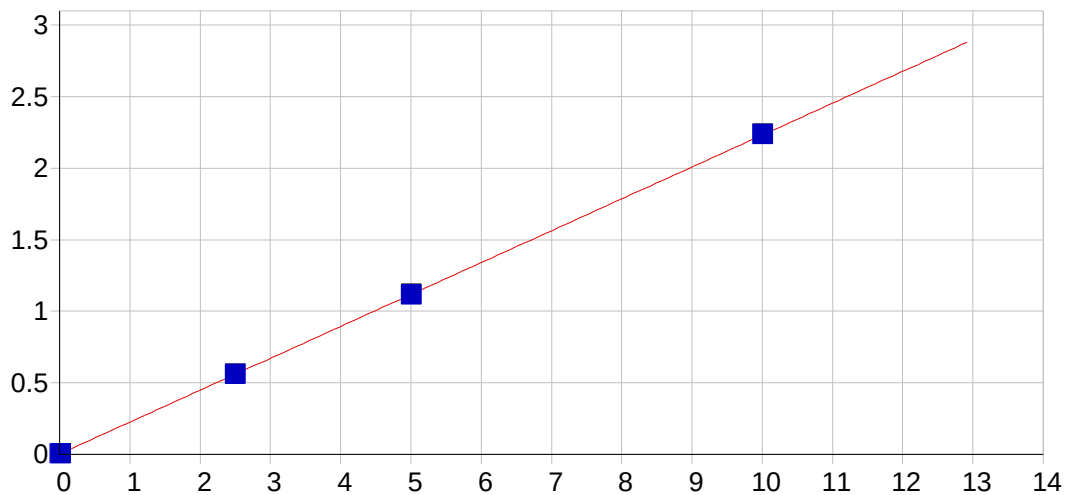
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00016	.000	1
S1	.02000	.02129	.001	6.47	.00130	.000	1
S3	2.5000	2.4989	-.001	-.046	.17117	.000	1
S4	5.0000	5.0092	.009	.184	.34329	.001	1
S5	10.000	9.9906	-.009	-.094	.68484	.001	1



Date of Fit: 4/4/2019 12:52:25 Type of Fit: Linear Weighting: 1/Conc
 TI 190.856 {477}

A0 (Offset): -0.000050 Re-Slope: 1.000000
 A1 (Gain): 0.122483 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999983 Status: OK.
 Std Error of Est: 0.000024
 Predicted MDL: 0.001013
 Predicted MQL: 0.003376

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00005	.000	1
S1	.04000	.04123	.001	3.07	.00487	.000	1
S3	2.5000	2.5178	.018	.712	.30520	.000	1
S4	5.0000	5.0303	.030	.606	.60980	.000	1
S5	10.000	9.9507	-.049	-.493	1.2062	.004	1

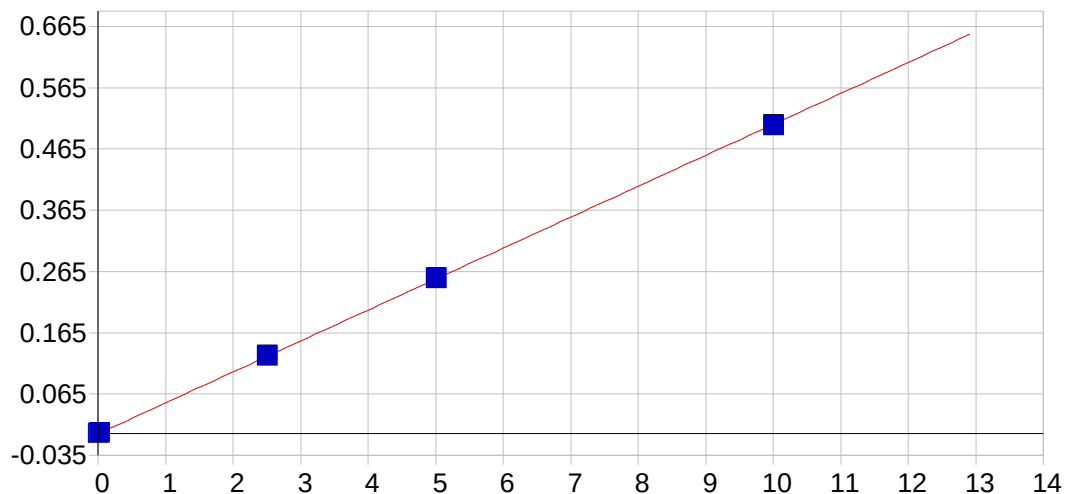


Pb 220.353 {453}

Date of Fit: 4/4/2019 12:52:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002927 Re-Slope: 1.000000
 A1 (Gain): 0.222872 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999997 Status: OK.
 Std Error of Est: 0.000010
 Predicted MDL: 0.000872
 Predicted MQL: 0.002907

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00293	.000	1
S1	.01200	.01202	.000	.127	.00555	.000	1
S3	2.5000	2.4916	-.008	-.336	.55742	.001	1
S4	5.0000	4.9888	-.011	-.225	1.1132	.003	1
S5	10.000	10.020	.020	.196	2.2328	.002	1



Se 196.090 {472}

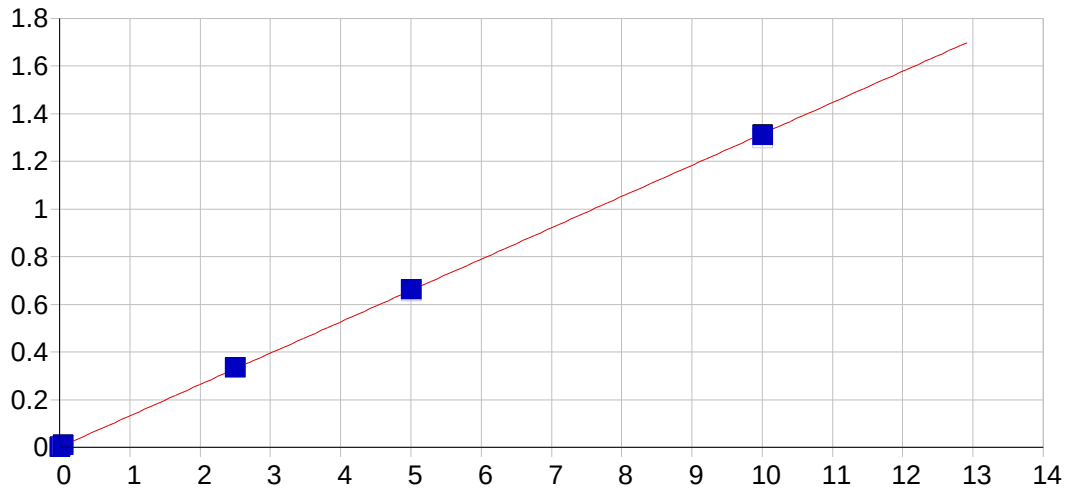
Date of Fit: 4/4/2019 12:52:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000034 Re-Slope: 1.000000
 A1 (Gain): 0.050510 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999987
 Std Error of Est: 0.000006
 Predicted MDL: 0.003071
 Predicted MQL: 0.010237

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00003	.000	1
S1	.02000	.02145	.001	7.23	.00112	.000	1
S3	2.5000	2.5165	.016	.659	.12711	.000	1
S4	5.0000	5.0212	.021	.424	.25360	.001	1
S5	10.000	9.9609	-.039	-.391	.50304	.001	1



Sb 206.833 {463}

Date of Fit: 4/4/2019 12:52:25

Type of Fit: Linear

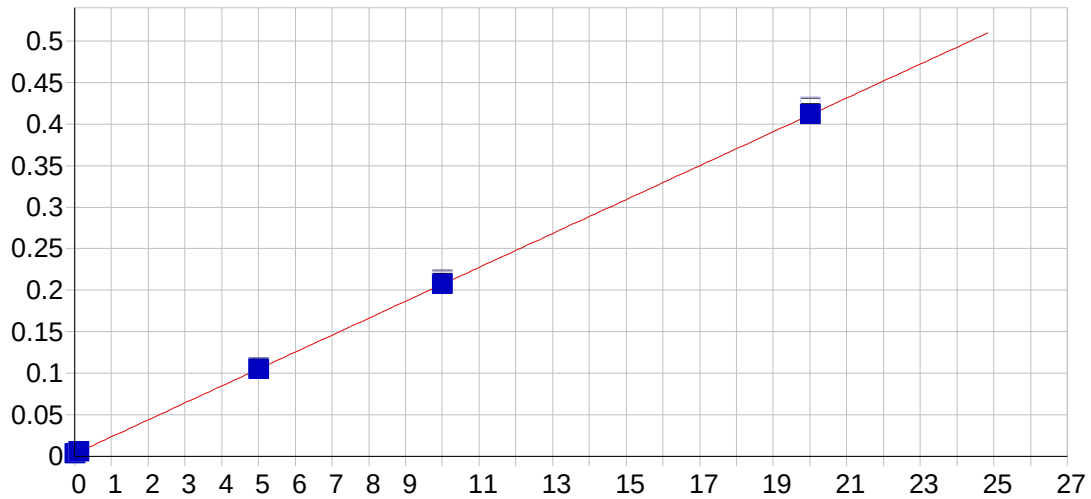
Weighting: 1/Conc

A0 (Offset): 0.000864
 A1 (Gain): 0.131474
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999980
 Std Error of Est: 0.000032
 Predicted MDL: 0.001615
 Predicted MQL: 0.005384

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	.00086	.000	1
S1	.05000	.05243	.002	4.86	.00759	.000	1
S3	2.5000	2.5260	.026	1.04	.32927	.000	1
S4	5.0000	5.0199	.020	.398	.65346	.001	1
S5	10.000	9.9517	-.048	-.483	1.2945	.001	1

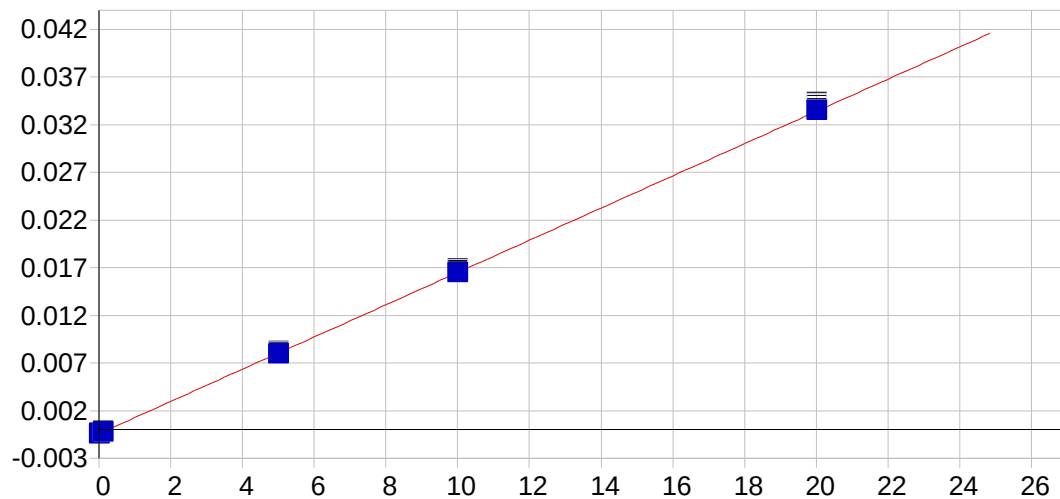


AI 308.215 {109}

Date of Fit: 4/4/2019 12:52:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003185 Re-Slope: 1.000000
 A1 (Gain): 0.020392 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999984 Status: OK.
 Std Error of Est: 0.000009
 Predicted MDL: 0.003177
 Predicted MQL: 0.010590

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00318	.000	1
S1	.10000	.10938	.009	9.38	.00556	.000	1
S3	5.0000	4.9630	-.037	-.740	.10642	.000	1
S4	10.000	10.004	.004	.042	.21125	.000	1
S5	20.000	20.023	.023	.115	.41961	.001	1



AI 309.271 {109}

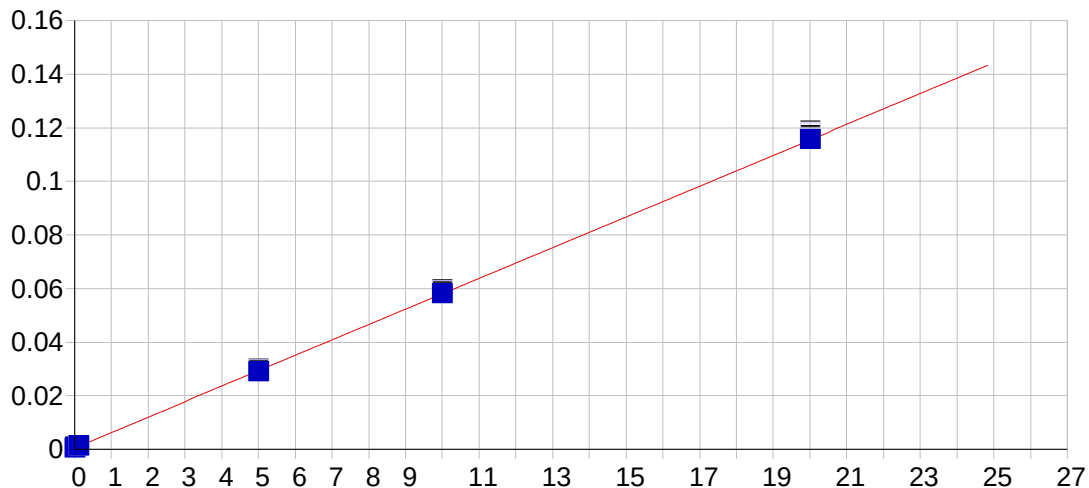
Date of Fit: 4/4/2019 12:52:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000421 Re-Slope: 1.000000
 A1 (Gain): 0.001691 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999981
 Std Error of Est: 0.000001
 Predicted MDL: 0.027529
 Predicted MQL: 0.091764

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00042	.000	1
S1	.10000	.10904	.009	9.04	-.00022	.000	1
S3	5.0000	4.9605	-.040	-.791	.00813	.000	1
S4	10.000	9.9716	-.028	-.284	.01678	.000	1
S5	20.000	20.058	.058	.292	.03417	.000	1



AI 396.152 { 85}

Date of Fit: 4/4/2019 12:52:25

Type of Fit: Linear

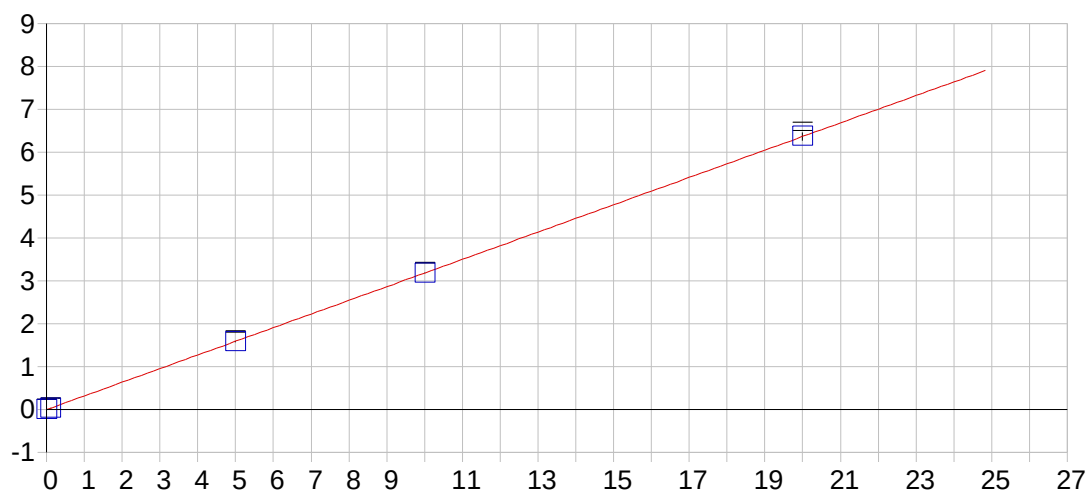
Weighting: 1/Conc

A0 (Offset): 0.000555
 A1 (Gain): 0.005745
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999989
 Std Error of Est: 0.000002
 Predicted MDL: 0.012573
 Predicted MQL: 0.041908

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	.00055	.000	1
S1	.10000	.10475	.005	4.75	.00120	.000	1
S3	5.0000	4.9498	-.050	-1.00	.02956	.000	1
S4	10.000	10.015	.015	.145	.05923	.000	1
S5	20.000	20.031	.031	.153	.11792	.001	1

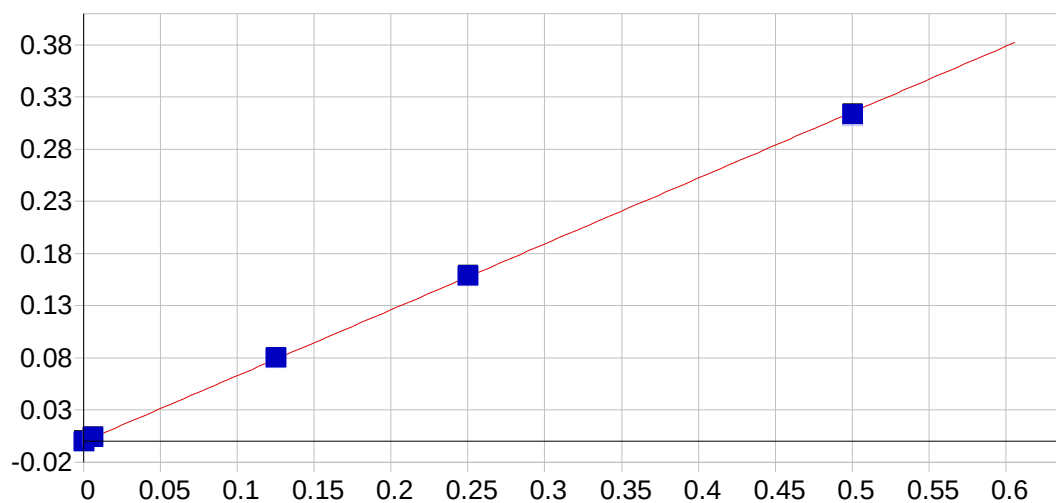


Ba 493.409 { 68}

Date of Fit: 4/4/2019 12:52:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001520 Re-Slope: 1.000000
 A1 (Gain): 0.318366 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999992 Status: OK.
 Std Error of Est: 0.000094
 Predicted MDL: 0.000503
 Predicted MQL: 0.001678

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00152	.000	1
S1	.10000	.10651	.007	6.51	.03239	.000	1
S3	5.0000	4.9791	-.021	-.417	1.5837	.013	1
S5	20.000	20.001	.001	.007	6.3663	.098	1
S4	10.000	10.013	.013	.129	3.1863	.001	1



Be 234.861 {144}

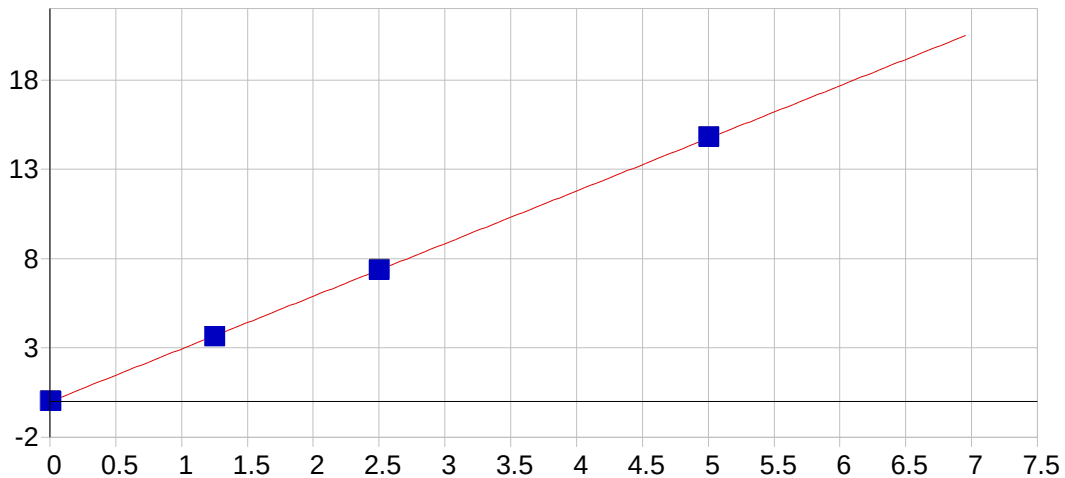
Date of Fit: 4/4/2019 12:52:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000093 Re-Slope: 1.000000
 A1 (Gain): 0.631255 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999943
 Std Error of Est: 0.000020
 Predicted MDL: 0.000070
 Predicted MQL: 0.000233

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	.00652	.001	8.66	.00398	.000	1
S3	.12500	.12653	.002	1.22	.07928	.000	1
S4	.25000	.25157	.002	.626	.15772	.001	1
S5	.50000	.49639	-.004	-.722	.31127	.000	1



Cd 226.502 {449}

Date of Fit: 4/4/2019 12:52:25

Type of Fit: Linear

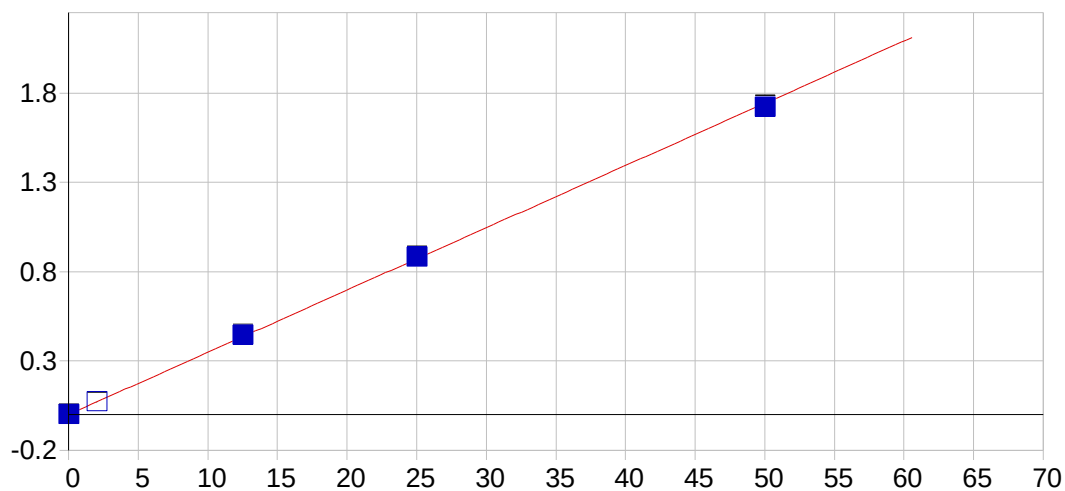
Weighting: 1/Conc

A0 (Offset): -0.001318
 A1 (Gain): 2.946537
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999982
 Std Error of Est: 0.000164
 Predicted MDL: 0.000075
 Predicted MQL: 0.000250

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	-.00132	.000	1
S1	.00600	.00595	-.000	-.839	.01625	.000	1
S3	1.2500	1.2333	-.017	-1.34	3.6333	.004	1
S4	2.5000	2.4968	-.003	-.128	7.3572	.012	1
S5	5.0000	5.0200	.020	.400	14.794	.015	1

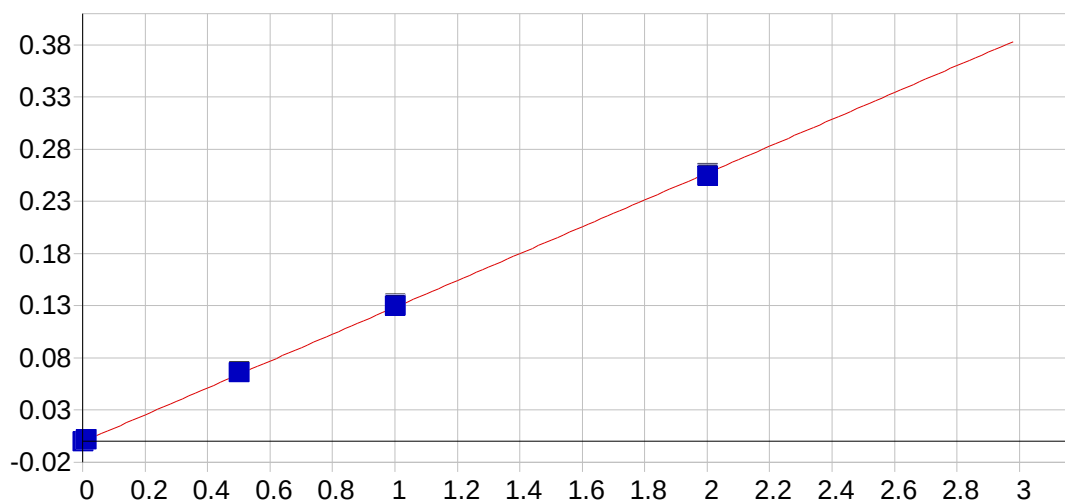


Ca 373.690 { 90}

Date of Fit: 4/4/2019 12:52:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000435 Re-Slope: 1.000000
 A1 (Gain): 0.034846 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999898 Status: OK.
 Std Error of Est: 0.000272
 Predicted MDL: 0.016522
 Predicted MQL: 0.055072

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0284	.028	1.42	.07112	.001	1
S0	.00000	-.00007	-.000	.000	.00043	.001	1
S3	12.500	12.787	.287	2.30	.44624	.004	1
S4	25.000	25.303	.303	1.21	.88260	.003	1
S5	50.000	49.382	-.618	-1.24	1.7221	.010	1



Cr 267.716 {126}

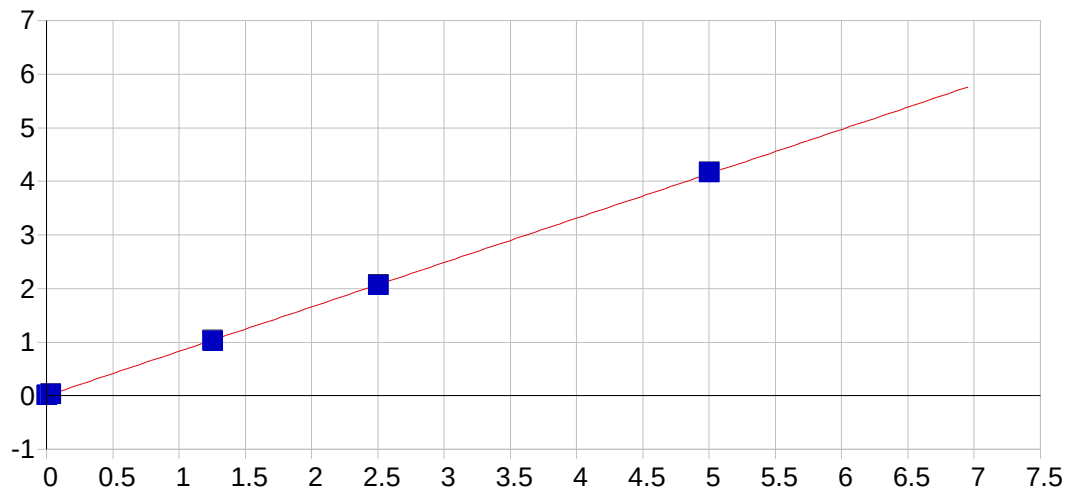
Date of Fit: 4/4/2019 12:52:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000184 Re-Slope: 1.000000
 A1 (Gain): 0.128686 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999892
 Std Error of Est: 0.000015
 Predicted MDL: 0.000473
 Predicted MQL: 0.001575

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00018	.000	1
S1	.01000	.01109	.001	10.9	.00125	.000	1
S3	.50000	.51121	.011	2.24	.06611	.000	1
S4	1.0000	1.0112	.011	1.12	.13095	.000	1
S5	2.0000	1.9766	-.023	-1.17	.25619	.000	1



Co 228.616 {447}

Date of Fit: 4/4/2019 12:52:25

Type of Fit: Linear

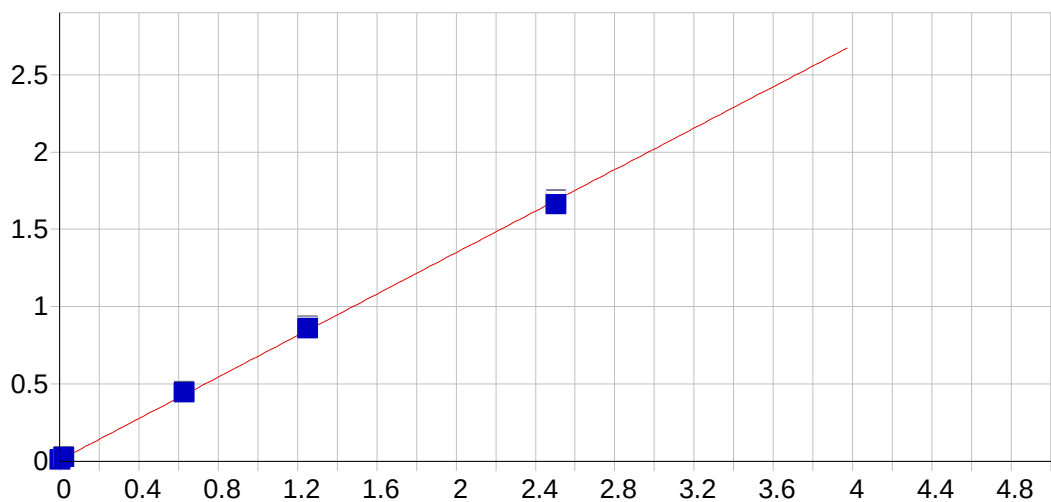
Weighting: 1/Conc

A0 (Offset): -0.000397
 A1 (Gain): 0.828181
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999977
 Std Error of Est: 0.000118
 Predicted MDL: 0.000220
 Predicted MQL: 0.000732

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	-.00040	.000	1
S1	.03000	.02960	-.000	-1.33	.02395	.000	1
S3	1.2500	1.2351	-.015	-1.19	1.0233	.001	1
S4	2.5000	2.4871	-.013	-.518	2.0610	.004	1
S5	5.0000	5.0282	.028	.564	4.1671	.004	1

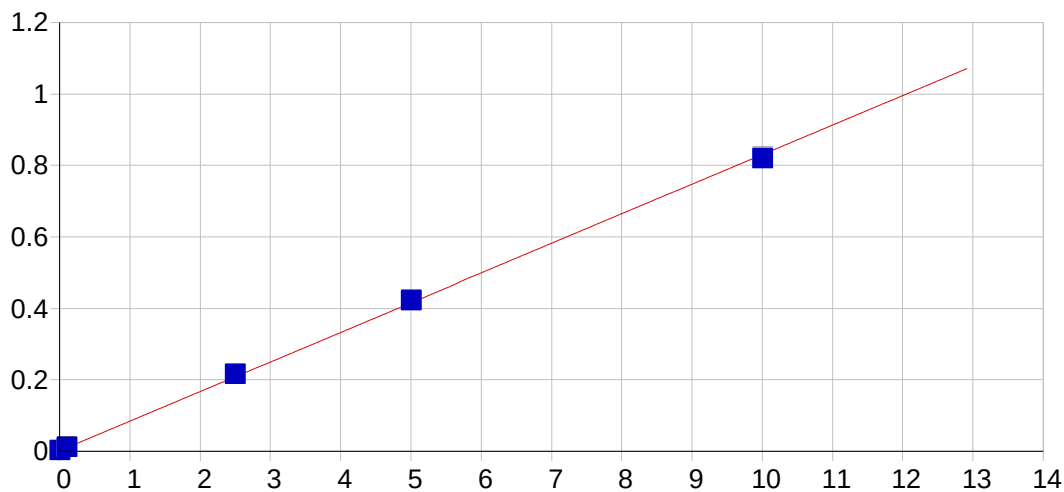


Cu 224.700 {450}

Date of Fit: 4/4/2019 12:52:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.008504 Re-Slope: 1.000000
 A1 (Gain): 0.670465 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999820 Status: OK.
 Std Error of Est: 0.000156
 Predicted MDL: 0.000404
 Predicted MQL: 0.001346

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00850	.000	1
S1	.02000	.02188	.002	9.40	.02338	.000	1
S3	.62500	.64657	.022	3.45	.44878	.001	1
S4	1.2500	1.2639	.014	1.11	.86942	.001	1
S5	2.5000	2.4627	-.037	-1.49	1.6867	.001	1



Fe 240.488 {140}

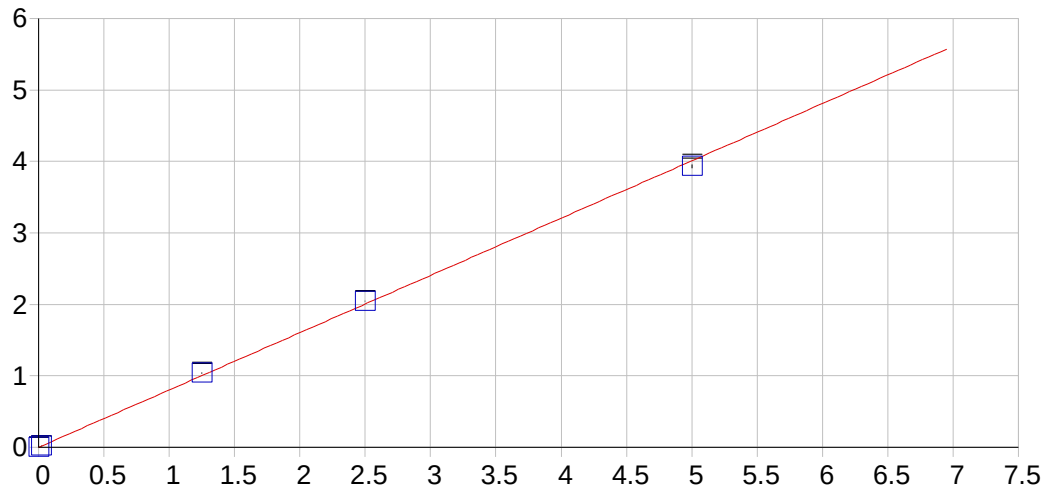
Date of Fit: 4/4/2019 12:52:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001504 Re-Slope: 1.000000
 A1 (Gain): 0.082871 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999833
 Std Error of Est: 0.000082
 Predicted MDL: 0.000644
 Predicted MQL: 0.002146

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00150	.000	1
S1	.10000	.11259	.013	12.6	.01087	.000	1
S3	2.5000	2.5653	.065	2.61	.21486	.000	1
S4	5.0000	5.0605	.060	1.21	.42242	.001	1
S5	10.000	9.8617	-.138	-1.38	.82184	.000	1



Mn 257.610 {131}

Date of Fit: 4/4/2019 12:52:25

Type of Fit: Linear

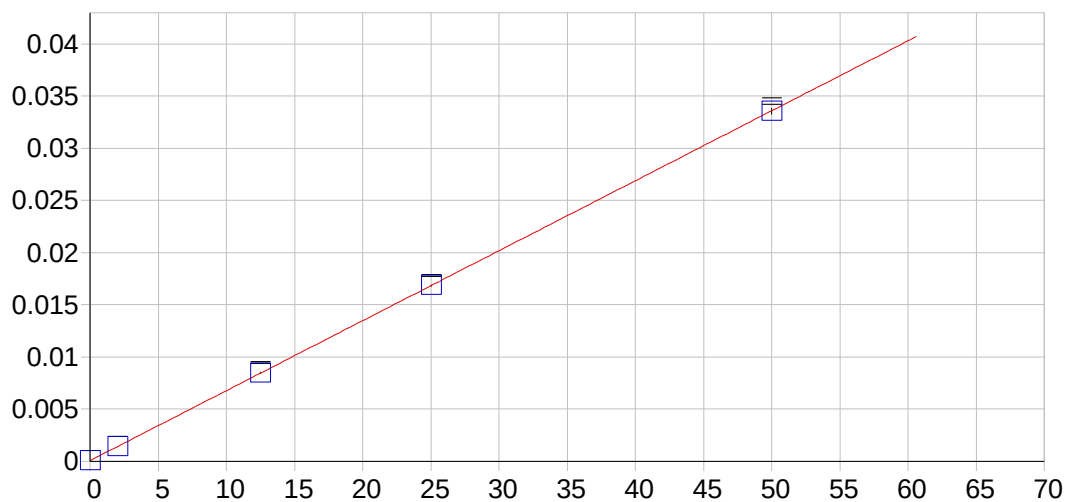
Weighting: 1/Conc

A0 (Offset): 0.001280
 A1 (Gain): 0.801461
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999714
 Std Error of Est: 0.000328
 Predicted MDL: 0.000068
 Predicted MQL: 0.000226

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	.00128	.000	1
S1	.02000	.02315	.003	15.8	.01984	.000	1
S3	1.2500	1.2946	.045	3.57	1.0389	.005	1
S4	2.5000	2.5502	.050	2.01	2.0452	.007	1
S5	5.0000	4.9020	-.098	-1.96	3.9300	.026	1

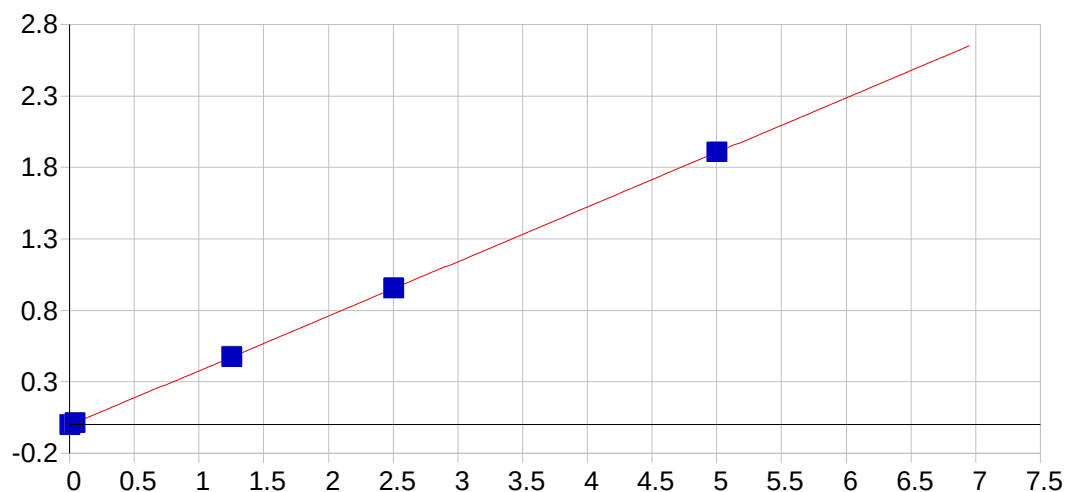


Mg 279.079 {121}

Date of Fit: 4/4/2019 12:52:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000074 Re-Slope: 1.000000
 A1 (Gain): 0.000671 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999998 Status: OK.
 Std Error of Est: 0.000001
 Predicted MDL: 0.036168
 Predicted MQL: 0.120560

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	1.9883	-.012	-.584	.00141	.000	1
S0	.00000	.00000	.000	.000	.00007	.000	1
S3	12.500	12.559	.059	.473	.00850	.000	1
S4	25.000	25.002	.002	.008	.01684	.000	1
S5	50.000	49.951	-.049	-.099	.03357	.000	1



Ni 231.604 {445}

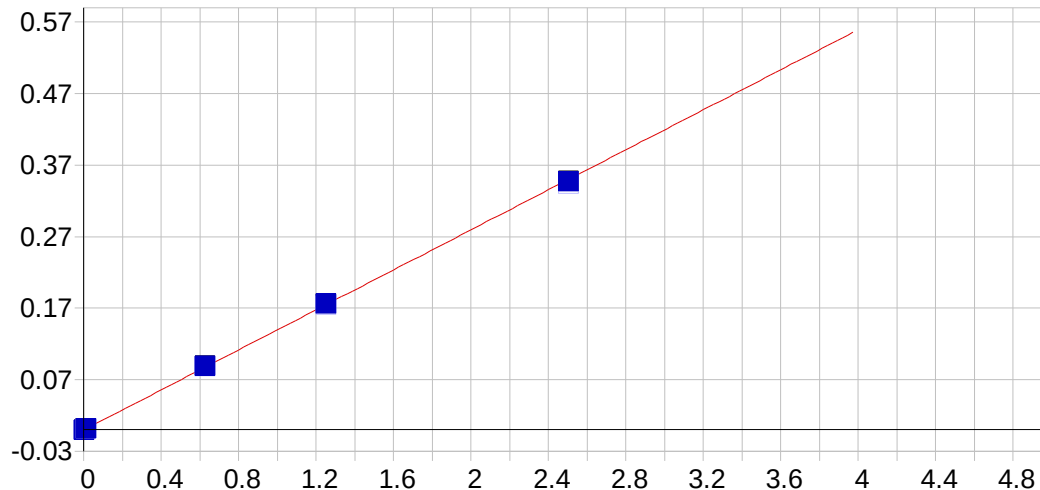
Date of Fit: 4/4/2019 12:52:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.003748 Re-Slope: 1.000000
 A1 (Gain): 0.381765 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999999
 Std Error of Est: 0.000009
 Predicted MDL: 0.000442
 Predicted MQL: 0.001472

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00375	.000	1
S1	.04000	.04017	.000	.416	.01159	.000	1
S3	1.2500	1.2471	-.003	-.234	.47286	.002	1
S4	2.5000	2.4999	-.000	-.006	.95165	.002	1
S5	5.0000	5.0029	.003	.058	1.9083	.003	1



Ag 328.068 {103}

Date of Fit: 4/4/2019 12:52:25

Type of Fit: Linear

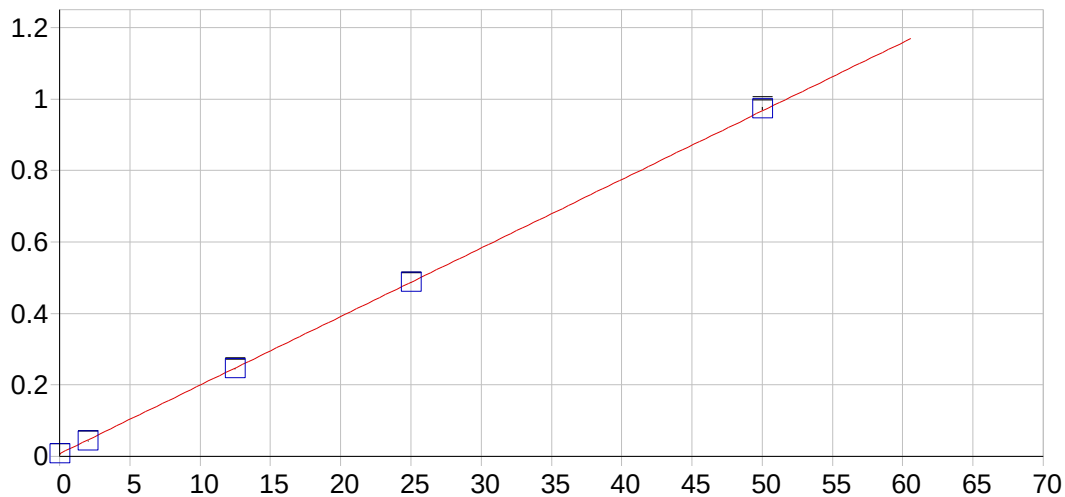
Weighting: 1/Conc

A0 (Offset): -0.000241
 A1 (Gain): 0.139894
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999943
 Std Error of Est: 0.000013
 Predicted MDL: 0.000644
 Predicted MQL: 0.002146

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	-.00024	.000	1
S1	.01000	.01112	.001	11.2	.00129	.000	1
S3	.62500	.63601	.011	1.76	.08774	.000	1
S4	1.2500	1.2565	.006	.520	.17355	.001	1
S5	2.5000	2.4814	-.019	-.745	.34292	.001	1

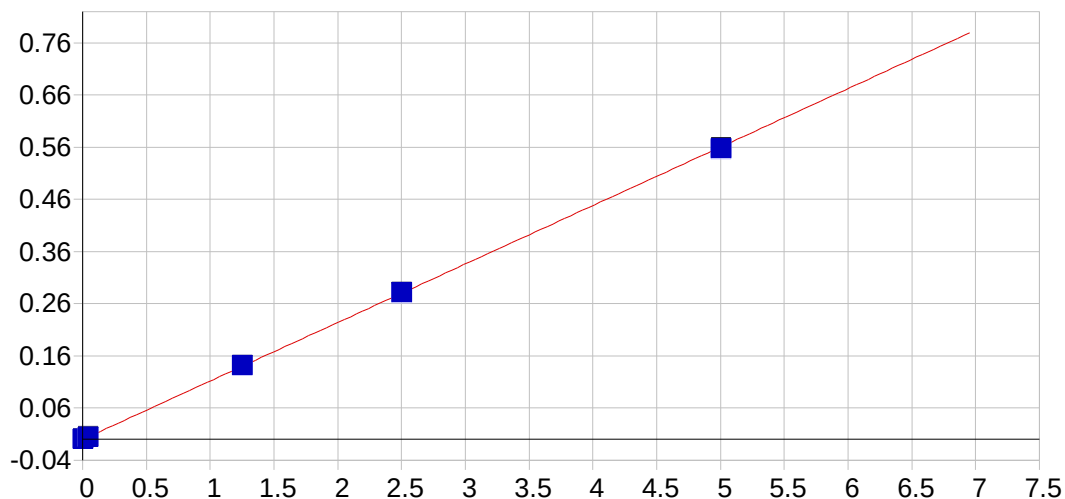


Na 589.592 { 57}

Date of Fit: 4/4/2019 12:52:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.007714 Re-Slope: 1.000000
 A1 (Gain): 0.019175 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999925 Status: OK.
 Std Error of Est: 0.000128
 Predicted MDL: 0.009654
 Predicted MQL: 0.032180

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	1.8607	-.139	-6.96	.04339	.000	1
S0	.00000	.00015	.000	.000	.00772	.000	1
S3	12.500	12.357	-.143	-1.14	.24467	.002	1
S4	25.000	24.964	-.036	-.145	.48640	.001	1
S5	50.000	50.318	.318	.636	.97257	.005	1



V 292.402 {115}

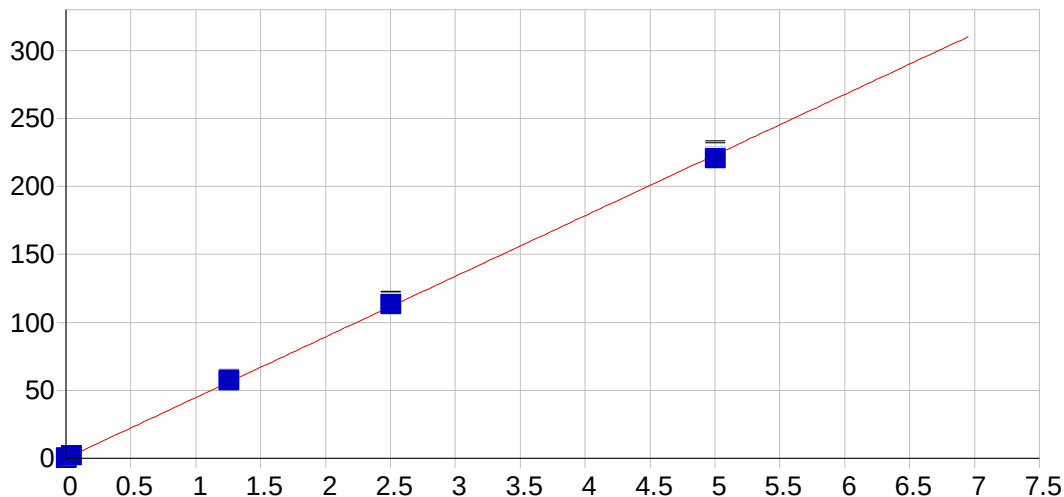
Date of Fit: 4/4/2019 12:52:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000020 Re-Slope: 1.000000
 A1 (Gain): 0.112105 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999980
 Std Error of Est: 0.000017
 Predicted MDL: 0.000535
 Predicted MQL: 0.001782

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00002	.000	1
S1	.04000	.04228	.002	5.70	.00465	.000	1
S3	1.2500	1.2601	.010	.804	.14032	.000	1
S4	2.5000	2.5095	.009	.379	.27947	.000	1
S5	5.0000	4.9782	-.022	-.436	.55440	.001	1



Zn 206.200 {163}

Date of Fit: 4/4/2019 12:52:25

Type of Fit: Linear

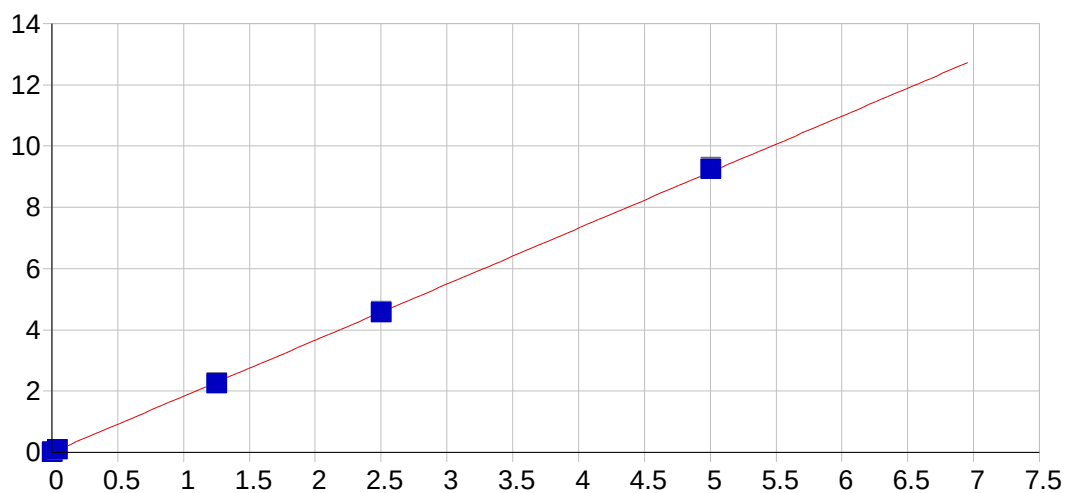
Weighting: 1/Conc

A0 (Offset): 0.068047
 A1 (Gain): 44.599040
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999891
 Std Error of Est: 0.016056
 Predicted MDL: 0.000372
 Predicted MQL: 0.001240

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	.06791	.025	1
S1	.04000	.04222	.002	5.54	1.9625	.035	1
S3	1.2500	1.2802	.030	2.42	57.501	.408	1
S4	2.5000	2.5291	.029	1.16	113.54	1.79	1
S5	5.0000	4.9385	-.061	-1.23	221.67	4.41	1

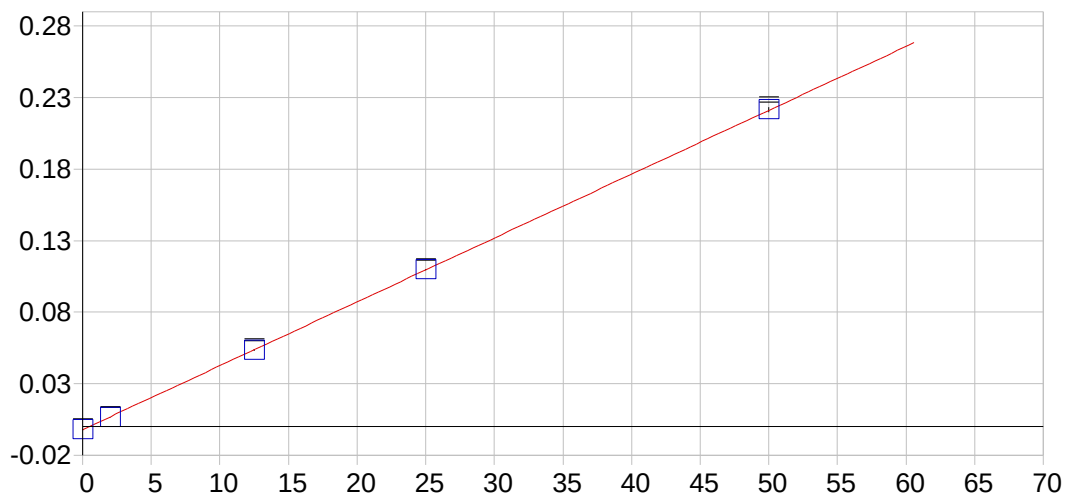


Zn 213.856 {458}

Date of Fit: 4/4/2019 12:52:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003343 Re-Slope: 1.000000
 A1 (Gain): 1.829288 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999941 Status: OK.
 Std Error of Est: 0.000485
 Predicted MDL: 0.000085
 Predicted MQL: 0.000284

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00335	.000	1
S1	.04000	.03866	-.001	-3.35	.07457	.000	1
S3	1.2500	1.2232	-.027	-2.14	2.2556	.002	1
S4	2.5000	2.4859	-.014	-.563	4.5800	.008	1
S5	5.0000	5.0422	.042	.844	9.2853	.005	1



K 766.490 {44}

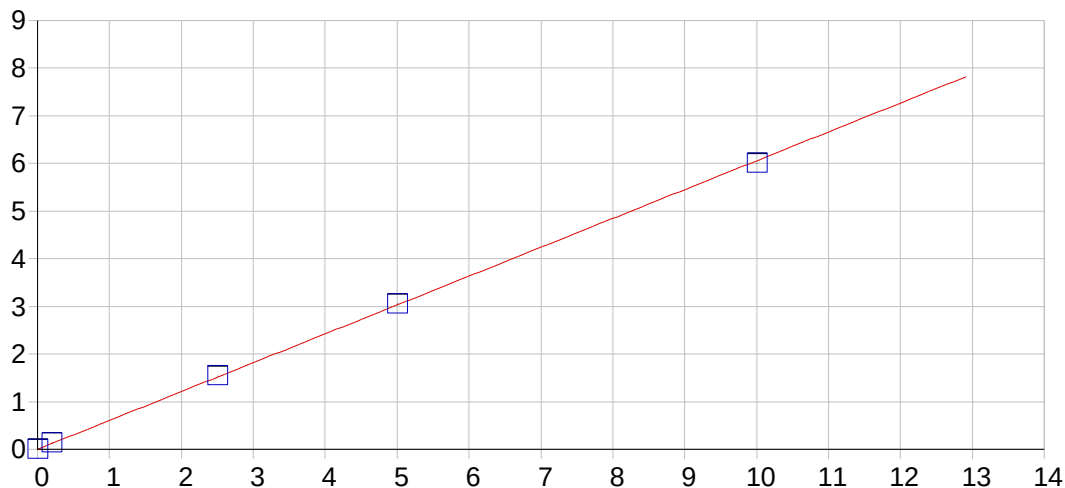
Date of Fit: 4/4/2019 12:52:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002013 Re-Slope: 1.000000
 A1 (Gain): 0.004463 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999984
 Std Error of Est: 0.000014
 Predicted MDL: 0.042395
 Predicted MQL: 0.141317

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	1.9295	-.071	-3.53	.00660	.000	1
S0	.00000	.00007	.000	.000	-.00201	.000	1
S3	12.500	12.456	-.044	-.351	.05357	.000	1
S4	25.000	25.006	.006	.025	.10958	.000	1
S5	50.000	50.108	.108	.216	.22160	.002	1



Mo 202.030 {467}

Date of Fit: 4/4/2019 12:52:25

Type of Fit: Linear

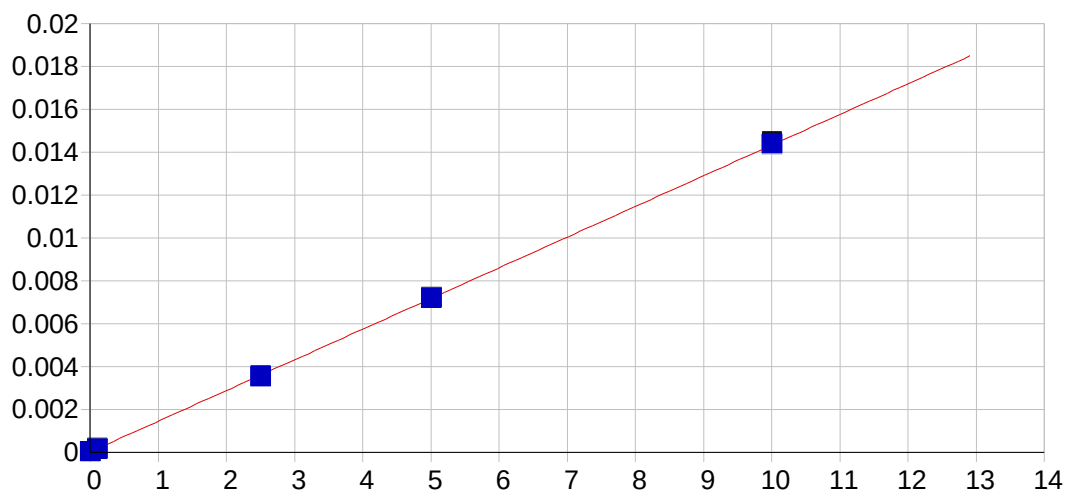
Weighting: 1/Conc

A0 (Offset): 0.000263
 A1 (Gain): 0.605644
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999918
 Std Error of Est: 0.000595
 Predicted MDL: 0.000282
 Predicted MQL: 0.000939

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	.00025	.000	1
S1	.20000	.21533	.015	7.66	.13067	.000	1
S3	2.5000	2.5413	.041	1.65	1.5394	.001	1
S4	5.0000	5.0335	.034	.670	3.0488	.002	1
S5	10.000	9.9099	-.090	-.901	6.0021	.006	1

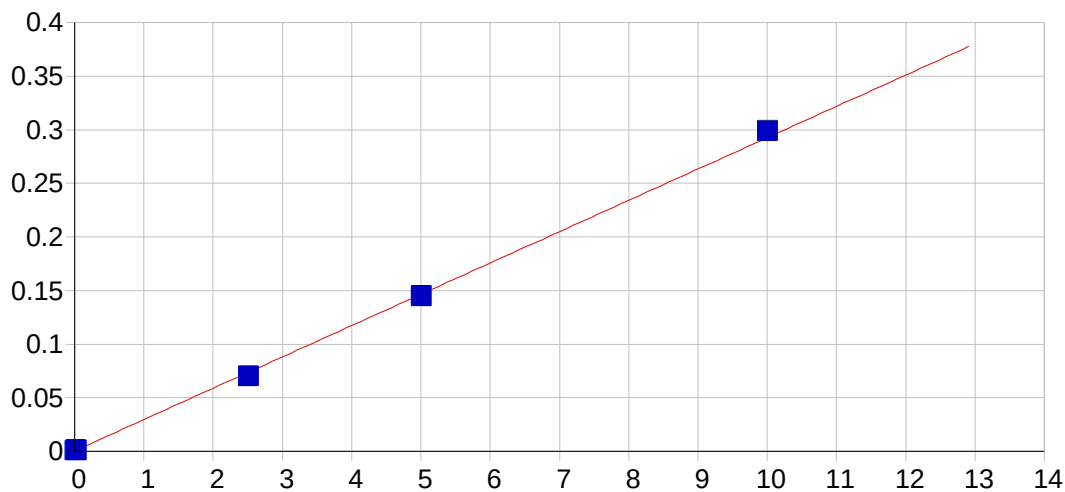


B 249.678 {135}

Date of Fit: 4/4/2019 12:52:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000024 Re-Slope: 1.000000
 A1 (Gain): 0.001431 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999953 Status: OK.
 Std Error of Est: 0.000001
 Predicted MDL: 0.011939
 Predicted MQL: 0.039795

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00002	.000	1
S1	.10000	.09310	-.007	-6.90	.00016	.000	1
S3	2.5000	2.4513	-.049	-1.95	.00352	.000	1
S4	5.0000	5.0225	.023	.450	.00719	.000	1
S5	10.000	10.033	.033	.331	.01434	.000	1



S 182.034 {485}

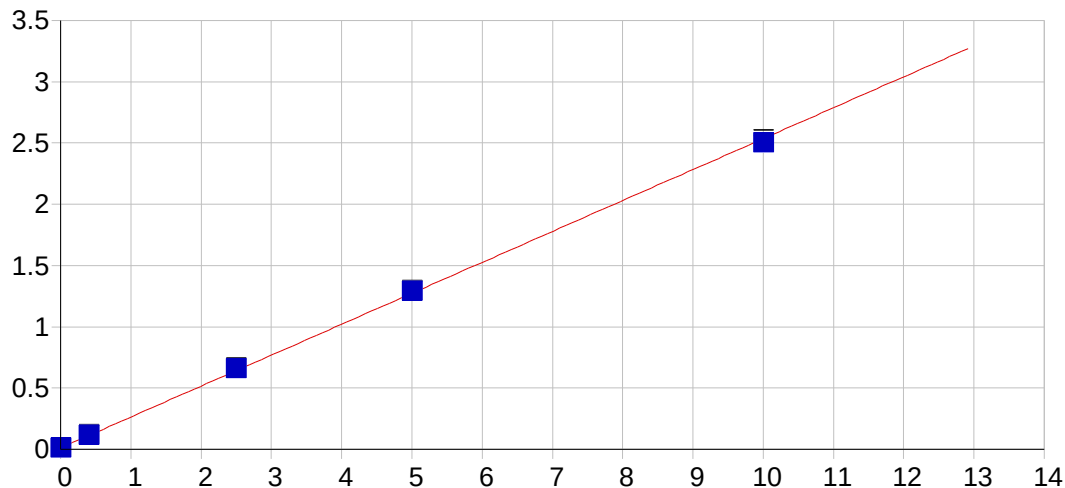
Date of Fit: 4/4/2019 12:52:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000441 Re-Slope: 1.000000
 A1 (Gain): 0.029211 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999602
 Std Error of Est: 0.000020
 Predicted MDL: 0.002931
 Predicted MQL: 0.009770

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00044	.000	1
S1	.02000	.01515	-.005	-24.3	.00087	.000	1
S3	2.5000	2.3663	-.134	-5.35	.06948	.000	1
S4	5.0000	4.9260	-.074	-1.48	.14417	.001	1
S5	10.000	10.212	.212	2.12	.29843	.000	1



Si 288.158 {117}

Date of Fit: 4/4/2019 12:52:25

Type of Fit: Linear

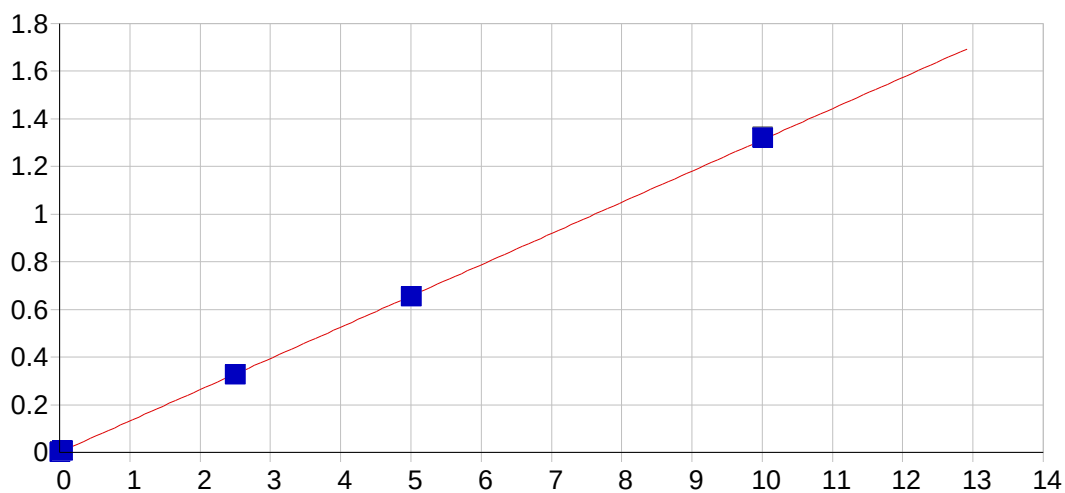
Weighting: 1/Conc

A0 (Offset): 0.011300
 A1 (Gain): 0.252423
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999863
 Std Error of Est: 0.000455
 Predicted MDL: 0.002707
 Predicted MQL: 0.009022

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	-.00003	-.000	.000	.01129	.001	1
S1	.40000	.41692	.017	4.23	.11646	.001	1
S3	2.5000	2.5616	.062	2.46	.65757	.003	1
S4	5.0000	5.0602	.060	1.20	1.2879	.005	1
S5	10.000	9.8613	-.139	-1.39	2.4992	.023	1

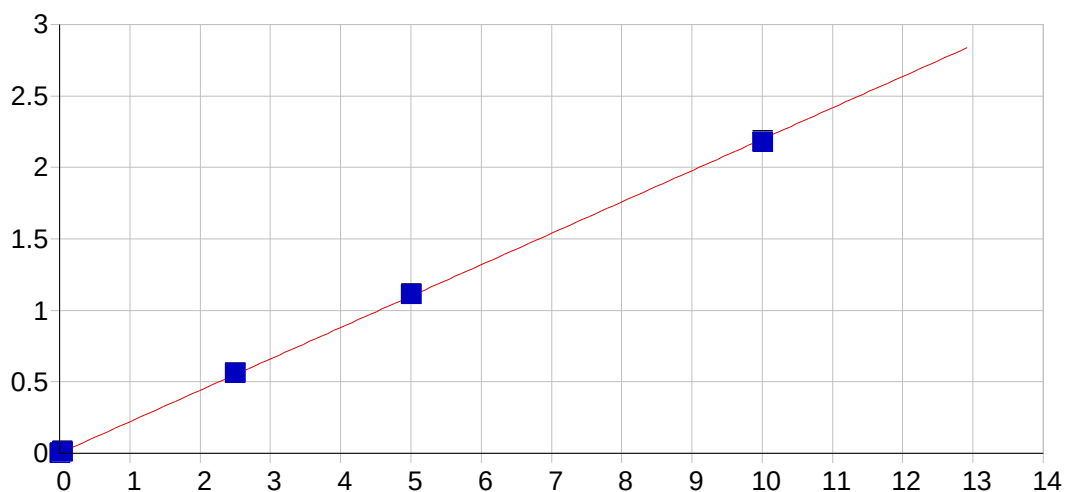


Sn 189.989 {477}

Date of Fit: 4/4/2019 12:52:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001098 Re-Slope: 1.000000
 A1 (Gain): 0.131082 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999975 Status: OK.
 Std Error of Est: 0.000032
 Predicted MDL: 0.000681
 Predicted MQL: 0.002270

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00110	.000	1
S1	.04000	.03830	-.002	-4.24	.00612	.000	1
S3	2.5000	2.4728	-.027	-1.09	.32529	.001	1
S4	5.0000	4.9709	-.029	-.582	.65281	.001	1
S5	10.000	10.058	.058	.580	1.3197	.002	1



Ti 336.121 {100}

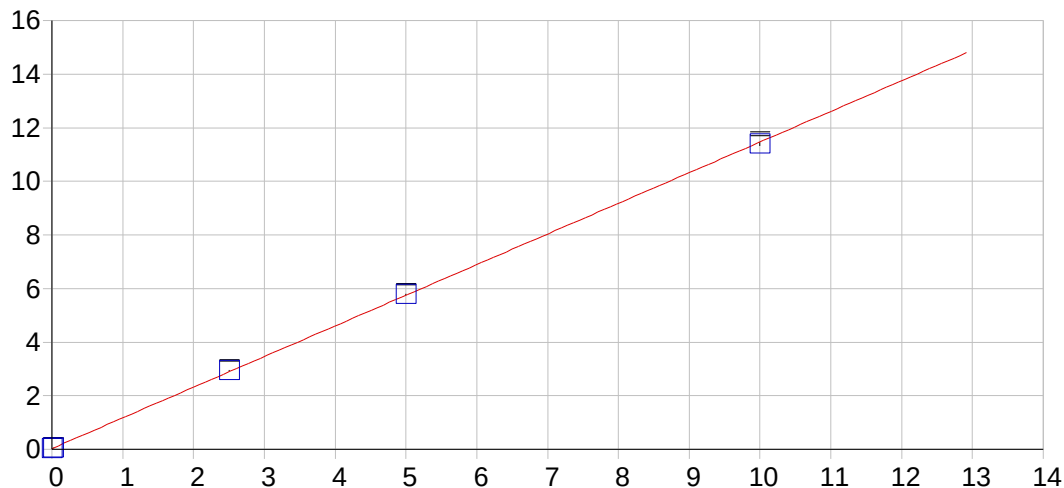
Date of Fit: 4/4/2019 12:52:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001371 Re-Slope: 1.000000
 A1 (Gain): 0.219621 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999928
 Std Error of Est: 0.000090
 Predicted MDL: 0.001880
 Predicted MQL: 0.006268

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00137	.001	1
S1	.04000	.04436	.004	10.9	.01111	.000	1
S3	2.5000	2.5418	.042	1.67	.55954	.002	1
S4	5.0000	5.0480	.048	.961	1.1099	.003	1
S5	10.000	9.9058	-.094	-.942	2.1766	.008	1



Date of Fit: 4/4/2019 12:52:25

Type of Fit: Linear

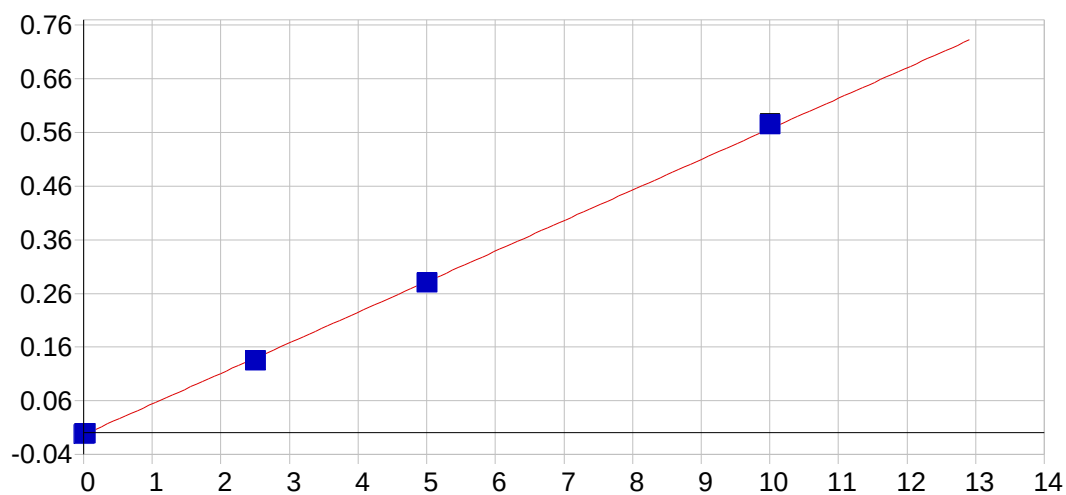
Weighting: 1/Conc

A0 (Offset): 0.030577
 A1 (Gain): 1.143457
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999958
 Std Error of Est: 0.000252
 Predicted MDL: 0.001750
 Predicted MQL: 0.005833

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	.03058	.001	1
S1	.02000	.01804	-.002	-9.79	.05121	.001	1
S3	2.5000	2.5426	.043	1.70	2.9379	.013	1
S4	5.0000	5.0242	.024	.484	5.7755	.023	1
S5	10.000	9.9352	-.065	-.648	11.391	.079	1

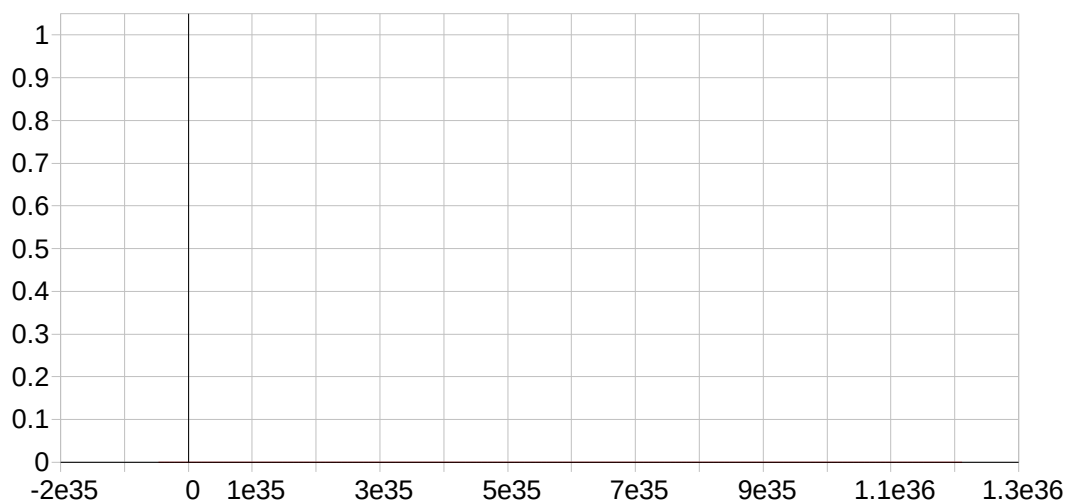


P 177.495 {490}

Date of Fit: 4/4/2019 12:52:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002938 Re-Slope: 1.000000
 A1 (Gain): 0.056960 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999815 Status: OK.
 Std Error of Est: 0.000026
 Predicted MDL: 0.001597
 Predicted MQL: 0.005323

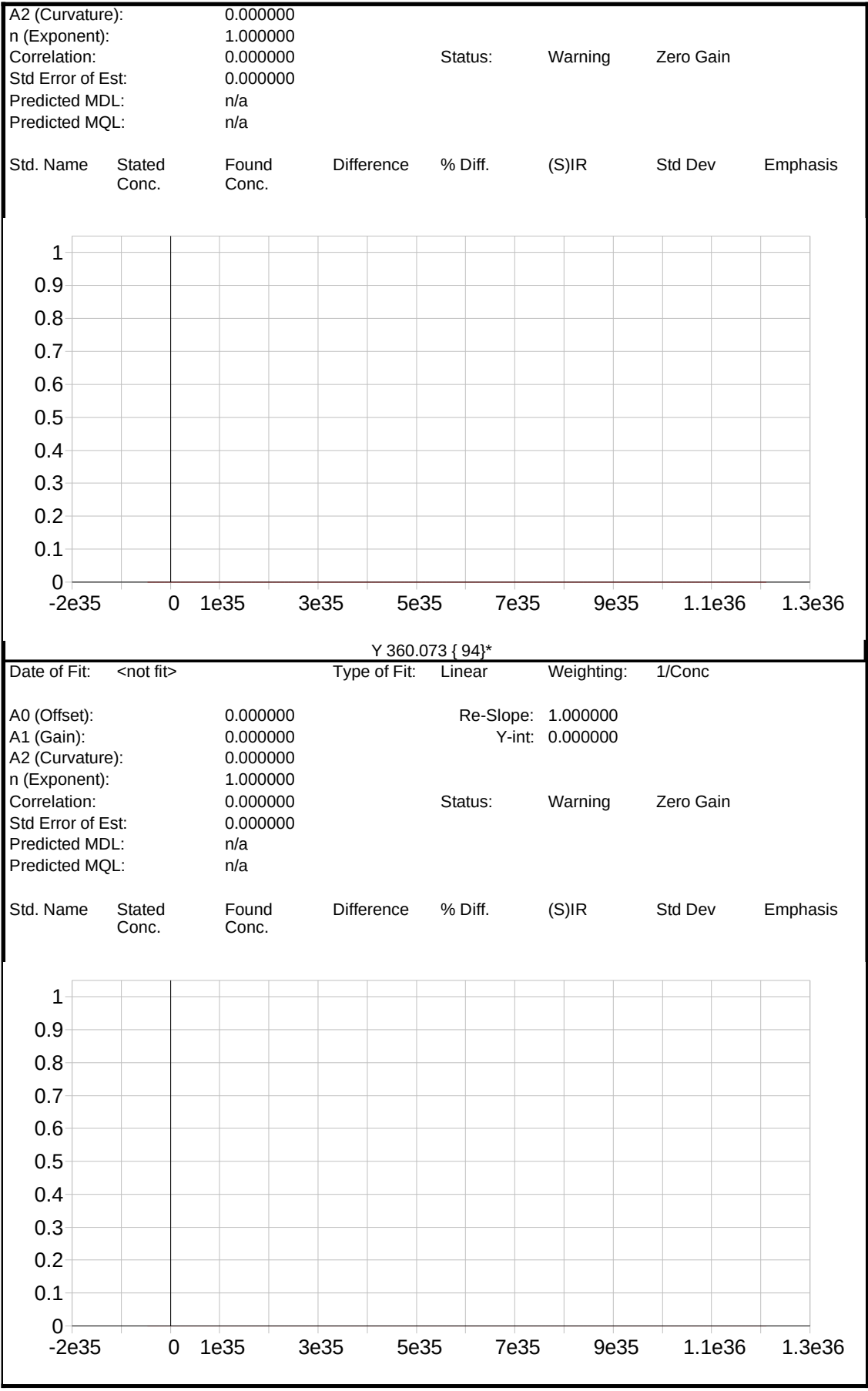
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00294	.000	1
S1	.02000	.01749	-.003	-12.5	-.00195	.000	1
S3	2.5000	2.4029	-.097	-3.88	.13373	.000	1
S4	5.0000	4.9572	-.043	-.856	.27901	.000	1
S5	10.000	10.142	.142	1.42	.57395	.001	1

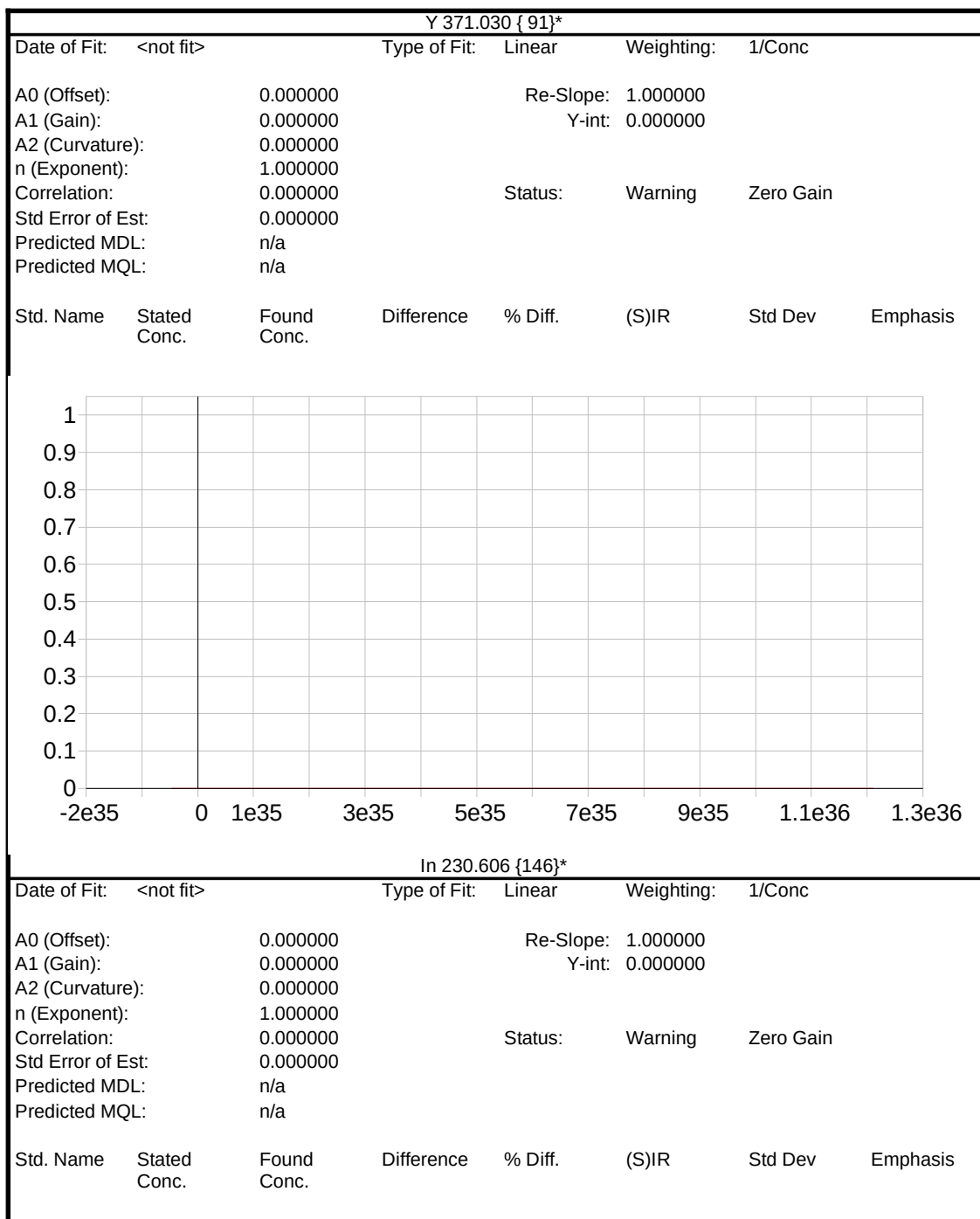


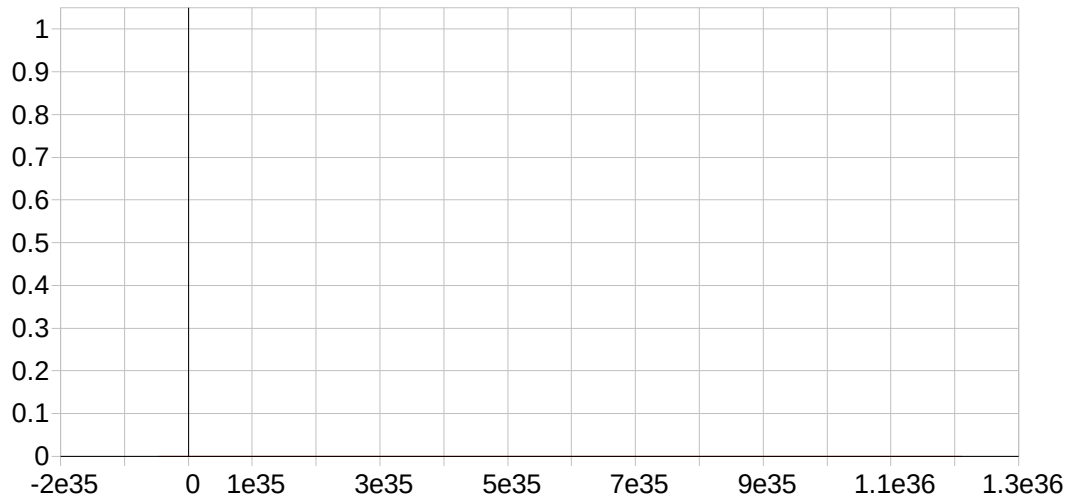
Y 224.306 {450}*

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

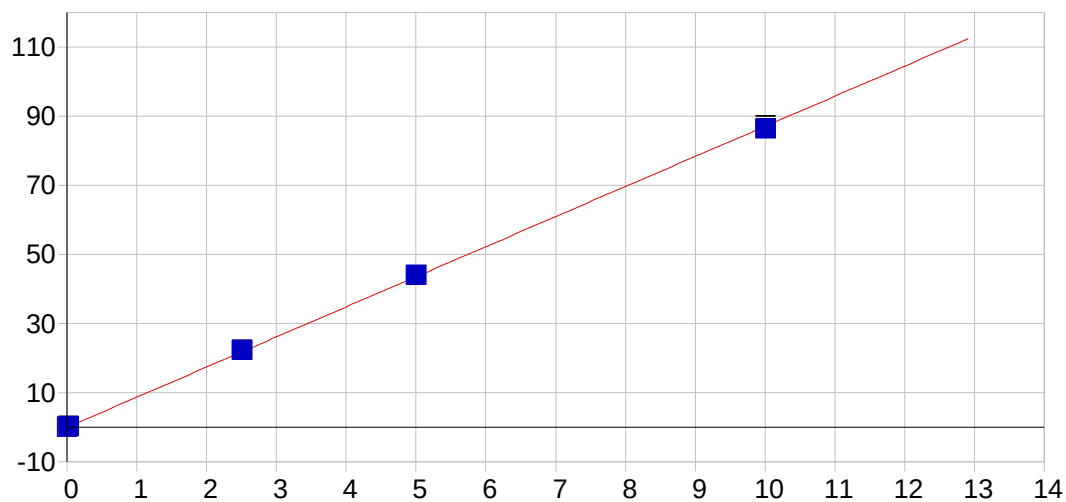
Status: Warning Zero Gain

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



Sr 407.771 { 83}

Date of Fit: 4/4/2019 12:52:25

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.005350

Re-Slope: 1.000000

A1 (Gain): 8.707624

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999935

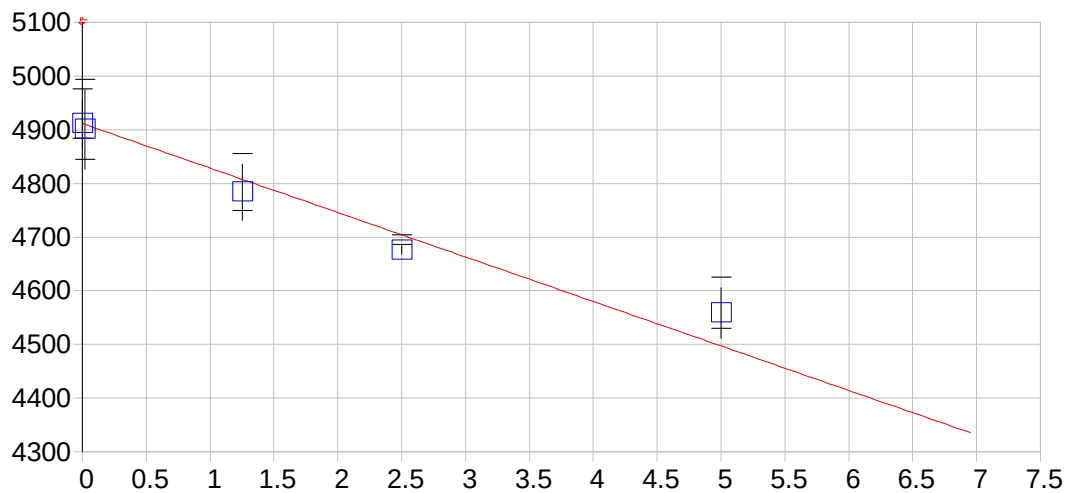
Status: OK.

Std Error of Est: 0.002395

Predicted MDL: 0.000095

Predicted MQL: 0.000317

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00536	.001	1
S1	.02000	.02132	.001	6.61	.18127	.000	1
S3	2.5000	2.5463	.046	1.85	22.191	.043	1
S4	5.0000	5.0467	.047	.934	43.987	.091	1
S5	10.000	9.9057	-.094	-.943	86.345	.872	1

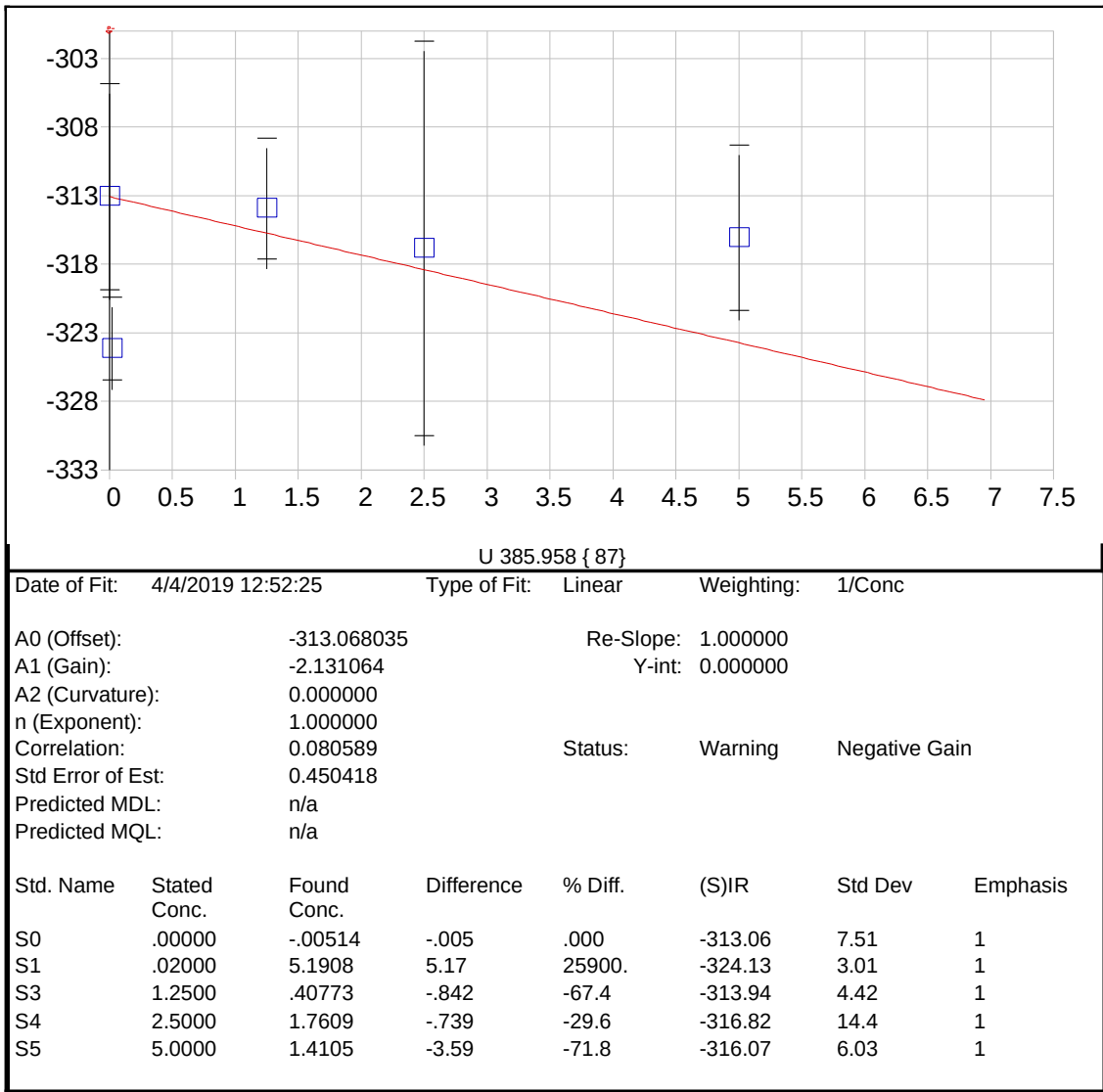


U 367.007 { 92 }

Date of Fit: 4/4/2019 12:52:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 4911.360911 Re-Slope: 1.000000
A1 (Gain): -82.846142 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.953911 Status: Warning Negative Gain
Std Error of Est: 0.445374
Predicted MDL: n/a
Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00012	-.000	.000	4911.4	46.1	1
S1	.02000	.13343	.113	567.	4900.3	74.3	1
S3	1.2500	1.5403	.290	23.2	4783.8	52.9	1
S4	2.5000	2.8393	.339	13.6	4676.1	9.38	1
S5	5.0000	4.2569	-.743	-14.9	4558.7	47.4	1



Sample Name: S0 Acquired: 4/4/2019 11:53:49 Type: Cal
Method: P4-ICP2(v3020) 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	-.00016	-.00005	.00293	.00003	.00086	.00055	-.00152	-.00009
Stddev	.00010	.00011	.00003	.00010	.00003	.00006	.00006	.00005
%RSD	61.469	219.82	1.1387	306.02	3.8101	10.430	3.6405	57.052

#1	-.00020	-.00018	.00290	.00015	.00084	.00049	-.00158	-.00003
#2	-.00024	.00002	.00296	.00000	.00090	.00061	-.00151	-.00014
#3	-.00005	.00001	.00291	-.00005	.00085	.00056	-.00147	-.00011

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	-.00132	.00043	-.00018	-.00040	.00850	.00150	.00128	.00007
Stddev	.00005	.00052	.00002	.00010	.00008	.00006	.00005	.00002
%RSD	3.5277	119.35	8.4608	24.596	.91987	4.0411	3.6141	22.977

#1	-.00135	.00095	-.00017	-.00050	.00859	.00145	.00122	.00008
#2	-.00126	-.00008	-.00018	-.00030	.00846	.00149	.00129	.00009
#3	-.00134	.00043	-.00020	-.00039	.00846	.00157	.00131	.00005

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	-.00375	-.00024	.00772	-.00002	.00335	-.00201	.00025	.00002
Stddev	.00004	.00003	.00009	.00004	.00010	.00020	.00010	.00002
%RSD	.97665	12.935	1.1548	203.95	2.9762	10.147	40.595	72.148

#1	-.00377	-.00021	.00775	.00000	.00346	-.00200	.00027	.00003
#2	-.00371	-.00027	.00762	.00001	.00329	-.00181	.00034	.00000
#3	-.00377	-.00025	.00779	-.00007	.00329	-.00222	.00014	.00004

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	.00044	.01129	.00110	.00137	.03058	-.0029	-.00536	4911.4
Stddev	.00009	.00056	.00002	.00051	.00107	.0001	.00071	46.1
%RSD	19.868	4.9376	2.1037	37.587	3.5090	1.793	13.196	.93804

#1	.00035	.01074	.00111	.00084	.02966	-.0029	-.00495	4892.5
#2	.00044	.01186	.00111	.00186	.03032	-.0030	-.00618	4963.9
#3	.00053	.01128	.00107	.00141	.03176	-.0029	-.00497	4877.7

Sample Name: S0 Acquired: 4/4/2019 11:53:49 Type: Cal
 Method: P4-ICP2(v3020) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-313.06
Stddev	7.51
%RSD	2.3981

#1	-305.95
#2	-312.31
#3	-320.91

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3987.9	72225.	6565.8	98.528	5732.9
Stddev	9.6	372.	54.9	1.410	21.3
%RSD	.24178	.51521	.83540	1.4306	.37074

#1	3976.9	72091.	6502.5	100.13	5710.9
#2	3992.6	72645.	6600.2	98.000	5753.3
#3	3994.4	71938.	6594.6	97.458	5734.5

Sample Name: S1 Acquired: 4/4/2019 11:58:14 Type: Cal
Method: P4-ICP2(v3020) 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	.00130	.00487	.00555	.00112	.00759	.00120	.03239	.00398
Stddev	.00006	.00006	.00022	.00007	.00008	.00004	.00009	.00002
%RSD	4.5067	1.1802	3.9736	6.2072	1.0395	3.6872	.28334	.46189

#1	.00132	.00492	.00536	.00119	.00766	.00115	.03246	.00399
#2	.00123	.00489	.00579	.00110	.00751	.00123	.03229	.00400
#3	.00133	.00481	.00551	.00106	.00761	.00121	.03242	.00396

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	.01625	.00125	.02395	.02338	.01087	.01984	.01159	.00129
Stddev	.00006	.00005	.00030	.00014	.00003	.00009	.00025	.00008
%RSD	.36897	4.2747	1.2723	.60864	.26444	.45234	2.1307	5.9125

#1	.01623	.00120	.02429	.02327	.01085	.01974	.01161	.00120
#2	.01631	.00130	.02386	.02334	.01087	.01992	.01134	.00134
#3	.01619	.00125	.02370	.02354	.01091	.01985	.01183	.00132

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	.00465	.07457	.13067	.00016	.00087	.11646	.00612	.01111
Stddev	.00007	.00029	.00041	.00002	.00005	.00100	.00012	.00026
%RSD	1.5209	.39154	.31199	12.504	6.0342	.85989	1.9295	2.3828

#1	.00457	.07489	.13112	.00015	.00082	.11577	.00619	.01090
#2	.00470	.07452	.13033	.00014	.00092	.11599	.00618	.01141
#3	.00468	.07431	.13057	.00018	.00085	.11761	.00598	.01102

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.05121	-.0019	.18127	4900.3	-324.13
Stddev	.00119	.0001	.00036	74.3	3.01
%RSD	2.3214	3.508	.20095	1.5155	.92839

#1	.05008	-.0019	.18090	4905.1	-321.09
#2	.05245	-.0019	.18163	4823.8	-327.11
#3	.05110	-.0020	.18129	4972.1	-324.19

Sample Name: S1 Acquired: 4/4/2019 11:58:14 Type: Cal
 Method: P4-ICP2(v3020) 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	3988.0	72554.	6613.2	97.333	5686.5
Stddev	6.9	181.	39.8	1.620	20.0
%RSD	.17372	.24996	.60126	1.6648	.35223
#1	3980.3	72351.	6577.9	95.558	5665.2
#2	3990.2	72611.	6656.3	98.733	5689.1
#3	3993.7	72700.	6605.4	97.708	5705.0

Sample Name: S2 Acquired: 4/4/2019 12:02:40 Type: Cal
 Method: P4-ICP2(v3020) 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	.07112	.00141	.04339	.00660
Stddev	.00097	.00002	.00014	.00019
%RSD	1.3607	1.4905	.32483	2.8711

#1	.07016	.00143	.04323	.00675
#2	.07209	.00139	.04348	.00666
#3	.07110	.00140	.04347	.00639

Int. Std.	Y_3600	Y_3710
Units	Cts/S	Cts/S
Avg	74401.	6766.0
Stddev	166.	14.7
%RSD	.22330	.21680

#1	74288.	6749.2
#2	74322.	6772.8
#3	74591.	6776.1

Sample Name: S3 Acquired: 4/4/2019 12:06:53 Type: Cal
Method: P4-ICP2(v3020) 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	.17117	.30520	.55742	.12711	.32927	.02956	1.5837	.07928
Stddev	.00018	.00039	.00061	.00047	.00042	.00023	.0126	.00034
%RSD	.10547	.12795	.11024	.36592	.12875	.77670	.79221	.42287
#1	.17096	.30563	.55695	.12725	.32929	.02975	1.5891	.07967
#2	.17123	.30509	.55812	.12749	.32884	.02964	1.5925	.07912
#3	.17131	.30487	.55720	.12659	.32969	.02931	1.5693	.07905
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	3.6333	.44624	.06611	1.0233	.44878	.21486	1.0389	.00850
Stddev	.0045	.00385	.00011	.0015	.00065	.00030	.0050	.00009
%RSD	.12353	.86256	.16107	.14451	.14410	.13790	.47843	1.0241
#1	3.6282	.44370	.06620	1.0217	.44935	.21500	1.0437	.00860
#2	3.6356	.44436	.06613	1.0245	.44892	.21452	1.0392	.00844
#3	3.6363	.45067	.06599	1.0238	.44808	.21506	1.0338	.00845
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	.47286	.08774	.24467	.14032	2.2556	.05357	1.5394	.00352
Stddev	.00158	.00033	.00167	.00047	.0017	.00049	.0013	.00004
%RSD	.33491	.37407	.68287	.33589	.07720	.91795	.08699	1.0018
#1	.47278	.08811	.24500	.14045	2.2563	.05363	1.5409	.00352
#2	.47449	.08748	.24615	.13980	2.2568	.05404	1.5388	.00356
#3	.47132	.08764	.24286	.14072	2.2536	.05306	1.5384	.00349
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	.06948	.65757	.32529	.55954	2.9379	.1337	22.191	4783.8
Stddev	.00024	.00322	.00074	.00156	.0130	.0004	.043	52.9
%RSD	.34191	.48976	.22629	.27884	.44235	.3076	.19502	1.1065
#1	.06967	.65822	.32522	.55830	2.9528	.1337	22.234	4842.9
#2	.06957	.65407	.32606	.55904	2.9316	.1341	22.192	4767.5
#3	.06921	.66041	.32459	.56129	2.9292	.1333	22.147	4740.9

Sample Name: S3 Acquired: 4/4/2019 12:06:53 Type: Cal
 Method: P4-ICP2(v3020) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-313.94
Stddev	4.42
%RSD	1.4066

#1	-312.13
#2	-310.71
#3	-318.97

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3946.6	72576.	6607.1	95.680	5376.8
Stddev	4.8	329.	25.9	.659	6.1
%RSD	.12282	.45297	.39196	.68874	.11358

#1	3942.2	72310.	6599.2	96.312	5372.1
#2	3945.9	72475.	6636.1	94.997	5374.5
#3	3951.8	72943.	6586.1	95.731	5383.7

Sample Name: S4 Acquired: 4/4/2019 12:10:52 Type: Cal
Method: P4-ICP2(v3020) 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	.34329	.60980	1.1132	.25360	.65346	.05923	3.1863	.15772
Stddev	.00055	.00036	.0032	.00056	.00103	.00034	.0012	.00051
%RSD	.15899	.05982	.28305	.22056	.15704	.56777	.03824	.32562
#1	.34377	.61022	1.1168	.25423	.65404	.05888	3.1872	.15715
#2	.34270	.60958	1.1118	.25340	.65406	.05956	3.1849	.15784
#3	.34341	.60959	1.1109	.25317	.65228	.05926	3.1867	.15815
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7.3572	.88260	.13095	2.0610	.86942	.42242	2.0452	.01684
Stddev	.0124	.00277	.00038	.0039	.00143	.00093	.0066	.00007
%RSD	.16915	.31381	.29322	.18845	.16475	.22003	.32293	.39146
#1	7.3714	.87943	.13061	2.0653	.86919	.42193	2.0441	.01682
#2	7.3523	.88388	.13137	2.0597	.87095	.42349	2.0523	.01678
#3	7.3480	.88450	.13088	2.0579	.86811	.42182	2.0392	.01691
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	.95165	.17355	.48640	.27947	4.5800	.10958	3.0488	.00719
Stddev	.00175	.00053	.00054	.00049	.0082	.00044	.0022	.00001
%RSD	.18423	.30414	.11148	.17545	.17844	.40543	.07215	.19893
#1	.95337	.17409	.48579	.28000	4.5894	.10908	3.0511	.00718
#2	.95172	.17354	.48685	.27939	4.5764	.10973	3.0485	.00721
#3	.94987	.17303	.48655	.27903	4.5743	.10993	3.0467	.00719
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	.14417	1.2879	.65281	1.1099	5.7755	.2790	43.987	4676.1
Stddev	.00057	.0054	.00085	.0027	.0228	.0005	.091	9.4
%RSD	.39761	.41784	.12976	.23955	.39526	.1720	.20735	.20062
#1	.14394	1.2873	.65367	1.1079	5.7547	.2793	43.882	4680.7
#2	.14375	1.2936	.65278	1.1129	5.7999	.2785	44.044	4682.3
#3	.14482	1.2829	.65197	1.1088	5.7720	.2793	44.036	4665.3

Sample Name: S4 Acquired: 4/4/2019 12:10:52 Type: Cal
Method: P4-ICP2(v3020) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-316.82
Stddev	14.39
%RSD	4.5404

#1	-316.69
#2	-302.50
#3	-331.27

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3915.3	72066.	6657.4	94.835	5194.0
Stddev	11.9	127.	9.1	1.582	20.4
%RSD	.30455	.17567	.13728	1.6680	.39331

#1	3901.6	71946.	6661.0	95.632	5170.8
#2	3920.8	72053.	6647.1	93.013	5202.1
#3	3923.5	72198.	6664.3	95.860	5209.1

Sample Name: S5 Acquired: 4/4/2019 12:14:51 Type: Cal
Method: P4-ICP2(v3020) 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	.68484	1.2062	2.2328	.50304	1.2945	.11792	6.3663	.31127
Stddev	.00104	.0042	.0024	.00091	.0009	.00081	.0983	.00025
%RSD	.15144	.34570	.10694	.18012	.06824	.68647	1.5437	.08079
#1	.68398	1.2064	2.2341	.50306	1.2948	.11880	6.4624	.31100
#2	.68454	1.2019	2.2300	.50213	1.2935	.11721	6.3704	.31150
#3	.68599	1.2102	2.2342	.50394	1.2951	.11775	6.2660	.31130
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	14.794	1.7221	.25619	4.1671	1.6867	.82184	3.9300	.03357
Stddev	.015	.0099	.00021	.0043	.0009	.00016	.0260	.00032
%RSD	.09812	.57531	.08108	.10299	.05440	.01895	.66171	.94427
#1	14.805	1.7136	.25605	4.1717	1.6859	.82179	3.9537	.03385
#2	14.777	1.7330	.25610	4.1632	1.6867	.82171	3.9022	.03363
#3	14.799	1.7199	.25643	4.1664	1.6877	.82201	3.9342	.03323
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	1.9083	.34292	.97257	.55440	9.2853	.22160	6.0021	.01434
Stddev	.0025	.00056	.00459	.00077	.0047	.00174	.0063	.00011
%RSD	.13167	.16361	.47207	.13940	.05046	.78536	.10582	.73383
#1	1.9087	.34338	.97779	.55529	9.2888	.22322	5.9953	.01446
#2	1.9056	.34308	.97071	.55400	9.2800	.21976	6.0032	.01431
#3	1.9105	.34229	.96919	.55391	9.2872	.22181	6.0079	.01426
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	.29843	2.4992	1.3197	2.1766	11.391	.5740	86.345	4558.7
Stddev	.00049	.0232	.0025	.0084	.079	.0011	.872	47.4
%RSD	.16265	.92928	.18712	.38594	.69141	.1986	1.0101	1.0407
#1	.29799	2.4725	1.3189	2.1673	11.343	.5737	85.473	4569.6
#2	.29836	2.5151	1.3178	2.1789	11.349	.5730	86.345	4599.7
#3	.29895	2.5099	1.3225	2.1836	11.482	.5752	87.217	4506.7

Sample Name: S5 Acquired: 4/4/2019 12:14:51 Type: Cal
 Method: P4-ICP2(v3020) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-316.07
Stddev	6.03
%RSD	1.9065

#1	-321.40
#2	-309.53
#3	-317.29

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3827.2	71182.	6668.0	92.975	4926.1
Stddev	5.8	362.	33.4	1.547	10.4
%RSD	.15090	.50907	.50116	1.6637	.21183

#1	3821.0	70767.	6706.2	93.353	4914.3
#2	3828.2	71348.	6653.6	94.298	4934.0
#3	3832.4	71432.	6644.2	91.274	4930.0

Sample Name: ICV01 Acquired: 4/4/2019 12:35:59 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0118	1.0483	1.0088	1.0154	1.0101	2.5716	.50444	.49200
Stddev	.0048	.0031	.0044	.0054	.0059	.0161	.00242	.00043
%RSD	.47615	.29273	.43567	.53302	.58679	.62682	.48004	.08678
#1	1.0080	1.0495	1.0125	1.0163	1.0168	2.5835	.50529	.49213
#2	1.0103	1.0506	1.0099	1.0203	1.0076	2.5780	.50632	.49234
#3	1.0172	1.0448	1.0039	1.0096	1.0058	2.5533	.50170	.49152
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48913	10.372	.51300	.50522	.51299	5.2494	.51738	6.0714
Stddev	.00019	.022	.00216	.00243	.00175	.0059	.00226	.0521
%RSD	.03811	.21114	.42186	.48044	.34203	.11211	.43630	.85803
#1	.48912	10.349	.51513	.50755	.51502	5.2555	.51984	6.1307
#2	.48931	10.392	.51081	.50541	.51209	5.2438	.51691	6.0504
#3	.48894	10.374	.51307	.50271	.51187	5.2489	.51540	6.0330
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.52209	.51582	9.9205	.50040	.99365	10.083	2.5394	2.5125
Stddev	.00181	.00178	.0403	.00061	.00099	.072	.0034	.0187
%RSD	.34581	.34441	.40573	.12096	.09974	.71339	.13354	.74284
#1	.52406	.51630	9.9487	.50011	.99478	10.143	2.5365	2.5134
#2	.52171	.51730	9.9382	.49999	.99295	10.104	2.5431	2.5307
#3	.52051	.51385	9.8744	.50109	.99320	10.003	2.5385	2.4934
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4242	2.4582	2.5025	2.5834	F 2.2910	F .0000	2.4935	F 2.9804
Stddev	.0126	.0243	.0068	.0045	.0209	.0010	.0160	.1053
%RSD	.51812	.98871	.26994	.17395	.91192	8132.	.64092	3.5315
#1	2.4259	2.4463	2.5034	2.5800	2.2823	.0001	2.4841	2.8980
#2	2.4358	2.4420	2.5088	2.5816	2.2759	-.0010	2.4843	2.9441
#3	2.4109	2.4861	2.4953	2.5885	2.3148	.0009	2.5119	3.0989

Sample Name: ICV01 Acquired: 4/4/2019 12:35:59 Type: Unk
 Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 8.9329
Stddev	2.6910
%RSD	30.125

#1	10.775
#2	5.8447
#3	10.179

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3956.3	72976.	6700.1	98.943	5431.1
Stddev	8.9	273.	45.3	2.734	19.6
%RSD	.22521	.37342	.67676	2.7630	.36047

#1	3948.7	72699.	6725.6	100.59	5414.0
#2	3954.1	72987.	6727.0	100.45	5426.9
#3	3966.1	73243.	6647.7	95.788	5452.5

Sample Name: LLICV01 Acquired: 4/4/2019 12:55:28 Type: Unk
Method: P4-ICP2(v3020) 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	.01970	.04055	.01217	.01821	.05317	.10930	.10709
Stddev	.00183	.00141	.00065	.00369	.00118	.00963	.00085
%RSD	9.2813	3.4734	5.3693	20.251	2.2233	8.8095	.79108

#1	.02105	.04056	.01260	.02025	.05247	.11691	.10639
#2	.02043	.04196	.01248	.02043	.05250	.11251	.10803
#3	.01762	.03914	.01142	.01396	.05453	.09848	.10684

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00650	.00594	2.1351	.01076	.02999	.02179	.11277
Stddev	.00009	.00001	.0121	.00019	.00009	.00015	.00169
%RSD	1.3814	.22277	.56533	1.8111	.30631	.67729	1.4980

#1	.00641	.00594	2.1281	.01092	.03003	.02186	.11108
#2	.00649	.00595	2.1282	.01080	.02989	.02162	.11278
#3	.00659	.00592	2.1491	.01054	.03006	.02188	.11446

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02242	2.0815	.04075	.01120	1.9035	.04118	.03947
Stddev	.00026	.0113	.00030	.00013	.0027	.00100	.00008
%RSD	1.1389	.54438	.73230	1.1367	.14206	2.4221	.21427

#1	.02221	2.0776	.04070	.01108	1.9004	.04094	.03951
#2	.02235	2.0943	.04107	.01117	1.9053	.04033	.03954
#3	.02271	2.0727	.04048	.01133	1.9049	.04228	.03938

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0030	.21629	.10400	.02235	.41109	.04143	.04168
Stddev	.0380	.00039	.00907	.00483	.00665	.00033	.00142
%RSD	1.8958	.18241	8.7224	21.613	1.6165	.79493	3.4025

#1	1.9987	.21600	.09469	.01898	.40819	.04144	.04306
#2	1.9674	.21614	.11281	.02788	.40638	.04110	.04022
#3	2.0429	.21674	.10450	.02018	.41869	.04176	.04177

Sample Name: LLICV01 Acquired: 4/4/2019 12:55:28 Type: Unk
 Method: P4-ICP2(v3020) 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	.01885	F .0156	.02150	F 2.8855	F<.00000
Stddev	.00094	.0014	.00011	.3863	3.6128
%RSD	4.9731	9.080	.51272	13.389	40.196

#1	.01895	.0163	.02141	3.2114	-13.154
#2	.01973	.0140	.02163	2.9862	-7.1022
#3	.01787	.0165	.02147	2.4588	-6.7084

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3973.9	73237.	6669.2	96.394	5620.9
Stddev	1.2	225.	25.2	.679	7.5
%RSD	.03125	.30670	.37796	.70426	.13353

#1	3973.5	73266.	6657.5	96.067	5617.2
#2	3972.9	73000.	6698.2	97.175	5616.0
#3	3975.3	73446.	6652.0	95.942	5629.5

Sample Name: ICB01 Acquired: 4/4/2019 13:01:54 Type: Unk
Method: P4-ICP2(v3020) 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	.00058	-.00051	.00013	-.00117	.00081	.00089	.00029
Stddev	.00038	.00106	.00004	.00294	.00060	.00934	.00040
%RSD	64.799	205.94	28.465	250.77	73.979	1051.8	135.49

#1	.00019	-.00081	.00017	-.00332	.00150	-.00498	-.00003
#2	.00095	.00066	.00009	-.00239	.00050	.01166	.00074
#3	.00061	-.00140	.00012	.00218	.00043	-.00401	.00018

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.00005	.00393	-.00003	.00005	-.00052	.00618
Stddev	.00001	.00003	.01296	.00008	.00017	.00021	.00032
%RSD	39.330	58.655	330.00	246.67	329.77	41.146	5.1939

#1	.00002	-.00008	.01563	.00003	.00005	-.00040	.00616
#2	.00003	-.00003	.00616	-.00000	-.00012	-.00038	.00587
#3	.00004	-.00004	-.01001	-.00013	.00023	-.00076	.00651

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	.01906	-.00021	.00064	-.24187	.00014	-.00051
Stddev	.00007	.02405	.00036	.00040	.01109	.00033	.00008
%RSD	52.446	126.17	173.16	62.867	4.5849	233.38	14.989

#1	-.00021	.02327	.00019	.00019	-.25405	-.00020	-.00051
#2	-.00012	.04074	-.00030	.00077	-.23918	.00016	-.00043
#3	-.00007	-.00681	-.00050	.00096	-.23237	.00046	-.00059

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.08492	-.00008	-.01834	.00179	.00089	-.00079	.00146
Stddev	.05254	.00003	.00745	.00339	.00092	.00021	.00031
%RSD	61.869	31.500	40.626	189.30	104.05	25.943	20.953

#1	-.03103	-.00008	-.00982	.00423	-.00017	-.00097	.00111
#2	-.08775	-.00006	-.02362	.00323	.00129	-.00084	.00162
#3	-.13600	-.00011	-.02159	-.00208	.00154	-.00057	.00165

Sample Name: ICB01 Acquired: 4/4/2019 13:01:54 Type: Unk
 Method: P4-ICP2(v3020) 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	-.00323	-.0010	.00012	F 2.3868	F<.00000
Stddev	.00138	.0008	.00005	.5299	3.3204
%RSD	42.552	81.53	40.866	22.199	36.127

#1	-.00312	-.0015	.00008	2.4587	-12.111
#2	-.00192	-.0013	.00017	2.8771	-9.8824
#3	-.00466	-.0001	.00011	1.8247	-5.5792

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4013.2	73803.	6627.6	98.747	5707.0
Stddev	12.8	139.	49.5	2.099	14.0
%RSD	.31847	.18860	.74676	2.1254	.24597

#1	3998.8	73780.	6573.4	96.325	5691.3
#2	4023.2	73953.	6639.1	99.892	5718.2
#3	4017.6	73677.	6670.4	100.03	5711.5

Sample Name: CRI01 Acquired: 4/4/2019 13:06:22 Type: Unk
Method: P4-ICP2(v3020) 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	.02095	.04020	.01182	.01905	.05150	.10365	.10440
Stddev	.00086	.00121	.00106	.00234	.00108	.00502	.00045
%RSD	4.0924	3.0058	8.9723	12.278	2.1045	4.8408	.43440

#1	.02194	.03961	.01299	.01718	.05105	.09791	.10388
#2	.02044	.03939	.01157	.02167	.05072	.10581	.10461
#3	.02047	.04159	.01091	.01829	.05274	.10723	.10471

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00634	.00584	2.1049	.01049	.02946	.02106	.11218
Stddev	.00006	.00007	.0093	.00016	.00004	.00038	.00123
%RSD	.90565	1.1473	.44366	1.5635	.12973	1.8097	1.0943

#1	.00630	.00589	2.0974	.01039	.02943	.02150	.11121
#2	.00641	.00587	2.1154	.01040	.02944	.02080	.11176
#3	.00632	.00577	2.1020	.01068	.02950	.02088	.11356

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02187	2.0475	.04034	.01097	1.8186	.04085	.03863
Stddev	.00011	.0749	.00055	.00048	.0034	.00035	.00013
%RSD	.50467	3.6582	1.3567	4.3443	.18768	.86000	.32628

#1	.02176	2.0650	.04072	.01050	1.8151	.04047	.03849
#2	.02187	2.1121	.03971	.01095	1.8186	.04089	.03874
#3	.02198	1.9654	.04058	.01145	1.8220	.04117	.03864

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9306	.21185	.09505	.01903	.40931	.03794	.04279
Stddev	.0182	.00064	.00888	.00367	.00247	.00062	.00191
%RSD	.94121	.29996	9.3402	19.306	.60358	1.6376	4.4731

#1	1.9502	.21256	.09195	.01811	.41216	.03817	.04258
#2	1.9143	.21134	.08813	.01591	.40780	.03724	.04099
#3	1.9273	.21164	.10506	.02308	.40796	.03841	.04481

Sample Name: CRI01 Acquired: 4/4/2019 13:06:22 Type: Unk
 Method: P4-ICP2(v3020) 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	F .01278	.0164	.02111	F 2.2213	F<.00000
Stddev	.00148	.0015	.00008	.4787	3.6169
%RSD	11.543	8.851	.38093	21.549	37.334
#1	.01337	.0151	.02108	2.7214	-7.6483
#2	.01110	.0162	.02104	2.1752	-13.864
#3	.01387	.0180	.02120	1.7674	-7.5517
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4047.1	74751.	6682.5	98.258	5718.2
Stddev	3.3	257.	35.1	.453	1.5
%RSD	.08031	.34445	.52485	.46087	.02691
#1	4048.7	74472.	6654.8	98.350	5716.7
#2	4049.3	74803.	6670.8	98.658	5719.8
#3	4043.4	74979.	6722.0	97.767	5718.0

Sample Name: ICSA01 Acquired: 4/4/2019 13:10:47 Type: Unk
 Method: P4-ICP2(v3020) 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	-.00884	.00341	.00467	.00698	.01019	270.08	.00709	.00026
Stddev	.00331	.00170	.00151	.00441	.00093	1.40	.00030	.00006
%RSD	37.395	49.956	32.373	63.140	9.1068	.51671	4.2086	21.931

#1	-.01212	.00211	.00295	.00856	.01082	268.47	.00684	.00032
#2	-.00890	.00278	.00579	.01038	.00912	270.85	.00742	.00024
#3	-.00551	.00534	.00526	.00200	.01062	270.92	.00701	.00021

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00070	249.40	.04713	-.00059	.01245	95.878	.01412	271.55
Stddev	.00012	1.43	.00097	.00012	.00046	.431	.00017	1.95
%RSD	17.581	.57456	2.0518	20.825	3.7181	.44912	1.2372	.71754

#1	-.00082	250.61	.04617	-.00046	.01217	96.299	.01401	269.33
#2	-.00058	249.77	.04811	-.00062	.01298	95.439	.01432	272.98
#3	-.00069	247.82	.04710	-.00071	.01219	95.897	.01402	272.33

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00165	-.00438	-.18485	.00222	-.01626	-.07711	-.00012	-.01286
Stddev	.00023	.00048	.00638	.00023	.00007	.03273	.00025	.01219
%RSD	13.904	10.927	3.4501	10.516	.40549	42.450	212.15	94.720

#1	-.00172	-.00386	-.19222	.00249	-.01631	-.05745	-.00041	-.01364
#2	-.00184	-.00480	-.18107	.00210	-.01618	-.05898	.00004	-.00031
#3	-.00139	-.00448	-.18128	.00206	-.01629	-.11490	.00001	-.02465

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01280	-.00582	.00371	-.00196	.00461	.0004	-.00215	6.9399
Stddev	.00807	.00096	.00045	.00122	.00149	.0027	.00047	.1741
%RSD	63.033	16.543	12.214	61.985	32.356	631.5	21.671	2.5080

#1	.01448	-.00688	.00320	-.00210	.00542	.0028	-.00263	6.9351
#2	.01989	-.00500	.00385	-.00311	.00289	-.0025	-.00170	6.7684
#3	.00402	-.00558	.00407	-.00069	.00552	.0010	-.00214	7.1164

Sample Name: ICSA01 Acquired: 4/4/2019 13:10:47 Type: Unk
 Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 11.194
 Stddev 4.804
 %RSD 42.915

#1 9.3379
 #2 16.650
 #3 7.5957

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3671.8	68404.	6601.3	92.299	4644.5
Stddev	11.1	65.	72.3	1.886	8.7
%RSD	.30255	.09487	1.0946	2.0433	.18813

#1	3664.1	68375.	6522.8	92.830	4636.6
#2	3666.9	68358.	6616.0	93.862	4643.0
#3	3684.6	68478.	6665.1	90.204	4653.9

Sample Name: ICSAB01 Acquired: 4/4/2019 13:27:33 Type: Unk
Method: P4-ICP2(v3020) 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	.09343	.10949	.05564	.05826	.63484	265.29	.54465	.53765
Stddev	.00212	.00132	.00104	.00223	.00104	.44	.00081	.00083
%RSD	2.2739	1.2085	1.8647	3.8207	.16388	.16513	.14943	.15464

#1	.09368	.11049	.05475	.05677	.63447	265.33	.54468	.53778
#2	.09543	.11000	.05678	.06082	.63404	264.83	.54382	.53842
#3	.09120	.10799	.05539	.05720	.63602	265.71	.54545	.53677

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0091	243.70	.54589	.51080	.51018	93.680	.51850	265.93
Stddev	.0005	1.81	.00156	.00087	.00079	.505	.00248	.33
%RSD	.05024	.74444	.28575	.17071	.15564	.53912	.47839	.12415

#1	1.0096	245.75	.54689	.51170	.51003	93.905	.51786	265.60
#2	1.0092	243.01	.54669	.51076	.51104	93.102	.51640	266.26
#3	1.0086	242.32	.54410	.50996	.50948	94.035	.52123	265.93

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0114	.20734	-.17605	.51135	1.0807	-.04343	1.0946	1.1540
Stddev	.0001	.00044	.00333	.00076	.0001	.00786	.0018	.0086
%RSD	.00850	.20981	1.8942	.14793	.01387	18.100	.16251	.74647

#1	1.0113	.20784	-.17322	.51196	1.0809	-.03999	1.0944	1.1442
#2	1.0115	.20705	-.17972	.51158	1.0808	-.03787	1.0965	1.1572
#3	1.0114	.20712	-.17520	.51050	1.0806	-.05242	1.0930	1.1605

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1846	1.0132	1.1322	1.1126	1.0274	F .0013	.94931	7.6771
Stddev	.0062	.0118	.0009	.0067	.0086	.0004	.00723	.7938
%RSD	.52367	1.1688	.08327	.60287	.83334	31.10	.76133	10.340

#1	1.1825	1.0262	1.1316	1.1163	1.0371	.0011	.95626	8.0949
#2	1.1915	1.0101	1.1333	1.1049	1.0242	.0010	.94981	8.1747
#3	1.1796	1.0031	1.1316	1.1166	1.0209	.0018	.94184	6.7616

Sample Name: ICSAB01 Acquired: 4/4/2019 13:27:33 Type: Unk
 Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	8.6327
Stddev	2.1772
%RSD	25.220

#1	10.855
#2	6.5033
#3	8.5401

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3624.6	67995.	6556.3	89.625	4582.8
Stddev	5.1	139.	65.4	.875	7.0
%RSD	.13987	.20487	.99744	.97663	.15359

#1	3620.4	67845.	6484.8	90.490	4575.9
#2	3623.1	68120.	6571.2	88.740	4582.4
#3	3630.2	68019.	6613.1	89.644	4590.0

Sample Name: CCV01 Acquired: 4/4/2019 13:31:56 Type: Unk
Method: P4-ICP2(v3020) 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	5.0826	4.9646	5.0543	5.0913	5.0250	9.9375	10.052	.25259
Stddev	.0173	.0306	.0020	.0118	.0133	.0429	.020	.00056
%RSD	.34079	.61715	.03964	.23202	.26436	.43138	.20202	.22065
#1	5.0627	4.9513	5.0535	5.0794	5.0097	9.9673	10.073	.25314
#2	5.0910	4.9429	5.0566	5.0915	5.0334	9.9567	10.049	.25262
#3	5.0941	4.9997	5.0528	5.1030	5.0320	9.8883	10.032	.25202
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4972	25.391	.98791	2.5132	1.2738	5.0498	2.4909	25.135
Stddev	.0033	.125	.00259	.0020	.0014	.0046	.0101	.153
%RSD	.13249	.49290	.26211	.07921	.11004	.09007	.40533	.60686
#1	2.4962	25.258	.98522	2.5152	1.2723	5.0452	2.4803	25.058
#2	2.5009	25.410	.98815	2.5132	1.2751	5.0498	2.4920	25.310
#3	2.4946	25.506	.99038	2.5112	1.2739	5.0543	2.5004	25.036
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5246	1.2506	24.819	2.5008	2.5207	24.711	5.0421	4.9424
Stddev	.0047	.0023	.036	.0002	.0024	.026	.0103	.0199
%RSD	.18438	.18594	.14342	.00919	.09491	.10397	.20383	.40331
#1	2.5264	1.2519	24.849	2.5006	2.5212	24.740	5.0308	4.9200
#2	2.5282	1.2480	24.829	2.5010	2.5228	24.703	5.0508	4.9488
#3	2.5194	1.2520	24.780	2.5008	2.5181	24.691	5.0449	4.9584
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0129	5.0432	5.0046	5.0916	4.9822	5.013	5.0793	F 6.6712
Stddev	.0321	.0282	.0072	.0141	.0100	.028	.0138	.3335
%RSD	.64132	.55965	.14356	.27614	.20082	.5477	.27225	4.9998
#1	5.0182	5.0230	5.0016	5.0822	4.9859	5.008	5.0775	6.9772
#2	4.9784	5.0311	4.9995	5.0849	4.9709	4.989	5.0665	6.7208
#3	5.0420	5.0754	5.0129	5.1078	4.9898	5.043	5.0940	6.3157

Sample Name: CCV01 Acquired: 4/4/2019 13:31:56 Type: Unk
 Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 3.1097
Stddev	3.3298
%RSD	107.08

#1	6.5554
#2	-.09065
#3	2.8644

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3898.5	72743.	6654.7	94.714	5142.4
Stddev	7.5	90.	12.1	.792	16.0
%RSD	.19147	.12350	.18239	.83643	.31053

#1	3896.0	72686.	6667.3	95.458	5129.3
#2	3892.5	72696.	6653.8	93.881	5137.6
#3	3906.8	72846.	6643.1	94.801	5160.2

Sample Name: LLCCV01 Acquired: 4/4/2019 13:36:01 Type: Unk
Method: P4-ICP2(v3020) 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	.01969	.04031	.01280	.02121	.05456	.09982	.10727
Stddev	.00124	.00041	.00064	.00147	.00199	.00351	.00295
%RSD	6.3109	1.0056	5.0054	6.9194	3.6514	3.5212	2.7464

#1	.01980	.04078	.01206	.02233	.05683	.10343	.11066
#2	.02088	.04007	.01318	.01955	.05374	.09963	.10545
#3	.01840	.04008	.01315	.02174	.05311	.09641	.10568

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00659	.00586	2.0972	.01050	.02965	.02115	.11236
Stddev	.00031	.00006	.0276	.00041	.00008	.00007	.00299
%RSD	4.6475	1.0438	1.3150	3.8795	.28488	.34268	2.6645

#1	.00692	.00592	2.0728	.01064	.02955	.02121	.11581
#2	.00631	.00579	2.1271	.01082	.02971	.02107	.11044
#3	.00654	.00586	2.0915	.01004	.02969	.02117	.11082

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02225	2.0987	.04080	.01118	1.8418	.04160	.03945
Stddev	.00072	.0212	.00027	.00025	.0464	.00115	.00011
%RSD	3.2367	1.0116	.66822	2.1912	2.5194	2.7601	.27310

#1	.02309	2.1232	.04099	.01146	1.8953	.04292	.03953
#2	.02184	2.0855	.04091	.01107	1.8179	.04084	.03933
#3	.02184	2.0873	.04049	.01102	1.8122	.04104	.03949

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0110	.21440	.10073	.01825	.41123	.04096	.04405
Stddev	.0676	.00066	.01059	.00148	.00323	.00086	.00253
%RSD	3.3618	.30745	10.510	8.1323	.78532	2.0928	5.7390

#1	2.0814	.21441	.08851	.01995	.41023	.04166	.04113
#2	1.9466	.21505	.10710	.01758	.41484	.04123	.04543
#3	2.0050	.21374	.10659	.01722	.40862	.04000	.04559

Sample Name: LLCCV01 Acquired: 4/4/2019 13:36:01 Type: Unk
 Method: P4-ICP2(v3020) 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	.01704	.0167	.02118	F 4.5415	F<.00000
Stddev	.00055	.0003	.00008	1.5207	2.8635
%RSD	3.2534	1.892	.35911	33.484	35.214
#1	.01686	.0166	.02127	6.2927	-11.118
#2	.01660	.0170	.02115	3.7780	-5.4097
#3	.01766	.0164	.02113	3.5539	-7.8675
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4011.8	73349.	6695.6	98.358	5666.1
Stddev	4.3	1918.	9.5	.988	6.3
%RSD	.10601	2.6152	.14189	1.0042	.11150
#1	4007.1	71135.	6687.3	98.383	5663.7
#2	4013.1	74398.	6693.6	97.358	5661.3
#3	4015.3	74514.	6706.0	99.333	5673.3

Sample Name: CCB01 Acquired: 4/4/2019 13:40:28 Type: Unk
Method: P4-ICP2(v3020) 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	.00040	-.00040	-.00071	-.00110	.00055	-.00468	.00092
Stddev	.00165	.00074	.00031	.00291	.00071	.00986	.00017
%RSD	413.69	187.42	44.446	264.07	128.26	210.38	18.701

#1	-.00109	.00018	-.00040	-.00325	.00103	-.00586	.00108
#2	.00011	-.00013	-.00069	-.00227	-.00026	-.01390	.00074
#3	.00218	-.00123	-.00103	.00221	.00088	.00571	.00093

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	-.00007	-.00515	.00016	.00017	-.00120	.00347
Stddev	.00009	.00001	.00904	.00032	.00021	.00016	.00025
%RSD	176.32	10.825	175.51	203.62	128.04	13.187	7.1242

#1	-.00013	-.00006	-.00734	-.00009	.00041	-.00133	.00363
#2	.00004	-.00007	.00478	.00005	.00008	-.00102	.00319
#3	-.00006	-.00008	-.01289	.00052	.00001	-.00125	.00361

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00034	.00790	.00004	.00027	-.29247	.00013	-.00054
Stddev	.00010	.02089	.00014	.00029	.00431	.00035	.00002
%RSD	30.753	264.40	391.35	106.35	1.4732	272.64	4.1804

#1	-.00046	.01298	-.00001	.00030	-.29739	.00005	-.00054
#2	-.00029	.02578	-.00008	-.00003	-.29067	-.00017	-.00057
#3	-.00027	-.01506	.00019	.00054	-.28936	.00051	-.00052

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.09445	.00016	-.00805	-.00112	.00022	-.00176	.00021
Stddev	.00537	.00023	.00641	.00207	.00309	.00057	.00178
%RSD	5.6852	145.58	79.535	184.64	1435.5	32.417	863.05

#1	-.09707	-.00011	-.00478	.00075	-.00306	-.00114	-.00119
#2	-.09801	.00030	-.01544	-.00334	.00307	-.00188	.00222
#3	-.08828	.00029	-.00395	-.00077	.00064	-.00227	-.00040

Sample Name: CCB01 Acquired: 4/4/2019 13:40:28 Type: Unk
 Method: P4-ICP2(v3020) 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	-.00690	-.0008	.00013	F 3.0929	F<.00000
Stddev	.00057	.0010	.00002	.1967	1.0596
%RSD	8.2888	114.1	15.872	6.3592	25.719

#1	-.00638	-.0004	.00015	3.2014	-4.1174
#2	-.00681	-.0020	.00014	2.8658	-3.0617
#3	-.00752	-.0002	.00011	3.2113	-5.1809

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4020.3	74423.	6694.3	97.753	5713.0
Stddev	12.2	379.	71.6	1.418	7.0
%RSD	.30231	.50879	1.0690	1.4508	.12237

#1	4010.0	74828.	6626.6	97.392	5709.6
#2	4033.7	74363.	6687.2	96.550	5721.0
#3	4017.2	74078.	6769.2	99.317	5708.3

Sample Name: PBS Acquired: 4/4/2019 13:44:39 Type: Unk
Method: P4-ICP2(v3020) 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	-.00077	-.00071	-.00007	-.00250	.00089	-.00199	.00054
Stddev	.00150	.00037	.00027	.00070	.00166	.01047	.00007
%RSD	194.85	51.445	365.78	28.154	185.56	526.85	13.175

#1	-.00227	-.00051	.00023	-.00283	.00100	.00064	.00061
#2	-.00076	-.00049	-.00017	-.00298	-.00081	-.01352	.00052
#3	.00072	-.00114	-.00028	-.00169	.00249	.00692	.00047

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.00004	-.00970	.00004	-.00002	-.00075	.00396
Stddev	.00009	.00005	.01076	.00027	.00010	.00017	.00027
%RSD	367.71	135.11	110.97	694.21	415.81	23.132	6.8013

#1	-.00005	-.00009	-.00832	.00033	-.00013	-.00060	.00412
#2	-.00009	-.00001	-.02108	-.00002	-.00001	-.00071	.00412
#3	.00007	-.00001	.00031	-.00020	.00007	-.00094	.00365

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00057	.01036	-.00006	-.00039	-.30443	-.00007	-.00063
Stddev	.00002	.04654	.00035	.00075	.00465	.00015	.00005
%RSD	3.9377	449.18	621.41	192.20	1.5290	209.17	7.6394

#1	.00058	.05278	.00007	.00047	-.30456	.00004	-.00066
#2	.00058	-.03943	.00021	-.00092	-.30901	-.00001	-.00066
#3	.00054	.01773	-.00045	-.00071	-.29971	-.00024	-.00058

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.07899	.00002	-.02020	-.00137	.00087	-.00302	.00163
Stddev	.01400	.00011	.01013	.00207	.00169	.00042	.00077
%RSD	17.727	634.25	50.148	150.58	193.98	13.850	47.218

#1	-.06620	-.00011	-.02837	.00088	-.00005	-.00287	.00232
#2	-.07682	.00010	-.00887	-.00318	-.00016	-.00350	.00178
#3	-.09395	.00006	-.02335	-.00183	.00283	-.00270	.00080

Sample Name: PBS Acquired: 4/4/2019 13:44:39 Type: Unk
Method: P4-ICP2(v3020) 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	-.00829	-.0027	.00017	F 2.7314	F<.00000
Stddev	.00130	.0016	.00012	.7734	3.2778
%RSD	15.654	58.40	68.198	28.315	77.251
#1	-.00963	-.0044	.00014	2.1027	-1.7435
#2	-.00703	-.0026	.00007	3.5951	-7.9543
#3	-.00820	-.0012	.00030	2.4965	-3.0316
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4032.3	74363.	6710.0	99.769	5720.8
Stddev	8.7	116.	19.9	.890	10.1
%RSD	.21562	.15632	.29617	.89229	.17680
#1	4023.8	74272.	6707.8	98.767	5711.6
#2	4041.2	74494.	6691.4	100.47	5731.6
#3	4031.9	74324.	6730.9	100.08	5719.3

Sample Name: LCSS Acquired: 4/4/2019 13:49:09 Type: Unk
Method: P4-ICP2(v3020) 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	.76364	1.9469	.97070	1.9792	.75244	1.8997	.19532
Stddev	.00361	.0094	.00510	.0116	.00271	.0093	.00136
%RSD	.47253	.48127	.52498	.58766	.36001	.48906	.69614

#1	.76493	1.9557	.97521	1.9915	.75517	1.8890	.19394
#2	.76642	1.9478	.97173	1.9777	.75240	1.9057	.19536
#3	.75956	1.9370	.96517	1.9684	.74975	1.9045	.19666

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19724	.18839	1.0178	.39831	.19619	.32085	3.0778
Stddev	.00041	.00073	.0092	.00141	.00145	.00145	.0028
%RSD	.20539	.38838	.90894	.35324	.74055	.45242	.08978

#1	.19735	.18913	1.0094	.39828	.19775	.32194	3.0751
#2	.19680	.18840	1.0278	.39972	.19594	.32140	3.0806
#3	.19758	.18766	1.0163	.39691	.19487	.31920	3.0777

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20312	1.9676	.49461	.07121	2.6970	.29794	.19211
Stddev	.00032	.0095	.00172	.00042	.0289	.00077	.00113
%RSD	.15792	.48060	.34753	.59049	1.0722	.25978	.58886

#1	.20282	1.9590	.49640	.07169	2.6666	.29769	.19327
#2	.20307	1.9660	.49445	.07105	2.7003	.29732	.19206
#3	.20346	1.9777	.49298	.07089	2.7242	.29881	.19101

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.6406	.38340	.27614	8.6176	.90001	.65644	.19645
Stddev	.0812	.00161	.01152	.0581	.00384	.00425	.00275
%RSD	.84262	.42024	4.1735	.67392	.42678	.64776	1.3983

#1	9.5517	.38526	.26314	8.6801	.90352	.66045	.19797
#2	9.7110	.38250	.28511	8.6076	.89591	.65689	.19328
#3	9.6591	.38245	.28016	8.5652	.90060	.65198	.19811

Sample Name: LCSS Acquired: 4/4/2019 13:49:09 Type: Unk
Method: P4-ICP2(v3020) 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	.19075	5.294	.19503	F 3.2594	F<.00000
Stddev	.00048	.045	.00108	.1644	3.8387
%RSD	.25379	.8596	.55219	5.0439	25.476
#1	.19024	5.340	.19442	3.1480	-19.346
#2	.19120	5.293	.19439	3.4482	-11.923
#3	.19081	5.249	.19627	3.1821	-13.936
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4011.9	74570.	6588.0	98.893	5647.5
Stddev	6.9	94.	25.1	2.009	15.9
%RSD	.17142	.12589	.38163	2.0317	.28102
#1	4004.1	74664.	6559.7	99.962	5629.7
#2	4014.7	74477.	6607.8	100.14	5652.5
#3	4017.0	74570.	6596.4	96.576	5660.2

Sample Name: 6010 SOIL LLOQ Acquired: 4/4/2019 13:53:16 Type: Unk
Method: P4-ICP2(v3020) 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	.02035	.04055	.01221	.02040	.05312	.10337	.10464
Stddev	.00169	.00041	.00029	.00143	.00172	.00774	.00140
%RSD	8.2954	1.0127	2.3591	6.9934	3.2352	7.4874	1.3362

#1	.02132	.04082	.01205	.02148	.05509	.09940	.10363
#2	.02133	.04008	.01255	.01878	.05228	.11229	.10624
#3	.01840	.04076	.01204	.02093	.05198	.09842	.10405

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00646	.00589	2.1298	.01047	.02995	.02113	.11048
Stddev	.00002	.00007	.0194	.00037	.00039	.00012	.00165
%RSD	.31536	1.1897	.91167	3.5312	1.2912	.59044	1.4973

#1	.00647	.00586	2.1374	.01008	.02974	.02113	.11187
#2	.00648	.00597	2.1078	.01052	.03040	.02126	.10865
#3	.00644	.00584	2.1443	.01081	.02972	.02101	.11091

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02164	2.0367	.04096	.01134	1.7901	.04087	.03904
Stddev	.00027	.0254	.00033	.00035	.0298	.00023	.00011
%RSD	1.2545	1.2480	.81348	3.1277	1.6669	.55718	.27878

#1	.02144	2.0334	.04062	.01143	1.7651	.04073	.03893
#2	.02154	2.0636	.04129	.01095	1.8231	.04075	.03914
#3	.02195	2.0131	.04097	.01165	1.7820	.04114	.03906

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9774	.21469	.08472	.01317	.41140	.03680	.04245
Stddev	.0050	.00116	.00540	.00068	.00745	.00046	.00059
%RSD	.25526	.53924	6.3731	5.1386	1.8100	1.2383	1.3826

#1	1.9831	.21461	.08706	.01362	.41162	.03657	.04308
#2	1.9757	.21589	.07854	.01239	.40384	.03733	.04192
#3	1.9735	.21358	.08855	.01351	.41873	.03651	.04234

Sample Name: 6010 SOIL LLOQ Acquired: 4/4/2019 13:53:16 Type: Unk
Method: P4-ICP2(v3020) 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	.01181	.0159	.02121	3.5506	F<.00000
Stddev	.00146	.0012	.00014	.5925	1.3420
%RSD	12.404	7.485	.65082	16.686	21.609
#1	.01237	.0172	.02110	4.0474	-6.2119
#2	.01291	.0148	.02115	3.7097	-7.5517
#3	.01015	.0158	.02136	2.8949	-4.8677
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4016.5	74558.	6651.4	98.628	5669.0
Stddev	10.0	96.	69.4	.275	14.5
%RSD	.24912	.12902	1.0436	.27887	.25587
#1	4005.0	74505.	6612.7	98.633	5652.4
#2	4020.6	74499.	6731.6	98.900	5675.2
#3	4023.7	74669.	6610.0	98.350	5679.4

Sample Name: PBW Acquired: 4/4/2019 13:57:42 Type: Unk
Method: P4-ICP2(v3020) 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	-.00000	-.00001	-.00076	-.00023	.00031	-.00289	.00054
Stddev	.00054	.00054	.00045	.00128	.00246	.01256	.00048
%RSD	12261.	6315.5	58.784	558.54	806.23	433.88	88.390

#1	.00006	.00010	-.00128	-.00079	-.00253	-.01299	.00067
#2	.00050	-.00060	-.00045	.00123	.00158	.01117	.00001
#3	-.00057	.00047	-.00057	-.00113	.00187	-.00685	.00095

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.00001	-.00940	.00000	.00026	-.00133	.00427
Stddev	.00001	.00010	.01128	.00026	.00005	.00007	.00013
%RSD	40.172	695.04	120.03	6675.8	19.506	4.8963	3.1056

#1	.00002	.00010	.00361	-.00028	.00021	-.00132	.00420
#2	.00003	-.00007	-.01646	.00025	.00030	-.00140	.00420
#3	.00004	-.00007	-.01535	.00004	.00026	-.00127	.00443

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00034	.00535	.00012	.00026	-.29574	.00006	-.00077
Stddev	.00003	.02762	.00020	.00027	.00471	.00045	.00006
%RSD	7.6205	516.08	166.55	102.44	1.5918	734.68	7.5411

#1	-.00033	.03708	-.00005	.00046	-.29052	-.00032	-.00084
#2	-.00037	-.00778	.00007	-.00004	-.29701	.00056	-.00076
#3	-.00033	-.01325	.00033	.00037	-.29967	-.00006	-.00072

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.08420	.00013	-.00262	-.00704	.00134	-.00393	-.00023
Stddev	.01241	.00012	.00754	.00183	.00170	.00028	.00225
%RSD	14.741	92.055	287.43	25.983	127.60	7.2471	986.88

#1	-.09399	.00010	-.00010	-.00644	-.00063	-.00366	.00109
#2	-.07024	.00025	.00333	-.00909	.00232	-.00423	-.00283
#3	-.08836	.00002	-.01110	-.00559	.00232	-.00390	.00106

Sample Name: PBW Acquired: 4/4/2019 13:57:42 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00928	-0.0023	.00013	F 4.1786	F<.00000
Stddev	.00150	.0008	.00006	.5417	5.1566
%RSD	16.201	35.37	43.011	12.964	75.624

#1	-0.00995	-0.0014	.00007	4.8024	-10.852
#2	-0.00756	-0.0031	.00017	3.9074	-1.0087
#3	-0.01033	-0.0025	.00014	3.8261	-8.5957

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4017.5	74182.	6680.1	98.822	5706.7
Stddev	2.4	288.	57.5	.910	11.6
%RSD	.05867	.38782	.86123	.92045	.20341

#1	4015.2	74085.	6638.1	98.767	5714.1
#2	4017.3	74506.	6656.5	97.942	5693.4
#3	4019.9	73956.	6745.7	99.758	5712.7

Sample Name: LCSW Acquired: 4/4/2019 14:02:08 Type: Unk
Method: P4-ICP2(v3020) 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	.73503	1.8932	.93883	1.9107	.75429	1.8246	.19040
Stddev	.00268	.0128	.00567	.0033	.00335	.0144	.00039
%RSD	.36419	.67596	.60349	.17323	.44398	.78728	.20514

#1	.73753	1.8891	.93474	1.9088	.75722	1.8122	.19085
#2	.73220	1.8829	.93646	1.9145	.75064	1.8212	.19022
#3	.73535	1.9075	.94530	1.9088	.75501	1.8403	.19013

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19207	.18269	.99066	.38813	.18963	.31022	2.9962
Stddev	.00006	.00087	.00979	.00088	.00036	.00057	.0049
%RSD	.03285	.47381	.98813	.22649	.18933	.18426	.16398

#1	.19205	.18210	.99829	.38870	.18940	.30995	2.9992
#2	.19213	.18230	.99407	.38859	.18944	.30982	2.9990
#3	.19201	.18369	.97963	.38712	.19004	.31087	2.9906

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19553	1.9443	.47719	.06955	2.6322	.29065	.18577
Stddev	.00032	.0187	.00138	.00058	.0034	.00128	.00090
%RSD	.16169	.96369	.28887	.82855	.12831	.44012	.48315

#1	.19528	1.9524	.47592	.06908	2.6303	.29193	.18541
#2	.19543	1.9577	.47700	.06938	2.6361	.29066	.18511
#3	.19589	1.9229	.47865	.07019	2.6303	.28937	.18679

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.3221	.38291	.27749	8.3953	.88353	.65555	.19482
Stddev	.0513	.00188	.00812	.0467	.00876	.00212	.00210
%RSD	.55006	.49184	2.9273	.55601	.99123	.32384	1.0775

#1	9.2785	.38312	.27048	8.3850	.88728	.65516	.19353
#2	9.3786	.38093	.28639	8.3546	.87352	.65365	.19368
#3	9.3091	.38468	.27560	8.4462	.88978	.65784	.19724

Sample Name: LCSW Acquired: 4/4/2019 14:02:08 Type: Unk
Method: P4-ICP2(v3020) 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	.18154	5.089	.18841	F 4.9807	F<.00000
Stddev	.00215	.033	.00129	.4439	2.9534
%RSD	1.1856	.6475	.68652	8.9127	21.608

#1	.18037	5.084	.18978	5.2921	-12.075
#2	.18023	5.059	.18721	5.1777	-11.853
#3	.18403	5.125	.18825	4.4724	-17.076

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4014.7	74580.	6656.3	99.714	5670.6
Stddev	3.6	95.	39.7	1.073	3.0
%RSD	.08983	.12773	.59660	1.0761	.05373

#1	4010.7	74487.	6620.6	99.258	5674.1
#2	4015.6	74576.	6699.1	100.94	5669.1
#3	4017.7	74678.	6649.1	98.945	5668.6

Sample Name: 6010 WATER LLOQ Acquired: 4/4/2019 14:06:10 Type: Unk
Method: P4-ICP2(v3020) 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	.01931	.04068	.01129	.01730	.05198	.10063	.10510	.00655
Stddev	.00179	.00081	.00118	.00197	.00026	.00866	.00035	.00007
%RSD	9.2660	2.0018	10.437	11.397	.49453	8.6021	.33694	1.1409
#1	.01946	.04148	.00993	.01816	.05175	.09826	.10470	.00659
#2	.02103	.03985	.01188	.01505	.05225	.09341	.10536	.00660
#3	.01746	.04070	.01205	.01870	.05193	.11022	.10523	.00647
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00584	2.1083	.01034	.02972	.02065	.11126	.02173	2.0617
Stddev	.00007	.0212	.00034	.00021	.00033	.00127	.00017	.0444
%RSD	1.2128	1.0065	3.2569	.70696	1.5852	1.1457	.78730	2.1514
#1	.00576	2.0907	.01072	.02995	.02051	.11252	.02192	2.0310
#2	.00590	2.1319	.01010	.02953	.02042	.10997	.02158	2.1125
#3	.00587	2.1024	.01019	.02968	.02102	.11128	.02169	2.0415
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04053	.01114	1.8091	.04114	.03849	1.9378	.21289	.08471
Stddev	.00019	.00019	.0020	.00022	.00008	.0119	.00106	.00662
%RSD	.47003	1.7310	.11297	.54541	.21629	.61605	.49847	7.8199
#1	.04074	.01134	1.8101	.04095	.03858	1.9419	.21218	.08298
#2	.04048	.01114	1.8104	.04108	.03841	1.9243	.21411	.07911
#3	.04036	.01095	1.8067	.04139	.03848	1.9471	.21238	.09202
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01156	.40686	.03622	.04174	.01073	.0168	.02114	4.0119
Stddev	.00147	.00563	.00066	.00113	.00091	.0023	.00011	.4188
%RSD	12.705	1.3842	1.8144	2.7147	8.5000	13.71	.53229	10.439
#1	.00994	.41171	.03615	.04298	.00982	.0188	.02101	3.5283
#2	.01282	.40818	.03691	.04147	.01072	.0143	.02123	4.2575
#3	.01192	.40068	.03560	.04077	.01164	.0173	.02117	4.2498

Sample Name: 6010 WATER LLOQ Acquired: 4/4/2019 14:06:10 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	2.2269
%RSD	231.63

#1	-1.1022
#2	-3.1146
#3	1.3325

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4025.8	74583.	6708.2	100.50	5690.3
Stddev	8.2	107.	20.5	1.41	4.7
%RSD	.20294	.14327	.30491	1.4030	.08247

#1	4028.8	74571.	6714.1	99.350	5685.7
#2	4016.5	74483.	6685.4	102.08	5695.1
#3	4032.0	74696.	6725.0	100.08	5690.3

Sample Name: PBW Acquired: 4/4/2019 14:10:36 Type: Unk
Method: P4-ICP2(v3020) 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	-.00024	-.00062	-.00027	-.00026	-.00504	.00091
Stddev	.00086	.00077	.00079	.00329	.00127	.01395	.00038
%RSD	458.40	314.71	127.05	1221.1	482.89	276.79	41.770

#1	.00080	-.00108	.00025	.00352	.00120	-.00528	.00047
#2	-.00058	.00041	-.00083	-.00230	-.00103	-.01886	.00110
#3	-.00079	-.00006	-.00130	-.00203	-.00096	.00902	.00116

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.00006	-.00630	.00038	.00016	-.00141	.00448
Stddev	.00004	.00008	.01407	.00016	.00005	.00039	.00062
%RSD	391.54	147.14	223.32	42.146	32.733	27.930	13.937

#1	-.00001	-.00003	-.01967	.00053	.00010	-.00139	.00473
#2	-.00006	.00001	-.00762	.00041	.00018	-.00102	.00494
#3	.00003	-.00015	.00838	.00021	.00019	-.00181	.00377

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00034	.00424	-.00030	.00000	-.29640	.00019	-.00091
Stddev	.00002	.00929	.00033	.00026	.00149	.00039	.00005
%RSD	4.6955	219.39	109.65	15703.	.50433	208.31	5.7842

#1	-.00034	-.00107	.00006	-.00014	-.29480	.00062	-.00088
#2	-.00035	.01497	-.00038	-.00017	-.29777	-.00015	-.00097
#3	-.00032	-.00119	-.00059	.00031	-.29663	.00009	-.00087

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.07867	.00011	-.00662	-.00598	.00100	-.00422	.00149
Stddev	.03671	.00014	.00397	.00178	.00187	.00042	.00105
%RSD	46.665	122.95	59.863	29.678	187.45	10.009	70.702

#1	-.03628	.00023	-.00631	-.00774	.00153	-.00434	.00239
#2	-.09972	.00015	-.00283	-.00419	-.00108	-.00374	.00033
#3	-.10001	-.00004	-.01074	-.00602	.00255	-.00456	.00173

Sample Name: PBW Acquired: 4/4/2019 14:10:36 Type: Unk
 Method: P4-ICP2(v3020) 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 -.01107	-.0017	.00015	F 4.7921	F<.00000
Stddev	.00116	.0004	.00004	.6099	5.9876
%RSD	10.486	20.96	25.633	12.727	112.87

#1	-.01080	-.0022	.00012	4.8448	-11.599
#2	-.01235	-.0016	.00014	5.3739	-4.6356
#3	-.01007	-.0015	.00019	4.1575	.3200

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4013.3	74487.	6702.0	99.547	5697.9
Stddev	5.1	140.	70.9	1.337	4.5
%RSD	.12619	.18765	1.0580	1.3430	.07958

#1	4012.7	74648.	6628.7	99.342	5692.7
#2	4008.5	74397.	6707.0	100.98	5700.9
#3	4018.6	74416.	6770.2	98.325	5700.1

Sample Name: LCSW Acquired: 4/4/2019 14:15:03 Type: Unk
 Method: P4-ICP2(v3020) 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	.73322	1.8800	.92810	1.9099	.74689	1.8090	.18991
Stddev	.00276	.0124	.00348	.0109	.00119	.0233	.00106
%RSD	.37631	.65712	.37549	.57053	.15882	1.2873	.55725

#1	.73499	1.8749	.92928	1.9097	.74586	1.8269	.18938
#2	.73463	1.8941	.93084	1.9210	.74818	1.8175	.19113
#3	.73004	1.8710	.92418	1.8992	.74662	1.7827	.18922

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19064	.18129	.99555	.38612	.18880	.30755	2.9734
Stddev	.00018	.00079	.01143	.00036	.00055	.00062	.0049
%RSD	.09250	.43654	1.1479	.09395	.29257	.20190	.16597

#1	.19055	.18080	1.0087	.38629	.18819	.30729	2.9684
#2	.19085	.18220	.98866	.38637	.18925	.30826	2.9737
#3	.19053	.18087	.98925	.38571	.18898	.30710	2.9782

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19369	1.8803	.47360	.06873	2.6130	.28878	.18530
Stddev	.00051	.0246	.00177	.00042	.0086	.00054	.00044
%RSD	.26193	1.3107	.37356	.60628	.32973	.18831	.23833

#1	.19370	1.8538	.47290	.06866	2.6044	.28829	.18488
#2	.19420	1.9026	.47562	.06918	2.6216	.28936	.18576
#3	.19319	1.8845	.47229	.06836	2.6129	.28867	.18526

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.2034	.37806	.26630	F 8.3465	.88065	.64825	.19367
Stddev	.0197	.00106	.00425	.0437	.00233	.00279	.00109
%RSD	.21432	.27917	1.5945	.52402	.26469	.43048	.56527

#1	9.2244	.37751	.26816	8.3460	.87796	.64860	.19471
#2	9.1853	.37928	.26929	8.3904	.88210	.65085	.19253
#3	9.2005	.37739	.26144	8.3030	.88188	.64530	.19376

Sample Name: LCSW Acquired: 4/4/2019 14:15:03 Type: Unk
Method: P4-ICP2(v3020) 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	.17895	F 5.082	.18794	F 5.2842	F<.00000
Stddev	.00098	.019	.00083	.2873	4.1202
%RSD	.54712	.3734	.44242	5.4378	23.662
#1	.17801	5.082	.18826	5.0615	-21.503
#2	.17886	5.101	.18700	5.1825	-17.470
#3	.17997	5.063	.18857	5.6085	-13.264
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4023.2	75062.	6688.8	99.778	5674.4
Stddev	4.3	181.	4.4	1.505	6.5
%RSD	.10790	.24168	.06629	1.5082	.11418
#1	4019.1	75028.	6693.3	100.02	5666.9
#2	4027.7	74900.	6684.5	98.169	5678.1
#3	4022.9	75258.	6688.5	101.15	5678.1

Sample Name: 200.7 LLOQ Acquired: 4/4/2019 14:19:07 Type: Unk
Method: P4-ICP2(v3020) 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	.02005	.03965	.01109	.02039	.05118	.09564	.10435
Stddev	.00225	.00116	.00046	.00143	.00058	.00577	.00036
%RSD	11.212	2.9140	4.1455	7.0356	1.1255	6.0312	.34438

#1	.01859	.04095	.01102	.01940	.05103	.10134	.10395
#2	.01892	.03873	.01158	.02203	.05182	.08980	.10464
#3	.02264	.03927	.01067	.01974	.05070	.09577	.10447

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00640	.00581	2.0999	.01020	.02951	.02063	.10929
Stddev	.00004	.00005	.0131	.00050	.00007	.00023	.00102
%RSD	.61539	.87461	.62342	4.9366	.23424	1.1331	.93275

#1	.00636	.00586	2.1114	.01013	.02944	.02089	.10865
#2	.00640	.00582	2.1026	.01073	.02958	.02043	.10876
#3	.00644	.00576	2.0856	.00973	.02950	.02058	.11047

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02118	2.0264	.04032	.01081	1.7633	.04052	.03831
Stddev	.00011	.0918	.00028	.00012	.0119	.00051	.00014
%RSD	.49597	4.5306	.68567	1.1091	.67312	1.2479	.36188

#1	.02110	2.0638	.04020	.01077	1.7578	.04107	.03829
#2	.02113	1.9218	.04064	.01095	1.7553	.04007	.03846
#3	.02130	2.0937	.04013	.01072	1.7770	.04041	.03818

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9335	.21116	.09528	.01319	.40363	.03479	.04286
Stddev	.0415	.00020	.00949	.00135	.00129	.00023	.00054
%RSD	2.1488	.09339	9.9564	10.208	.31899	.65751	1.2714

#1	1.9242	.21129	.10421	.01407	.40395	.03472	.04304
#2	1.8973	.21125	.08532	.01386	.40221	.03460	.04224
#3	1.9789	.21093	.09630	.01164	.40472	.03504	.04329

Sample Name: 200.7 LLOQ Acquired: 4/4/2019 14:19:07 Type: Unk
Method: P4-ICP2(v3020) 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	.00989	.0174	.02097	4.4060	F<.00000
Stddev	.00163	.0013	.00012	.4708	2.7126
%RSD	16.471	7.241	.57101	10.686	78.941
#1	.01139	.0176	.02086	3.9399	-2.9817
#2	.01013	.0160	.02095	4.8814	-.97959
#3	.00816	.0185	.02109	4.3968	-6.3473
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4044.4	75409.	6761.2	100.81	5708.8
Stddev	8.2	125.	17.4	.96	9.0
%RSD	.20398	.16547	.25757	.95546	.15682
#1	4035.3	75307.	6751.2	101.71	5703.3
#2	4046.3	75548.	6751.2	99.792	5704.0
#3	4051.5	75373.	6781.4	100.92	5719.2

Sample Name: K2227-01DLX10 Acquired: 4/4/2019 14:23:33 Type: Unk
Method: P4-ICP2(v3020) 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	.00796	.00156	.06765	.00251	-.00304	15.245	.17763	.00060
Stddev	.00308	.00062	.00038	.00146	.00154	.098	.00092	.00005
%RSD	38.618	39.408	.56381	58.365	50.689	.64466	.52030	8.0428

#1	.00741	.00087	.06760	.00161	-.00161	15.150	.17670	.00058
#2	.00520	.00176	.06806	.00171	-.00285	15.346	.17764	.00066
#3	.01128	.00206	.06730	.00419	-.00468	15.239	.17855	.00056

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00052	235.91	.23002	.00815	.11576	22.249	.73675	10.806
Stddev	.00007	.42	.00135	.00016	.00024	.067	.00239	.130
%RSD	13.015	.17706	.58752	1.9570	.20709	.30335	.32419	1.2032

#1	-.00057	236.31	.22857	.00834	.11602	22.290	.73522	10.658
#2	-.00054	235.95	.23124	.00807	.11572	22.286	.73951	10.900
#3	-.00044	235.48	.23025	.00805	.11554	22.171	.73554	10.861

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07174	-.00107	.43114	.12836	.19344	1.3457	.01643	.02450
Stddev	.00042	.00053	.00899	.00042	.00049	.0240	.00036	.00651
%RSD	.58530	49.778	2.0842	.32608	.25400	1.7865	2.1647	26.558

#1	.07126	-.00103	.42227	.12827	.19318	1.3214	.01617	.01706
#2	.07198	-.00056	.43092	.12799	.19314	1.3695	.01627	.02911
#3	.07199	-.00161	.44024	.12881	.19401	1.3463	.01683	.02734

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.1241	.12246	.00177	.89409	.00920	.2664	.10341	8.6847
Stddev	.0183	.00014	.00063	.00294	.00178	.0012	.00017	.6091
%RSD	.29916	.11612	35.531	.32919	19.335	.4390	.16748	7.0137

#1	6.1034	.12257	.00118	.89672	.00964	.2651	.10352	9.3742
#2	6.1307	.12230	.00169	.89463	.00725	.2674	.10351	8.2196
#3	6.1382	.12252	.00243	.89091	.01072	.2667	.10321	8.4604

Sample Name: K2227-01DLX10 Acquired: 4/4/2019 14:23:33 Type: Unk
 Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 13.550
 Stddev 5.552
 %RSD 40.975

#1 7.6322
 #2 18.644
 #3 14.374

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3814.6	71916.	6693.1	96.782	5037.3
Stddev	8.3	176.	49.1	1.094	9.4
%RSD	.21663	.24448	.73396	1.1302	.18587

#1	3805.3	71785.	6637.4	96.915	5027.1
#2	3821.1	71848.	6711.7	95.628	5045.5
#3	3817.4	72116.	6730.2	97.803	5039.2

Sample Name: CCV02 Acquired: 4/4/2019 14:27:50 Type: Unk
Method: P4-ICP2(v3020) 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	5.0544	4.9120	5.0464	5.0761	5.0206	9.8476	10.020	.25077
Stddev	.0194	.0117	.0107	.0064	.0093	.0746	.024	.00048
%RSD	.38433	.23809	.21289	.12559	.18497	.75733	.23964	.19149
#1	5.0497	4.9131	5.0369	5.0687	5.0292	9.7756	9.9960	.25026
#2	5.0377	4.8997	5.0443	5.0799	5.0217	9.8427	10.021	.25121
#3	5.0757	4.9230	5.0580	5.0796	5.0108	9.9245	10.044	.25084
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4915	25.493	.98162	2.5165	1.2735	5.0194	2.4627	25.110
Stddev	.0032	.066	.00255	.0040	.0006	.0103	.0036	.236
%RSD	.12757	.25918	.25939	.15877	.04611	.20448	.14653	.94052
#1	2.4891	25.452	.98393	2.5145	1.2730	5.0122	2.4590	25.011
#2	2.4903	25.459	.97889	2.5139	1.2741	5.0149	2.4630	24.940
#3	2.4951	25.569	.98204	2.5211	1.2732	5.0312	2.4662	25.380
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5168	1.2455	24.844	2.4962	2.5265	24.355	5.0244	4.9002
Stddev	.0055	.0014	.056	.0059	.0029	.097	.0048	.0263
%RSD	.21952	.11628	.22525	.23653	.11349	.39946	.09539	.53747
#1	2.5146	1.2459	24.814	2.4928	2.5244	24.346	5.0297	4.9040
#2	2.5127	1.2439	24.809	2.4928	2.5255	24.262	5.0204	4.8722
#3	2.5231	1.2467	24.908	2.5030	2.5298	24.456	5.0232	4.9245
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9548	4.9925	4.9750	5.0869	4.9199	4.964	5.0667	F 7.6035
Stddev	.0211	.0123	.0085	.0063	.0367	.017	.0261	.1962
%RSD	.42498	.24538	.17109	.12318	.74603	.3434	.51587	2.5803
#1	4.9416	4.9834	4.9788	5.0809	4.9121	4.955	5.0560	7.5638
#2	4.9437	5.0065	4.9653	5.0864	4.9598	4.953	5.0965	7.4303
#3	4.9791	4.9877	4.9810	5.0934	4.8877	4.983	5.0477	7.8166

Sample Name: CCV02 Acquired: 4/4/2019 14:27:50 Type: Unk
 Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 8.2808
 Stddev 4.2295
 %RSD 51.077

#1 8.2164
 #2 12.542
 #3 4.0838

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3877.5	73174.	6689.9	96.864	5117.2
Stddev	6.7	36.	44.3	.769	3.6
%RSD	.17200	.04855	.66276	.79339	.07043

#1	3872.6	73184.	6684.6	96.798	5121.2
#2	3874.8	73204.	6648.5	96.131	5116.3
#3	3885.1	73135.	6736.7	97.664	5114.1

Sample Name: CCB02 Acquired: 4/4/2019 14:31:48 Type: Unk
Method: P4-ICP2(v3020) 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	-.00003	-.00136	.00058	-.00228	.00181	-.01165	.00119
Stddev	.00201	.00109	.00064	.00090	.00137	.00853	.00036
%RSD	6475.8	79.778	111.26	39.480	75.462	73.245	30.205

#1	-.00229	-.00017	-.00016	-.00321	.00338	-.02150	.00154
#2	.00061	-.00230	.00104	-.00140	.00114	-.00657	.00082
#3	.00158	-.00163	.00085	-.00224	.00090	-.00688	.00121

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	-.00014	-.01564	.00039	.00005	-.00102	.00217
Stddev	.00006	.00002	.01126	.00013	.00002	.00021	.00037
%RSD	145.75	14.023	71.986	34.313	45.413	20.457	16.931

#1	-.00011	-.00013	-.02863	.00039	.00003	-.00090	.00202
#2	.00000	-.00017	-.00856	.00025	.00007	-.00126	.00259
#3	-.00001	-.00014	-.00974	.00051	.00005	-.00090	.00191

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00042	.02203	-.00034	.00029	-.30753	.00004	.00056
Stddev	.00003	.02226	.00013	.00041	.00098	.00012	.00032
%RSD	7.1267	101.06	38.870	138.83	.32005	312.81	56.540

#1	-.00044	-.00328	-.00029	.00058	-.30677	-.00004	.00092
#2	-.00043	.03858	-.00025	-.00017	-.30717	.00018	.00040
#3	-.00039	.03077	-.00049	.00047	-.30864	-.00003	.00036

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.05918	.00026	-.00874	-.00456	.00303	-.00051	.00200
Stddev	.03197	.00025	.01016	.00186	.00311	.00092	.00101
%RSD	54.026	97.316	116.20	40.830	102.58	181.27	50.368

#1	-.03209	.00040	-.01390	-.00241	.00004	.00051	.00314
#2	-.05100	.00041	-.01529	-.00558	.00624	-.00127	.00163
#3	-.09444	-.00003	.00296	-.00568	.00281	-.00077	.00123

Sample Name: CCB02 Acquired: 4/4/2019 14:31:48 Type: Unk
 Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00801	-0.0015	.00023	F 4.9669	F<.00000
Stddev	.00058	.0010	.00002	.2725	2.6995
%RSD	7.2103	70.37	7.8879	5.4863	39.628

#1	-0.00862	-0.0005	.00023	4.6862	-9.7421
#2	-0.00748	-0.0026	.00024	4.9841	-6.2677
#3	-0.00793	-0.0014	.00021	5.2304	-4.4261

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4025.2	75126.	6704.8	99.831	5701.9
Stddev	11.7	158.	10.8	1.040	16.0
%RSD	.29131	.21003	.16150	1.0419	.28107

#1	4012.5	75303.	6704.3	100.83	5684.2
#2	4027.4	75074.	6694.2	99.917	5706.3
#3	4035.7	75000.	6715.9	98.750	5715.3

Sample Name: LR CHECK 1 Acquired: 4/4/2019 14:39:42 Type: Unk
Method: P4-ICP2(v3020) 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	-.15100	.01612	.11536	-.15653	.11042	2156.6	.01096	.01008
Stddev	.00737	.00447	.00342	.00985	.00057	14.3	.00019	.00021
%RSD	4.8826	27.737	2.9677	6.2954	.51479	.66394	1.7505	2.0540

#1	-.15902	.02128	.11171	-.16282	.11074	2155.0	.01099	.01030
#2	-.14947	.01343	.11850	-.14517	.10976	2171.7	.01113	.00988
#3	-.14452	.01364	.11586	-.16159	.11075	2143.2	.01075	.01006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14474	1674.6	-.10784	.08212	1.0884	955.37	-.00323	1968.2
Stddev	.00025	5.4	.00061	.00133	.0015	4.44	.00011	8.6
%RSD	.17120	.32214	.56844	1.6137	.13385	.46485	3.5055	.43680

#1	.14503	1680.7	-.10842	.08194	1.0900	952.07	-.00310	1959.3
#2	.14457	1670.4	-.10789	.08353	1.0878	960.42	-.00331	1968.8
#3	.14463	1672.7	-.10720	.08090	1.0873	953.62	-.00327	1976.4

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17062	-.17908	1943.0	.02440	.13860	923.79	-.01081	-1.5057
Stddev	.00209	.00142	45.3	.00079	.00108	6.56	.00092	.0168
%RSD	1.2254	.79257	2.3309	3.2196	.78089	.70963	8.5473	1.1147

#1	.16930	-.17877	1990.7	.02352	.13956	929.43	-.00977	-1.5026
#2	.17303	-.18063	1937.5	.02503	.13742	925.34	-.01153	-1.4907
#3	.16952	-.17784	1900.6	.02466	.13881	916.60	-.01113	-1.5238

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.37991	-.00792	.05337	-.05624	.08151	.0696	-1.0361	<.00000
Stddev	.00910	.00053	.00299	.00317	.00172	.0051	.0049	.65718
%RSD	2.3950	6.6257	5.6105	5.6378	2.1116	7.299	.46847	4.1283

#1	.39018	-.00832	.05373	-.05267	.08214	.0750	-1.0323	-16.240
#2	.37283	-.00733	.05616	-.05872	.08282	.0687	-1.0415	-16.354
#3	.37673	-.00813	.05021	-.05734	.07956	.0650	-1.0343	-15.163

Sample Name: LR CHECK 1 Acquired: 4/4/2019 14:39:42 Type: Unk
 Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg ^ *****
 Stddev -----
 %RSD -----

#1 ^ -----
 #2 ^ -----
 #3 ^ -----

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2756.8	54515.	5882.1	68.047	2838.5
Stddev	3.6	154.	44.2	1.980	2.3
%RSD	.13094	.28275	.75173	2.9103	.08237

#1	2753.3	54691.	5858.7	69.264	2836.9
#2	2756.6	54406.	5933.1	69.115	2837.5
#3	2760.5	54447.	5854.6	65.762	2841.2

Sample Name: LR CHECK 2 Acquired: 4/4/2019 14:44:44 Type: Unk
Method: P4-ICP2(v3020) 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	.01713	-.03136	244.95	.03058	-.04108	-.08002	96.519	-.00047
Stddev	.00153	.00179	.62	.00082	.00199	.01145	.567	.00010
%RSD	8.9284	5.7164	.25475	2.6663	4.8437	14.313	.58701	21.929

#1	.01889	-.02979	244.28	.02993	-.03903	-.07588	95.884	-.00037
#2	.01614	-.03098	245.52	.03149	-.04123	-.07122	96.974	-.00046
#3	.01636	-.03331	245.03	.03030	-.04300	-.09297	96.699	-.00058

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00892	.23873	-.12272	-.01506	247.71	-.70100	43.152	.03037
Stddev	.00009	.01400	.00059	.00016	2.17	.00442	.162	.02095
%RSD	1.0360	5.8651	.47749	1.0506	.87644	.63100	.37634	68.968

#1	-.00893	.22558	-.12205	-.01524	249.74	-.70222	43.267	.05437
#2	-.00900	.25345	-.12295	-.01500	247.97	-.70469	42.966	.02101
#3	-.00882	.23718	-.12315	-.01493	245.42	-.69610	43.223	.01574

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	52.443	.01791	2.2040	-.10375	35.718	1.3893	.00588	-.01874
Stddev	.109	.00023	.2642	.00077	.432	.0941	.00040	.01399
%RSD	.20709	1.2592	11.986	.73889	1.2088	6.7705	6.7709	74.644

#1	52.560	.01785	2.4818	-.10463	35.963	1.4838	.00581	-.00343
#2	52.424	.01772	2.1742	-.10321	35.972	1.3886	.00552	-.02194
#3	52.345	.01816	1.9560	-.10341	35.220	1.2957	.00631	-.03086

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11754	.00404	-.00206	.02821	-.00979	.0829	.00704	9.0287
Stddev	.00476	.00178	.00061	.00180	.00103	.0085	.00005	.4935
%RSD	4.0540	43.981	29.724	6.3645	10.486	10.29	.76730	5.4657

#1	.11892	.00565	-.00268	.02733	-.01098	.0731	.00710	8.8328
#2	.12146	.00433	-.00146	.02703	-.00916	.0875	.00699	9.5901
#3	.11223	.00213	-.00205	.03028	-.00924	.0882	.00704	8.6633

Sample Name: LR CHECK 2 Acquired: 4/4/2019 14:44:44 Type: Unk
 Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev 1.9882
 %RSD 138.72

#1 -3.6839
 #2 .08454
 #3 -.70043

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3814.0	75360.	6856.3	99.489	5273.1
Stddev	11.6	144.	26.9	.717	12.0
%RSD	.30404	.19117	.39164	.72036	.22779

#1	3803.8	75217.	6835.3	100.21	5260.3
#2	3811.6	75358.	6886.6	99.483	5274.8
#3	3826.7	75505.	6847.0	98.775	5284.2

Sample Name: K2227-03DLX10 Acquired: 4/4/2019 14:49:24 Type: Unk
Method: P4-ICP2(v3020) 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	.00704	.00225	.12835	.00313	-.00107	15.244	.18604	.00059
Stddev	.00144	.00026	.00824	.00324	.00145	.054	.00086	.00007
%RSD	20.522	11.571	6.4211	103.52	135.33	.35204	.46139	12.558

#1	.00537	.00253	.13659	.00283	-.00128	15.296	.18627	.00060
#2	.00786	.00221	.12834	.00651	.00047	15.189	.18508	.00066
#3	.00789	.00201	.12011	.00005	-.00241	15.246	.18675	.00052

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00057	228.57	.22371	.00929	.15263	30.394	.79064	10.393
Stddev	.00006	.48	.00040	.00010	.00082	.082	.00234	.094
%RSD	11.223	.20976	.17888	1.0408	.53924	.26975	.29634	.90541

#1	-.00054	229.13	.22327	.00919	.15338	30.390	.79032	10.325
#2	-.00053	228.33	.22381	.00938	.15275	30.315	.78847	10.353
#3	-.00064	228.26	.22405	.00930	.15175	30.478	.79313	10.500

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07580	-.00029	1.5753	.13457	.23268	2.1755	.01819	.01901
Stddev	.00034	.00020	.0281	.00139	.00590	.0071	.00010	.00782
%RSD	.45034	68.444	1.7827	1.0305	2.5362	.32460	.54667	41.154

#1	.07619	-.00023	1.6072	.13497	.23906	2.1827	.01811	.02354
#2	.07555	-.00013	1.5545	.13303	.23158	2.1685	.01830	.00998
#3	.07567	-.00051	1.5641	.13572	.22741	2.1753	.01816	.02351

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.6999	.10961	.00359	.82354	.02084	.3703	.09539	7.5493
Stddev	.0091	.00202	.00073	.00232	.00098	.0022	.00005	.3998
%RSD	.13509	1.8408	20.184	.28142	4.7189	.5848	.04877	5.2953

#1	6.7076	.11134	.00423	.82451	.02150	.3691	.09544	7.9531
#2	6.6899	.10739	.00375	.82089	.02132	.3728	.09538	7.1537
#3	6.7023	.11008	.00280	.82521	.01971	.3690	.09534	7.5412

Sample Name: K2227-03DLX10 Acquired: 4/4/2019 14:49:24 Type: Unk
 Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	15.192
Stddev	2.279
%RSD	15.002

#1	14.843
#2	13.107
#3	17.625

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3828.6	72615.	6876.8	98.866	5059.2
Stddev	7.9	406.	52.3	1.241	7.6
%RSD	.20700	.55856	.76013	1.2555	.15099

#1	3820.2	72318.	6816.9	100.29	5050.4
#2	3829.7	73078.	6900.1	98.264	5064.0
#3	3835.9	72451.	6913.3	98.041	5063.2

Sample Name: K2227-05DLX10 Acquired: 4/4/2019 14:53:40 Type: Unk
Method: P4-ICP2(v3020) 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	.00602	.00020	.07912	.00309	-.00165	16.713	.17756	.00056
Stddev	.00157	.00056	.00173	.00206	.00226	.023	.00046	.00003
%RSD	26.052	273.60	2.1886	66.540	137.23	.14024	.25860	6.0265

#1	.00756	.00057	.08107	.00420	.00007	16.711	.17714	.00060
#2	.00608	-.00044	.07854	.00072	-.00421	16.737	.17805	.00055
#3	.00442	.00048	.07775	.00436	-.00081	16.691	.17749	.00053

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00039	244.52	.23021	.00937	.13598	23.209	.78606	12.238
Stddev	.00004	.54	.00092	.00034	.00129	.066	.00278	.090
%RSD	8.9539	.21898	.40144	3.5808	.95000	.28562	.35354	.73145

#1	-.00042	245.12	.22918	.00903	.13701	23.273	.78675	12.313
#2	-.00041	244.37	.23097	.00938	.13641	23.211	.78843	12.261
#3	-.00035	244.08	.23048	.00970	.13453	23.141	.78300	12.139

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07297	-.00058	1.0422	.14108	.18698	2.1395	.01538	.00813
Stddev	.00008	.00053	.0073	.00074	.00151	.0171	.00028	.00625
%RSD	.11478	90.536	.70523	.52496	.80894	.80084	1.8226	76.814

#1	.07307	-.00096	1.0391	.14023	.18865	2.1308	.01551	.01361
#2	.07293	-.00080	1.0506	.14160	.18658	2.1284	.01557	.00946
#3	.07292	.00002	1.0370	.14139	.18571	2.1592	.01506	.00133

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.3438	.11402	.00175	1.2464	.02060	.5311	.10285	7.8321
Stddev	.0109	.00043	.00059	.0034	.00229	.0032	.00013	1.0681
%RSD	.17229	.37683	33.420	.26908	11.118	.6052	.13099	13.637

#1	6.3553	.11372	.00110	1.2465	.02047	.5325	.10274	8.9225
#2	6.3336	.11451	.00222	1.2430	.01838	.5274	.10300	6.7878
#3	6.3426	.11382	.00194	1.2497	.02296	.5334	.10281	7.7860

Sample Name: K2227-05DLX10 Acquired: 4/4/2019 14:53:40 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	12.082
Stddev	2.620
%RSD	21.685

#1	13.162
#2	13.990
#3	9.0950

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3811.4	72627.	6696.8	95.706	5006.3
Stddev	11.4	392.	33.9	1.513	9.7
%RSD	.29963	.53991	.50560	1.5808	.19287

#1	3798.8	72216.	6657.7	94.412	4995.4
#2	3814.2	72669.	6717.5	97.369	5013.7
#3	3821.1	72997.	6715.2	95.335	5009.8

Sample Name: K2227-07DLX10 Acquired: 4/4/2019 14:57:55 Type: Unk
Method: P4-ICP2(v3020) 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	.00935	.00037	.07695	.00351	-.00063	15.823	.18309	.00058
Stddev	.00214	.00035	.00092	.00065	.00088	.132	.00104	.00001
%RSD	22.889	94.788	1.2009	18.502	139.54	.83386	.56630	1.4219

#1	.00994	.00007	.07800	.00276	-.00055	15.969	.18423	.00057
#2	.00697	.00076	.07659	.00392	-.00154	15.714	.18220	.00058
#3	.01113	.00028	.07626	.00385	.00021	15.785	.18283	.00059

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00046	242.25	.23221	.01041	.15939	29.742	.83234	12.030
Stddev	.00009	1.28	.00128	.00009	.00089	.009	.00097	.091
%RSD	20.374	.52656	.55058	.81875	.55751	.03144	.11676	.75892

#1	-.00057	242.07	.23323	.01032	.16040	29.752	.83311	12.055
#2	-.00043	243.61	.23262	.01049	.15874	29.733	.83125	11.929
#3	-.00039	241.08	.23078	.01043	.15902	29.741	.83266	12.106

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08517	-.00037	.87851	.13619	.22357	2.4176	.02050	.01072
Stddev	.00070	.00007	.01537	.00052	.00139	.0477	.00041	.01669
%RSD	.82325	20.121	1.7494	.38033	.62382	1.9737	2.0215	155.62

#1	.08585	-.00028	.87735	.13672	.22516	2.4435	.02095	.02684
#2	.08445	-.00039	.86376	.13617	.22303	2.3625	.02014	.01181
#3	.08522	-.00042	.89443	.13569	.22253	2.4467	.02041	-.00648

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.3030	.13329	.00316	.99024	.01545	.6711	.10167	6.9909
Stddev	.0226	.00390	.00010	.00464	.00134	.0024	.00004	.4840
%RSD	.35806	2.9266	3.2983	.46904	8.6436	.3641	.04390	6.9238

#1	6.3263	.13512	.00315	.99051	.01391	.6738	.10162	6.5099
#2	6.3014	.13595	.00306	.99475	.01616	.6691	.10167	6.9848
#3	6.2813	.12882	.00327	.98547	.01629	.6704	.10171	7.4779

Sample Name: K2227-07DLX10 Acquired: 4/4/2019 14:57:55 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	13.686
Stddev	2.500
%RSD	18.266

#1	13.404
#2	11.339
#3	16.315

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3848.9	73492.	6806.4	95.986	5031.1
Stddev	14.8	238.	59.6	.928	13.5
%RSD	.38410	.32352	.87547	.96730	.26912

#1	3833.8	73219.	6814.6	94.914	5016.8
#2	3849.5	73607.	6743.1	96.543	5032.8
#3	3863.4	73650.	6861.4	96.501	5043.7

Sample Name: PB118595BL Acquired: 4/4/2019 15:02:11 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB118595BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00127	-.00104	F .00389	-.00180	-.00101	-.01121	.00151
Stddev	.00143	.00180	.00048	.00207	.00056	.01614	.00055
%RSD	112.96	172.42	12.275	115.50	55.525	144.02	36.273

#1	-.00265	.00098	.00441	.00021	-.00037	-.02797	.00153
#2	.00021	-.00163	.00347	-.00166	-.00130	-.00986	.00095
#3	-.00136	-.00247	.00378	-.00393	-.00137	.00422	.00204

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.00007	-.00137	-.00003	.00003	.00237	.00258
Stddev	.00003	.00003	.00876	.00014	.00010	.00041	.00055
%RSD	193.21	48.291	639.38	505.96	346.22	17.271	21.234

#1	-.00006	-.00003	.00826	-.00011	.00013	.00284	.00240
#2	.00000	-.00010	-.00885	-.00012	.00001	.00211	.00215
#3	.00000	-.00008	-.00351	.00014	-.00006	.00215	.00320

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	.01028	.00008	.00002	-.09395	-.00003	.00149
Stddev	.00003	.00351	.00016	.00015	.00219	.00047	.00019
%RSD	40.968	34.129	197.23	982.82	2.3337	1745.7	12.731

#1	-.00010	.00959	-.00002	.00015	-.09492	-.00057	.00161
#2	-.00004	.00717	.00026	.00004	-.09549	.00029	.00159
#3	-.00008	.01408	-.00001	-.00015	-.09144	.00020	.00127

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10485	-.00003	-.01054	-.00368	.00118	-.00441	.00057
Stddev	.00884	.00023	.00558	.00081	.00245	.00093	.00117
%RSD	8.4264	840.46	52.915	21.923	206.83	20.980	207.79

#1	.10311	.00023	-.00578	-.00409	-.00026	-.00387	-.00044
#2	.11443	-.00008	-.00917	-.00275	.00401	-.00389	.00028
#3	.09702	-.00023	-.01668	-.00421	-.00020	-.00548	.00186

Sample Name: PB118595BL Acquired: 4/4/2019 15:02:11 Type: Unk
 Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB118595BL Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00799	-.0018	.00011	F 4.9050	F<.00000
Stddev	.00102	.0004	.00003	.2280	3.3299
%RSD	12.752	21.12	30.225	4.6475	36.050

#1	-.00873	-.0018	.00007	5.1388	-8.3758
#2	-.00840	-.0021	.00012	4.6834	-12.913
#3	-.00683	-.0014	.00014	4.8927	-6.4221

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4018.6	75619.	6796.1	100.57	5690.5
Stddev	10.2	426.	18.6	1.67	13.0
%RSD	.25301	.56315	.27330	1.6625	.22864

#1	4011.1	75872.	6774.7	98.650	5676.3
#2	4014.7	75127.	6805.4	101.33	5693.2
#3	4030.2	75858.	6808.1	101.73	5701.9

Sample Name: PB118595BS Acquired: 4/4/2019 15:06:38 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB118595BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.76687	1.9314	.97413	1.9976	.75466	1.9053	.19968
Stddev	.00568	.0098	.00519	.0103	.00510	.0119	.00175
%RSD	.74080	.50714	.53238	.51685	.67517	.62664	.87680

#1	.76464	1.9286	.97044	1.9976	.75010	1.8923	.19795
#2	.76265	1.9233	.97190	1.9872	.75373	1.9156	.20145
#3	.77333	1.9423	.98006	2.0079	.76016	1.9081	.19963

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19667	.18841	1.0207	.39375	.19672	.32399	3.0734
Stddev	.00052	.00086	.0110	.00110	.00115	.00095	.0042
%RSD	.26684	.45836	1.0727	.27946	.58261	.29391	.13797

#1	.19727	.18787	1.0211	.39273	.19561	.32296	3.0778
#2	.19642	.18795	1.0096	.39492	.19666	.32418	3.0732
#3	.19632	.18940	1.0315	.39360	.19790	.32483	3.0693

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19957	1.9727	.49590	.07073	2.8512	.29829	.19511
Stddev	.00038	.0388	.00188	.00032	.0347	.00124	.00089
%RSD	.18944	1.9661	.37926	.44998	1.2177	.41652	.45765

#1	.19914	1.9985	.49510	.07110	2.8113	.29948	.19478
#2	.19969	1.9281	.49455	.07052	2.8676	.29839	.19443
#3	.19987	1.9914	.49805	.07058	2.8747	.29700	.19612

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.7947	.38170	.28373	8.7100	.88268	.65671	.19696
Stddev	.0456	.00124	.00446	.0442	.01268	.00501	.00121
%RSD	.46579	.32476	1.5720	.50773	1.4363	.76255	.61522

#1	9.7420	.38107	.28484	8.7302	.89700	.65402	.19585
#2	9.8200	.38091	.28753	8.6592	.87288	.65363	.19678
#3	9.8220	.38313	.27882	8.7404	.87816	.66249	.19825

Sample Name: PB118595BS Acquired: 4/4/2019 15:06:38 Type: Unk
 Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB118595BS Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.18892	5.315	.19449	F 4.8601	F<.00000
Stddev	.00087	.030	.00109	.7479	2.9582
%RSD	.45991	.5566	.56020	15.388	19.209
#1	.18898	5.323	.19522	4.8464	-15.293
#2	.18802	5.282	.19500	5.6148	-12.497
#3	.18975	5.340	.19324	4.1192	-18.411
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4022.7	75612.	6772.6	102.56	5647.8
Stddev	5.1	46.	55.4	.45	9.5
%RSD	.12647	.06051	.81839	.43528	.16805
#1	4017.2	75583.	6712.5	102.18	5638.1
#2	4023.8	75665.	6783.6	102.45	5657.1
#3	4027.2	75588.	6821.7	103.06	5648.3

Sample Name: PB118605BL Acquired: 4/4/2019 15:10:41 Type: Unk
Method: P4-ICP2(v3020) 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
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00039	-.00149	.00191	-.00094	-.00003	-.01208	.00213
Stddev	.00177	.00088	.00057	.00136	.00074	.00347	.00032
%RSD	453.07	59.287	30.011	144.99	2528.7	28.713	15.130

#1	.00075	-.00125	.00127	-.00002	-.00023	-.00835	.00249
#2	.00050	-.00246	.00237	-.00250	.00079	-.01521	.00200
#3	-.00243	-.00075	.00209	-.00030	-.00064	-.01268	.00189

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.00002	-.02026	.00008	.00011	.00152	.00390
Stddev	.00002	.00012	.01269	.00020	.00021	.00014	.00040
%RSD	371.75	591.27	62.609	263.51	187.24	9.4039	10.256

#1	.00000	.00008	-.03482	-.00015	.00026	.00136	.00430
#2	.00001	.00002	-.01442	.00021	.00022	.00156	.00391
#3	-.00003	-.00016	-.01155	.00017	-.00013	.00164	.00350

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00018	.00275	.00001	.00070	-.16749	-.00016	.00029
Stddev	.00007	.00943	.00025	.00035	.01152	.00023	.00013
%RSD	37.124	343.25	2363.1	50.362	6.8783	141.18	44.264

#1	-.00024	.00564	.00027	.00107	-.17385	.00010	.00034
#2	-.00018	.01040	-.00002	.00064	-.17443	-.00032	.00038
#3	-.00011	-.00779	-.00022	.00038	-.15419	-.00027	.00014

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05770	-.00009	-.01581	-.00304	.00128	-.00431	.00226
Stddev	.04849	.00015	.01150	.00104	.00288	.00089	.00053
%RSD	84.028	174.24	72.708	34.218	224.47	20.693	23.256

#1	.11078	-.00001	-.00825	-.00277	.00008	-.00328	.00179
#2	.04661	-.00026	-.02904	-.00419	-.00080	-.00487	.00283
#3	.01572	.00001	-.01015	-.00216	.00457	-.00478	.00217

Sample Name: PB118605BL Acquired: 4/4/2019 15:10:41 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00876	-.0032	.00009	F 4.9248	F<.00000
Stddev	.00112	.0008	.00004	.5862	3.4360
%RSD	12.822	26.26	48.353	11.903	40.525

#1	-.01006	-.0040	.00010	4.7777	-7.6030
#2	-.00810	-.0031	.00012	5.5705	-12.268
#3	-.00812	-.0024	.00004	4.4261	-5.5654

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4010.5	75479.	6735.0	100.64	5679.9
Stddev	10.0	276.	28.7	2.18	15.9
%RSD	.24996	.36509	.42671	2.1647	.27951

#1	3999.3	75237.	6768.0	102.33	5662.4
#2	4013.5	75421.	6715.2	98.183	5693.5
#3	4018.6	75779.	6721.9	101.41	5683.7

Sample Name: PB118605BS Acquired: 4/4/2019 15:15:09 Type: Unk
Method: P4-ICP2(v3020) 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	.76577	1.8825	.96371	1.9335	.79155	1.8831	.20111
Stddev	.00340	.0117	.00290	.0084	.00152	.0058	.00019
%RSD	.44347	.61943	.30096	.43229	.19232	.30772	.09485

#1	.76185	1.8699	.96059	1.9307	.79184	1.8798	.20129
#2	.76782	1.8845	.96422	1.9269	.78990	1.8797	.20091
#3	.76765	1.8930	.96633	1.9429	.79290	1.8898	.20114

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18879	.18539	1.0648	.39285	.19817	.31923	3.0648
Stddev	.00019	.00039	.0069	.00028	.00054	.00030	.0033
%RSD	.10177	.21249	.65013	.07207	.27477	.09339	.10698

#1	.18882	.18493	1.0728	.39254	.19863	.31956	3.0686
#2	.18858	.18558	1.0609	.39309	.19832	.31916	3.0631
#3	.18896	.18564	1.0608	.39294	.19757	.31898	3.0628

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22305	1.9824	.49601	.06979	2.8784	.30081	.19446
Stddev	.00017	.0188	.00042	.00030	.0072	.00022	.00031
%RSD	.07531	.95016	.08525	.42440	.25144	.07372	.15860

#1	.22324	1.9608	.49577	.06981	2.8716	.30102	.19460
#2	.22299	1.9910	.49577	.06948	2.8775	.30058	.19468
#3	.22292	1.9954	.49650	.07007	2.8860	.30081	.19411

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.7363	.41000	.28285	F 3.2046	.90374	.68602	.20679
Stddev	.0534	.00152	.01394	.0406	.00250	.00154	.00301
%RSD	.54847	.36988	4.9292	1.2675	.27682	.22484	1.4554

#1	9.7553	.41010	.27360	3.1581	.90522	.68481	.20709
#2	9.6760	.40843	.27607	3.2229	.90514	.68551	.20364
#3	9.7776	.41146	.29889	3.2328	.90085	.68776	.20963

Sample Name: PB118605BS Acquired: 4/4/2019 15:15:09 Type: Unk
Method: P4-ICP2(v3020) 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	.18572	F 5.204	.19783	F 6.1708	F<.00000
Stddev	.00232	.023	.00020	.1606	1.0101
%RSD	1.2498	.4378	.09899	2.6021	5.3298
#1	.18833	5.178	.19762	6.1886	-17.821
#2	.18390	5.212	.19788	6.0020	-19.764
#3	.18493	5.221	.19800	6.3217	-19.272
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4009.4	77267.	6857.4	101.35	5625.1
Stddev	10.0	224.	18.2	.75	7.7
%RSD	.24850	.28973	.26536	.74391	.13775
#1	4001.0	77101.	6836.8	100.89	5616.2
#2	4020.4	77522.	6864.2	102.22	5628.7
#3	4006.9	77179.	6871.3	100.94	5630.5

Sample Name: PB118596BL Acquired: 4/4/2019 15:19:12 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB118596BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00026	-.00052	.00114	.00072	-.00043	-.01666	.00182
Stddev	.00147	.00069	.00077	.00043	.00131	.01200	.00025
%RSD	564.73	132.96	67.107	59.669	301.11	72.009	13.826

#1	-.00116	-.00010	.00176	.00117	.00102	-.00499	.00203
#2	.00177	-.00132	.00029	.00066	-.00153	-.01603	.00154
#3	.00017	-.00014	.00137	.00032	-.00079	-.02896	.00190

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.00005	-.01978	.00050	.00035	.00126	.00401
Stddev	.00004	.00006	.00842	.00006	.00009	.00005	.00065
%RSD	469.78	126.32	42.579	12.712	24.904	4.1630	16.110

#1	.00003	-.00010	-.02270	.00056	.00044	.00132	.00441
#2	-.00001	.00002	-.01028	.00043	.00030	.00123	.00327
#3	-.00005	-.00007	-.02634	.00050	.00029	.00124	.00436

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00022	.01358	.00011	.00086	-.21636	.00022	.00006
Stddev	.00003	.02918	.00016	.00048	.00293	.00062	.00012
%RSD	13.354	214.80	142.81	55.701	1.3556	280.74	203.02

#1	-.00021	.04162	.00029	.00037	-.21342	-.00044	.00017
#2	-.00026	-.01662	.00007	.00088	-.21637	.00079	.00009
#3	-.00021	.01575	-.00002	.00134	-.21929	.00031	-.00007

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04593	-.00002	-.01100	-.00693	.00181	-.00539	.00095
Stddev	.02940	.00009	.00604	.00094	.00122	.00052	.00177
%RSD	64.004	415.63	54.889	13.621	67.672	9.6108	186.47

#1	.07478	.00002	-.00727	-.00662	.00322	-.00512	.00253
#2	.01602	.00004	-.00776	-.00799	.00110	-.00506	.00127
#3	.04698	-.00013	-.01797	-.00618	.00110	-.00598	-.00096

Sample Name: PB118596BL Acquired: 4/4/2019 15:19:12 Type: Unk
 Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB118596BL Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.01000	-.0020	.00018	F 5.7396	F<.00000
Stddev	.00098	.0018	.00004	.1343	2.7274
%RSD	9.7575	89.90	20.864	2.3396	38.313

#1	-.01096	-.0001	.00014	5.7017	-9.4933
#2	-.00901	-.0022	.00019	5.6284	-4.1398
#3	-.01003	-.0037	.00021	5.8888	-7.7228

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4035.3	76917.	6870.9	101.69	5721.2
Stddev	6.8	137.	38.1	1.09	5.5
%RSD	.16950	.17845	.55382	1.0716	.09625

#1	4031.4	76790.	6827.5	102.66	5717.1
#2	4031.4	77063.	6886.7	101.89	5719.2
#3	4043.2	76899.	6898.6	100.51	5727.5

Sample Name: CCV03 Acquired: 4/4/2019 15:23:40 Type: Unk
Method: P4-ICP2(v3020) 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	5.1173	4.8905	5.0169	5.1500	5.0013	9.7026	10.027	.24725
Stddev	.0116	.0165	.0081	.0080	.0046	.0462	.075	.00085
%RSD	.22582	.33802	.16073	.15615	.09232	.47571	.74483	.34528
#1	5.1265	4.9028	5.0248	5.1580	5.0047	9.6712	9.9586	.24627
#2	5.1044	4.8969	5.0087	5.1419	4.9961	9.6810	10.015	.24786
#3	5.1211	4.8717	5.0172	5.1503	5.0032	9.7555	10.107	.24761
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4535	25.163	.95075	2.5053	1.2657	4.9594	2.3827	24.783
Stddev	.0048	.088	.00199	.0037	.0042	.0091	.0114	.316
%RSD	.19554	.34833	.20883	.14899	.33071	.18360	.47778	1.2735
#1	2.4558	25.062	.94957	2.5069	1.2680	4.9490	2.3758	24.459
#2	2.4480	25.216	.94964	2.5010	1.2609	4.9631	2.3765	24.798
#3	2.4568	25.211	.95304	2.5079	1.2683	4.9661	2.3958	25.090
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5015	1.2304	24.404	2.4610	2.5280	24.454	5.0073	4.8005
Stddev	.0037	.0036	.223	.0089	.0041	.149	.0083	.0380
%RSD	.14650	.28824	.91482	.36132	.16169	.60837	.16472	.79074
#1	2.5048	1.2272	24.203	2.4509	2.5304	24.484	5.0155	4.7804
#2	2.4975	1.2298	24.364	2.4677	2.5233	24.293	4.9990	4.7769
#3	2.5021	1.2342	24.644	2.4645	2.5303	24.586	5.0074	4.8443
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0996	4.9251	5.0014	5.0911	4.8288	5.060	5.0079	F 9.6108
Stddev	.0103	.0253	.0020	.0248	.0286	.020	.0594	.5331
%RSD	.20110	.51398	.04062	.48669	.59135	.3985	1.1869	5.5464
#1	5.1057	4.9323	5.0037	5.0685	4.8600	5.081	5.0542	9.2974
#2	5.0877	4.9460	5.0000	5.1176	4.8225	5.041	5.0286	10.226
#3	5.1052	4.8969	5.0004	5.0872	4.8040	5.056	4.9409	9.3087

Sample Name: CCV03 Acquired: 4/4/2019 15:23:40 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	5.2401
Stddev	4.3933
%RSD	83.840

#1	1.6388
#2	10.135
#3	3.9465

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3910.6	74857.	6814.7	97.235	5150.3
Stddev	4.1	271.	40.0	1.377	8.3
%RSD	.10406	.36148	.58720	1.4162	.16205

#1	3909.0	75030.	6782.3	98.416	5147.8
#2	3915.2	74997.	6802.3	95.723	5159.6
#3	3907.5	74546.	6859.4	97.566	5143.4

Sample Name: CCB03 Acquired: 4/4/2019 15:27:43 Type: Unk
Method: P4-ICP2(v3020) 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	-.00038	-.00107	.00192	.00144	.00120	-.00556	.00182
Stddev	.00237	.00074	.00048	.00272	.00026	.00931	.00046
%RSD	627.76	69.031	25.008	189.09	21.654	167.47	25.486

#1	-.00206	-.00189	.00242	.00446	.00120	-.01376	.00233
#2	-.00140	-.00048	.00188	-.00080	.00146	.00457	.00144
#3	.00233	-.00083	.00146	.00065	.00094	-.00749	.00168

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.00003	-.00735	.00004	.00026	.00122	.00362
Stddev	.00002	.00002	.01356	.00028	.00010	.00044	.00041
%RSD	79.056	79.759	184.38	731.51	39.927	36.368	11.397

#1	-.00003	-.00005	.00830	-.00009	.00037	.00172	.00395
#2	-.00005	-.00000	-.01522	-.00015	.00025	.00092	.00316
#3	-.00001	-.00003	-.01515	.00036	.00016	.00100	.00374

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00038	.00255	-.00002	.00053	-.23784	-.00000	.00004
Stddev	.00006	.01541	.00018	.00048	.00194	.00026	.00006
%RSD	14.645	605.33	811.89	89.843	.81554	12621.	146.20

#1	-.00042	.00677	.00012	.00056	-.23568	-.00012	.00008
#2	-.00040	.01540	.00003	.00100	-.23943	.00030	.00007
#3	-.00032	-.01454	-.00022	.00004	-.23841	-.00018	-.00003

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05558	.00024	-.00520	-.00752	.00102	-.00058	.00147
Stddev	.01753	.00002	.01054	.00093	.00187	.00081	.00085
%RSD	31.546	6.8866	202.47	12.341	183.90	140.23	57.566

#1	.07134	.00026	-.00990	-.00745	.00317	.00023	.00236
#2	.03669	.00023	-.01258	-.00663	-.00004	-.00057	.00140
#3	.05870	.00025	.00686	-.00848	-.00008	-.00139	.00067

Sample Name: CCB03 Acquired: 4/4/2019 15:27:43 Type: Unk
 Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00688	-0.0036	.00015	F 6.1898	F<.00000
Stddev	.00166	.0001	.00007	.4245	1.5206
%RSD	24.159	3.588	50.525	6.8577	13.515

#1	-0.00614	-0.0037	.00021	6.6508	-9.5703
#2	-0.00571	-0.0035	.00017	5.8151	-11.653
#3	-0.00878	-0.0037	.00006	6.1034	-12.531

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4031.6	76684.	6840.5	100.79	5715.5
Stddev	10.1	259.	67.0	1.77	16.7
%RSD	.25144	.33781	.97987	1.7569	.29200

#1	4023.7	76427.	6765.3	99.533	5698.7
#2	4028.1	76680.	6862.3	100.03	5715.6
#3	4043.0	76945.	6893.9	102.82	5732.1

Sample Name: PB118596BS Acquired: 4/4/2019 15:32:12 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB118596BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.76465	1.8853	.95588	1.9252	.77913	1.8601	.19809
Stddev	.00379	.0131	.00320	.0057	.00315	.0092	.00131
%RSD	.49538	.69705	.33504	.29759	.40384	.49571	.66009

#1	.76194	1.8712	.95234	1.9192	.77777	1.8643	.19761
#2	.76898	1.8972	.95672	1.9306	.77689	1.8495	.19708
#3	.76303	1.8876	.95858	1.9259	.78273	1.8665	.19957

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18667	.18332	1.0441	.38645	.19630	.31570	3.0169
Stddev	.00008	.00083	.0134	.00144	.00037	.00086	.0073
%RSD	.04361	.45437	1.2815	.37199	.19010	.27292	.24308

#1	.18673	.18236	1.0359	.38489	.19587	.31471	3.0091
#2	.18669	.18384	1.0595	.38674	.19649	.31607	3.0236
#3	.18658	.18377	1.0368	.38772	.19654	.31631	3.0180

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21320	1.9196	.49155	.06884	2.7541	.29749	.19294
Stddev	.00050	.0452	.00130	.00093	.0117	.00146	.00049
%RSD	.23392	2.3554	.26536	1.3506	.42521	.48949	.25206

#1	.21268	1.8674	.49020	.06975	2.7441	.29627	.19242
#2	.21324	1.9464	.49163	.06889	2.7513	.29708	.19338
#3	.21367	1.9451	.49280	.06789	2.7670	.29910	.19302

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.5066	.40218	.27490	F 4.1271	.89343	.67768	.20613
Stddev	.0148	.00120	.01371	.0443	.00076	.00352	.00159
%RSD	.15607	.29769	4.9863	1.0724	.08463	.51998	.77327

#1	9.5038	.40083	.27113	4.0763	.89425	.67428	.20452
#2	9.4934	.40261	.26347	4.1475	.89277	.68132	.20771
#3	9.5227	.40311	.29010	4.1575	.89327	.67745	.20616

Sample Name: PB118596BS Acquired: 4/4/2019 15:32:12 Type: Unk
 Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB118596BS Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.18409	5.209	.19467	F 5.8192	F<.00000
Stddev	.00115	.038	.00118	.1513	1.9022
%RSD	.62597	.7319	.60615	2.5998	10.698
#1	.18323	5.167	.19390	5.9773	-18.804
#2	.18540	5.242	.19602	5.6759	-15.585
#3	.18363	5.218	.19408	5.8043	-18.951
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4061.2	78175.	6902.8	103.49	5688.2
Stddev	8.1	177.	47.7	1.79	2.6
%RSD	.19914	.22616	.69166	1.7343	.04525
#1	4053.0	78013.	6894.2	103.16	5687.3
#2	4061.3	78148.	6859.9	101.88	5686.3
#3	4069.2	78364.	6954.2	105.43	5691.2

Sample Name: PB118608BL Acquired: 4/4/2019 15:36:17 Type: Unk
Method: P4-ICP2(v3020) 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	-.00156	-.00145	.00062	.00095	-.00035	-.00509	.00162
Stddev	.00116	.00085	.00039	.00085	.00141	.00423	.00036
%RSD	74.319	58.371	63.464	89.720	396.96	83.116	22.340

#1	-.00263	-.00178	.00093	-.00003	.00126	-.00996	.00186
#2	-.00172	-.00208	.00076	.00152	-.00131	-.00221	.00121
#3	-.00033	-.00049	.00018	.00134	-.00102	-.00312	.00181

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.00003	-.00880	.00021	.00016	.00071	.00442
Stddev	.00002	.00004	.01749	.00020	.00018	.00024	.00015
%RSD	83.433	141.63	198.80	97.883	112.52	34.092	3.3802

#1	.00002	.00001	-.02378	.00005	.00023	.00093	.00453
#2	.00005	-.00006	.01042	.00044	.00030	.00074	.00449
#3	.00001	-.00003	-.01302	.00013	-.00004	.00045	.00425

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00031	.01207	-.00004	.00081	-.25050	.00018	-.00039
Stddev	.00007	.01049	.00015	.00012	.00934	.00025	.00016
%RSD	21.566	86.859	363.59	14.828	3.7282	136.86	39.997

#1	-.00026	.00854	.00012	.00094	-.25960	.00001	-.00029
#2	-.00039	.02387	-.00008	.00077	-.25097	.00007	-.00030
#3	-.00029	.00381	-.00016	.00071	-.24094	.00046	-.00057

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01102	-.00016	-.01052	-.00423	-.00284	-.00360	-.00008
Stddev	.01936	.00022	.01820	.00287	.00132	.00077	.00209
%RSD	175.65	134.43	173.00	67.805	46.606	21.357	2564.7

#1	.01379	-.00028	.00260	-.00232	-.00150	-.00284	.00225
#2	.02886	.00009	-.03130	-.00284	-.00286	-.00438	-.00073
#3	-.00957	-.00031	-.00286	-.00753	-.00414	-.00359	-.00176

Sample Name: PB118608BL Acquired: 4/4/2019 15:36:17 Type: Unk
 Method: P4-ICP2(v3020) 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	-.00881	-.0027	.00010	F 6.1858	F<.00000
Stddev	.00120	.0010	.00006	.1849	2.7267
%RSD	13.591	38.80	57.302	2.9896	33.733

#1	-.00750	-.0016	.00017	6.0078	-10.765
#2	-.00908	-.0029	.00008	6.3769	-8.1714
#3	-.00984	-.0036	.00006	6.1726	-5.3134

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4025.4	76830.	6797.1	101.39	5707.7
Stddev	5.7	372.	28.9	1.40	5.3
%RSD	.14196	.48456	.42503	1.3811	.09308

#1	4031.2	76431.	6775.6	102.61	5713.7
#2	4025.4	76893.	6829.9	101.69	5703.5
#3	4019.8	77167.	6785.7	99.858	5706.0

Sample Name: PB118608BS Acquired: 4/4/2019 15:40:46 Type: Unk
Method: P4-ICP2(v3020) 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	.72551	1.7648	.90582	1.8454	.73780	1.7911	.19302
Stddev	.00200	.0003	.00041	.0152	.00319	.0427	.00381
%RSD	.27603	.01737	.04478	.82376	.43294	2.3839	1.9734

#1	.72477	1.7644	.90583	1.8523	.73644	1.7446	.18904
#2	.72778	1.7650	.90622	1.8559	.74145	1.8002	.19337
#3	.72399	1.7648	.90541	1.8279	.73551	1.8286	.19663

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17524	.17458	.97962	.36780	.18774	.30058	2.8463
Stddev	.00047	.00041	.00952	.00179	.00049	.00065	.0073
%RSD	.26695	.23262	.97149	.48636	.26267	.21705	.25825

#1	.17526	.17415	.97962	.36663	.18831	.30049	2.8396
#2	.17569	.17495	.98914	.36986	.18743	.30127	2.8542
#3	.17476	.17465	.97011	.36691	.18749	.29997	2.8452

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18509	1.8178	.46979	.06500	2.6187	.28497	.17871
Stddev	.00067	.0713	.00085	.00079	.0449	.00049	.00021
%RSD	.36260	3.9209	.18160	1.2151	1.7163	.17025	.11997

#1	.18446	1.7426	.47021	.06417	2.5701	.28444	.17876
#2	.18500	1.8263	.47035	.06574	2.6270	.28539	.17890
#3	.18580	1.8844	.46881	.06510	2.6589	.28509	.17848

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.2125	.39167	.26195	F -.01343	.83416	.63947	.19528
Stddev	.1192	.00132	.01485	.00058	.01491	.00274	.00088
%RSD	1.2938	.33690	5.6687	4.2938	1.7877	.42890	.45194

#1	9.0936	.39196	.25725	-.01401	.84631	.64094	.19514
#2	9.2120	.39282	.25003	-.01286	.83865	.64116	.19447
#3	9.3320	.39023	.27859	-.01343	.81752	.63631	.19622

Sample Name: PB118608BS Acquired: 4/4/2019 15:40:46 Type: Unk
Method: P4-ICP2(v3020) 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	.17519	4.948	.18705	F 4.7571	F<.00000
Stddev	.00123	.022	.00117	.4477	1.4155
%RSD	.70494	.4492	.62441	9.4116	5.9394
#1	.17614	4.968	.18840	5.1896	-24.469
#2	.17563	4.952	.18642	4.7861	-24.820
#3	.17380	4.924	.18633	4.2956	-22.211
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4022.2	78142.	6965.8	101.71	5658.9
Stddev	9.6	169.	126.7	.97	17.8
%RSD	.23978	.21687	1.8184	.95670	.31481
#1	4011.1	78306.	6838.3	100.82	5639.2
#2	4027.4	77968.	6967.3	101.55	5674.0
#3	4028.2	78151.	7091.6	102.75	5663.3

Sample Name: PB118621BL Acquired: 4/4/2019 15:44:53 Type: Unk
Method: P4-ICP2(v3020) 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	-.00107	.00002	.00022	.00163	.00151	-.00678	.00209
Stddev	.00161	.00019	.00055	.00111	.00088	.01162	.00014
%RSD	151.43	818.38	255.68	68.248	58.441	171.37	6.8594

#1	.00071	-.00000	.00085	.00085	.00054	.00385	.00222
#2	-.00245	-.00015	-.00016	.00291	.00171	-.00501	.00210
#3	-.00145	.00023	-.00004	.00114	.00227	-.01919	.00194

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.00007	-.00887	.00009	.00016	.00050	.00341
Stddev	.00003	.00006	.00633	.00036	.00013	.00030	.00066
%RSD	178.62	76.531	71.395	385.08	83.812	61.274	19.369

#1	-.00000	-.00006	-.00798	-.00020	.00004	.00074	.00266
#2	.00001	-.00014	-.01559	-.00002	.00013	.00015	.00363
#3	-.00005	-.00003	-.00302	.00049	.00030	.00060	.00392

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00037	-.01901	.00030	.00027	-.27263	.00022	-.00049
Stddev	.00005	.03920	.00034	.00033	.01293	.00032	.00004
%RSD	12.504	206.18	113.78	122.18	4.7420	143.82	8.9714

#1	-.00032	-.06179	.00019	.00046	-.26460	.00007	-.00052
#2	-.00038	.01519	.00069	-.00011	-.26574	.00059	-.00052
#3	-.00041	-.01043	.00003	.00046	-.28754	.00000	-.00044

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00164	-.00019	-.01587	-.00468	.00026	-.00459	.00146
Stddev	.02825	.00025	.01095	.00151	.00114	.00087	.00116
%RSD	1721.9	134.24	69.001	32.201	431.81	18.908	79.458

#1	-.03137	.00007	-.02171	-.00582	.00148	-.00543	.00014
#2	.02485	-.00043	-.00324	-.00524	.00009	-.00463	.00231
#3	.00160	-.00021	-.02267	-.00297	-.00077	-.00370	.00192

Sample Name: PB118621BL Acquired: 4/4/2019 15:44:53 Type: Unk
 Method: P4-ICP2(v3020) 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 -.01002	-.0028	.00017	F 5.2912	F<.00000
Stddev	.00121	.0020	.00002	.7222	1.1143
%RSD	12.118	72.02	13.314	13.648	16.189

#1	-.00976	-.0049	.00015	6.0953	-6.2119
#2	-.01134	-.0009	.00020	4.6979	-8.1693
#3	-.00896	-.0027	.00017	5.0804	-6.2680

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4068.9	77476.	6944.6	101.92	5737.6
Stddev	.6	303.	20.8	1.63	11.8
%RSD	.01562	.39106	.29942	1.6005	.20501

#1	4068.3	77567.	6961.0	100.50	5725.0
#2	4069.6	77138.	6921.2	101.55	5748.3
#3	4068.8	77723.	6951.7	103.70	5739.5

Sample Name: PB118621BS Acquired: 4/4/2019 15:49:19 Type: Unk
Method: P4-ICP2(v3020) 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	.73094	1.7665	.91312	1.8400	.75073	1.8076	.19409
Stddev	.00261	.0051	.00122	.0107	.00093	.0158	.00180
%RSD	.35647	.28934	.13347	.58357	.12341	.87561	.92801

#1	.73354	1.7655	.91172	1.8412	.74971	1.8043	.19457
#2	.73096	1.7720	.91379	1.8501	.75152	1.8249	.19560
#3	.72833	1.7619	.91387	1.8287	.75098	1.7938	.19210

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17701	.17567	.98792	.37129	.18951	.30274	2.8927
Stddev	.00023	.00044	.01919	.00017	.00020	.00045	.0050
%RSD	.12793	.24901	1.9424	.04525	.10520	.14913	.17249

#1	.17713	.17565	.97499	.37146	.18954	.30278	2.8896
#2	.17675	.17612	.97881	.37112	.18929	.30318	2.8901
#3	.17715	.17524	1.0100	.37130	.18968	.30228	2.8985

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18643	1.8841	.47418	.06584	2.6254	.28860	.18085
Stddev	.00047	.0101	.00137	.00042	.0234	.00083	.00030
%RSD	.25206	.53687	.28890	.64519	.89332	.28907	.16598

#1	.18674	1.8899	.47545	.06620	2.6108	.28787	.18074
#2	.18666	1.8900	.47435	.06537	2.6524	.28841	.18119
#3	.18589	1.8724	.47273	.06593	2.6129	.28951	.18063

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.2105	.40151	.26573	F -.00880	.84876	.65425	.20088
Stddev	.0462	.00081	.00853	.00044	.00835	.00062	.00103
%RSD	.50153	.20059	3.2092	4.9974	.98380	.09492	.51267

#1	9.1979	.40146	.26731	-.00854	.84556	.65467	.19972
#2	9.2617	.40234	.25653	-.00855	.84247	.65455	.20170
#3	9.1719	.40073	.27336	-.00931	.85823	.65354	.20121

Sample Name: PB118621BS Acquired: 4/4/2019 15:49:19 Type: Unk
Method: P4-ICP2(v3020) 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	.17678	4.944	.18885	F 5.0707	F<.00000
Stddev	.00079	.023	.00141	.2088	.60408
%RSD	.44893	.4610	.74823	4.1173	2.6723
#1	.17588	4.948	.18901	5.1742	-23.209
#2	.17740	4.964	.18737	4.8304	-22.607
#3	.17706	4.919	.19018	5.2075	-22.000
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4056.6	79000.	7025.9	103.58	5704.4
Stddev	13.7	38.	55.8	3.03	15.5
%RSD	.33761	.04808	.79439	2.9219	.27148
#1	4041.6	79023.	7006.8	100.72	5689.1
#2	4059.8	79022.	7088.7	106.75	5704.2
#3	4068.4	78957.	6982.1	103.26	5720.0

Sample Name: PB118621TB Acquired: 4/4/2019 15:53:24 Type: Unk
Method: P4-ICP2(v3020) 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	-.00325	-.00208	.00030	.00248	-.00084	-.00450	.00158
Stddev	.00077	.00078	.00075	.00167	.00123	.01542	.00018
%RSD	23.553	37.424	249.82	67.475	145.80	342.84	11.431

#1	-.00243	-.00143	-.00013	.00064	.00058	-.02204	.00138
#2	-.00337	-.00188	.00117	.00290	-.00160	.00162	.00173
#3	-.00395	-.00294	-.00013	.00391	-.00150	.00692	.00163

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	-.00012	.03566	.00130	.00001	.00078	-.00095
Stddev	.00005	.00004	.00297	.00009	.00026	.00034	.00050
%RSD	55.917	35.936	8.3315	7.2149	2702.7	43.251	52.145

#1	-.00005	-.00008	.03763	.00120	.00003	.00053	-.00149
#2	-.00015	-.00017	.03225	.00133	-.00026	.00116	-.00051
#3	-.00007	-.00012	.03711	.00138	.00026	.00064	-.00086

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00073	-.00553	.00230	.00178	F 331.28	.00006	F .02883
Stddev	.00004	.01126	.00071	.00007	.70	.00031	.00014
%RSD	5.9693	203.80	30.928	3.8466	.21205	554.41	.48334

#1	-.00076	-.01852	.00208	.00171	331.33	.00036	.02876
#2	-.00074	.00062	.00173	.00184	330.55	.00007	.02899
#3	-.00068	.00133	.00310	.00180	331.96	-.00026	.02874

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07401	-.00004	-.00065	.00463	.00544	-.00359	.00114
Stddev	.02260	.00015	.01344	.00092	.00103	.00079	.00053
%RSD	30.538	364.21	2060.4	19.911	18.882	21.923	46.634

#1	.09962	.00007	.00041	.00387	.00628	-.00320	.00054
#2	.05685	.00002	.01223	.00565	.00429	-.00307	.00133
#3	.06557	-.00021	-.01459	.00435	.00574	-.00449	.00155

Sample Name: PB118621TB Acquired: 4/4/2019 15:53:24 Type: Unk
Method: P4-ICP2(v3020) 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 -.01040	-.0050	.00012	8.3285	<.00000
Stddev	.00252	.0011	.00001	.5730	.25549
%RSD	24.233	21.93	6.3732	6.8805	8.4709
#1	-.00803	-.0043	.00013	8.0256	-2.7315
#2	-.01305	-.0062	.00011	8.9894	-3.2257
#3	-.01011	-.0043	.00013	7.9704	-3.0912
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3855.3	74688.	6957.2	101.49	5081.9
Stddev	2.9	88.	48.8	1.13	5.3
%RSD	.07469	.11784	.70178	1.1097	.10393
#1	3852.4	74587.	6902.1	102.65	5082.2
#2	3855.2	74732.	6995.2	101.43	5076.5
#3	3858.2	74745.	6974.3	100.40	5087.1

Sample Name: PB118625BL Acquired: 4/4/2019 15:57:59 Type: Unk
Method: P4-ICP2(v3020) 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	-.00100	-.00024	-.00047	.00005	-.00964	.00220
Stddev	.00080	.00106	.00069	.00220	.00119	.00939	.00012
%RSD	282.85	105.84	289.66	470.82	2344.5	97.389	5.6484

#1	-.00118	-.00221	-.00009	.00069	-.00084	-.01543	.00207
#2	.00038	-.00051	.00036	-.00300	-.00041	.00119	.00231
#3	-.00005	-.00027	-.00100	.00091	.00140	-.01470	.00224

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.00006	-.00907	.00020	.00012	-.00015	.00224
Stddev	.00005	.00005	.01031	.00021	.00008	.00022	.00042
%RSD	593.71	84.485	113.64	105.22	66.878	151.43	18.621

#1	.00007	-.00011	-.01161	-.00001	.00020	-.00029	.00254
#2	-.00001	-.00003	.00227	.00042	.00004	.00011	.00242
#3	-.00003	-.00003	-.01788	.00019	.00012	-.00026	.00176

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00044	-.02000	.00023	.00023	-.06706	.00001	-.00068
Stddev	.00001	.00321	.00023	.00026	.03375	.00022	.00006
%RSD	1.7080	16.067	100.18	112.86	50.326	2026.7	9.3825

#1	-.00044	-.02308	.00036	.00013	-.03341	-.00023	-.00072
#2	-.00043	-.01667	.00036	.00053	-.06686	.00008	-.00061
#3	-.00043	-.02024	-.00004	.00004	-.10090	.00019	-.00072

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03750	.00006	-.00492	-.00561	.00153	-.00429	.00193
Stddev	.02788	.00021	.01637	.00341	.00270	.00103	.00062
%RSD	74.331	345.68	332.95	60.860	176.82	24.055	32.094

#1	.01816	-.00018	-.01496	-.00344	-.00048	-.00505	.00165
#2	.06946	.00021	.01397	-.00954	.00047	-.00471	.00265
#3	.02489	.00016	-.01376	-.00384	.00459	-.00312	.00151

Sample Name: PB118625BL Acquired: 4/4/2019 15:57:59 Type: Unk
Method: P4-ICP2(v3020) 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	-.00839	-.0035	.00016	F 5.3749	F<.00000
Stddev	.00161	.0003	.00002	.4644	3.2290
%RSD	19.174	9.182	10.429	8.6406	27.049

#1	-.00966	-.0037	.00018	5.2223	-10.882
#2	-.00658	-.0031	.00016	5.8965	-9.3684
#3	-.00893	-.0037	.00014	5.0060	-15.562

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4080.1	78146.	6932.1	103.19	5744.3
Stddev	4.2	328.	24.5	1.76	10.0
%RSD	.10309	.41948	.35272	1.7014	.17438

#1	4081.7	78117.	6906.5	105.11	5742.9
#2	4075.3	78488.	6934.6	101.66	5735.1
#3	4083.2	77834.	6955.2	102.82	5755.0

Sample Name: PB118625BS Acquired: 4/4/2019 16:02:26 Type: Unk
Method: P4-ICP2(v3020) 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	.77050	1.8762	.95975	1.9898	.76297	1.8021	.19228
Stddev	.03194	.0728	.03884	.0703	.02987	.0112	.00057
%RSD	4.1458	3.8797	4.0466	3.5317	3.9143	.62376	.29460

#1	.75104	1.8322	.93856	1.9503	.74631	1.7963	.19182
#2	.75309	1.8362	.93610	1.9481	.74516	1.7950	.19212
#3	.80737	1.9602	1.0046	2.0709	.79745	1.8150	.19291

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18675	.18383	.98251	.36682	.19491	.32033	2.9296
Stddev	.00030	.00723	.00995	.00063	.00783	.01291	.0035
%RSD	.15935	3.9320	1.0131	.17166	4.0170	4.0296	.11896

#1	.18641	.17931	.97112	.36619	.19037	.31333	2.9268
#2	.18694	.18001	.98954	.36682	.19040	.31244	2.9286
#3	.18690	.19217	.98686	.36745	.20395	.33523	2.9335

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18635	1.8763	.49159	.06782	2.6186	.28468	.19298
Stddev	.00097	.0225	.01919	.00013	.0221	.00117	.00762
%RSD	.52067	1.1987	3.9045	.18916	.84351	.40985	3.9510

#1	.18538	1.8656	.47968	.06790	2.5948	.28352	.18824
#2	.18732	1.8611	.48135	.06789	2.6227	.28467	.18893
#3	.18633	1.9021	.51373	.06767	2.6384	.28586	.20178

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.2850	.38773	.26403	8.7525	.86517	.66579	.19601
Stddev	.0602	.01420	.01441	.3502	.00298	.02726	.00271
%RSD	.64893	3.6631	5.4592	4.0008	.34422	4.0948	1.3820

#1	9.2575	.37815	.25972	8.5506	.86307	.65051	.19420
#2	9.3541	.38100	.28010	8.5500	.86386	.64960	.19913
#3	9.2434	.40405	.25226	9.1568	.86858	.69727	.19471

Sample Name: PB118625BS Acquired: 4/4/2019 16:02:26 Type: Unk
 Method: P4-ICP2(v3020) 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	.17748	5.320	.18752	F 6.6928	F<.00000
Stddev	.00064	.222	.00103	.4490	8.4037
%RSD	.36228	4.163	.54665	6.7086	64.414
#1	.17752	5.196	.18637	7.1647	-11.876
#2	.17811	5.187	.18835	6.6426	-21.974
#3	.17682	5.575	.18784	6.2709	-5.2892
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3983.3	78187.	6914.7	103.36	5586.6
Stddev	123.1	256.	48.4	2.12	177.8
%RSD	3.0915	.32724	.70053	2.0534	3.1824
#1	4055.0	78183.	6921.8	103.63	5691.7
#2	4053.8	77933.	6863.1	101.12	5686.8
#3	3841.1	78445.	6959.2	105.34	5381.3

Sample Name: PB118625TB Acquired: 4/4/2019 16:06:30 Type: Unk
Method: P4-ICP2(v3020) 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	-.00298	-.00304	-.00005	.00097	-.00129	-.00978	.00136	-.00006
Stddev	.00152	.00015	.00051	.00223	.00164	.00599	.00017	.00005
%RSD	50.982	4.8324	1000.4	229.66	126.74	61.254	12.196	77.443
#1	-.00393	-.00290	-.00050	.00204	-.00041	-.00327	.00128	-.00011
#2	-.00123	-.00303	-.00016	.00247	-.00029	-.01506	.00125	-.00002
#3	-.00379	-.00319	.00051	-.00159	-.00318	-.01101	.00155	-.00005
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	.00192	.00113	-.00011	-.00021	-.00400	-.00089	.00015
Stddev	.00005	.01713	.00029	.00010	.00035	.00029	.00002	.00572
%RSD	58.956	890.26	25.476	93.908	166.77	7.3164	2.1927	3798.2
#1	-.00013	-.01781	.00134	-.00016	.00015	-.00419	-.00090	-.00518
#2	-.00009	.01064	.00125	.00001	-.00055	-.00366	-.00091	-.00057
#3	-.00003	.01294	.00080	-.00018	-.00023	-.00414	-.00087	.00620
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00163	.00161	F 318.13	.00031	-.00016	.04286	.00011	-.00514
Stddev	.00040	.00034	.93	.00030	.00004	.01449	.00032	.01651
%RSD	24.346	21.098	.29127	95.538	24.822	33.805	281.12	321.01
#1	.00206	.00129	317.12	.00055	-.00021	.04983	.00006	.00388
#2	.00156	.00159	318.31	.00040	-.00013	.02621	.00046	-.02420
#3	.00127	.00197	318.95	-.00002	-.00016	.05256	-.00018	.00489
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00102	.00556	-.00452	.00090	-.00894	-.0040	.00016	9.0197
Stddev	.00205	.00169	.00020	.00155	.00128	.0012	.00010	.3611
%RSD	200.05	30.289	4.4610	172.39	14.337	30.97	61.907	4.0038
#1	.00309	.00656	-.00455	.00266	-.00870	-.0042	.00026	9.2101
#2	-.00100	.00651	-.00471	.00032	-.01033	-.0051	.00006	9.2458
#3	.00098	.00362	-.00431	-.00028	-.00780	-.0026	.00015	8.6032

Sample Name: PB118625TB Acquired: 4/4/2019 16:06:30 Type: Unk
 Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	3.0397
%RSD	127.53

#1	-5.7850
#2	-1.4322
#3	.06679

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3844.6	74583.	6999.6	102.56	5083.0
Stddev	10.6	132.	66.2	2.83	14.6
%RSD	.27657	.17664	.94647	2.7573	.28766

#1	3836.6	74728.	6923.2	99.300	5085.9
#2	3840.7	74550.	7040.8	104.11	5067.2
#3	3856.7	74470.	7034.8	104.28	5096.0

Sample Name: PB118617BL Acquired: 4/4/2019 16:11:06 Type: Unk
Method: P4-ICP2(v3020) 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	-.00139	-.00203	-.00075	.00145	-.00037	-.01357	.00175
Stddev	.00139	.00059	.00069	.00113	.00097	.00335	.00006
%RSD	100.15	28.929	92.215	78.007	262.32	24.680	3.5555

#1	-.00294	-.00153	-.00107	.00046	-.00129	-.01346	.00170
#2	-.00025	-.00189	-.00123	.00268	.00064	-.01028	.00174
#3	-.00097	-.00267	.00004	.00120	-.00047	-.01698	.00182

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.00004	-.00746	.00027	.00031	-.00009	.00235
Stddev	.00002	.00003	.02043	.00025	.00019	.00031	.00107
%RSD	70.150	80.159	274.00	91.251	61.265	337.66	45.450

#1	.00005	-.00000	-.02847	.00001	.00049	-.00044	.00304
#2	.00001	-.00005	-.00625	.00029	.00011	.00015	.00290
#3	.00004	-.00007	.01234	.00050	.00032	.00002	.00112

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00045	-.00524	.00049	.00033	-.05307	.00054	-.00070
Stddev	.00006	.02821	.00007	.00017	.01953	.00030	.00007
%RSD	12.902	538.71	14.613	50.771	36.804	54.820	10.505

#1	-.00043	.01951	.00046	.00014	-.03634	.00085	-.00078
#2	-.00051	-.03596	.00045	.00038	-.04833	.00050	-.00070
#3	-.00040	.00074	.00058	.00046	-.07453	.00026	-.00063

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01285	-.00010	-.02349	-.00519	.00116	-.00526	-.00018
Stddev	.01010	.00015	.01169	.00090	.00221	.00038	.00013
%RSD	78.593	147.38	49.765	17.451	190.12	7.2810	71.965

#1	-.00162	.00005	-.01608	-.00503	-.00104	-.00487	-.00008
#2	-.02118	-.00025	-.01743	-.00437	.00337	-.00564	-.00033
#3	-.01576	-.00011	-.03697	-.00616	.00115	-.00526	-.00014

Sample Name: PB118617BL Acquired: 4/4/2019 16:11:06 Type: Unk
 Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00879	-0.0031	.00012	F 5.3767	F<.00000
Stddev	.00117	.0021	.00004	.6833	1.1178
%RSD	13.292	67.34	33.270	12.708	20.167

#1	-0.01012	-0.0054	.00011	4.5966	-4.3072
#2	-0.00792	-0.0014	.00017	5.8690	-5.8375
#3	-0.00834	-0.0025	.00009	5.6646	-6.4838

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4070.8	77922.	6914.4	102.56	5739.8
Stddev	2.9	447.	36.3	.40	9.7
%RSD	.07061	.57381	.52517	.39440	.16861

#1	4067.5	77497.	6911.3	102.68	5728.9
#2	4072.8	77880.	6952.2	102.89	5742.9
#3	4072.2	78388.	6879.8	102.11	5747.5

Sample Name: CCV04 Acquired: 4/4/2019 16:20:01 Type: Unk
 Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV14808 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1281	4.7975	4.9924	5.1496	4.9783	9.7246	9.9651	.24426
Stddev	.0089	.0180	.0117	.0113	.0104	.0380	.0791	.00091
%RSD	.17374	.37608	.23347	.21907	.20957	.39116	.79343	.37195
#1	5.1333	4.7851	4.9791	5.1605	4.9887	9.7685	9.9415	.24324
#2	5.1331	4.8182	5.0008	5.1502	4.9784	9.7011	9.9004	.24498
#3	5.1178	4.7891	4.9973	5.1380	4.9678	9.7042	10.053	.24458
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4300	24.858	.92702	2.4927	1.2686	4.8616	2.3389	24.740
Stddev	.0025	.165	.00066	.0037	.0013	.0051	.0092	.091
%RSD	.10110	.66237	.07119	.14657	.09868	.10531	.39495	.36607
#1	2.4273	24.712	.92641	2.4889	1.2689	4.8598	2.3300	24.755
#2	2.4307	24.826	.92772	2.4933	1.2696	4.8577	2.3382	24.642
#3	2.4321	25.037	.92691	2.4961	1.2672	4.8674	2.3484	24.822
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5013	1.2192	24.076	2.4260	2.5239	24.360	4.9980	4.8363
Stddev	.0034	.0017	.237	.0036	.0024	.091	.0097	.0125
%RSD	.13595	.14265	.98528	.14905	.09548	.37504	.19409	.25842
#1	2.4977	1.2176	23.966	2.4250	2.5212	24.341	5.0082	4.8223
#2	2.5016	1.2191	23.915	2.4300	2.5258	24.280	4.9971	4.8463
#3	2.5045	1.2210	24.349	2.4229	2.5248	24.460	4.9888	4.8402
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0693	4.8491	4.9664	5.0602	4.7606	5.040	4.9407	F 8.7505
Stddev	.0169	.0323	.0125	.0109	.0400	.022	.0403	.2422
%RSD	.33300	.66640	.25096	.21624	.84102	.4368	.81559	2.7681
#1	5.0717	4.8129	4.9619	5.0516	4.7568	5.046	4.9052	9.0155
#2	5.0849	4.8593	4.9804	5.0565	4.7225	5.059	4.9325	8.5405
#3	5.0514	4.8751	4.9567	5.0725	4.8023	5.016	4.9845	8.6956

Sample Name: CCV04 Acquired: 4/4/2019 16:20:01 Type: Unk
 Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV14808 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 6.7585
Stddev	3.0586
%RSD	45.257

#1	9.4626
#2	3.4389
#3	7.3738

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3923.4	76415.	7015.6	101.01	5170.7
Stddev	6.8	263.	43.8	.19	6.9
%RSD	.17407	.34416	.62478	.18566	.13394

#1	3917.5	76578.	7042.8	101.00	5174.0
#2	3930.9	76555.	7038.9	100.82	5175.2
#3	3921.7	76112.	6965.0	101.20	5162.7

Sample Name: CCB04 Acquired: 4/4/2019 16:24:08 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14808 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00025	-.00101	.00021	-.00277	.00159	-.01021	.00193
Stddev	.00086	.00110	.00099	.00179	.00076	.00528	.00023
%RSD	349.66	108.40	467.86	64.499	47.945	51.664	11.706

#1	.00067	-.00073	-.00017	-.00074	.00144	-.01623	.00168
#2	-.00038	-.00009	.00134	-.00410	.00092	-.00641	.00198
#3	-.00103	-.00223	-.00053	-.00347	.00242	-.00799	.00212

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.00005	-.00927	.00042	.00034	.00013	.00219
Stddev	.00000	.00003	.01268	.00017	.00010	.00043	.00068
%RSD	48.234	55.454	136.83	40.397	30.241	328.51	31.017

#1	.00001	-.00002	-.01895	.00027	.00023	.00061	.00229
#2	.00002	-.00004	-.01394	.00039	.00034	-.00021	.00147
#3	.00001	-.00008	.00509	.00061	.00044	-.00001	.00282

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00050	-.02522	.00035	.00044	-.25487	.00039	-.00023
Stddev	.00005	.03448	.00046	.00020	.00409	.00058	.00009
%RSD	10.362	136.72	129.61	45.538	1.6050	150.20	41.299

#1	-.00053	-.06330	-.00017	.00068	-.25913	.00086	-.00016
#2	-.00044	-.01625	.00062	.00030	-.25098	.00056	-.00018
#3	-.00053	.00389	.00061	.00035	-.25450	-.00026	-.00033

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01458	.00024	.00236	-.00552	-.00009	-.00044	.00155
Stddev	.00805	.00030	.01342	.00083	.00083	.00118	.00045
%RSD	55.212	126.08	569.42	15.120	937.22	267.55	29.134

#1	-.00681	.00058	.00333	-.00465	.00087	.00077	.00196
#2	-.01406	-.00000	-.01152	-.00559	-.00055	-.00050	.00107
#3	-.02288	.00014	.01526	-.00632	-.00059	-.00160	.00161

Sample Name: CCB04 Acquired: 4/4/2019 16:24:08 Type: Unk
 Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14808 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00603	-.0019	.00018	F 6.5325	F<.00000
Stddev	.00085	.0013	.00011	.3272	2.8144
%RSD	14.158	70.53	63.520	5.0080	31.077

#1	-.00566	-.0004	.00031	6.5645	-9.6251
#2	-.00542	-.0029	.00010	6.1905	-11.543
#3	-.00700	-.0024	.00013	6.8425	-6.0010

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4045.1	77847.	6927.0	102.48	5707.7
Stddev	10.3	396.	50.2	2.52	9.0
%RSD	.25387	.50915	.72428	2.4608	.15773

#1	4033.7	77450.	6870.3	99.583	5697.4
#2	4053.6	77849.	6945.1	103.63	5713.5
#3	4048.0	78243.	6965.6	104.22	5712.3

Sample Name: PB118617BS Acquired: 4/4/2019 16:28:37 Type: Unk
Method: P4-ICP2(v3020) 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	.74614	1.7778	.92357	1.8828	.75181	1.8199	.19564
Stddev	.00127	.0125	.00235	.0055	.00122	.0219	.00084
%RSD	.16993	.70064	.25456	.29434	.16186	1.2009	.42789

#1	.74688	1.7863	.92153	1.8802	.75190	1.8021	.19468
#2	.74468	1.7635	.92614	1.8791	.75298	1.8134	.19600
#3	.74687	1.7837	.92305	1.8892	.75055	1.8443	.19623

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17987	.17681	1.0022	.36822	.19186	.30594	2.9205
Stddev	.00091	.00020	.0177	.00134	.00029	.00095	.0059
%RSD	.50728	.11381	1.7624	.36362	.14936	.31110	.20142

#1	.17882	.17662	.99985	.36698	.19197	.30486	2.9197
#2	.18046	.17679	1.0209	.36805	.19207	.30630	2.9151
#3	.18033	.17702	.98584	.36964	.19153	.30666	2.9268

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19218	1.8523	.47938	.06697	2.6392	.29080	.18508
Stddev	.00048	.0227	.00093	.00049	.0253	.00234	.00003
%RSD	.24717	1.2280	.19495	.73599	.95748	.80352	.01602

#1	.19199	1.8758	.47831	.06746	2.6150	.28899	.18511
#2	.19183	1.8508	.47979	.06648	2.6374	.28997	.18507
#3	.19272	1.8304	.48004	.06698	2.6654	.29343	.18505

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.3351	.39391	.25892	F 2.1368	.86277	.65490	.19885
Stddev	.0653	.00100	.00726	.0236	.00525	.00130	.00151
%RSD	.69948	.25434	2.8047	1.1047	.60889	.19776	.75993

#1	9.2637	.39277	.25828	2.1262	.86881	.65345	.20057
#2	9.3497	.39438	.26649	2.1203	.85929	.65594	.19772
#3	9.3919	.39460	.25201	2.1639	.86020	.65531	.19828

Sample Name: PB118617BS Acquired: 4/4/2019 16:28:37 Type: Unk
Method: P4-ICP2(v3020) 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	.17815	5.042	.19026	F 5.7453	F<.00000
Stddev	.00043	.029	.00094	.4080	4.7544
%RSD	.24074	.5747	.49636	7.1022	28.626
#1	.17766	5.030	.19083	6.1089	-21.949
#2	.17843	5.021	.19079	5.8230	-15.042
#3	.17836	5.075	.18917	5.3040	-12.836
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4049.1	78945.	6999.1	103.69	5680.2
Stddev	13.8	52.	47.9	2.44	17.9
%RSD	.33958	.06634	.68466	2.3550	.31452
#1	4038.5	79005.	6944.8	100.91	5664.9
#2	4044.2	78913.	7016.9	105.49	5675.9
#3	4064.6	78917.	7035.6	104.66	5699.9

Sample Name: K2195-01 Acquired: 4/4/2019 16:32:42 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NB-07-040319 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04205	.00984	1.1538	.02514	.01176	119.11	.65490
Stddev	.00184	.00022	.0022	.00284	.00210	.60	.00358
%RSD	4.3753	2.1866	.19097	11.316	17.894	.50089	.54699

#1	.04309	.00959	1.1561	.02833	.01374	119.30	.65528
#2	.03993	.00998	1.1517	.02286	.01199	119.59	.65828
#3	.04314	.00995	1.1536	.02423	.00955	118.45	.65114

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00734	.00716	53.415	.18473	.09159	.48600	253.20
Stddev	.00008	.00013	.032	.00192	.00011	.00118	1.07
%RSD	1.0976	1.8676	.06000	1.0403	.12209	.24224	.42076

#1	.00742	.00726	53.430	.18498	.09159	.48490	254.38
#2	.00735	.00721	53.436	.18652	.09170	.48724	252.90
#3	.00726	.00701	53.378	.18270	.09147	.48586	252.31

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.9999	24.884	.17571	-.01027	3.4537	.39341	.78242
Stddev	.0022	.128	.00043	.00023	.0156	.00246	.00091
%RSD	.07464	.51248	.24687	2.2135	.45243	.62554	.11680

#1	2.9991	24.993	.17621	-.01039	3.4630	.39368	.78237
#2	2.9981	24.916	.17553	-.01001	3.4625	.39572	.78153
#3	3.0024	24.744	.17540	-.01042	3.4357	.39082	.78335

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.8445	.00464	-.01829	4.3034	3.3588	.04840	2.0748
Stddev	.0582	.00033	.00550	.0217	.0229	.00109	.0035
%RSD	.59148	7.1615	30.094	.50435	.68048	2.2500	.16788

#1	9.8892	.00455	-.01706	4.3033	3.3373	.04769	2.0720
#2	9.8658	.00436	-.01350	4.2818	3.3828	.04786	2.0738
#3	9.7787	.00501	-.02430	4.3252	3.3564	.04966	2.0787

Sample Name: K2195-01 Acquired: 4/4/2019 16:32:42 Type: Unk
 Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: NB-07-040319 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.10416	5.250	.00264	<.00000	F<.00000
Stddev	.00113	.009	.00133	.66743	4.8988
%RSD	1.0844	.1738	50.271	13.608	7.2639
#1	.10332	5.254	.00115	-4.1534	-62.526
#2	.10544	5.240	.00369	-5.4288	-72.324
#3	.10370	5.257	.00309	-5.1321	-67.472
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4231.8	83477.	7753.6	98.097	5049.5
Stddev	1.8	301.	16.1	.089	6.8
%RSD	.04250	.36098	.20711	.09037	.13391
#1	4232.3	83195.	7752.9	97.996	5045.3
#2	4229.8	83442.	7769.9	98.160	5057.3
#3	4233.3	83795.	7737.8	98.135	5045.9

Sample Name: K2230-01 Acquired: 4/4/2019 16:37:09 Type: Unk

Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000

User: Bin He Custom ID1: RICH-REC-ROA Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01513	.00152	.07244	.00938	.00439	98.391	.57091	.00435
Stddev	.00213	.00217	.00157	.00364	.00180	.282	.00187	.00014
%RSD	14.085	142.31	2.1669	38.744	41.131	.28699	.32699	3.1225
#1	.01407	-.00084	.07222	.00520	.00631	98.098	.56897	.00450
#2	.01373	.00200	.07411	.01175	.00412	98.414	.57108	.00428
#3	.01758	.00341	.07100	.01120	.00273	98.661	.57269	.00426
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00617	1044.2	.13476	.04397	.38592	121.53	2.3045	122.59
Stddev	.00016	.9	.00093	.00020	.00147	.58	.0040	.65
%RSD	2.6728	.09076	.68747	.44591	.38063	.47621	.17477	.53338
#1	.00623	1045.2	.13401	.04409	.38503	120.86	2.3026	121.93
#2	.00630	1044.2	.13447	.04408	.38761	121.85	2.3092	122.62
#3	.00599	1043.3	.13580	.04374	.38512	121.87	2.3018	123.24
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11343	-.00290	12.056	.14529	1.7675	20.417	.00492	.12129
Stddev	.00080	.00003	.064	.00077	.0006	.067	.00024	.00642
%RSD	.70342	1.0567	.52910	.52820	.03664	.32829	4.9321	5.2959
#1	.11435	-.00294	11.989	.14462	1.7674	20.374	.00486	.12574
#2	.11300	-.00288	12.064	.14513	1.7669	20.382	.00519	.11393
#3	.11294	-.00289	12.116	.14613	1.7682	20.494	.00472	.12421
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 27.826	.80132	-.00394	3.9118	.13412	7.272	5.6168	7.9397
Stddev	.038	.00321	.00186	.0137	.00041	.050	.0095	.4613
%RSD	.13634	.40068	47.311	.35074	.30235	.6855	.16936	5.8101
#1	27.868	.80014	-.00180	3.8960	.13385	7.306	5.6084	7.7553
#2	27.815	.80496	-.00478	3.9188	.13459	7.296	5.6271	7.5990
#3	27.794	.79887	-.00522	3.9207	.13393	7.215	5.6149	8.4646

Sample Name: K2230-01 Acquired: 4/4/2019 16:37:09 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RICH-REC-ROA Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	44.853
Stddev	7.428
%RSD	16.560

#1	39.535
#2	53.340
#3	41.684

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3747.6	75025.	7290.4	92.990	4342.3
Stddev	1.7	110.	27.0	1.938	2.3
%RSD	.04611	.14688	.36968	2.0846	.05224

#1	3748.3	75150.	7301.7	94.870	4340.0
#2	3748.9	74944.	7259.6	93.102	4344.6
#3	3745.6	74981.	7309.9	90.998	4342.4

Sample Name: K2231-01 Acquired: 4/4/2019 16:41:47 Type: Unk

Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000

User: Bin He Custom ID1: RICH-REC-ROA Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02336	.00085	.15993	.00305	.00410	93.507	.62719	.00497
Stddev	.00171	.00087	.00119	.00453	.00208	.270	.00304	.00006
%RSD	7.2991	102.05	.74620	148.24	50.679	.28887	.48429	1.1122
#1	.02273	.00143	.15859	-.00043	.00194	93.819	.62632	.00494
#2	.02529	-.00015	.16088	.00817	.00608	93.359	.63056	.00494
#3	.02206	.00128	.16032	.00142	.00427	93.344	.62468	.00503
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00246	1376.0	.11326	.03877	.15687	82.445	1.7202	284.75
Stddev	.00012	15.1	.00036	.00050	.00017	.303	.0057	.71
%RSD	4.8624	1.0955	.32022	1.2871	.11031	.36732	.33369	.24946
#1	.00260	1392.8	.11313	.03855	.15675	82.345	1.7263	284.55
#2	.00243	1363.8	.11367	.03842	.15678	82.204	1.7150	285.55
#3	.00237	1371.2	.11297	.03934	.15707	82.785	1.7192	284.17
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16945	-.00260	12.749	.14592	.46437	28.645	.00718	.11191
Stddev	.00100	.00032	.036	.00103	.00249	.086	.00031	.00677
%RSD	.59163	12.462	.28013	.70728	.53601	.29966	4.3772	6.0496
#1	.16965	-.00234	12.767	.14518	.46289	28.738	.00713	.11616
#2	.17035	-.00296	12.772	.14710	.46298	28.568	.00690	.10410
#3	.16837	-.00250	12.708	.14547	.46724	28.631	.00752	.11547
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 34.867	1.6013	-.00736	2.9886	.21751	3.228	2.7823	10.712
Stddev	.057	.0087	.00108	.0100	.00094	.005	.0204	.437
%RSD	.16365	.54465	14.674	.33318	.43124	.1662	.73469	4.0813
#1	34.933	1.6097	-.00824	3.0001	.21646	3.228	2.8055	10.432
#2	34.830	1.5923	-.00616	2.9826	.21780	3.223	2.7747	11.215
#3	34.839	1.6020	-.00768	2.9831	.21826	3.233	2.7667	10.487

Sample Name: K2231-01 Acquired: 4/4/2019 16:41:47 Type: Unk
 Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RICH-REC-ROA Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	67.171
Stddev	10.725
%RSD	15.966

#1	75.733
#2	55.141
#3	70.638

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3572.8	72198.	7092.7	89.759	4138.2
Stddev	3.7	177.	50.3	1.684	3.8
%RSD	.10232	.24551	.70892	1.8765	.09161

#1	3574.2	71995.	7035.2	89.427	4140.4
#2	3575.6	72280.	7128.1	91.585	4140.3
#3	3568.7	72320.	7114.9	88.266	4133.8

Sample Name: K2232-01 Acquired: 4/4/2019 16:46:14 Type: Unk

Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000

User: Bin He Custom ID1: RICH-REC-ROA Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11577	.00489	.45590	.01005	.01115	138.25	1.0272	.00664
Stddev	.00163	.00329	.00267	.00408	.00100	.69	.0065	.00007
%RSD	1.4036	67.144	.58473	40.636	8.9909	.50074	.63122	.99436
#1	.11465	.00868	.45793	.00765	.01171	139.04	1.0346	.00656
#2	.11764	.00283	.45288	.00773	.01176	137.94	1.0244	.00667
#3	.11502	.00316	.45688	.01476	.01000	137.76	1.0225	.00668
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00765	1365.4	.46456	.06570	.33296	190.28	4.1355	331.53
Stddev	.00008	6.9	.00124	.00038	.00046	.48	.0136	1.96
%RSD	1.0969	.50555	.26762	.58294	.13943	.25429	.32921	.59097
#1	.00772	1357.4	.46563	.06546	.33322	190.65	4.1500	333.79
#2	.00768	1370.0	.46320	.06614	.33323	189.73	4.1334	330.27
#3	.00756	1368.7	.46485	.06550	.33242	190.46	4.1230	330.54
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16924	-.00826	10.477	.30298	.53019	20.625	.00946	.09280
Stddev	.00083	.00021	.077	.00040	.00080	.057	.00041	.00809
%RSD	.48901	2.5364	.73882	.13286	.15178	.27810	4.3735	8.7218
#1	.17002	-.00827	10.563	.30300	.53081	20.674	.00946	.08838
#2	.16837	-.00804	10.457	.30257	.53048	20.637	.00987	.08788
#3	.16933	-.00846	10.412	.30337	.52928	20.562	.00904	.10214
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 36.223	.72112	.01250	3.9495	.25117	6.883	5.9391	7.3964
Stddev	.047	.00394	.00043	.0110	.00224	.015	.0504	.6139
%RSD	.12997	.54635	3.4276	.27802	.89247	.2186	.84816	8.3002
#1	36.169	.72113	.01297	3.9423	.24934	6.876	5.9062	7.5041
#2	36.245	.72505	.01212	3.9441	.25050	6.900	5.9971	6.7357
#3	36.255	.71717	.01241	3.9622	.25367	6.873	5.9141	7.9493

Sample Name: K2232-01 Acquired: 4/4/2019 16:46:14 Type: Unk
 Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RICH-REC-ROA Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	29.143
Stddev	7.629
%RSD	26.177

#1	33.469
#2	33.626
#3	20.334

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3606.7	72972.	7240.5	88.169	4030.3
Stddev	.9	396.	20.5	1.693	3.5
%RSD	.02556	.54299	.28252	1.9198	.08749

#1	3605.7	72521.	7248.3	86.301	4028.1
#2	3606.8	73262.	7217.3	89.600	4028.5
#3	3607.5	73135.	7256.0	88.605	4034.4

Sample Name: K2239-01 Acquired: 4/4/2019 16:50:57 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 390327721 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00360	.00060	.03556	.02017	.00153	8.5298	.70421	.00897
Stddev	.00201	.00043	.00033	.00150	.00021	.0864	.00324	.00011
%RSD	55.697	70.605	.92196	7.4356	13.984	1.0124	.46021	1.2315
#1	.00387	.00103	.03588	.02025	.00176	8.4817	.70216	.00894
#2	.00546	.00017	.03558	.01863	.00134	8.6295	.70795	.00888
#3	.00148	.00061	.03523	.02163	.00150	8.4782	.70253	.00909
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00457	16.493	.02084	.06056	1.0664	78.715	1.8340	2.7941
Stddev	.00005	.034	.00010	.00025	.0010	.664	.0036	.0349
%RSD	1.1642	.20461	.46942	.40480	.08961	.84330	.19489	1.2493
#1	.00454	16.455	.02074	.06051	1.0674	78.297	1.8299	2.7787
#2	.00454	16.505	.02094	.06083	1.0655	79.480	1.8358	2.8340
#3	.00463	16.519	.02085	.06035	1.0662	78.368	1.8362	2.7695
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09213	.00135	2.3959	.02884	1.7311	2.9404	.00486	.00673
Stddev	.00012	.00041	.0377	.00069	.0025	.0270	.00017	.01328
%RSD	.12557	30.043	1.5742	2.3754	.14419	.91870	3.4938	197.20
#1	.09221	.00145	2.3705	.02805	1.7329	2.9125	.00468	-.00851
#2	.09219	.00171	2.4393	.02931	1.7282	2.9664	.00502	.01296
#3	.09200	.00091	2.3780	.02916	1.7322	2.9422	.00488	.01575
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 16.732	1.4654	.01751	.14761	-.01102	F 33.03	.03672	<.00000
Stddev	.054	.0183	.00097	.00517	.00134	.11	.00077	.74940
%RSD	.32226	1.2518	5.5216	3.5008	12.170	.3391	2.0861	97.380
#1	16.787	1.4714	.01861	.15307	-.01215	33.16	.03715	.07513
#2	16.730	1.4448	.01711	.14280	-.01138	32.97	.03584	-1.3546
#3	16.680	1.4800	.01680	.14695	-.00954	32.96	.03719	-1.0292

Sample Name: K2239-01 Acquired: 4/4/2019 16:50:57 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 390327721 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	13.544
Stddev	1.865
%RSD	13.767

#1	12.831
#2	15.660
#3	12.142

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4291.7	84490.	7627.8	103.58	5528.7
Stddev	3.1	97.	66.4	.89	8.5
%RSD	.07184	.11529	.87042	.85710	.15406

#1	4293.0	84477.	7566.8	102.86	5531.5
#2	4293.9	84400.	7698.5	104.57	5535.5
#3	4288.2	84593.	7618.0	103.32	5519.2

Sample Name: K2244-01 Acquired: 4/4/2019 16:55:21 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FK-EF-01-007 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07579	.00478	3.3518	.02073	.01772	136.39	2.3125
Stddev	.00199	.00160	.0025	.00438	.00129	.67	.0151
%RSD	2.6208	33.487	.07403	21.142	7.2668	.48847	.65445

#1	.07489	.00321	3.3501	.02569	.01726	135.64	2.2966
#2	.07806	.00471	3.3546	.01914	.01917	136.90	2.3267
#3	.07441	.00640	3.3506	.01737	.01672	136.64	2.3142

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00841	.01758	387.09	.69107	.13605	1.0882	237.03
Stddev	.00012	.00003	1.29	.00263	.00055	.0019	1.16
%RSD	1.4274	.14665	.33402	.38040	.40349	.17309	.48942

#1	.00832	.01756	386.79	.69337	.13659	1.0876	236.38
#2	.00837	.01758	385.97	.68821	.13606	1.0903	238.37
#3	.00855	.01761	388.51	.69164	.13549	1.0867	236.34

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.8904	88.373	.39879	-.00820	4.1652	.61598	4.1535
Stddev	.0307	.557	.00032	.00042	.0256	.00355	.0037
%RSD	.44520	.63048	.07905	5.1224	.61461	.57709	.08883

#1	6.9056	87.764	.39909	-.00831	4.1437	.61713	4.1539
#2	6.9105	88.856	.39884	-.00774	4.1935	.61199	4.1570
#3	6.8551	88.500	.39846	-.00856	4.1583	.61881	4.1496

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.728	.01027	.06558	F 16.595	3.0643	.11484	4.5270
Stddev	.094	.00009	.00617	.060	.0481	.00152	.0089
%RSD	.43428	.86775	9.4043	.35883	1.5682	1.3259	.19694

#1	21.620	.01017	.06935	16.625	3.1097	.11617	4.5197
#2	21.790	.01031	.06893	16.633	3.0140	.11516	4.5243
#3	21.776	.01033	.05847	16.526	3.0691	.11318	4.5370

Sample Name: K2244-01 Acquired: 4/4/2019 16:55:21 Type: Unk
 Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: FK-EF-01-007 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19996	8.199	1.4360	<.00000	F<.00000
Stddev	.00222	.022	.0084	.52574	10.583
%RSD	1.1096	.2647	.58807	10.249	14.813

#1	.19933	8.200	1.4346	-5.0540	-78.916
#2	.19813	8.220	1.4284	-4.6457	-59.333
#3	.20243	8.176	1.4451	-5.6890	-76.079

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4164.2	83374.	7945.3	94.487	4584.7
Stddev	2.6	174.	47.5	2.224	2.3
%RSD	.06139	.20839	.59757	2.3543	.05085

#1	4164.6	83414.	7905.9	91.964	4585.8
#2	4161.5	83184.	7998.0	96.167	4582.0
#3	4166.6	83524.	7932.0	95.330	4586.2

Sample Name: K2244-01DUP Acquired: 4/4/2019 16:59:54 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FK-EF-01-007 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07598	.00517	3.3936	.01579	.01808	138.10	2.3445
Stddev	.00181	.00042	.0010	.00151	.00139	.33	.0022
%RSD	2.3783	8.1081	.03087	9.5816	7.6819	.24096	.09285

#1	.07573	.00527	3.3946	.01749	.01648	138.06	2.3465
#2	.07790	.00552	3.3939	.01457	.01881	137.79	2.3422
#3	.07432	.00470	3.3925	.01533	.01896	138.45	2.3450

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00839	.01796	389.85	.69467	.13729	1.0951	239.05
Stddev	.00005	.00052	1.52	.00349	.00132	.0008	1.50
%RSD	.60102	2.8941	.39106	.50204	.96358	.07021	.62902

#1	.00838	.01738	391.58	.69149	.13630	1.0957	240.77
#2	.00845	.01813	388.68	.69840	.13880	1.0954	238.37
#3	.00835	.01837	389.30	.69410	.13678	1.0942	238.00

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.0822	89.310	.40298	-.00779	4.2071	.61962	4.1911
Stddev	.0271	.201	.00257	.00092	.0115	.00458	.0024
%RSD	.38281	.22533	.63882	11.784	.27381	.73946	.05850

#1	7.1035	89.541	.40174	-.00685	4.2143	.61482	4.1884
#2	7.0517	89.175	.40593	-.00868	4.2132	.62394	4.1920
#3	7.0914	89.214	.40126	-.00786	4.1938	.62010	4.1931

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.985	.01019	.07373	F 16.657	3.0431	.11489	4.5586
Stddev	.093	.00008	.01373	.142	.0123	.00056	.0089
%RSD	.42495	.79283	18.624	.85136	.40483	.48922	.19490

#1	22.010	.01025	.08953	16.586	3.0296	.11478	4.5660
#2	21.881	.01010	.06700	16.820	3.0459	.11550	4.5609
#3	22.063	.01022	.06465	16.565	3.0538	.11440	4.5487

Sample Name: K2244-01DUP Acquired: 4/4/2019 16:59:54 Type: Unk
 Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: FK-EF-01-007 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20228	8.227	1.4427	<.00000	F<.00000
Stddev	.00221	.073	.0034	.93406	6.9826
%RSD	1.0933	.8826	.23719	14.723	11.309
#1	.20035	8.190	1.4431	-5.2821	-57.856
#2	.20180	8.311	1.4391	-7.0376	-69.807
#3	.20469	8.181	1.4459	-6.7131	-57.574
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4123.9	82543.	7929.2	93.465	4530.1
Stddev	3.8	229.	40.4	.745	5.5
%RSD	.09164	.27795	.50917	.79655	.12065
#1	4119.6	82285.	7884.1	92.923	4530.4
#2	4125.9	82724.	7962.0	93.158	4535.4
#3	4126.3	82620.	7941.5	94.314	4524.5

Sample Name: K2244-01LX5 Acquired: 4/4/2019 17:04:26 Type: Unk
Method: P4-ICP2(v3020) 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	.01516	.00100	.68704	.01015	.00063	29.111	.49670	.00175
Stddev	.00032	.00074	.00140	.00097	.00187	.063	.00269	.00009
%RSD	2.1059	74.271	.20325	9.5471	295.83	.21794	.54212	5.0340

#1	.01518	.00130	.68609	.00950	.00250	29.149	.49807	.00172
#2	.01483	.00155	.68638	.00967	.00061	29.038	.49360	.00167
#3	.01547	.00015	.68864	.01126	-.00123	29.146	.49844	.00184

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00092	88.532	.15918	.02690	.25766	62.945	1.6391	19.651
Stddev	.00005	.445	.00121	.00011	.00053	.282	.0041	.203
%RSD	5.5259	.50240	.76074	.39583	.20576	.44748	.24806	1.0341

#1	.00098	88.472	.15834	.02679	.25705	62.624	1.6367	19.543
#2	.00092	89.003	.15862	.02700	.25794	63.063	1.6369	19.524
#3	.00088	88.120	.16057	.02693	.25799	63.149	1.6438	19.885

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07794	-.00043	.63218	.13876	.79149	4.6518	.00188	.02544
Stddev	.00042	.00009	.01370	.00036	.00145	.0262	.00015	.00926
%RSD	.54076	20.373	2.1665	.25625	.18379	.56310	8.0806	36.396

#1	.07841	-.00046	.63419	.13899	.79071	4.6333	.00176	.03376
#2	.07778	-.00050	.61758	.13835	.79317	4.6403	.00205	.01547
#3	.07761	-.00033	.64475	.13893	.79060	4.6817	.00182	.02710

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.0863	.71975	.01835	1.0183	.03520	1.544	.31309	4.2474
Stddev	.0138	.00928	.00077	.0021	.00113	.003	.00218	.6396
%RSD	.44889	1.2896	4.1923	.20101	3.2136	.2207	.69652	15.059

#1	3.0731	.72679	.01924	1.0162	.03431	1.543	.31430	4.9540
#2	3.1007	.72324	.01789	1.0202	.03647	1.547	.31439	4.0799
#3	3.0850	.70923	.01793	1.0186	.03480	1.541	.31057	3.7082

Sample Name: K2244-01LX5 Acquired: 4/4/2019 17:04:26 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	11.427
Stddev	5.711
%RSD	49.976

#1	6.7698
#2	9.7127
#3	17.799

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4003.2	78578.	7217.8	100.79	5207.6
Stddev	8.8	158.	61.6	1.27	7.6
%RSD	.21907	.20130	.85333	1.2560	.14613

#1	3997.4	78411.	7195.9	99.954	5199.8
#2	3998.9	78725.	7170.1	100.16	5207.9
#3	4013.3	78600.	7287.3	102.24	5215.0

Sample Name: K2244-01MS Acquired: 4/4/2019 17:08:47 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FK-EF-01-007 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.76737	1.7808	4.1759	1.7320	.14998	136.37	2.1834
Stddev	.00398	.0019	.0019	.0036	.00125	.71	.0136
%RSD	.51867	.10379	.04635	.20984	.83510	.52124	.62198

#1	.76765	1.7799	4.1779	1.7333	.14952	137.16	2.1987
#2	.76326	1.7795	4.1740	1.7278	.15139	135.78	2.1786
#3	.77121	1.7829	4.1757	1.7347	.14901	136.18	2.1728

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18192	.20263	366.17	.99022	.32935	1.3580	224.93
Stddev	.00092	.00008	1.55	.00308	.00097	.0002	.69
%RSD	.50462	.04035	.42288	.31117	.29425	.01492	.30843

#1	.18298	.20272	366.42	.99293	.33047	1.3578	225.72
#2	.18139	.20259	364.51	.98687	.32880	1.3581	224.40
#3	.18139	.20257	367.58	.99087	.32879	1.3582	224.69

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5508	79.071	.85075	.05300	7.6073	.94456	3.5611
Stddev	.0078	.351	.00240	.00049	.0419	.00150	.0042
%RSD	.17085	.44440	.28176	.91924	.55049	.15867	.11803

#1	4.5538	79.472	.85349	.05243	7.6552	.94628	3.5639
#2	4.5566	78.922	.84973	.05324	7.5887	.94359	3.5632
#3	4.5420	78.819	.84904	.05331	7.5779	.94379	3.5563

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	28.119	.32976	.26478	F 13.937	3.1749	.77377	4.3772
Stddev	.131	.00214	.01145	.012	.0134	.00179	.0179
%RSD	.46711	.64815	4.3227	.08801	.42087	.23083	.40977

#1	28.266	.33133	.27476	13.922	3.1827	.77583	4.3737
#2	28.078	.32733	.25229	13.943	3.1595	.77274	4.3967
#3	28.013	.33063	.26730	13.944	3.1826	.77273	4.3613

Sample Name: K2244-01MS Acquired: 4/4/2019 17:08:47 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FK-EF-01-007 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.36228	F 13.85	1.4937	<.00000	F<.00000
Stddev	.00125	.03	.0083	.48041	6.7688
%RSD	.34616	.2141	.55312	13.681	11.667

#1	.36280	13.82	1.4970	-2.9659	-64.650
#2	.36085	13.87	1.4843	-3.6978	-58.285
#3	.36319	13.86	1.4998	-3.8710	-51.120

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4137.4	82336.	7729.2	93.844	4603.4
Stddev	1.9	124.	30.6	.836	9.2
%RSD	.04649	.15027	.39648	.89080	.19951

#1	4138.8	82227.	7736.7	94.668	4602.5
#2	4135.2	82310.	7755.4	92.997	4594.7
#3	4138.1	82470.	7695.5	93.866	4613.0

Sample Name: CCV05 Acquired: 4/4/2019 17:14:54 Type: Unk
Method: P4-ICP2(v3020) 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	5.2956	4.9008	5.1253	5.3071	5.0867	10.025	10.264	.24903
Stddev	.0144	.0021	.0146	.0039	.0184	.128	.136	.00033
%RSD	.27224	.04315	.28494	.07257	.36119	1.2769	1.3295	.13356
#1	5.2957	4.9006	5.1093	5.3026	5.0694	10.118	10.411	.24927
#2	5.2811	4.8987	5.1290	5.3089	5.0848	9.8792	10.142	.24865
#3	5.3099	4.9029	5.1378	5.3097	5.1060	10.079	10.239	.24916
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4876	26.794	.93896	2.5616	1.3042	4.9684	2.3836	25.493
Stddev	.0040	2.497	.00232	.0071	.0024	.0031	.0091	.268
%RSD	.16292	9.3186	.24706	.27683	.18427	.06250	.37951	1.0493
#1	2.4840	29.671	.93890	2.5535	1.3018	4.9651	2.3749	25.773
#2	2.4868	25.203	.94131	2.5661	1.3041	4.9690	2.3829	25.241
#3	2.4920	25.507	.93667	2.5653	1.3066	4.9712	2.3930	25.464
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5739	1.2456	24.873	2.4782	2.6060	25.026	5.1201	4.9526
Stddev	.0064	.0034	.295	.0039	.0028	.297	.0075	.0639
%RSD	.24863	.27600	1.1877	.15590	.10897	1.1869	.14709	1.2901
#1	2.5693	1.2435	25.179	2.4744	2.6032	25.356	5.1125	5.0217
#2	2.5711	1.2437	24.589	2.4821	2.6060	24.782	5.1202	4.8956
#3	2.5812	1.2496	24.852	2.4781	2.6089	24.939	5.1276	4.9406
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2495	5.1220	5.0824	5.4703	5.1229	5.205	5.2705	F 10.365
Stddev	.0280	.4051	.0019	.5082	.4855	.015	.5115	.072
%RSD	.53435	7.9095	.03773	9.2910	9.4770	.2778	9.7045	.69847
#1	5.2718	5.5898	5.0846	6.0563	5.6833	5.217	5.8539	10.448
#2	5.2180	4.8885	5.0815	5.1507	4.8315	5.189	4.8989	10.333
#3	5.2586	4.8876	5.0810	5.2038	4.8538	5.209	5.0588	10.314

Sample Name: CCV05 Acquired: 4/4/2019 17:14:54 Type: Unk
 Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 6.8637
 Stddev 3.7676
 %RSD 54.891

#1 2.5255
 #2 8.7512
 #3 9.3145

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3851.9	75247.	6640.6	94.460	5066.7
Stddev	3.0	263.	529.0	8.182	2.6
%RSD	.07744	.34928	7.9667	8.6621	.05158

#1	3854.7	75302.	6029.7	85.024	5069.4
#2	3852.2	75478.	6946.8	99.590	5066.5
#3	3848.7	74961.	6945.3	98.766	5064.1

Sample Name: CCB05 Acquired: 4/4/2019 17:19:01 Type: Unk
Method: P4-ICP2(v3020) 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	-.00060	-.00015	.00139	.00050	.00004	-.00173	.00227
Stddev	.00060	.00132	.00042	.00142	.00072	.00227	.00043
%RSD	99.362	866.45	29.850	283.09	1883.4	130.88	19.128

#1	-.00115	-.00129	.00157	-.00097	.00042	-.00208	.00277
#2	.00004	-.00047	.00169	.00060	.00049	.00069	.00203
#3	-.00069	.00129	.00092	.00188	-.00079	-.00381	.00200

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	.00000	-.00425	.00052	.00014	-.00192	-.00233
Stddev	.00003	.00002	.00707	.00033	.00016	.00013	.00052
%RSD	5896.4	568.67	166.40	63.122	115.53	6.7809	22.518

#1	.00003	-.00000	-.01112	.00064	-.00001	-.00190	-.00279
#2	-.00004	-.00002	.00301	.00077	.00012	-.00206	-.00244
#3	.00001	.00003	-.00463	.00015	.00031	-.00180	-.00176

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00041	.01209	.00044	.00056	-.32710	.00016	.00062
Stddev	.00000	.02675	.00016	.00031	.00282	.00028	.00021
%RSD	.40902	221.32	36.175	55.485	.86222	175.23	34.200

#1	-.00041	-.00142	.00055	.00021	-.32759	.00049	.00084
#2	-.00041	-.00522	.00051	.00065	-.32406	-.00002	.00061
#3	-.00040	.04289	.00026	.00081	-.32964	.00002	.00042

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01366	.00034	.00058	.00017	.00423	-.00287	.00034
Stddev	.02570	.00016	.00714	.00136	.00251	.00020	.00031
%RSD	188.11	46.345	1235.2	815.52	59.430	7.0482	92.111

#1	.01401	.00037	-.00206	.00168	.00653	-.00273	.00035
#2	-.01821	.00048	.00866	-.00022	.00154	-.00277	.00065
#3	-.03679	.00017	-.00487	-.00096	.00462	-.00310	.00002

Sample Name: CCB05 Acquired: 4/4/2019 17:19:01 Type: Unk
Method: P4-ICP2(v3020) 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	-.00780	-.0023	.00027	F 7.0694	F<.00000
Stddev	.00117	.0004	.00002	.1583	.42048
%RSD	14.968	19.37	8.1486	2.2400	9.1471
#1	-.00914	-.0028	.00028	7.1319	-4.1133
#2	-.00714	-.0021	.00029	6.8893	-4.8763
#3	-.00710	-.0020	.00025	7.1870	-4.8011
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4004.4	77578.	6743.3	100.67	5650.6
Stddev	16.6	334.	126.7	.53	12.4
%RSD	.41555	.43052	1.8789	.52578	.21938
#1	3985.2	77635.	6597.1	100.48	5636.8
#2	4013.7	77219.	6821.0	101.27	5654.4
#3	4014.2	77880.	6811.7	100.26	5660.7

Sample Name: K2244-01MSD Acquired: 4/4/2019 17:23:29 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FK-EF-01-007 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.77532	1.7967	4.1928	1.7437	.15003	136.39	2.1822
Stddev	.00271	.0179	.0239	.0075	.00184	.20	.0056
%RSD	.34968	.99777	.56943	.42762	1.2250	.14686	.25537

#1	.77684	1.8174	4.2147	1.7524	.15061	136.61	2.1886
#2	.77693	1.7869	4.1964	1.7395	.15151	136.34	2.1782
#3	.77219	1.7857	4.1674	1.7394	.14798	136.22	2.1799

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18167	.20382	366.33	.98572	.33114	1.3660	225.72
Stddev	.00027	.00200	1.76	.00382	.00267	.0044	.42
%RSD	.14644	.98195	.47954	.38776	.80531	.32362	.18468

#1	.18189	.20603	367.85	.98840	.33421	1.3655	226.00
#2	.18138	.20330	366.72	.98742	.32975	1.3707	225.24
#3	.18176	.20213	364.41	.98135	.32945	1.3619	225.91

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5296	78.971	.85454	.05400	7.5932	.95237	3.5831
Stddev	.0149	.252	.00660	.00053	.0169	.00290	.0158
%RSD	.32835	.31936	.77222	.98135	.22279	.30486	.44052

#1	4.5271	79.247	.86096	.05372	7.5943	.95217	3.5996
#2	4.5162	78.913	.85487	.05366	7.6095	.95537	3.5816
#3	4.5456	78.753	.84778	.05461	7.5757	.94957	3.5681

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	28.232	.33214	.27381	F 14.084	3.1687	.78164	4.3749
Stddev	.034	.00203	.01743	.099	.0321	.00765	.0117
%RSD	.11987	.61193	6.3667	.69991	1.0117	.97870	.26714

#1	28.261	.33411	.29390	14.197	3.2018	.78938	4.3882
#2	28.241	.33224	.26486	14.037	3.1665	.78144	4.3664
#3	28.195	.33005	.26267	14.017	3.1377	.77409	4.3700

Sample Name: K2244-01MSD Acquired: 4/4/2019 17:23:29 Type: Unk
 Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: FK-EF-01-007 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.36232	F 14.00	1.4989	<.00000	F<.00000
Stddev	.00094	.03	.0068	.43031	2.0994
%RSD	.25822	.1968	.45588	18.570	4.1492

#1	.36153	14.03	1.5037	-2.4652	-48.986
#2	.36335	13.98	1.5019	-1.8325	-52.973
#3	.36208	13.99	1.4910	-2.6541	-49.837

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4128.4	82542.	7717.8	93.684	4590.1
Stddev	8.9	60.	25.3	.932	20.5
%RSD	.21619	.07271	.32767	.99524	.44683

#1	4124.8	82603.	7721.5	94.729	4566.7
#2	4121.8	82483.	7690.8	93.388	4598.5
#3	4138.6	82541.	7740.9	92.936	4605.0

Sample Name: K2244-01A Acquired: 4/4/2019 17:27:57 Type: Unk
Method: P4-ICP2(v3020) 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	.77849	1.8035	4.2048	1.7598	.15029	136.51	2.1861
Stddev	.00230	.0160	.0123	.0057	.00234	.32	.0073
%RSD	.29575	.88780	.29215	.32464	1.5599	.23228	.33544

#1	.77707	1.7900	4.2168	1.7562	.15238	136.15	2.1779
#2	.78115	1.8212	4.1923	1.7664	.15072	136.67	2.1883
#3	.77726	1.7994	4.2054	1.7568	.14775	136.71	2.1920

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18237	.20488	365.48	.98316	.33266	1.3711	225.99
Stddev	.00091	.00108	1.67	.00188	.00179	.0012	.22
%RSD	.49973	.52818	.45744	.19100	.53714	.08729	.09708

#1	.18193	.20402	364.27	.98107	.33126	1.3697	225.84
#2	.18176	.20610	364.79	.98369	.33468	1.3719	225.90
#3	.18342	.20453	367.39	.98471	.33205	1.3716	226.24

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5560	78.861	.85903	.05420	7.6028	.95432	3.5955
Stddev	.0095	.084	.00466	.00073	.0110	.00197	.0019
%RSD	.20830	.10713	.54205	1.3378	.14474	.20608	.05172

#1	4.5588	78.790	.85736	.05337	7.5922	.95239	3.5950
#2	4.5454	78.954	.86429	.05471	7.6142	.95426	3.5938
#3	4.5638	78.838	.85543	.05452	7.6021	.95632	3.5975

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	28.317	.33364	.28503	F 14.163	3.2065	.78018	4.3640
Stddev	.055	.00200	.02179	.141	.0240	.00622	.0169
%RSD	.19524	.59802	7.6444	.99618	.74914	.79736	.38755

#1	28.253	.33192	.30083	14.131	3.2201	.77500	4.3450
#2	28.353	.33583	.29409	14.318	3.1788	.78708	4.3694
#3	28.345	.33317	.26017	14.041	3.2207	.77846	4.3775

Sample Name: K2244-01A Acquired: 4/4/2019 17:27:57 Type: Unk
 Method: P4-ICP2(v3020) 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	.36265	F 14.07	1.4971	<.00000	F<.00000
Stddev	.00178	.05	.0050	.59960	4.7200
%RSD	.49195	.3766	.33741	25.568	7.9142
#1	.36103	14.06	1.4936	-2.1766	-65.071
#2	.36235	14.13	1.4948	-1.8479	-56.537
#3	.36456	14.03	1.5029	-3.0110	-57.311
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4108.5	82154.	7699.4	92.764	4568.0
Stddev	4.7	105.	24.0	.400	5.8
%RSD	.11322	.12742	.31115	.43070	.12796
#1	4110.0	82157.	7687.4	92.361	4561.5
#2	4103.3	82257.	7727.0	93.160	4569.7
#3	4112.3	82048.	7683.9	92.772	4572.8

Sample Name: K2257-01 Acquired: 4/4/2019 17:32:24 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SP-1-A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15474	.01487	.25094	-.00065	.02417	119.25	.58776
Stddev	.00486	.00049	.00320	.00562	.00035	.84	.00435
%RSD	3.1434	3.2838	1.2742	858.19	1.4673	.70085	.74015

#1	.16014	.01434	.25448	-.00118	.02458	118.96	.58690
#2	.15337	.01530	.25007	.00521	.02402	118.60	.58390
#3	.15071	.01498	.24826	-.00599	.02392	120.20	.59248

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01323	.03418	52.452	.34426	.14035	.56338	470.34
Stddev	.00020	.00053	.253	.00134	.00029	.00053	2.06
%RSD	1.5238	1.5489	.48310	.39004	.20323	.09431	.43787

#1	.01311	.03475	52.684	.34280	.14063	.56288	468.99
#2	.01346	.03408	52.182	.34451	.14006	.56394	469.33
#3	.01311	.03370	52.490	.34545	.14037	.56331	472.71

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.1269	33.858	.17191	-.04694	1.1931	.71544	.78092
Stddev	.0283	.117	.00054	.00074	.0023	.00065	.00120
%RSD	.68605	.34677	.31650	1.5845	.19099	.09093	.15322

#1	4.1516	33.723	.17254	-.04769	1.1917	.71604	.78222
#2	4.0960	33.913	.17162	-.04620	1.1919	.71475	.78069
#3	4.1331	33.937	.17158	-.04692	1.1958	.71552	.77986

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.046	-.00225	-.35951	7.4549	3.2929	.01157	.77786
Stddev	.164	.00056	.00751	.0630	.0514	.00082	.00444
%RSD	.68301	24.931	2.0880	.84439	1.5603	7.0505	.57079

#1	24.003	-.00165	-.35928	7.5271	3.3341	.01075	.77723
#2	23.907	-.00233	-.36713	7.4118	3.2353	.01157	.77376
#3	24.227	-.00276	-.35212	7.4258	3.3093	.01239	.78258

Sample Name: K2257-01 Acquired: 4/4/2019 17:32:24 Type: Unk
 Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SP-1-A Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.09067	9.305	-.03246	<.00000	F<.00000
Stddev	.00037	.032	.00297	.61876	24.793
%RSD	.40835	.3399	9.1390	2.9478	3.5450
#1	.09039	9.340	-.02922	-21.585	-727.85
#2	.09053	9.279	-.03505	-20.350	-687.91
#3	.09109	9.296	-.03312	-21.036	-682.43
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4226.0	83958.	7821.8	94.103	4752.2
Stddev	4.3	292.	54.7	1.549	1.8
%RSD	.10183	.34759	.69926	1.6457	.03719
#1	4221.0	83941.	7766.7	93.549	4750.1
#2	4227.8	84258.	7876.1	95.852	4753.0
#3	4229.0	83675.	7822.4	92.908	4753.4

Sample Name: K2257-09 Acquired: 4/4/2019 17:36:58 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SP-1-B Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23326	.01169	.19041	.02349	.01338	113.60	.88497
Stddev	.00359	.00113	.00012	.00481	.00185	.91	.00531
%RSD	1.5377	9.6890	.06453	20.484	13.848	.79830	.60040

#1	.23740	.01299	.19027	.02525	.01536	112.56	.87973
#2	.23103	.01096	.19047	.01805	.01169	114.20	.89035
#3	.23135	.01112	.19049	.02718	.01310	114.05	.88484

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00972	.01226	13.302	.31464	.10114	.37322	351.01
Stddev	.00015	.00036	.092	.00189	.00017	.00115	1.30
%RSD	1.5536	2.9624	.69387	.60079	.17199	.30752	.37082

#1	.00961	.01208	13.196	.31251	.10097	.37401	350.82
#2	.00966	.01203	13.343	.31529	.10112	.37375	352.39
#3	.00989	.01268	13.366	.31611	.10132	.37191	349.81

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0606	23.909	.13874	-.02393	.53468	.56955	.65148
Stddev	.0022	.160	.00089	.00012	.00357	.00190	.00021
%RSD	.10689	.66964	.64336	.49166	.66814	.33385	.03180

#1	2.0585	23.742	.13957	-.02382	.53099	.56736	.65137
#2	2.0604	23.926	.13780	-.02406	.53812	.57067	.65172
#3	2.0629	24.060	.13886	-.02392	.53492	.57063	.65134

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	32.289	-.00138	-.09928	F 13.099	2.6700	.00313	.64102
Stddev	.285	.00037	.00813	.043	.0165	.00113	.00166
%RSD	.88367	27.055	8.1844	.32725	.61967	36.090	.25928

#1	31.960	-.00181	-.10613	13.073	2.6885	.00254	.64027
#2	32.467	-.00120	-.09030	13.074	2.6566	.00443	.63987
#3	32.440	-.00114	-.10142	13.148	2.6648	.00242	.64293

Sample Name: K2257-09 Acquired: 4/4/2019 17:36:58 Type: Unk
 Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SP-1-B Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.09224	7.447	.11523	<.00000	F<.00000
Stddev	.00042	.023	.00104	.88658	4.9739
%RSD	.46070	.3093	.90366	8.0316	2.2368
#1	.09253	7.443	.11407	-11.752	-219.53
#2	.09243	7.427	.11555	-10.046	-219.46
#3	.09175	7.473	.11608	-11.318	-228.11
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4293.5	84182.	7724.7	96.186	4923.3
Stddev	7.6	244.	19.6	1.534	1.4
%RSD	.17723	.28979	.25329	1.5951	.02755
#1	4290.9	84449.	7714.8	94.453	4923.0
#2	4287.6	83970.	7712.1	97.369	4922.1
#3	4302.1	84126.	7747.3	96.738	4924.8

Sample Name: K2257-17 Acquired: 4/4/2019 17:41:23 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SP-1-C Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20491	.01680	.13541	.01826	.01618	99.412	.46498
Stddev	.00239	.00091	.00093	.00154	.00146	.191	.00221
%RSD	1.1661	5.4368	.68434	8.4352	9.0413	.19223	.47627

#1	.20513	.01608	.13614	.01649	.01692	99.599	.46753
#2	.20719	.01649	.13572	.01933	.01712	99.217	.46381
#3	.20243	.01783	.13436	.01896	.01449	99.420	.46359

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01013	.01527	8.7403	.31155	.07370	.40742	385.23
Stddev	.00029	.00044	.0741	.00094	.00024	.00374	1.69
%RSD	2.8451	2.8661	.84738	.30093	.32389	.91757	.43815

#1	.01043	.01535	8.7337	.31121	.07394	.40392	385.44
#2	.00985	.01567	8.8174	.31083	.07369	.41136	383.45
#3	.01012	.01480	8.6698	.31261	.07346	.40699	386.81

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.7981	16.992	.11983	-.02778	.21702	.66137	.55856
Stddev	.0024	.095	.00072	.00023	.00656	.00403	.00082
%RSD	.13229	.55986	.60256	.83120	3.0239	.60971	.14605

#1	1.8009	17.008	.12032	-.02782	.21086	.65855	.55761
#2	1.7968	16.890	.12018	-.02753	.22392	.65957	.55900
#3	1.7967	17.079	.11901	-.02798	.21627	.66599	.55906

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.003	-.00119	-.16374	6.4346	3.2786	.00913	.72506
Stddev	.082	.00041	.02281	.0393	.0124	.00129	.00076
%RSD	.35535	34.201	13.929	.61064	.37690	14.081	.10536

#1	23.097	-.00072	-.16981	6.4692	3.2699	.01035	.72577
#2	22.957	-.00141	-.13851	6.3919	3.2927	.00925	.72516
#3	22.954	-.00144	-.18289	6.4426	3.2732	.00779	.72425

Sample Name: K2257-17 Acquired: 4/4/2019 17:41:23 Type: Unk
 Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SP-1-C Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.06357	6.173	-.21028	<.00000	F<.00000
Stddev	.00081	.009	.00315	.42270	13.057
%RSD	1.2808	.1370	1.4996	3.5741	4.0558
#1	.06383	6.181	-.20928	-11.634	-311.55
#2	.06422	6.164	-.20774	-11.535	-317.65
#3	.06266	6.175	-.21381	-12.312	-336.59
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4213.6	83073.	7694.2	97.756	4958.7
Stddev	1.6	248.	53.8	.908	5.2
%RSD	.03857	.29799	.69930	.92837	.10406
#1	4214.1	82796.	7659.7	97.560	4961.5
#2	4211.7	83273.	7666.8	96.962	4961.9
#3	4214.9	83151.	7756.2	98.745	4952.8

Sample Name: K2257-25 Acquired: 4/4/2019 17:45:45 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SP-1-D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22215	.01295	.22688	-.01500	.02456	123.02	.68379
Stddev	.00072	.00191	.00074	.00223	.00012	.62	.00462
%RSD	.32218	14.726	.32659	14.859	.50330	.50803	.67527

#1	.22134	.01219	.22773	-.01677	.02457	122.85	.68478
#2	.22243	.01512	.22637	-.01250	.02468	123.71	.68784
#3	.22268	.01154	.22654	-.01573	.02444	122.50	.67876

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01461	.04669	16.528	.40173	.13897	.63090	517.08
Stddev	.00017	.00038	.098	.00056	.00017	.00132	2.39
%RSD	1.1399	.80778	.59570	.14026	.12582	.20933	.46165

#1	.01463	.04658	16.503	.40215	.13912	.63036	518.71
#2	.01477	.04637	16.445	.40109	.13878	.63241	518.20
#3	.01443	.04710	16.637	.40194	.13901	.62995	514.34

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.4646	24.079	.20213	-.05976	.61749	.83471	.93024
Stddev	.0012	.140	.00084	.00119	.01201	.00139	.00104
%RSD	.03506	.57967	.41440	1.9975	1.9454	.16642	.11203

#1	3.4634	24.232	.20126	-.05963	.63134	.83552	.93129
#2	3.4658	24.046	.20293	-.05864	.60986	.83310	.92921
#3	3.4648	23.959	.20221	-.06101	.61128	.83550	.93023

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	33.515	-.00420	-.45284	F 14.035	2.8312	.00866	.67469
Stddev	.163	.00024	.00218	.070	.0425	.00048	.00459
%RSD	.48656	5.7940	.48098	.50060	1.5000	5.5915	.67973

#1	33.453	-.00394	-.45177	14.032	2.8063	.00847	.67494
#2	33.700	-.00425	-.45139	14.107	2.8070	.00922	.66999
#3	33.392	-.00442	-.45534	13.967	2.8802	.00831	.67915

Sample Name: K2257-25 Acquired: 4/4/2019 17:45:45 Type: Unk
 Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SP-1-D Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.09171	F 11.91	-.22961	<.00000	F<.00000
Stddev	.00047	.05	.00371	.37997	8.1956
%RSD	.50903	.4053	1.6177	1.5470	.93368
#1	.09167	11.90	-.23238	-24.149	-871.02
#2	.09220	11.96	-.23105	-24.638	-875.41
#3	.09127	11.87	-.22539	-24.898	-886.89
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4255.1	84173.	7860.7	90.980	4654.6
Stddev	4.3	89.	47.4	1.422	.7
%RSD	.10022	.10588	.60284	1.5625	.01577
#1	4259.1	84074.	7860.4	89.339	4655.0
#2	4250.7	84201.	7908.3	91.850	4655.0
#3	4255.6	84245.	7813.5	91.750	4653.7

Sample Name: K2193-01 Acquired: 4/4/2019 17:50:10 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HR-06-040319 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02884	.00433	.92170	.02160	.01135	160.71	.98700
Stddev	.00155	.00221	.00395	.00365	.00125	.93	.00338
%RSD	5.3584	50.958	.42877	16.882	11.006	.58140	.34217

#1	.02820	.00611	.92561	.02028	.01238	159.66	.98392
#2	.02772	.00502	.91770	.01880	.00996	161.45	.99061
#3	.03060	.00186	.92178	.02573	.01172	161.03	.98646

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00852	.00960	84.129	.19558	.13909	.76460	240.42
Stddev	.00007	.00045	.364	.00184	.00044	.00161	.65
%RSD	.77222	4.6506	.43288	.94228	.31734	.21088	.27109

#1	.00846	.00971	84.080	.19735	.13864	.76602	239.74
#2	.00851	.00912	84.515	.19367	.13952	.76285	241.04
#3	.00859	.00999	83.791	.19572	.13913	.76494	240.48

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.7086	52.464	.28209	-.00915	11.196	.38962	1.0728
Stddev	.0473	.304	.00140	.00056	.043	.00322	.0004
%RSD	.82792	.57899	.49750	6.1130	.38796	.82597	.03423

#1	5.6635	52.136	.28359	-.00973	11.149	.39267	1.0732
#2	5.7577	52.522	.28189	-.00861	11.234	.38625	1.0725
#3	5.7047	52.735	.28080	-.00911	11.205	.38993	1.0726

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.136	.00268	.03150	6.7174	4.8119	.02057	3.0850
Stddev	.098	.00032	.01075	.0084	.0204	.00071	.0049
%RSD	.69416	11.907	34.134	.12542	.42459	3.4507	.15945

#1	14.025	.00292	.04330	6.7088	4.8133	.02104	3.0824
#2	14.172	.00232	.02226	6.7176	4.8315	.01975	3.0821
#3	14.211	.00281	.02893	6.7257	4.7907	.02092	3.0907

Sample Name: K2193-01 Acquired: 4/4/2019 17:50:10 Type: Unk
 Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: HR-06-040319 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20005	6.507	.28819	<.00000	F<.00000
Stddev	.00065	.014	.00255	.22887	11.702
%RSD	.32617	.2184	.88531	2.2829	13.661
#1	.19930	6.513	.28812	-10.268	-94.950
#2	.20047	6.490	.29077	-9.8140	-72.517
#3	.20039	6.516	.28567	-9.9939	-89.513
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4387.5	86958.	8109.2	97.664	4882.5
Stddev	3.6	303.	52.6	1.602	4.9
%RSD	.08280	.34844	.64810	1.6403	.10127
#1	4389.7	87252.	8108.9	98.922	4883.1
#2	4389.5	86647.	8056.8	98.210	4887.1
#3	4383.3	86974.	8161.9	95.861	4877.2

Sample Name: K2193-01DUP Acquired: 4/4/2019 17:54:44 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HR-06-040319 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02620	.00447	1.0728	.01880	.01150	161.85	1.0293
Stddev	.00083	.00167	.0153	.00192	.00056	1.31	.0103
%RSD	3.1711	37.310	1.4219	10.199	4.8569	.80732	.99672
#1	.02575	.00256	1.0895	.02085	.01195	162.77	1.0350
#2	.02716	.00563	1.0692	.01849	.01087	162.44	1.0355
#3	.02569	.00521	1.0596	.01705	.01167	160.36	1.0175
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00840	.00989	83.592	.19311	.13820	.76622	240.11
Stddev	.00009	.00026	1.161	.00036	.00087	.00196	1.17
%RSD	1.0219	2.6641	1.3889	.18612	.63288	.25565	.48555
#1	.00847	.01010	84.932	.19294	.13832	.76846	238.85
#2	.00841	.00959	82.945	.19286	.13727	.76531	241.15
#3	.00830	.00997	82.898	.19352	.13900	.76487	240.33
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.6377	52.346	.28334	-.00855	11.176	.38164	1.0881
Stddev	.0091	.368	.00188	.00037	.102	.00079	.0032
%RSD	.16198	.70389	.66452	4.3105	.90858	.20738	.29491
#1	5.6271	52.535	.28515	-.00897	11.237	.38073	1.0918
#2	5.6426	52.581	.28139	-.00841	11.231	.38203	1.0868
#3	5.6432	51.921	.28347	-.00827	11.058	.38216	1.0858
Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.239	.00292	.01127	5.5255	4.7576	.02194	3.0280
Stddev	.127	.00008	.00945	.0972	.0287	.00025	.0249
%RSD	.89047	2.8318	83.837	1.7596	.60376	1.1172	.82183
#1	14.320	.00300	.00894	5.4448	4.7823	.02215	3.0535
#2	14.304	.00293	.02167	5.4983	4.7261	.02200	3.0037
#3	14.092	.00284	.00321	5.6334	4.7646	.02167	3.0268

Sample Name: K2193-01DUP Acquired: 4/4/2019 17:54:44 Type: Unk
 Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: HR-06-040319 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20060	6.524	.37836	<.00000	F<.00000
Stddev	.00181	.039	.01108	.86067	2.4123
%RSD	.90438	.6037	2.9295	8.7266	3.2401

#1	.20254	6.568	.39099	-10.243	-71.696
#2	.20031	6.493	.37386	-8.8772	-76.187
#3	.19895	6.510	.37023	-10.468	-75.468

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4375.2	86828.	8068.6	94.849	4870.1
Stddev	4.9	537.	108.3	1.430	4.7
%RSD	.11197	.61834	1.3424	1.5074	.09711

#1	4378.3	86436.	7944.4	93.365	4865.8
#2	4369.6	86609.	8143.2	96.217	4875.1
#3	4377.8	87440.	8118.3	94.966	4869.3

Sample Name: K2193-01LX5 Acquired: 4/4/2019 17:59:17 Type: Unk
Method: P4-ICP2(v3020) 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	.00621	.00226	.21221	.00758	.00045	37.297	.23454	.00197
Stddev	.00111	.00018	.00085	.00374	.00132	.151	.00160	.00007
%RSD	17.860	7.9005	.39876	49.326	295.06	.40520	.68021	3.5241

#1	.00744	.00241	.21315	.01179	.00127	37.122	.23330	.00203
#2	.00591	.00231	.21149	.00629	.00115	37.380	.23634	.00190
#3	.00528	.00206	.21201	.00466	-.00107	37.388	.23398	.00198

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00031	20.575	.04661	.02942	.18929	67.514	1.4330	12.552
Stddev	.00015	.249	.00022	.00010	.00024	.102	.0043	.147
%RSD	47.566	1.2081	.47932	.32655	.12871	.15175	.30145	1.1686

#1	-.00028	20.305	.04685	.02951	.18948	67.397	1.4296	12.398
#2	-.00047	20.795	.04642	.02942	.18901	67.561	1.4379	12.568
#3	-.00018	20.624	.04654	.02932	.18937	67.585	1.4315	12.690

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05844	-.00059	2.3356	.09315	.22096	3.3066	.00021	.02140
Stddev	.00045	.00026	.0126	.00053	.00078	.0311	.00021	.00429
%RSD	.77440	44.601	.53957	.57125	.35223	.94147	103.42	20.052

#1	.05896	-.00029	2.3223	.09377	.22182	3.2723	.00005	.02073
#2	.05821	-.00069	2.3474	.09287	.22030	3.3146	.00045	.02599
#3	.05815	-.00079	2.3371	.09282	.22077	3.3330	.00012	.01749

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2615	1.2102	.00059	.73445	.03966	1.348	.06699	3.4114
Stddev	.0053	.0132	.00030	.01127	.00094	.004	.00181	.6750
%RSD	.42434	1.0893	51.129	1.5339	2.3693	.2779	2.7087	19.786

#1	1.2632	1.1962	.00025	.72224	.03869	1.347	.06491	2.8718
#2	1.2555	1.2223	.00082	.73667	.03972	1.346	.06828	3.1941
#3	1.2659	1.2122	.00070	.74444	.04057	1.353	.06776	4.1683

Sample Name: K2193-01LX5 Acquired: 4/4/2019 17:59:17 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 18.546
Stddev 3.870
%RSD 20.866

#1 14.758
#2 22.492
#3 18.387

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4055.2	79304.	7148.2	98.814	5312.1
Stddev	3.2	112.	55.6	2.071	6.2
%RSD	.07770	.14168	.77845	2.0962	.11592

#1	4052.3	79347.	7194.1	99.298	5305.1
#2	4058.5	79177.	7086.3	100.60	5316.7
#3	4054.7	79389.	7164.1	96.543	5314.4

Sample Name: K2193-01MS Acquired: 4/4/2019 18:03:42 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HR-06-040319 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.67006	1.7650	1.5716	1.6312	.21514	168.96	1.0711
Stddev	.00462	.0054	.0043	.0148	.00192	.43	.0016
%RSD	.68943	.30843	.27238	.90872	.89404	.25572	.15306

#1	.67240	1.7690	1.5700	1.6338	.21350	169.46	1.0719
#2	.67303	1.7671	1.5765	1.6446	.21465	168.72	1.0721
#3	.66474	1.7588	1.5684	1.6153	.21726	168.70	1.0692

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16953	.19385	101.65	.47977	.32374	1.0647	232.43
Stddev	.00090	.00049	.28	.00213	.00077	.0008	.74
%RSD	.52891	.25527	.27944	.44409	.23878	.07521	.32043

#1	.16973	.19345	101.40	.47845	.32402	1.0654	233.06
#2	.17031	.19441	101.96	.48223	.32434	1.0639	232.63
#3	.16855	.19371	101.60	.47864	.32287	1.0649	231.61

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.9279	55.671	.77368	.05057	13.510	.59906	1.4231
Stddev	.0506	.168	.00331	.00047	.030	.00101	.0016
%RSD	.85369	.30265	.42744	.93709	.21870	.16902	.11296

#1	5.9862	55.631	.77417	.05039	13.528	.59913	1.4212
#2	5.8954	55.856	.77671	.05021	13.525	.60004	1.4243
#3	5.9022	55.526	.77015	.05110	13.475	.59802	1.4237

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.103	.31356	.21616	3.5944	6.2867	.66799	3.0201
Stddev	.078	.00116	.01145	.0126	.0211	.00222	.0038
%RSD	.35161	.37101	5.2948	.34977	.33625	.33210	.12511

#1	22.175	.31369	.20315	3.5953	6.3070	.67040	3.0220
#2	22.113	.31465	.22065	3.6065	6.2881	.66752	3.0157
#3	22.020	.31233	.22467	3.5814	6.2648	.66604	3.0225

Sample Name: K2193-01MS Acquired: 4/4/2019 18:03:42 Type: Unk
 Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: HR-06-040319 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.36161	F 11.95	.39480	<.00000	F<.00000
Stddev	.00036	.02	.00129	.77645	4.9288
%RSD	.10039	.1919	.32577	11.410	6.1580
#1	.36200	11.93	.39579	-6.8066	-83.548
#2	.36129	11.97	.39526	-6.0277	-74.403
#3	.36154	11.94	.39335	-7.5806	-82.163
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4366.3	87081.	8004.6	95.439	4840.7
Stddev	9.5	293.	35.5	2.011	8.2
%RSD	.21782	.33681	.44356	2.1072	.16837
#1	4375.8	86894.	7983.5	93.290	4848.1
#2	4356.8	86930.	7984.7	95.753	4831.9
#3	4366.2	87419.	8045.6	97.275	4842.0

Sample Name: CCV06 Acquired: 4/4/2019 18:08:08 Type: Unk

Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000

User: Bin He Custom ID1: CCV14811 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1789	4.7849	5.0144	5.1861	4.9646	9.6134	9.7945	.24221
Stddev	.0042	.0147	.0070	.0104	.0054	.0423	.0277	.00099
%RSD	.08089	.30704	.13920	.20109	.10857	.43992	.28252	.41041
#1	5.1815	4.7863	5.0063	5.1951	4.9586	9.5725	9.7683	.24183
#2	5.1741	4.7696	5.0191	5.1747	4.9662	9.6107	9.8235	.24145
#3	5.1812	4.7989	5.0176	5.1886	4.9690	9.6570	9.7918	.24333
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4332	24.903	.91059	2.4980	1.2790	4.8442	2.3222	24.310
Stddev	.0042	.068	.00347	.0044	.0039	.0143	.0112	.142
%RSD	.17396	.27480	.38120	.17616	.30729	.29497	.48067	.58347
#1	2.4317	24.874	.90863	2.4948	1.2751	4.8318	2.3131	24.186
#2	2.4300	24.981	.91460	2.4961	1.2829	4.8410	2.3346	24.280
#3	2.4380	24.854	.90854	2.5030	1.2791	4.8598	2.3189	24.464
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5182	1.2156	23.692	2.4134	2.5373	24.057	5.0118	4.7839
Stddev	.0014	.0026	.093	.0045	.0044	.058	.0046	.0269
%RSD	.05574	.21702	.39333	.18810	.17182	.24076	.09214	.56141
#1	2.5183	1.2126	23.612	2.4112	2.5375	24.095	5.0068	4.7678
#2	2.5195	1.2176	23.794	2.4103	2.5329	23.990	5.0160	4.7690
#3	2.5167	1.2166	23.669	2.4186	2.5416	24.085	5.0126	4.8149
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1098	5.0230	4.9625	5.0732	4.7807	5.105	4.9460	F 9.4634
Stddev	.0164	.0118	.0051	.0058	.0251	.006	.0069	.8086
%RSD	.32052	.23512	.10285	.11394	.52425	.1125	.13891	8.5443
#1	5.1217	5.0328	4.9588	5.0767	4.8085	5.111	4.9414	9.8551
#2	5.0911	5.0263	4.9604	5.0665	4.7738	5.102	4.9426	8.5336
#3	5.1165	5.0099	4.9683	5.0763	4.7598	5.101	4.9539	10.002

Sample Name: CCV06 Acquired: 4/4/2019 18:08:08 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14811 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 11.678
Stddev	6.041
%RSD	51.726

#1	5.4355
#2	12.105
#3	17.494

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3889.1	76427.	6868.3	97.333	5127.4
Stddev	4.9	36.	35.0	.180	6.2
%RSD	.12623	.04687	.50998	.18534	.12115

#1	3894.7	76386.	6831.5	97.125	5128.9
#2	3886.9	76442.	6872.1	97.442	5132.7
#3	3885.6	76452.	6901.2	97.433	5120.6

Sample Name: CCB06 Acquired: 4/4/2019 18:12:15 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14811 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00016	-.00069	.00095	.00254	-.00021	-.00758	.00183
Stddev	.00099	.00083	.00165	.00182	.00111	.00581	.00034
%RSD	601.68	119.16	174.35	71.570	522.70	76.570	18.786

#1	-.00104	-.00060	.00285	.00442	-.00113	-.01428	.00216
#2	-.00036	.00008	.00015	.00079	.00103	-.00447	.00185
#3	.00091	-.00156	-.00015	.00242	-.00054	-.00400	.00148

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00001	-.00371	.00054	.00036	-.00180	.00582
Stddev	.00003	.00005	.01254	.00020	.00004	.00049	.00092
%RSD	66.934	460.42	337.71	36.751	10.871	27.310	15.756

#1	.00003	.00006	.00561	.00031	.00036	-.00167	.00476
#2	.00002	-.00004	-.01797	.00069	.00040	-.00234	.00631
#3	.00008	.00002	.00122	.00061	.00032	-.00139	.00639

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00046	.01292	.00033	.00073	-.33665	.00010	.00055
Stddev	.00003	.00394	.00022	.00009	.00661	.00029	.00017
%RSD	6.2255	30.511	68.006	12.887	1.9637	276.88	30.683

#1	-.00049	.01714	.00056	.00081	-.33948	.00040	.00072
#2	-.00045	.00934	.00031	.00075	-.34137	-.00018	.00056
#3	-.00043	.01229	.00012	.00062	-.32909	.00009	.00038

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01629	.00043	-.01066	-.00335	.00439	-.00317	-.00008
Stddev	.01791	.00022	.00473	.00199	.00114	.00012	.00037
%RSD	109.95	50.350	44.381	59.324	26.086	3.8112	445.90

#1	.00416	.00039	-.00520	-.00415	.00471	-.00316	.00025
#2	-.02916	.00024	-.01350	-.00109	.00533	-.00306	-.00048
#3	-.02386	.00067	-.01328	-.00482	.00312	-.00330	-.00002

Sample Name: CCB06 Acquired: 4/4/2019 18:12:15 Type: Unk
 Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14811 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00778	-.0051	.00016	F 6.5422	F<.00000
Stddev	.00091	.0010	.00012	.7148	.86611
%RSD	11.716	19.57	73.108	10.925	48.432
#1	-.00774	-.0050	.00011	5.7624	-.82167
#2	-.00872	-.0042	.00030	6.6981	-2.4938
#3	-.00689	-.0062	.00008	7.1662	-2.0495
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3993.6	77088.	6765.3	99.267	5644.9
Stddev	9.0	75.	40.3	1.227	15.3
%RSD	.22439	.09708	.59502	1.2364	.27049
#1	3989.5	77124.	6749.5	100.68	5628.4
#2	3987.4	77002.	6811.0	98.525	5647.7
#3	4003.9	77138.	6735.3	98.592	5658.5

Sample Name: K2193-01MSD Acquired: 4/4/2019 18:16:44 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HR-06-040319 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.67044	1.7567	1.5721	1.6297	.21574	168.95	1.0651
Stddev	.00216	.0062	.0027	.0034	.00024	.31	.0038
%RSD	.32231	.35230	.16883	.20744	.11249	.18306	.36035

#1	.67090	1.7525	1.5711	1.6289	.21602	168.96	1.0649
#2	.66809	1.7638	1.5751	1.6268	.21562	168.64	1.0614
#3	.67234	1.7538	1.5701	1.6334	.21558	169.26	1.0690

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16992	.19418	102.48	.48181	.32462	1.0754	233.51
Stddev	.00018	.00029	.59	.00047	.00026	.0007	1.71
%RSD	.10361	.15003	.57468	.09762	.08096	.06876	.73183

#1	.16992	.19384	101.83	.48192	.32442	1.0745	234.38
#2	.16974	.19437	102.61	.48221	.32492	1.0758	231.54
#3	.17009	.19431	102.99	.48129	.32454	1.0758	234.60

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.9603	55.920	.77677	.05069	13.475	.60053	1.4284
Stddev	.0302	.307	.00087	.00088	.051	.00107	.0009
%RSD	.50587	.54849	.11146	1.7442	.37958	.17771	.06596

#1	5.9769	55.644	.77664	.05096	13.491	.59930	1.4276
#2	5.9255	55.866	.77769	.04970	13.417	.60108	1.4294
#3	5.9786	56.251	.77597	.05141	13.516	.60122	1.4281

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.136	.31537	.23638	3.5874	6.3340	.67083	3.0218
Stddev	.016	.00030	.00858	.0022	.0492	.00223	.0016
%RSD	.07039	.09541	3.6314	.06068	.77667	.33190	.05228

#1	22.154	.31571	.24376	3.5894	6.2791	.66905	3.0219
#2	22.126	.31514	.22696	3.5879	6.3489	.67333	3.0202
#3	22.128	.31526	.23844	3.5851	6.3740	.67010	3.0234

Sample Name: K2193-01MSD Acquired: 4/4/2019 18:16:44 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HR-06-040319 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.36312	F 11.90	.39442	<.00000	F<.00000
Stddev	.00161	.02	.00443	.98490	4.2344
%RSD	.44460	.1380	1.1242	13.203	6.0456
#1	.36246	11.91	.38980	-8.4879	-74.544
#2	.36496	11.92	.39864	-6.5248	-69.440
#3	.36194	11.89	.39483	-7.3667	-66.139
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4359.9	86727.	7902.4	95.852	4838.9
Stddev	1.0	172.	28.1	3.082	3.1
%RSD	.02287	.19822	.35568	3.2151	.06308
#1	4360.7	86616.	7934.5	99.188	4841.3
#2	4358.8	86925.	7882.1	95.254	4835.5
#3	4360.2	86640.	7890.5	93.113	4839.9

Sample Name: K2193-01A Acquired: 4/4/2019 18:21:10 Type: Unk
Method: P4-ICP2(v3020) 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	.68159	1.7961	1.6010	1.6578	.22041	169.87	1.0770
Stddev	.00286	.0094	.0024	.0100	.00036	.57	.0046
%RSD	.42014	.52581	.14751	.60525	.16287	.33756	.42879

#1	.68338	1.7902	1.6002	1.6483	.22059	169.55	1.0768
#2	.68311	1.7910	1.5991	1.6568	.22065	169.52	1.0725
#3	.67829	1.8070	1.6037	1.6683	.22000	170.53	1.0818

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17218	.19759	103.47	.48694	.33105	1.1029	236.94
Stddev	.00131	.00048	.33	.00468	.00064	.0030	1.83
%RSD	.75886	.24545	.32270	.96040	.19430	.27164	.77256

#1	.17098	.19719	103.10	.48155	.33109	1.0997	236.28
#2	.17357	.19743	103.57	.48996	.33039	1.1056	235.53
#3	.17200	.19813	103.75	.48930	.33168	1.1034	239.01

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.9364	56.833	.78909	.05182	13.601	.60648	1.4573
Stddev	.0279	.344	.00046	.00072	.040	.00185	.0028
%RSD	.47055	.60537	.05834	1.3851	.29412	.30567	.19327

#1	5.9043	56.440	.78902	.05115	13.586	.60434	1.4581
#2	5.9554	57.081	.78866	.05258	13.571	.60741	1.4541
#3	5.9495	56.978	.78958	.05174	13.646	.60767	1.4596

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.181	.32033	.23998	3.6506	6.4841	.68204	3.0622
Stddev	.025	.00176	.01307	.0152	.0729	.00268	.0128
%RSD	.11131	.54797	5.4454	.41565	1.1241	.39347	.41903

#1	22.182	.31872	.24286	3.6404	6.4099	.68316	3.0476
#2	22.157	.32006	.25136	3.6434	6.5556	.67898	3.0715
#3	22.206	.32220	.22571	3.6680	6.4867	.68399	3.0675

Sample Name: K2193-01A Acquired: 4/4/2019 18:21:10 Type: Unk
Method: P4-ICP2(v3020) 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	.36511	F 12.10	.38793	<.00000	F<.00000
Stddev	.00088	.04	.00213	.49538	3.5823
%RSD	.24073	.3210	.54809	9.3976	4.7674
#1	.36589	12.14	.38727	-5.8315	-76.440
#2	.36416	12.06	.39031	-4.8911	-77.894
#3	.36530	12.11	.38622	-5.0914	-71.091
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4329.6	86550.	7924.4	95.804	4782.1
Stddev	3.5	233.	22.7	1.073	10.0
%RSD	.08127	.26870	.28661	1.1199	.21002
#1	4333.3	86780.	7948.4	94.767	4784.9
#2	4326.3	86555.	7903.3	95.737	4790.5
#3	4329.3	86315.	7921.3	96.909	4771.0

Sample Name: K2193-03 Acquired: 4/4/2019 18:25:38 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HR-06-040319 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03138	.00486	.30231	.02499	.01044	164.32	.80769
Stddev	.00052	.00097	.00064	.00303	.00304	.95	.00593
%RSD	1.6522	19.923	.21263	12.109	29.121	.57672	.73418

#1	.03127	.00388	.30286	.02649	.00982	163.81	.80172
#2	.03092	.00582	.30160	.02150	.01374	163.75	.80776
#3	.03194	.00487	.30248	.02697	.00776	165.42	.81358

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00831	.00847	73.253	.17358	.12673	.50953	251.06
Stddev	.00007	.00010	.355	.00180	.00077	.00390	1.93
%RSD	.84111	1.1791	.48452	1.0352	.60713	.76519	.77037

#1	.00839	.00853	73.240	.17204	.12623	.50626	249.58
#2	.00825	.00851	73.614	.17314	.12633	.50849	250.35
#3	.00830	.00835	72.904	.17556	.12761	.51385	253.25

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1498	42.731	.24198	-.00947	11.075	.37471	.76690
Stddev	.0386	.389	.00047	.00078	.075	.00055	.00189
%RSD	.74861	.91056	.19273	8.2642	.67301	.14775	.24628

#1	5.1287	42.331	.24178	-.00893	11.032	.37456	.76906
#2	5.1264	42.755	.24165	-.01037	11.032	.37424	.76558
#3	5.1943	43.108	.24251	-.00911	11.161	.37532	.76605

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.052	.00502	-.02815	3.9885	6.9442	.01235	2.4650
Stddev	.047	.00026	.01098	.0284	.0716	.00060	.0104
%RSD	.39063	5.2276	39.002	.71256	1.0312	4.8488	.42089

#1	12.042	.00473	-.03461	3.9796	7.0021	.01180	2.4578
#2	12.012	.00510	-.01547	3.9656	6.9664	.01225	2.4603
#3	12.104	.00524	-.03437	4.0203	6.8642	.01299	2.4769

Sample Name: K2193-03 Acquired: 4/4/2019 18:25:38 Type: Unk
 Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: HR-06-040319 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.17359	7.836	.14897	<.00000	F<.00000
Stddev	.00227	.034	.00371	.44976	7.6156
%RSD	1.3054	.4319	2.4923	6.7051	8.2479
#1	.17347	7.820	.15087	-6.8710	-96.908
#2	.17139	7.815	.15135	-6.1991	-96.550
#3	.17592	7.875	.14469	-7.0530	-83.542
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4400.2	87919.	8082.4	95.744	4920.9
Stddev	3.1	185.	67.2	1.167	11.2
%RSD	.07132	.21054	.83197	1.2190	.22689
#1	4399.2	87998.	8034.3	94.400	4908.2
#2	4397.7	88052.	8053.7	96.331	4925.2
#3	4403.7	87708.	8159.2	96.501	4929.2

Sample Name: K2193-05 Acquired: 4/4/2019 18:30:12 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HR-06-040319 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01419	.00344	.37143	.02368	.00943	157.00	.84109
Stddev	.00124	.00104	.00403	.00437	.00161	1.09	.00555
%RSD	8.7399	30.287	1.0839	18.448	17.125	.69597	.66029

#1	.01487	.00224	.37307	.02846	.00947	156.31	.83575
#2	.01276	.00395	.37438	.01990	.01102	156.43	.84068
#3	.01494	.00414	.36685	.02268	.00779	158.26	.84683

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00728	.00565	74.017	.17978	.12535	.51170	223.35
Stddev	.00006	.00019	.198	.00131	.00157	.00404	1.43
%RSD	.84014	3.3419	.26755	.72931	1.2509	.79001	.64007

#1	.00722	.00554	74.188	.17997	.12528	.51171	224.75
#2	.00734	.00587	73.800	.18098	.12694	.51574	223.42
#3	.00728	.00555	74.062	.17838	.12381	.50765	221.89

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0056	51.629	.25358	-.00742	10.125	.35733	.70661
Stddev	.0267	.103	.00161	.00043	.051	.00437	.00237
%RSD	.53270	.19939	.63486	5.8429	.50755	1.2236	.33528

#1	4.9825	51.527	.25399	-.00692	10.076	.35876	.70847
#2	5.0348	51.625	.25496	-.00766	10.120	.36081	.70742
#3	4.9994	51.733	.25181	-.00768	10.178	.35242	.70394

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.895	.00284	-.00666	4.1138	3.8912	.01554	2.9105
Stddev	.026	.00035	.00159	.0157	.0754	.00089	.0116
%RSD	.21932	12.489	23.950	.38252	1.9386	5.7348	.39723

#1	11.874	.00315	-.00504	4.1173	3.9674	.01464	2.9177
#2	11.887	.00246	-.00671	4.1275	3.8894	.01556	2.8972
#3	11.924	.00292	-.00823	4.0966	3.8166	.01643	2.9167

Sample Name: K2193-05 Acquired: 4/4/2019 18:30:12 Type: Unk
 Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: HR-06-040319 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.18321	6.281	.16376	<.00000	F<.00000
Stddev	.00096	.050	.00157	.15732	7.0744
%RSD	.52450	.7905	.95711	3.0902	14.654
#1	.18397	6.289	.16408	-5.1972	-53.141
#2	.18213	6.326	.16205	-5.1653	-51.528
#3	.18355	6.227	.16513	-4.9102	-40.161
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4298.2	85282.	7829.5	97.223	4938.0
Stddev	9.0	138.	78.8	1.641	22.6
%RSD	.21044	.16138	1.0068	1.6877	.45666
#1	4289.9	85126.	7739.1	95.362	4915.1
#2	4296.8	85387.	7865.2	97.849	4938.8
#3	4307.8	85332.	7884.2	98.459	4960.2

Sample Name: K2240-01 Acquired: 4/4/2019 18:34:46 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-01-(0-2) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05180	.00144	.18406	.02434	.01007	141.78	.67307
Stddev	.00257	.00170	.00117	.00330	.00169	.52	.00382
%RSD	4.9546	117.75	.63308	13.541	16.738	.36527	.56709

#1	.05208	.00021	.18452	.02073	.01095	141.25	.66966
#2	.04910	.00338	.18273	.02719	.00813	141.80	.67237
#3	.05421	.00074	.18493	.02510	.01114	142.29	.67719

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01115	.00746	14.830	.20410	.22464	.47964	252.33
Stddev	.00003	.00019	.020	.00070	.00062	.00028	1.50
%RSD	.23166	2.5419	.13703	.34108	.27394	.05882	.59264

#1	.01115	.00756	14.806	.20464	.22410	.47961	250.87
#2	.01117	.00758	14.838	.20436	.22451	.47938	252.25
#3	.01112	.00724	14.844	.20331	.22531	.47994	253.86

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.5966	48.804	.28433	-.00926	4.4165	.35717	.78845
Stddev	.0481	.356	.00069	.00015	.0371	.00092	.00093
%RSD	.55907	.72905	.24417	1.6709	.84016	.25869	.11852

#1	8.5488	48.427	.28504	-.00939	4.3789	.35640	.78867
#2	8.5961	48.849	.28365	-.00931	4.4174	.35820	.78925
#3	8.6449	49.135	.28430	-.00909	4.4531	.35692	.78742

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.591	.00331	-.02469	.37700	3.8648	.01390	3.5822
Stddev	.092	.00022	.00385	.00419	.0344	.00150	.0102
%RSD	.52572	6.6095	15.601	1.1117	.89115	10.799	.28438

#1	17.615	.00308	-.02396	.38016	3.9030	.01426	3.5742
#2	17.489	.00335	-.02885	.37858	3.8552	.01226	3.5787
#3	17.669	.00351	-.02126	.37224	3.8362	.01519	3.5937

Sample Name: K2240-01 Acquired: 4/4/2019 18:34:46 Type: Unk
 Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-01-(0-2) Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20956	4.790	-.14539	<.00000	F<.00000
Stddev	.00101	.005	.00197	.46948	5.4092
%RSD	.48148	.1152	1.3561	4.6055	6.5417

#1	.21004	4.785	-.14358	-9.6700	-88.274
#2	.21024	4.788	-.14510	-10.576	-82.313
#3	.20840	4.796	-.14749	-10.336	-77.475

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4462.1	88270.	8040.1	96.637	5015.4
Stddev	5.6	153.	45.6	.329	4.9
%RSD	.12584	.17352	.56751	.34046	.09785

#1	4455.9	88439.	7996.8	96.598	5009.9
#2	4467.0	88232.	8035.9	96.329	5019.4
#3	4463.3	88140.	8087.7	96.984	5016.8

Sample Name: K2240-02 Acquired: 4/4/2019 18:39:20 Type: Unk
 Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-01-(13.5- Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02252	.00210	.11939	.02507	.00573	89.327	1.0308
Stddev	.00135	.00272	.00245	.01042	.00188	8.670	.0959
%RSD	6.0089	129.15	2.0492	41.567	32.770	9.7057	9.3080

#1	.02408	.00470	.11673	.03668	.00575	99.240	1.1402
#2	.02171	.00232	.11987	.02202	.00761	85.580	.99152
#3	.02177	-.00072	.12155	.01652	.00385	83.160	.96075

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00831	.00281	11.429	.17386	.11955	.30054	214.24
Stddev	.00112	.00269	.127	.02244	.00071	.00568	23.87
%RSD	13.468	95.799	1.1128	12.909	.59043	1.8891	11.143

#1	.00960	-.00014	11.362	.19973	.11873	.29444	239.68
#2	.00773	.00343	11.348	.16220	.11988	.30152	210.71
#3	.00760	.00514	11.575	.15965	.12002	.30567	192.33

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.0192	40.487	.22602	-.00714	5.4238	.30152	.51961
Stddev	.5854	3.912	.00155	.00247	.5444	.03966	.00645
%RSD	9.7257	9.6612	.68754	34.510	10.038	13.152	1.2407

#1	6.6951	44.955	.22503	-.00981	6.0492	.34725	.51284
#2	5.6732	38.827	.22781	-.00495	5.1662	.28078	.52034
#3	5.6892	37.680	.22523	-.00667	5.0559	.27654	.52567

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.281	.00245	-.00403	.37276	3.8677	.00443	2.6910
Stddev	1.367	.00015	.01381	.01181	.0659	.00038	.0059
%RSD	9.5752	6.2140	342.97	3.1686	1.7045	8.6150	.21916

#1	15.844	.00227	-.01040	.38529	3.9176	.00416	2.6850
#2	13.691	.00253	.01182	.37115	3.7930	.00487	2.6910
#3	13.308	.00255	-.01350	.36184	3.8925	.00428	2.6968

Sample Name: K2240-02 Acquired: 4/4/2019 18:39:20 Type: Unk
 Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-01-(13.5- Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.17497	4.891	-.14175	<.00000	F<.00000
Stddev	.00122	.006	.02662	6.9764	6.5118
%RSD	.69903	.1211	18.781	124.83	31.014

#1	.17361	4.896	-.17024	2.4227	-28.469
#2	.17531	4.885	-.13752	-8.8621	-16.539
#3	.17599	4.892	-.11750	-10.326	-17.980

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4478.8	86194.	7837.1	97.132	5176.3
Stddev	10.1	8153.	77.4	1.005	4.5
%RSD	.22591	9.4591	.98822	1.0348	.08746

#1	4473.8	76898.	7774.5	96.155	5179.7
#2	4490.5	89552.	7923.7	98.163	5178.0
#3	4472.2	92132.	7813.0	97.078	5171.2

Sample Name: K2240-03 Acquired: 4/4/2019 18:43:46 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-01-COMP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01955	.00252	.12143	.02007	.00518	76.550	1.1309
Stddev	.00090	.00101	.00074	.00237	.00053	.412	.0064
%RSD	4.5804	40.218	.60623	11.821	10.176	.53831	.56524

#1	.01856	.00305	.12176	.01873	.00575	77.002	1.1380
#2	.02030	.00135	.12195	.01867	.00472	76.195	1.1257
#3	.01980	.00317	.12059	.02281	.00507	76.452	1.1289

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00727	.00291	15.361	.16784	.11372	.29384	190.56
Stddev	.00005	.00014	.636	.00134	.00003	.00021	.72
%RSD	.64176	4.8420	4.1416	.79691	.02687	.07035	.38040

#1	.00723	.00294	16.090	.16698	.11370	.29373	190.10
#2	.00727	.00304	14.915	.16938	.11371	.29370	190.18
#3	.00732	.00276	15.079	.16715	.11376	.29407	191.39

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0736	40.883	.21790	-.00587	3.1396	.30296	.51438
Stddev	.0298	.083	.00032	.00037	.0071	.00218	.00112
%RSD	.58725	.20243	.14859	6.3024	.22472	.72072	.21836

#1	5.0396	40.968	.21818	-.00558	3.1417	.30137	.51449
#2	5.0857	40.878	.21799	-.00628	3.1317	.30545	.51320
#3	5.0954	40.802	.21755	-.00574	3.1453	.30205	.51544

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.868	.00277	-.00473	.29702	3.8855	.00413	2.4922
Stddev	.053	.00024	.00613	.00455	.1447	.00061	.0868
%RSD	.38058	8.5388	129.62	1.5304	3.7236	14.872	3.4850

#1	13.811	.00304	-.01142	.29400	4.0483	.00465	2.5925
#2	13.876	.00265	.00060	.29480	3.7717	.00429	2.4433
#3	13.916	.00261	-.00335	.30224	3.8364	.00346	2.4408

Sample Name: K2240-03 Acquired: 4/4/2019 18:43:46 Type: Unk
 Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-01-COMP Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.17768	4.853	-.10897	<.00000	F<.00000
Stddev	.00645	.017	.00381	.33055	4.7015
%RSD	3.6325	.3490	3.4993	6.1131	54.278

#1	.18512	4.860	-.10459	-5.0753	-8.7256
#2	.17434	4.834	-.11087	-5.7364	-13.331
#3	.17358	4.866	-.11147	-5.4104	-3.9289

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4452.4	87860.	7815.0	98.554	5215.7
Stddev	4.2	168.	261.9	5.244	4.9
%RSD	.09364	.19173	3.3505	5.3210	.09338

#1	4451.6	88053.	7517.0	92.498	5213.2
#2	4448.6	87783.	8008.2	101.59	5221.3
#3	4456.8	87744.	7919.8	101.57	5212.5

Sample Name: K2240-04 Acquired: 4/4/2019 18:48:14 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-02-(0-2) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04632	.00185	.32117	.02437	.01300	159.03	.84693
Stddev	.00155	.00234	.00194	.00147	.00051	.63	.00342
%RSD	3.3485	126.47	.60271	6.0486	3.9608	.39394	.40356

#1	.04615	-.00084	.32265	.02279	.01242	158.40	.84303
#2	.04486	.00300	.32187	.02572	.01319	159.66	.84837
#3	.04795	.00339	.31898	.02459	.01339	159.02	.84939

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01112	.01078	16.357	.26419	.18775	.50201	273.95
Stddev	.00002	.00016	.178	.00411	.00052	.00250	1.88
%RSD	.18167	1.5064	1.0857	1.5571	.27701	.49806	.68738

#1	.01112	.01088	16.301	.25946	.18823	.50408	273.54
#2	.01110	.01059	16.215	.26617	.18782	.50273	276.00
#3	.01114	.01085	16.556	.26694	.18720	.49923	272.31

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.9281	60.068	.34933	-.01189	4.4885	.40594	1.0069
Stddev	.0057	.149	.00091	.00069	.0224	.00344	.0064
%RSD	.08224	.24794	.26091	5.7707	.49859	.84774	.63151

#1	6.9245	60.046	.35030	-.01120	4.4630	.40219	1.0141
#2	6.9251	60.227	.34921	-.01191	4.5048	.40895	1.0022
#3	6.9347	59.932	.34849	-.01257	4.4976	.40667	1.0043

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.706	.00445	-.04541	.78518	4.4288	.01598	3.8887
Stddev	.051	.00024	.01778	.00988	.0578	.00029	.0224
%RSD	.28688	5.3639	39.146	1.2583	1.3049	1.8062	.57672

#1	17.695	.00456	-.06269	.78355	4.4507	.01577	3.8656
#2	17.761	.00417	-.02717	.79577	4.4725	.01631	3.8902
#3	17.661	.00461	-.04638	.77621	4.3633	.01586	3.9104

Sample Name: K2240-04 Acquired: 4/4/2019 18:48:14 Type: Unk
 Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-02-(0-2) Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.25566	5.089	-.19181	<.00000	F<.00000
Stddev	.00241	.016	.00229	.74876	11.334
%RSD	.94255	.3137	1.1936	6.6929	9.5366

#1	.25368	5.107	-.19246	-10.473	-123.44
#2	.25496	5.079	-.19370	-11.123	-127.16
#3	.25834	5.080	-.18927	-11.966	-105.94

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4498.3	89143.	8115.5	96.859	5010.7
Stddev	15.4	209.	38.5	.772	22.0
%RSD	.34306	.23428	.47390	.79652	.43915

#1	4480.6	89095.	8115.8	96.962	4986.1
#2	4508.8	88962.	8153.8	97.575	5028.7
#3	4505.6	89371.	8076.9	96.042	5017.1

Sample Name: K2240-05 Acquired: 4/4/2019 18:52:48 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-02-(0-2)- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03706	.00432	.28609	.02541	.01341	179.96	.97957
Stddev	.00373	.00105	.00200	.00394	.00283	.28	.00478
%RSD	10.070	24.412	.70057	15.523	21.137	.15824	.48747

#1	.04136	.00497	.28646	.02860	.01233	179.71	.97415
#2	.03464	.00488	.28789	.02664	.01663	179.90	.98315
#3	.03518	.00310	.28393	.02100	.01128	180.27	.98141

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01020	.00803	10.752	.23938	.19214	.53492	265.25
Stddev	.00024	.00026	.042	.00083	.00035	.00368	.78
%RSD	2.3900	3.2320	.39309	.34535	.18099	.68726	.29339

#1	.01007	.00809	10.741	.23939	.19223	.53750	266.02
#2	.01004	.00826	10.717	.23855	.19244	.53655	264.46
#3	.01048	.00775	10.799	.24021	.19176	.53071	265.27

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.1783	54.086	.31760	-.01101	4.7283	.39250	.89370
Stddev	.0355	.303	.00080	.00011	.0142	.00259	.00187
%RSD	.49448	.55969	.25193	1.0325	.30108	.65913	.20969

#1	7.2064	53.780	.31832	-.01101	4.7234	.39044	.89313
#2	7.1384	54.092	.31774	-.01112	4.7171	.39165	.89217
#3	7.1901	54.385	.31674	-.01089	4.7443	.39540	.89579

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.466	.00401	-.03031	1.9665	3.5050	.01737	3.1015
Stddev	.049	.00046	.00671	.0077	.0341	.00037	.0074
%RSD	.34179	11.470	22.145	.39104	.97234	2.1087	.23736

#1	14.409	.00435	-.03715	1.9750	3.5429	.01772	3.0948
#2	14.491	.00419	-.02374	1.9642	3.4952	.01699	3.1001
#3	14.498	.00349	-.03004	1.9602	3.4769	.01739	3.1094

Sample Name: K2240-05 Acquired: 4/4/2019 18:52:48 Type: Unk
 Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-02-(0-2)- Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.23893	4.347	-.20716	<.00000	F<.00000
Stddev	.00088	.016	.00073	.05723	6.6170
%RSD	.36800	.3626	.35434	.64790	6.5593
#1	.23889	4.351	-.20795	-8.8988	-93.360
#2	.23807	4.360	-.20650	-8.7914	-103.47
#3	.23983	4.329	-.20704	-8.8110	-105.81
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4430.8	86821.	8024.8	96.189	5038.2
Stddev	7.6	201.	51.8	.508	4.2
%RSD	.17190	.23191	.64570	.52765	.08317
#1	4428.1	86663.	7965.0	95.979	5033.4
#2	4424.9	86752.	8056.9	95.820	5041.2
#3	4439.4	87048.	8052.4	96.768	5039.9

Sample Name: K2240-06 Acquired: 4/4/2019 18:57:23 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-02-(13.5- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02491	.00325	.13903	.02186	.01039	113.02	.95358
Stddev	.00130	.00094	.00132	.00343	.00121	.49	.00629
%RSD	5.2113	28.844	.94599	15.708	11.621	.43076	.65983

#1	.02351	.00263	.14015	.02211	.00906	112.67	.94937
#2	.02514	.00433	.13758	.01831	.01071	113.58	.96081
#3	.02608	.00280	.13934	.02517	.01141	112.81	.95055

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01012	.00540	6.9496	.22397	.16084	.38711	238.30
Stddev	.00017	.00030	.0426	.00133	.00055	.00038	.79
%RSD	1.6437	5.6004	.61248	.59390	.33895	.09909	.33212

#1	.00993	.00567	6.9794	.22282	.16140	.38751	237.39
#2	.01020	.00546	6.9009	.22366	.16031	.38710	238.77
#3	.01024	.00507	6.9687	.22543	.16079	.38674	238.76

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.4245	51.502	.27924	-.00915	1.4887	.34550	.79764
Stddev	.0182	.410	.00164	.00029	.0222	.00047	.00252
%RSD	.33534	.79550	.58629	3.1260	1.4914	.13744	.31641

#1	5.4063	51.153	.28113	-.00914	1.4697	.34521	.80007
#2	5.4427	51.953	.27833	-.00944	1.5131	.34524	.79783
#3	5.4245	51.400	.27825	-.00887	1.4833	.34605	.79504

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.127	.00310	-.01222	.54167	2.8391	.00824	2.8949
Stddev	.061	.00010	.00748	.00249	.0260	.00077	.0149
%RSD	.40248	3.1112	61.211	.46058	.91604	9.4070	.51530

#1	15.065	.00302	-.00951	.53956	2.8451	.00878	2.8970
#2	15.187	.00307	-.02068	.54103	2.8107	.00735	2.8790
#3	15.130	.00321	-.00648	.54442	2.8617	.00859	2.9086

Sample Name: K2240-06 Acquired: 4/4/2019 18:57:23 Type: Unk
 Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-02-(13.5- Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.21685	4.170	-.17532	<.00000	F<.00000
Stddev	.00242	.021	.00084	.55600	6.8010
%RSD	1.1154	.5153	.48060	8.4123	14.608

#1	.21720	4.194	-.17443	-6.1081	-45.691
#2	.21427	4.152	-.17611	-7.2074	-53.751
#3	.21907	4.166	-.17542	-6.5126	-40.232

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4416.2	86918.	7874.8	97.634	5049.5
Stddev	10.9	338.	45.1	.204	8.2
%RSD	.24589	.38885	.57249	.20852	.16148

#1	4428.7	87088.	7833.3	97.568	5050.5
#2	4409.4	86529.	7922.8	97.472	5040.9
#3	4410.5	87137.	7868.2	97.863	5057.1

Sample Name: CCV07 Acquired: 4/4/2019 19:01:58 Type: Unk
Method: P4-ICP2(v3020) 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	5.2057	4.8645	5.0969	5.2216	5.0446	9.7530	10.017	.24821
Stddev	.0109	.0166	.0119	.0068	.0030	.0568	.039	.00046
%RSD	.20864	.34214	.23304	.12998	.05935	.58289	.39102	.18539
#1	5.1936	4.8533	5.0861	5.2167	5.0412	9.6897	9.9731	.24799
#2	5.2148	4.8566	5.0948	5.2187	5.0467	9.7694	10.029	.24789
#3	5.2086	4.8836	5.1096	5.2293	5.0459	9.7998	10.049	.24873
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4884	25.295	.94238	2.5391	1.2873	4.9820	2.3732	24.879
Stddev	.0053	.048	.00124	.0030	.0031	.0162	.0094	.279
%RSD	.21132	.18860	.13194	.11908	.23723	.32519	.39555	1.1233
#1	2.4836	25.240	.94108	2.5382	1.2849	4.9800	2.3625	24.597
#2	2.4876	25.322	.94355	2.5367	1.2864	4.9669	2.3801	24.884
#3	2.4940	25.323	.94251	2.5425	1.2907	4.9991	2.3770	25.156
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5401	1.2358	24.403	2.4720	2.5701	24.375	5.0865	4.8386
Stddev	.0059	.0020	.104	.0039	.0044	.118	.0063	.0216
%RSD	.23158	.16390	.42490	.15904	.17095	.48427	.12463	.44606
#1	2.5333	1.2380	24.286	2.4700	2.5659	24.240	5.0792	4.8258
#2	2.5430	1.2354	24.438	2.4696	2.5698	24.462	5.0901	4.8635
#3	2.5439	1.2340	24.485	2.4766	2.5747	24.421	5.0902	4.8265
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1298	5.0418	5.0265	5.1298	4.8218	5.109	5.0049	F 11.517
Stddev	.0141	.0113	.0150	.0081	.0011	.022	.0624	.310
%RSD	.27462	.22468	.29836	.15776	.02298	.4409	1.2475	2.6899
#1	5.1136	5.0413	5.0106	5.1210	4.8206	5.089	5.0673	11.842
#2	5.1373	5.0307	5.0287	5.1315	4.8219	5.106	5.0051	11.225
#3	5.1387	5.0534	5.0403	5.1370	4.8228	5.133	4.9425	11.483

Sample Name: CCV07 Acquired: 4/4/2019 19:01:58 Type: Unk
 Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 16.502
Stddev	2.388
%RSD	14.471

#1	16.074
#2	14.357
#3	19.075

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3844.1	74770.	6786.3	98.128	5087.9
Stddev	1.8	136.	15.5	1.186	.7
%RSD	.04660	.18154	.22833	1.2091	.01448

#1	3843.0	74927.	6769.4	97.322	5088.7
#2	3843.2	74703.	6799.8	99.490	5087.6
#3	3846.2	74682.	6789.8	97.571	5087.3

Sample Name: CCB07 Acquired: 4/4/2019 19:06:01 Type: Unk
Method: P4-ICP2(v3020) 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	-.00175	-.00238	.00085	.00075	-.00060	-.00288	.00196	.00003
Stddev	.00090	.00085	.00044	.00042	.00055	.00980	.00024	.00004
%RSD	51.269	35.598	51.750	56.247	92.083	340.47	12.288	125.52
#1	-.00079	-.00148	.00098	.00104	-.00078	-.00047	.00183	.00008
#2	-.00190	-.00252	.00120	.00027	-.00103	-.01366	.00224	-.00001
#3	-.00257	-.00316	.00036	.00095	.00002	.00549	.00181	.00003
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.00908	.00056	.00014	-.00150	.00750	-.00016	-.02083
Stddev	.00004	.01421	.00010	.00014	.00012	.00050	.00004	.00284
%RSD	146.60	156.45	17.495	98.017	8.1748	6.6996	26.274	13.618
#1	.00002	-.01987	.00048	.00030	-.00159	.00772	-.00013	-.02394
#2	-.00004	-.01440	.00067	.00012	-.00136	.00786	-.00020	-.02015
#3	-.00005	.00702	.00054	.00002	-.00154	.00693	-.00014	-.01839
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	.00089	-.34674	.00035	.00080	-.02394	.00019	-.00909
Stddev	.00033	.00042	.00234	.00020	.00013	.02988	.00023	.00868
%RSD	335.74	46.895	.67363	56.380	16.402	124.78	122.51	95.451
#1	-.00041	.00041	-.34943	.00053	.00090	-.01478	.00040	-.00593
#2	-.00014	.00107	-.34550	.00014	.00084	-.05733	.00022	-.00244
#3	.00025	.00119	-.34528	.00039	.00065	.00028	-.00006	-.01891
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00478	.00306	-.00320	.00057	-.00606	-.0033	.00013	F 6.7693
Stddev	.00131	.00188	.00003	.00016	.00040	.0019	.00011	.4047
%RSD	27.348	61.426	.81314	28.212	6.6225	55.82	80.461	5.9789
#1	-.00387	.00382	-.00317	.00060	-.00617	-.0016	.00007	6.6050
#2	-.00628	.00444	-.00319	.00071	-.00640	-.0032	.00007	6.4725
#3	-.00419	.00092	-.00322	.00040	-.00562	-.0053	.00025	7.2303

Sample Name: CCB07 Acquired: 4/4/2019 19:06:01 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .80105
Stddev 2.3735
%RSD 296.29

#1 .61898
#2 -1.4761
#3 3.2603

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4031.3	77832.	6807.5	99.950	5727.6
Stddev	7.0	322.	34.8	.769	10.0
%RSD	.17399	.41432	.51062	.76909	.17522

#1	4023.3	77556.	6770.3	99.075	5716.0
#2	4034.0	77753.	6839.0	100.52	5732.8
#3	4036.5	78186.	6813.4	100.26	5733.9

Sample Name: K2240-07 Acquired: 4/4/2019 19:10:30 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-02-COMP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02187	.00341	.10662	.02621	.00621	96.721	1.0669
Stddev	.00143	.00068	.00266	.00219	.00190	.326	.0052
%RSD	6.5190	19.823	2.4957	8.3502	30.531	.33711	.48468

#1	.02346	.00319	.10768	.02853	.00412	97.097	1.0697
#2	.02072	.00417	.10858	.02593	.00783	96.549	1.0700
#3	.02142	.00288	.10359	.02418	.00667	96.518	1.0609

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00674	.00203	8.4038	.25762	.09352	.38474	201.21
Stddev	.00012	.00008	.0364	.00155	.00073	.00319	.56
%RSD	1.8404	3.8742	.43365	.60113	.77702	.82864	.27970

#1	.00670	.00201	8.3628	.25659	.09361	.38561	201.00
#2	.00665	.00211	8.4324	.25687	.09419	.38740	201.85
#3	.00688	.00196	8.4161	.25940	.09275	.38121	200.79

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0578	34.053	.20053	-.00576	2.0007	.27571	.51551
Stddev	.0235	.138	.00219	.00038	.0172	.00024	.00093
%RSD	.46385	.40466	1.0902	6.5419	.85862	.08866	.18129

#1	5.0651	34.154	.20034	-.00590	2.0144	.27573	.51615
#2	5.0767	34.108	.20280	-.00533	2.0062	.27595	.51444
#3	5.0315	33.896	.19844	-.00605	1.9814	.27546	.51595

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.9247	.02109	-.01009	.61913	3.0871	.00493	2.2757
Stddev	.0700	.00053	.00347	.00846	.0342	.00083	.0073
%RSD	.70499	2.5169	34.421	1.3667	1.1063	16.758	.32294

#1	10.005	.02145	-.01144	.62331	3.0562	.00572	2.2810
#2	9.8884	.02134	-.00615	.62468	3.1238	.00407	2.2787
#3	9.8803	.02048	-.01270	.60939	3.0812	.00499	2.2673

Sample Name: K2240-07 Acquired: 4/4/2019 19:10:30 Type: Unk
 Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-02-COMP Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.15008	3.226	-.16139	<.00000	F<.00000
Stddev	.00252	.027	.00051	.84324	4.0167
%RSD	1.6822	.8352	.31575	27.931	26.039

#1	.15157	3.243	-.16108	-2.5794	-13.469
#2	.14717	3.240	-.16198	-3.9912	-20.045
#3	.15151	3.195	-.16112	-2.4863	-12.762

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4260.9	83683.	7572.4	97.321	5190.8
Stddev	2.6	237.	33.6	1.278	1.5
%RSD	.06189	.28361	.44321	1.3132	.02811

#1	4263.9	83487.	7610.4	98.745	5189.6
#2	4260.0	83616.	7547.0	96.945	5190.6
#3	4258.9	83947.	7559.7	96.274	5192.4

Sample Name: K2240-08 Acquired: 4/4/2019 19:15:06 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-03-(0-6) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07228	.00370	1.2598	.02165	.01296	111.71	.83554
Stddev	.00165	.00203	.0060	.00307	.00165	.15	.00268
%RSD	2.2835	54.920	.47218	14.197	12.723	.13748	.32054

#1	.07406	.00420	1.2537	.01952	.01212	111.62	.83251
#2	.07081	.00544	1.2656	.02517	.01190	111.61	.83653
#3	.07195	.00147	1.2603	.02025	.01486	111.88	.83759

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00733	.01272	367.64	.30822	.14392	1.0800	226.28
Stddev	.00003	.00008	3.32	.00114	.00089	.0014	.64
%RSD	.45689	.64049	.90258	.36920	.61686	.13081	.28277

#1	.00730	.01264	369.46	.30928	.14291	1.0799	226.48
#2	.00732	.01280	369.66	.30702	.14457	1.0787	226.80
#3	.00737	.01271	363.81	.30835	.14427	1.0815	225.57

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1463	247.87	.44221	-.00824	7.9909	.46006	2.0874
Stddev	.0379	.62	.00114	.00061	.0189	.00319	.0027
%RSD	.73575	.24894	.25855	7.4486	.23637	.69332	.13054

#1	5.1027	247.36	.44297	-.00891	7.9724	.46262	2.0846
#2	5.1654	247.71	.44276	-.00771	7.9902	.45649	2.0900
#3	5.1708	248.56	.44089	-.00811	8.0102	.46106	2.0875

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.013	.01657	.22566	8.5996	1.8864	.04344	4.4787
Stddev	.048	.00003	.01473	.0185	.0193	.00197	.0061
%RSD	.44024	.19600	6.5285	.21503	1.0231	4.5275	.13644

#1	10.973	.01660	.22944	8.5850	1.9057	.04558	4.4814
#2	10.999	.01653	.23812	8.5934	1.8863	.04171	4.4830
#3	11.067	.01657	.20940	8.6204	1.8671	.04303	4.4717

Sample Name: K2240-08 Acquired: 4/4/2019 19:15:06 Type: Unk
 Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-03-(0-6) Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.15601	6.858	.04381	<.00000	F<.00000
Stddev	.00055	.009	.00185	.29797	9.9893
%RSD	.35221	.1365	4.2277	48.652	21.924

#1	.15640	6.855	.04475	-.33233	-56.387
#2	.15538	6.869	.04499	-.57951	-36.700
#3	.15625	6.851	.04167	-.92554	-43.600

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3963.6	79275.	7476.7	90.211	4461.8
Stddev	2.9	123.	81.5	.108	6.5
%RSD	.07327	.15488	1.0896	.12000	.14486

#1	3963.0	79245.	7424.1	90.096	4461.2
#2	3961.1	79169.	7435.4	90.311	4455.7
#3	3966.8	79409.	7570.5	90.225	4468.6

Sample Name: K2240-09 Acquired: 4/4/2019 19:19:41 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-03-COMP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03836	.00365	.38025	.02440	.00631	94.709	.90353
Stddev	.00163	.00095	.00182	.00252	.00109	.368	.00180
%RSD	4.2575	25.914	.47789	10.341	17.323	.38857	.19923

#1	.03700	.00471	.37946	.02241	.00757	95.130	.90503
#2	.03790	.00288	.37896	.02724	.00573	94.548	.90403
#3	.04017	.00337	.38233	.02356	.00563	94.448	.90153

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00811	.00664	94.116	.24721	.15567	.44637	210.13
Stddev	.00014	.00022	4.731	.00074	.00005	.00147	.84
%RSD	1.7095	3.2919	5.0262	.29902	.03240	.32916	.39944

#1	.00822	.00641	98.978	.24676	.15570	.44728	211.10
#2	.00796	.00685	93.840	.24807	.15561	.44468	209.69
#3	.00817	.00667	89.530	.24682	.15570	.44715	209.61

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.7473	89.133	.33644	-.00447	8.7114	.33403	1.0381
Stddev	.0126	.471	.00095	.00048	.0115	.00100	.0017
%RSD	.33489	.52790	.28313	10.713	.13163	.29900	.16758

#1	3.7328	89.674	.33571	-.00420	8.7203	.33288	1.0361
#2	3.7549	88.818	.33608	-.00419	8.6984	.33467	1.0389
#3	3.7541	88.908	.33751	-.00503	8.7154	.33455	1.0394

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.652	.00504	.00964	4.0140	2.9826	.01409	3.2838
Stddev	.067	.00008	.01332	.0030	.1292	.00075	.1400
%RSD	.40259	1.6525	138.15	.07584	4.3310	5.3029	4.2640

#1	16.712	.00497	.00960	4.0163	3.1056	.01462	3.4328
#2	16.579	.00513	.02299	4.0105	2.9941	.01323	3.2635
#3	16.665	.00501	-.00366	4.0151	2.8481	.01441	3.1550

Sample Name: K2240-09 Acquired: 4/4/2019 19:19:41 Type: Unk
 Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-03-COMP Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.21238	4.597	-.05701	<.00000	F<.00000
Stddev	.01170	.012	.00765	.17303	1.7814
%RSD	5.5097	.2570	13.416	5.1147	4.5825
#1	.22525	4.598	-.04929	-3.5778	-37.959
#2	.20951	4.585	-.05717	-3.3248	-40.927
#3	.20238	4.608	-.06458	-3.2468	-37.736
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4267.6	84477.	7635.9	91.691	4852.7
Stddev	4.1	309.	387.0	5.270	6.5
%RSD	.09641	.36537	5.0686	5.7471	.13497
#1	4265.2	84121.	7233.9	86.023	4859.2
#2	4265.2	84677.	7667.7	92.608	4846.1
#3	4272.3	84632.	8006.0	96.442	4852.7

Sample Name: K2245-03 Acquired: 4/4/2019 19:24:07 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-1S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00917	.00414	.17147	.02341	.00681	193.94	.69452
Stddev	.00227	.00180	.00114	.00358	.00156	1.27	.00681
%RSD	24.694	43.330	.66290	15.306	22.965	.65362	.98096

#1	.00832	.00282	.17261	.02744	.00565	192.56	.68702
#2	.00746	.00619	.17147	.02059	.00619	195.05	.70033
#3	.01174	.00342	.17034	.02220	.00859	194.23	.69621

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00676	.00105	8.5746	.20411	.06461	.27932	173.90
Stddev	.00010	.00029	.0145	.00144	.00038	.00098	1.24
%RSD	1.5170	27.880	.16897	.70509	.58154	.35138	.71449

#1	.00683	.00134	8.5799	.20247	.06470	.27874	172.47
#2	.00664	.00076	8.5857	.20516	.06419	.27876	174.69
#3	.00680	.00104	8.5582	.20470	.06493	.28045	174.55

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0435	29.922	.15882	-.00731	5.4812	.35867	.52319
Stddev	.0096	.265	.00093	.00058	.0496	.00404	.00097
%RSD	.47028	.88677	.58408	7.8846	.90549	1.1261	.18568

#1	2.0334	29.698	.15882	-.00773	5.4258	.35405	.52428
#2	2.0525	30.215	.15789	-.00755	5.5216	.36042	.52290
#3	2.0446	29.854	.15974	-.00665	5.4962	.36154	.52240

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1050	.00136	-.00211	.69015	4.5365	.00765	1.9087
Stddev	.0413	.00030	.00216	.00132	.0580	.00105	.0018
%RSD	.80926	22.090	102.51	.19185	1.2796	13.709	.09249

#1	5.0696	.00102	.00031	.69068	4.6013	.00666	1.9079
#2	5.1504	.00156	-.00277	.69112	4.5190	.00754	1.9076
#3	5.0949	.00151	-.00386	.68864	4.4893	.00875	1.9108

Sample Name: K2245-03 Acquired: 4/4/2019 19:24:07 Type: Unk
 Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-1S Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.11871	4.079	-.12021	<.00000	F<.00000
Stddev	.00055	.015	.00136	.64166	5.2203
%RSD	.46381	.3563	1.1323	20.531	47.997
#1	.11822	4.069	-.11866	-2.4031	-13.749
#2	.11860	4.072	-.12123	-3.3429	-4.8505
#3	.11931	4.095	-.12073	-3.6298	-14.029
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4390.5	84956.	7888.0	98.909	5123.4
Stddev	2.8	346.	56.3	1.880	6.9
%RSD	.06285	.40706	.71424	1.9005	.13405
#1	4390.3	85294.	7840.3	97.923	5115.7
#2	4387.9	84603.	7873.4	97.727	5125.5
#3	4393.4	84970.	7950.2	101.08	5129.0

Sample Name: K2245-07 Acquired: 4/4/2019 19:28:35 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-1D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01699	-.00021	.08040	.02600	.00618	115.29	.50135
Stddev	.00097	.00051	.00171	.00186	.00088	.40	.00261
%RSD	5.6868	247.99	2.1271	7.1552	14.198	.34824	.52126

#1	.01588	-.00003	.07846	.02385	.00528	115.17	.49855
#2	.01744	.00020	.08103	.02698	.00704	114.96	.50176
#3	.01765	-.00078	.08170	.02716	.00622	115.74	.50373

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00685	.00178	7.5420	.10508	.10423	.28264	190.06
Stddev	.00002	.00019	.0222	.00040	.00058	.00158	1.23
%RSD	.28128	10.396	.29498	.37686	.55775	.55828	.64453

#1	.00684	.00189	7.5665	.10538	.10452	.28183	188.98
#2	.00683	.00189	7.5365	.10463	.10460	.28446	189.81
#3	.00687	.00157	7.5231	.10523	.10356	.28164	191.39

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.8357	22.943	.16405	-.00696	2.8537	.25464	.39147
Stddev	.0094	.103	.00117	.00046	.0341	.00173	.00065
%RSD	.16142	.44732	.71436	6.5915	1.1934	.68132	.16700

#1	5.8382	22.826	.16444	-.00748	2.8144	.25659	.39186
#2	5.8253	22.985	.16497	-.00660	2.8719	.25328	.39184
#3	5.8437	23.018	.16273	-.00679	2.8747	.25403	.39072

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.8010	.00018	-.00016	.24248	7.2975	.00328	3.5308
Stddev	.0355	.00022	.01854	.00341	.0584	.00115	.0029
%RSD	.45519	116.26	11827.	1.4061	.80015	34.895	.08119

#1	7.7642	.00020	-.01952	.23935	7.3601	.00198	3.5337
#2	7.8038	.00039	.01743	.24612	7.2877	.00375	3.5307
#3	7.8351	-.00004	.00162	.24198	7.2445	.00412	3.5279

Sample Name: K2245-07 Acquired: 4/4/2019 19:28:35 Type: Unk
 Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-1D Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.07118	3.851	-.14676	<.00000	F<.00000
Stddev	.00034	.035	.00134	.26735	2.7039
%RSD	.47417	.9097	.91341	6.1058	16.201
#1	.07138	3.832	-.14576	-4.4706	-19.308
#2	.07138	3.892	-.14624	-4.5877	-16.853
#3	.07079	3.831	-.14829	-4.0773	-13.908
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4427.8	86150.	7878.9	100.51	5159.6
Stddev	1.8	157.	38.9	2.65	1.2
%RSD	.04085	.18224	.49425	2.6354	.02360
#1	4429.2	86292.	7847.6	98.865	5159.5
#2	4425.8	85981.	7866.6	99.106	5160.9
#3	4428.4	86177.	7922.5	103.57	5158.5

Sample Name: K2245-11 Acquired: 4/4/2019 19:33:12 Type: Unk
 Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-3S Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01499	.00112	.22943	.02546	.00983	135.78	.57947
Stddev	.00040	.00051	.00076	.00154	.00124	.73	.00235
%RSD	2.6966	45.379	.33100	6.0586	12.614	.53535	.40622

#1	.01455	.00136	.22896	.02612	.01082	135.99	.58021
#2	.01536	.00054	.23031	.02370	.01023	136.37	.58137
#3	.01505	.00146	.22902	.02657	.00844	134.97	.57684

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00752	.00258	7.0254	.14480	.10890	.35813	223.37
Stddev	.00012	.00023	.1323	.00039	.00020	.00174	.85
%RSD	1.5885	8.8909	1.8832	.27116	.18503	.48517	.38093

#1	.00739	.00234	7.1737	.14468	.10874	.35647	223.83
#2	.00762	.00260	6.9832	.14448	.10885	.35994	223.90
#3	.00753	.00280	6.9194	.14524	.10913	.35799	222.39

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.2222	28.102	.19365	-.00840	9.4750	.29645	.57798
Stddev	.0162	.101	.00094	.00025	.0455	.00069	.00194
%RSD	.38390	.35960	.48763	2.9240	.47998	.23185	.33525

#1	4.2394	28.062	.19473	-.00851	9.4628	.29700	.57618
#2	4.2072	28.217	.19298	-.00857	9.5253	.29568	.57774
#3	4.2200	28.026	.19324	-.00812	9.4368	.29667	.58003

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.7020	.00096	-.00603	.41338	9.3940	.00750	3.9778
Stddev	.0543	.00009	.00531	.00187	.1633	.00042	.0567
%RSD	.62386	8.8379	88.002	.45178	1.7381	5.6336	1.4259

#1	8.6723	.00088	-.00296	.41507	9.5636	.00784	4.0424
#2	8.7647	.00105	-.00297	.41137	9.3807	.00763	3.9545
#3	8.6691	.00096	-.01216	.41370	9.2378	.00702	3.9364

Sample Name: K2245-11 Acquired: 4/4/2019 19:33:12 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-3S Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.08646	3.995	-.19253	<.00000	F<.00000
Stddev	.00311	.013	.00093	.75655	1.8029
%RSD	3.5997	.3131	.48440	11.850	5.5723
#1	.09003	3.987	-.19203	-7.2557	-30.415
#2	.08502	3.989	-.19360	-6.0022	-32.667
#3	.08433	4.010	-.19195	-5.8951	-33.980
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4433.9	86242.	7989.9	102.26	5174.4
Stddev	9.0	216.	123.1	2.15	8.0
%RSD	.20267	.24994	1.5404	2.1059	.15407
#1	4441.1	86160.	7847.8	99.777	5182.9
#2	4436.7	86079.	8058.4	103.65	5173.3
#3	4423.8	86486.	8063.4	103.34	5167.1

Sample Name: K2245-15 Acquired: 4/4/2019 19:37:48 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-3D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01432	.00091	.12139	.02152	.00630	85.072	.48525
Stddev	.00102	.00129	.00250	.00181	.00125	.153	.00026
%RSD	7.1501	141.42	2.0586	8.4308	19.788	.17995	.05369

#1	.01463	.00221	.12089	.02014	.00678	85.249	.48495
#2	.01515	-.00038	.11918	.02358	.00723	84.978	.48540
#3	.01318	.00091	.12410	.02085	.00488	84.991	.48541

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00609	.00239	10.635	.10582	.08262	.28010	172.87
Stddev	.00015	.00016	.083	.00044	.00038	.00171	.51
%RSD	2.4275	6.8841	.78170	.41819	.46097	.60878	.29267

#1	.00610	.00248	10.548	.10552	.08254	.27983	172.32
#2	.00594	.00220	10.643	.10633	.08228	.27855	172.97
#3	.00623	.00249	10.713	.10561	.08303	.28193	173.32

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5536	24.881	.15257	-.00615	3.8894	.23481	.74028
Stddev	.0065	.119	.00022	.00032	.0226	.00135	.00206
%RSD	.14257	.47935	.14479	5.2412	.58072	.57326	.27785

#1	4.5600	24.883	.15231	-.00622	3.9007	.23486	.73911
#2	4.5539	24.761	.15271	-.00580	3.9042	.23344	.73909
#3	4.5470	24.999	.15269	-.00644	3.8634	.23613	.74266

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.1332	.00032	.00669	.25122	4.5724	.00387	2.7456
Stddev	.0333	.00017	.01058	.00364	.0013	.00120	.0162
%RSD	.54323	53.530	158.09	1.4502	.02909	30.956	.58981

#1	6.1544	.00032	-.00519	.24724	4.5722	.00526	2.7282
#2	6.0948	.00015	.01510	.25439	4.5712	.00325	2.7482
#3	6.1503	.00049	.01016	.25203	4.5739	.00311	2.7602

Sample Name: K2245-15 Acquired: 4/4/2019 19:37:48 Type: Unk
 Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-3D Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.07445	4.883	-.12894	<.00000	F<.00000
Stddev	.00066	.003	.00039	.13355	3.8650
%RSD	.88949	.0630	.30177	3.1360	50.545
#1	.07470	4.883	-.12862	-4.4065	-12.080
#2	.07370	4.880	-.12884	-4.2219	-4.9848
#3	.07495	4.886	-.12937	-4.1471	-5.8751
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4495.7	87819.	8014.4	101.24	5297.1
Stddev	8.2	269.	26.0	2.50	6.4
%RSD	.18349	.30605	.32500	2.4741	.11998
#1	4486.7	87511.	8036.9	104.05	5289.8
#2	4502.9	88007.	7985.9	100.43	5301.3
#3	4497.5	87938.	8020.4	99.241	5300.2

Sample Name: K2258-02 Acquired: 4/4/2019 19:42:15 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: STONE Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00461	.00003	.02362	.02011	.00217	41.960	.22269	.00191
Stddev	.00177	.00043	.00058	.00249	.00179	.131	.00215	.00013
%RSD	38.325	1356.8	2.4759	12.361	82.548	.31271	.96489	6.5916
#1	-.00267	.00000	.02430	.02298	.00165	41.895	.22328	.00197
#2	-.00504	.00048	.02331	.01862	.00416	42.111	.22447	.00176
#3	-.00612	-.00039	.02326	.01874	.00069	41.873	.22030	.00199
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00088	29.814	.08409	.22426	.44371	113.56	.60182	38.541
Stddev	.00011	.050	.00053	.00101	.00134	.62	.00066	.241
%RSD	11.996	.16686	.63581	.44873	.30159	.54617	.10940	.62528
#1	-.00083	29.870	.08470	.22347	.44256	112.94	.60187	38.330
#2	-.00081	29.798	.08372	.22539	.44518	114.18	.60245	38.804
#3	-.00100	29.774	.08385	.22390	.44339	113.56	.60114	38.489
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16100	-.00194	.68120	.15583	.24591	26.250	.00471	.00570
Stddev	.00122	.00052	.00800	.00128	.00102	.060	.00014	.01633
%RSD	.75605	26.959	1.1749	.82432	.41367	.22719	3.0177	286.35
#1	.15978	-.00203	.67671	.15698	.24507	26.269	.00474	.02415
#2	.16222	-.00138	.69044	.15444	.24704	26.299	.00483	-.00012
#3	.16099	-.00241	.67644	.15606	.24563	26.184	.00455	-.00692
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 14.995	2.2575	.00529	6.2426	.05909	5.332	-.09231	2.8113
Stddev	.156	.0169	.00083	.0174	.00037	.026	.00061	.3360
%RSD	1.0419	.74783	15.669	.27846	.63037	.4912	.65939	11.951
#1	14.859	2.2754	.00446	6.2229	.05936	5.301	-.09169	2.4257
#2	15.165	2.2419	.00529	6.2558	.05924	5.348	-.09291	3.0410
#3	14.961	2.2552	.00612	6.2490	.05867	5.345	-.09234	2.9672

Sample Name: K2258-02 Acquired: 4/4/2019 19:42:15 Type: Unk
 Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: STONE Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	9.7715
Stddev	1.8414
%RSD	18.845

#1	11.847
#2	9.1344
#3	8.3332

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4139.9	80790.	7348.9	99.097	5240.2
Stddev	7.1	212.	25.5	.639	9.1
%RSD	.17163	.26189	.34759	.64470	.17456

#1	4131.8	80737.	7330.6	99.804	5230.1
#2	4142.5	80610.	7378.1	98.561	5242.5
#3	4145.3	81023.	7338.0	98.925	5247.9

Sample Name: K2207-01 Acquired: 4/4/2019 19:46:34 Type: Unk
Method: P4-ICP2(v3020) 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	-.00355	-.00347	.00756	.00901	-.00202	-.04572	.23326	-.00003
Stddev	.00111	.00100	.00112	.00409	.00230	.02498	.00097	.00002
%RSD	31.266	28.825	14.866	45.422	113.93	54.639	.41743	74.438
#1	-.00232	-.00395	.00766	.01374	-.00034	-.07291	.23224	-.00002
#2	-.00387	-.00414	.00639	.00660	-.00108	-.02377	.23418	-.00002
#3	-.00447	-.00232	.00863	.00670	-.00464	-.04049	.23336	-.00005
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00045	310.10	.00382	.00124	.05893	18.955	1.1325	79.075
Stddev	.00002	.04	.00012	.00015	.00028	.015	.0026	.531
%RSD	5.4673	.01156	3.0262	12.310	.48025	.07943	.22741	.67213
#1	-.00045	310.07	.00385	.00109	.05905	18.947	1.1295	78.561
#2	-.00047	310.14	.00392	.00123	.05913	18.972	1.1341	79.041
#3	-.00042	310.10	.00369	.00139	.05861	18.945	1.1338	79.623
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00508	.00007	100.27	.00022	.10280	27.024	.00111	.34929
Stddev	.00070	.00032	.61	.00034	.00011	.089	.00022	.00709
%RSD	13.870	473.63	.61187	155.32	.11056	.33112	19.761	2.0291
#1	.00427	-.00021	99.565	.00061	.10268	26.920	.00135	.34918
#2	.00551	.00042	100.67	.00008	.10291	27.076	.00092	.34226
#3	.00547	-.00001	100.58	-.00003	.10281	27.075	.00106	.35644
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 107.48	F 14.981	-.04185	.00376	.02453	1.892	2.7689	13.428
Stddev	.15	.046	.00053	.00051	.00186	.006	.0010	.426
%RSD	.14133	.30692	1.2753	13.536	7.5772	.3035	.03569	3.1745
#1	107.32	15.032	-.04243	.00324	.02238	1.888	2.7692	13.911
#2	107.62	14.966	-.04172	.00379	.02558	1.890	2.7696	13.267
#3	107.49	14.944	-.04139	.00426	.02562	1.899	2.7677	13.105

Sample Name: K2207-01 Acquired: 4/4/2019 19:46:34 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	39.494
Stddev	.641
%RSD	1.6235

#1	38.923
#2	40.188
#3	39.370

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3584.5	70445.	6487.5	91.350	4685.7
Stddev	14.1	205.	40.2	.643	8.9
%RSD	.39357	.29112	.61903	.70414	.19099

#1	3570.6	70477.	6448.4	91.888	4676.8
#2	3583.9	70226.	6485.4	91.525	4685.5
#3	3598.8	70632.	6528.7	90.638	4694.7

Sample Name: K2207-01DUP Acquired: 4/4/2019 19:50:53 Type: Unk
Method: P4-ICP2(v3020) 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	-.00622	-.00287	.00693	.00258	-.00047	-.01833	.23504	-.00005
Stddev	.00143	.00050	.00041	.00181	.00108	.01043	.00059	.00003
%RSD	22.969	17.356	5.9720	70.095	231.03	56.901	.25261	54.938
#1	-.00557	-.00338	.00651	.00467	-.00040	-.02151	.23436	-.00004
#2	-.00786	-.00238	.00695	.00145	.00058	-.02680	.23545	-.00007
#3	-.00523	-.00287	.00733	.00163	-.00159	-.00668	.23531	-.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00039	313.75	.00371	.00124	.05976	19.117	1.1448	79.591
Stddev	.00002	1.58	.00028	.00018	.00030	.027	.0067	.481
%RSD	5.1371	.50375	7.6199	14.517	.50501	.13969	.58529	.60487
#1	-.00041	312.24	.00398	.00137	.06008	19.096	1.1387	79.037
#2	-.00037	313.63	.00373	.00103	.05971	19.109	1.1437	79.829
#3	-.00039	315.39	.00342	.00131	.05949	19.147	1.1520	79.907
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00549	-.00012	100.92	.00010	.10352	27.183	.00136	.35660
Stddev	.00020	.00060	.44	.00043	.00043	.072	.00029	.01222
%RSD	3.7225	493.06	.43850	419.88	.41269	.26469	21.037	3.4277
#1	.00563	.00031	100.58	.00032	.10357	27.130	.00104	.34430
#2	.00558	.00014	100.77	-.00039	.10392	27.155	.00147	.35676
#3	.00526	-.00081	101.42	.00037	.10307	27.265	.00159	.36874
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 108.36	F 15.149	-.04203	.00297	.02531	1.911	2.7956	13.300
Stddev	.45	.004	.00067	.00120	.00093	.007	.0030	.606
%RSD	.41298	.02574	1.5932	40.268	3.6713	.3587	.10760	4.5597
#1	108.27	15.149	-.04244	.00190	.02426	1.908	2.7943	13.878
#2	108.85	15.153	-.04239	.00426	.02604	1.919	2.7934	13.353
#3	107.96	15.145	-.04126	.00275	.02563	1.907	2.7990	12.669

Sample Name: K2207-01DUP Acquired: 4/4/2019 19:50:53 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	34.059
Stddev	1.715
%RSD	5.0342

#1	35.082
#2	32.080
#3	35.016

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3564.8	70108.	6438.5	89.548	4660.8
Stddev	16.3	180.	5.9	2.043	19.6
%RSD	.45750	.25709	.09205	2.2815	.42029

#1	3546.3	70299.	6442.3	87.898	4643.5
#2	3570.8	70084.	6431.7	91.833	4656.8
#3	3577.2	69941.	6441.5	88.912	4682.1

Sample Name: CCV08 Acquired: 4/4/2019 19:55:12 Type: Unk
Method: P4-ICP2(v3020) 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	5.0474	4.9002	5.0325	5.0986	4.9806	9.6588	9.7463	.24811
Stddev	.0032	.0093	.0052	.0012	.0018	.1060	.0290	.00037
%RSD	.06338	.18943	.10326	.02353	.03579	1.0979	.29730	.14914
#1	5.0491	4.9105	5.0282	5.0978	4.9808	9.5531	9.7130	.24854
#2	5.0494	4.8976	5.0311	5.1000	4.9823	9.6583	9.7599	.24792
#3	5.0437	4.8925	5.0383	5.0981	4.9788	9.7652	9.7659	.24788
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4896	25.438	.96864	2.5038	1.2574	4.9572	2.3957	24.694
Stddev	.0024	.026	.00221	.0021	.0019	.0061	.0043	.255
%RSD	.09627	.10285	.22830	.08393	.15540	.12358	.17734	1.0328
#1	2.4894	25.436	.96616	2.5037	1.2562	4.9539	2.3914	24.445
#2	2.4874	25.465	.97040	2.5017	1.2596	4.9643	2.3999	24.682
#3	2.4922	25.413	.96936	2.5059	1.2562	4.9535	2.3958	24.954
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4846	1.2294	24.257	2.4646	2.5260	23.644	5.0058	4.7756
Stddev	.0045	.0010	.091	.0033	.0012	.159	.0010	.0631
%RSD	.18115	.08551	.37400	.13369	.04797	.67274	.01950	1.3223
#1	2.4855	1.2285	24.155	2.4627	2.5273	23.473	5.0052	4.7033
#2	2.4798	1.2305	24.285	2.4684	2.5256	23.671	5.0052	4.8201
#3	2.4886	1.2290	24.330	2.4627	2.5250	23.788	5.0069	4.8034
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0214	4.9549	4.9676	5.0555	4.7624	5.021	4.9983	F 8.7847
Stddev	.0105	.0375	.0123	.0052	.0520	.007	.0367	.2429
%RSD	.20957	.75768	.24713	.10355	1.0923	.1446	.73386	2.7653
#1	5.0331	4.9830	4.9755	5.0515	4.8018	5.024	5.0294	9.0247
#2	5.0185	4.9695	4.9534	5.0536	4.7820	5.013	5.0077	8.5389
#3	5.0126	4.9123	4.9738	5.0614	4.7035	5.026	4.9579	8.7904

Sample Name: CCV08 Acquired: 4/4/2019 19:55:12 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 17.203
Stddev 2.831
%RSD 16.454

#1 20.077
#2 14.418
#3 17.115

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3936.1	75457.	6844.9	96.683	5216.2
Stddev	4.8	96.	61.4	1.439	9.1
%RSD	.12196	.12788	.89751	1.4883	.17355

#1	3930.6	75534.	6785.2	95.923	5207.6
#2	3938.8	75489.	6841.7	95.783	5225.6
#3	3939.0	75349.	6907.9	98.343	5215.5

Sample Name: CCB08 Acquired: 4/4/2019 19:59:09 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00031	-.00112	.00110	.00051	.00099	.00367	.00229	.00004
Stddev	.00233	.00037	.00050	.00130	.00089	.00748	.00021	.00002
%RSD	763.39	33.366	45.300	253.92	89.286	203.87	9.2746	54.282
#1	.00231	-.00119	.00099	-.00085	.00146	.00696	.00226	.00006
#2	-.00215	-.00071	.00067	.00064	.00155	-.00489	.00210	.00002
#3	-.00107	-.00145	.00165	.00174	-.00003	.00895	.00252	.00004
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	-.01498	.00042	.00003	-.00093	.00860	-.00011	.01318
Stddev	.00003	.01251	.00041	.00007	.00021	.00052	.00005	.05321
%RSD	64.936	83.517	96.247	218.32	22.850	6.0893	48.523	403.74
#1	-.00002	-.00509	.00089	.00011	-.00068	.00847	-.00015	.07225
#2	-.00006	-.02904	.00016	.00002	-.00103	.00918	-.00013	-.00174
#3	-.00008	-.01080	.00021	-.00003	-.00106	.00816	-.00005	-.03098
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00019	.00058	-.30762	.00030	.00032	-.06105	-.00002	-.00013
Stddev	.00017	.00060	.00638	.00031	.00019	.00461	.00015	.01369
%RSD	86.708	103.29	2.0736	103.49	59.118	7.5444	610.45	10618.
#1	-.00009	.00006	-.30419	.00011	.00052	-.05612	.00001	.01432
#2	-.00010	.00123	-.31498	.00066	.00026	-.06524	.00011	-.01289
#3	-.00039	.00045	-.30368	.00013	.00016	-.06181	-.00019	-.00182
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00149	.00057	-.00356	.00132	-.00762	-.0021	.00018	F 7.7639
Stddev	.00125	.00154	.00089	.00182	.00049	.0007	.00009	.5939
%RSD	84.186	269.61	24.959	137.59	6.4124	32.33	49.974	7.6502
#1	.00097	.00092	-.00258	.00136	-.00815	-.0024	.00015	8.4493
#2	.00057	.00191	-.00432	-.00051	-.00753	-.0027	.00027	7.4011
#3	.00291	-.00111	-.00377	.00312	-.00719	-.0014	.00010	7.4412

Sample Name: CCB08 Acquired: 4/4/2019 19:59:09 Type: Unk
 Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 4.7115
Stddev	3.1517
%RSD	66.893

#1	8.2662
#2	3.6092
#3	2.2590

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4040.3	76995.	6798.5	101.08	5745.2
Stddev	8.2	293.	46.4	1.07	15.5
%RSD	.20210	.38040	.68178	1.0597	.26909

#1	4033.0	76677.	6804.3	100.02	5727.3
#2	4049.1	77055.	6749.5	102.16	5754.6
#3	4038.7	77253.	6841.6	101.05	5753.6

Sample Name: K2207-01LX5 Acquired: 4/4/2019 20:03:38 Type: Unk
Method: P4-ICP2(v3020) 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	-.00157	-.00239	.00270	.00338	-.00111	.00365	.04916	.00000
Stddev	.00076	.00049	.00158	.00386	.00045	.00454	.00051	.00001
%RSD	48.609	20.661	58.671	114.31	40.156	124.47	1.0371	188.55
#1	-.00139	-.00211	.00349	.00625	-.00132	.00558	.04861	.00001
#2	-.00092	-.00210	.00373	.00490	-.00142	-.00154	.04962	-.00000
#3	-.00241	-.00296	.00088	-.00101	-.00060	.00690	.04926	.00001
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00026	64.479	.00071	.00046	.01218	4.0597	.23972	16.278
Stddev	.00005	.496	.00047	.00019	.00040	.0043	.00159	.038
%RSD	18.415	.76866	66.399	41.684	3.2449	.10652	.66314	.23445
#1	-.00031	63.954	.00017	.00067	.01203	4.0547	.23796	16.259
#2	-.00021	64.545	.00102	.00043	.01188	4.0627	.24106	16.253
#3	-.00026	64.939	.00095	.00029	.01263	4.0616	.24012	16.322
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00034	.00002	19.884	.00019	.02015	5.3170	.00020	.07007
Stddev	.00030	.00022	.180	.00030	.00013	.0420	.00023	.00288
%RSD	88.340	1007.4	.90562	156.85	.62250	.79083	114.02	4.1149
#1	.00014	.00026	19.700	-.00006	.02029	5.3307	.00047	.06752
#2	.00018	-.00002	19.892	.00012	.02006	5.2698	.00009	.07320
#3	.00068	-.00017	20.059	.00053	.02009	5.3504	.00005	.06949
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 21.323	3.2366	-.01126	.00276	.00015	.3731	.56799	9.2270
Stddev	.121	.0019	.00046	.00062	.00085	.0018	.00221	.4998
%RSD	.56858	.05800	4.0955	22.601	561.82	.4829	.38943	5.4162
#1	21.463	3.2346	-.01136	.00247	-.00080	.3752	.56545	9.8000
#2	21.252	3.2383	-.01166	.00234	.00041	.3723	.56904	8.8815
#3	21.253	3.2369	-.01076	.00348	.00084	.3719	.56949	8.9994

Sample Name: K2207-01LX5 Acquired: 4/4/2019 20:03:38 Type: Unk
 Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	21.515
Stddev	1.218
%RSD	5.6610

#1	22.443
#2	21.967
#3	20.136

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3832.4	74010.	6712.6	97.780	5202.5
Stddev	8.1	233.	11.0	.930	13.8
%RSD	.21014	.31546	.16410	.95162	.26568

#1	3824.5	74267.	6718.5	98.791	5188.8
#2	3832.3	73949.	6699.9	97.591	5202.2
#3	3840.6	73812.	6719.4	96.959	5216.5

Sample Name: K2207-01MS Acquired: 4/4/2019 20:08:02 Type: Unk
Method: P4-ICP2(v3020) 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	.83388	1.9557	1.0234	2.1294	.86145	2.0277	.43666	.20370
Stddev	.00284	.0034	.0035	.0097	.00550	.0233	.00037	.00053
%RSD	.34008	.17355	.33843	.45516	.63813	1.1477	.08409	.26246
#1	.83692	1.9548	1.0266	2.1322	.86756	2.0333	.43638	.20338
#2	.83130	1.9528	1.0197	2.1186	.85690	2.0021	.43653	.20341
#3	.83343	1.9594	1.0239	2.1373	.85989	2.0477	.43708	.20432
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20362	308.23	.47768	.21274	.36809	21.812	1.3014	79.531
Stddev	.00092	.85	.00146	.00038	.00216	.036	.0012	.828
%RSD	.45183	.27725	.30614	.17932	.58673	.16631	.09280	1.0412
#1	.20405	308.94	.47709	.21260	.36985	21.778	1.3001	78.989
#2	.20256	308.48	.47660	.21244	.36568	21.810	1.3017	79.119
#3	.20424	307.28	.47934	.21317	.36875	21.850	1.3025	80.484
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.52677	.07172	101.80	.31708	.31068	36.182	.43257	.64122
Stddev	.00146	.00071	.22	.00022	.00030	.096	.00159	.01216
%RSD	.27715	.99439	.21472	.06920	.09523	.26499	.36700	1.8968
#1	.52782	.07122	101.60	.31718	.31093	36.073	.43414	.63384
#2	.52510	.07254	101.78	.31722	.31035	36.253	.43097	.63456
#3	.52737	.07141	102.03	.31682	.31075	36.220	.43260	.65526
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 106.05	F 15.571	.71309	.21675	.22676	8.116	2.9347	15.116
Stddev	.30	.125	.00272	.00262	.00085	.017	.0176	.204
%RSD	.28116	.80052	.38109	1.2082	.37435	.2086	.60094	1.3478
#1	105.78	15.682	.71622	.21706	.22755	8.135	2.9495	14.900
#2	106.37	15.594	.71128	.21399	.22586	8.103	2.9393	15.305
#3	106.00	15.436	.71179	.21920	.22688	8.110	2.9152	15.144

Sample Name: K2207-01MS Acquired: 4/4/2019 20:08:02 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	30.887
Stddev	1.914
%RSD	6.1956

#1	33.064
#2	29.471
#3	30.125

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3559.6	70250.	6442.1	91.973	4635.2
Stddev	15.5	108.	56.4	1.150	8.6
%RSD	.43524	.15412	.87552	1.2504	.18506

#1	3542.2	70163.	6393.4	91.100	4627.3
#2	3564.7	70216.	6429.0	91.542	4634.1
#3	3571.9	70372.	6503.9	93.276	4644.3

Sample Name: K2207-01MSD Acquired: 4/4/2019 20:12:03 Type: Unk
Method: P4-ICP2(v3020) 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	.83467	1.9471	1.0248	2.1249	.86311	2.0180	.43833	.20436
Stddev	.00521	.0058	.0047	.0046	.00190	.0122	.00207	.00065
%RSD	.62432	.29947	.45925	.21548	.22059	.60480	.47287	.31720
#1	.83968	1.9519	1.0303	2.1285	.86513	2.0124	.43597	.20384
#2	.82928	1.9488	1.0218	2.1266	.86134	2.0096	.43914	.20415
#3	.83506	1.9406	1.0225	2.1198	.86286	2.0320	.43987	.20509
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20386	308.24	.47627	.21290	.36903	21.849	1.3117	79.949
Stddev	.00042	2.77	.00186	.00054	.00048	.045	.0021	.748
%RSD	.20845	.89850	.39014	.25322	.13011	.20443	.15690	.93593
#1	.20424	306.52	.47438	.21322	.36927	21.799	1.3094	79.099
#2	.20393	306.76	.47634	.21228	.36847	21.862	1.3126	80.509
#3	.20340	311.43	.47810	.21321	.36934	21.885	1.3132	80.239
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.52632	.07273	102.22	.31750	.31086	36.369	.43151	.65960
Stddev	.00073	.00033	.58	.00052	.00085	.258	.00142	.01273
%RSD	.13900	.45748	.56437	.16228	.27246	.70981	.32918	1.9294
#1	.52698	.07310	101.60	.31733	.31181	36.130	.43243	.65189
#2	.52643	.07264	102.30	.31808	.31018	36.333	.42988	.67429
#3	.52553	.07245	102.75	.31709	.31059	36.643	.43223	.65264
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 105.55	F 15.579	.71413	.21792	.22524	8.099	2.9386	14.415
Stddev	.66	.093	.00159	.00181	.00177	.050	.0267	.329
%RSD	.62333	.59888	.22303	.83181	.78476	.6162	.90741	2.2849
#1	105.97	15.593	.71584	.21597	.22325	8.139	2.9311	14.312
#2	105.88	15.480	.71389	.21955	.22663	8.114	2.9166	14.150
#3	104.79	15.665	.71268	.21825	.22584	8.043	2.9683	14.784

Sample Name: K2207-01MSD Acquired: 4/4/2019 20:12:03 Type: Unk
 Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	30.162
Stddev	2.050
%RSD	6.7951

#1	31.102
#2	31.572
#3	27.811

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3571.8	70286.	6473.4	90.628	4651.1
Stddev	5.7	150.	51.7	.659	14.5
%RSD	.15831	.21296	.79909	.72704	.31153

#1	3572.5	70276.	6453.7	89.879	4647.5
#2	3565.8	70440.	6532.1	90.885	4638.8
#3	3577.0	70141.	6434.4	91.119	4667.1

Sample Name: K2207-01A Acquired: 4/4/2019 20:16:06 Type: Unk
Method: P4-ICP2(v3020) 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	.82262	1.9211	1.0054	2.0899	.85016	2.0049	.42980	.20182
Stddev	.00535	.0069	.0025	.0073	.00393	.0138	.00184	.00031
%RSD	.65047	.35903	.24887	.34715	.46278	.68930	.42861	.15468
#1	.81719	1.9133	1.0036	2.0932	.84708	1.9986	.42815	.20146
#2	.82278	1.9263	1.0083	2.0949	.85459	1.9954	.43179	.20197
#3	.82789	1.9239	1.0043	2.0816	.84880	2.0208	.42945	.20203
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20043	305.28	.46424	.20832	.36323	21.586	1.2992	78.808
Stddev	.00057	1.51	.00175	.00014	.00099	.016	.0076	.990
%RSD	.28655	.49553	.37698	.06750	.27253	.07390	.58781	1.2564
#1	.19982	305.28	.46475	.20835	.36212	21.604	1.2916	77.815
#2	.20051	306.79	.46230	.20816	.36353	21.577	1.2990	78.814
#3	.20096	303.77	.46568	.20844	.36403	21.576	1.3069	79.795
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51736	.07159	100.51	.31240	.30503	35.933	.42508	.62977
Stddev	.00135	.00044	.42	.00093	.00039	.155	.00229	.01832
%RSD	.26032	.61186	.42098	.29773	.12684	.43157	.53899	2.9098
#1	.51596	.07112	100.02	.31150	.30462	36.087	.42244	.61519
#2	.51746	.07199	100.72	.31336	.30538	35.933	.42654	.65034
#3	.51865	.07165	100.78	.31235	.30509	35.777	.42627	.62378
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 104.71	F 15.540	.70095	.21328	.22440	7.983	2.9085	13.330
Stddev	.12	.077	.00271	.00077	.00225	.011	.0185	.768
%RSD	.11087	.49301	.38635	.36017	1.0019	.1407	.63676	5.7596
#1	104.84	15.601	.69916	.21311	.22221	7.983	2.9179	14.217
#2	104.66	15.566	.69963	.21261	.22428	7.972	2.9204	12.871
#3	104.63	15.454	.70407	.21411	.22670	7.994	2.8872	12.903

Sample Name: K2207-01A Acquired: 4/4/2019 20:16:06 Type: Unk
 Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	30.083
Stddev	.977
%RSD	3.2481

#1	29.389
#2	29.659
#3	31.200

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3602.8	70967.	6494.9	90.971	4700.2
Stddev	11.0	112.	34.8	1.631	10.4
%RSD	.30581	.15735	.53541	1.7932	.22203

#1	3599.3	71076.	6468.2	91.009	4695.9
#2	3593.9	70971.	6482.3	89.321	4692.7
#3	3615.1	70853.	6534.2	92.583	4712.1

Sample Name: K2222-06 Acquired: 4/4/2019 20:20:07 Type: Unk
Method: P4-ICP2(v3020) 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	.00563	-.00227	.18822	.00261	.00329	1.0412	.40628	.00015
Stddev	.00138	.00039	.00132	.00166	.00140	.0109	.00254	.00007
%RSD	24.500	17.025	.70113	63.617	42.469	1.0458	.62417	49.550
#1	.00694	-.00187	.18697	.00264	.00183	1.0413	.40353	.00017
#2	.00578	-.00232	.18960	.00426	.00462	1.0302	.40853	.00022
#3	.00419	-.00264	.18809	.00094	.00340	1.0520	.40678	.00007
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	415.57	.01121	.00361	.04479	2.5527	.47095	38.983
Stddev	.00004	1.31	.00033	.00018	.00021	.0128	.00288	.163
%RSD	47.743	.31578	2.9732	4.8964	.46700	.50176	.61098	.41773
#1	.00010	414.14	.01147	.00357	.04483	2.5380	.46875	38.941
#2	.00013	415.85	.01132	.00347	.04497	2.5596	.46988	38.846
#3	.00004	416.72	.01083	.00381	.04456	2.5607	.47421	39.163
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02109	.00050	291.91	.00475	.16522	33.624	.43565	.59191
Stddev	.00044	.00018	.86	.00065	.00026	.184	.00061	.02031
%RSD	2.0825	36.298	.29337	13.738	.15849	.54715	.14038	3.4315
#1	.02125	.00059	291.16	.00457	.16492	33.432	.43501	.56904
#2	.02060	.00063	292.84	.00547	.16538	33.799	.43623	.60783
#3	.02143	.00029	291.71	.00421	.16538	33.640	.43572	.59887
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 213.42	F 12.387	-.06407	.02258	.19134	.3439	1.9151	14.103
Stddev	.83	.062	.00113	.00134	.00193	.0017	.0056	.154
%RSD	.38903	.49942	1.7600	5.9332	1.0098	.4826	.29144	1.0894
#1	214.22	12.356	-.06537	.02146	.18940	.3430	1.9099	14.177
#2	212.56	12.347	-.06355	.02406	.19134	.3429	1.9210	14.205
#3	213.49	12.458	-.06331	.02220	.19327	.3458	1.9144	13.926

Sample Name: K2222-06 Acquired: 4/4/2019 20:20:07 Type: Unk
 Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	40.910
Stddev	.060
%RSD	.14638

#1	40.976
#2	40.858
#3	40.896

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3536.7	69466.	6574.0	93.942	4632.6
Stddev	3.1	168.	3.9	.281	11.0
%RSD	.08682	.24152	.05994	.29933	.23753

#1	3533.5	69655.	6572.8	93.895	4620.3
#2	3537.2	69335.	6578.5	94.244	4636.3
#3	3539.6	69407.	6570.9	93.688	4641.3

Sample Name: K2242-01 Acquired: 4/4/2019 20:24:34 Type: Unk
Method: P4-ICP2(v3020) 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	.02002	-.00048	.07354	.02225	.00475	83.111	1.1348	.00511
Stddev	.00066	.00202	.00090	.00176	.00081	2.533	.0341	.00012
%RSD	3.3179	419.96	1.2277	7.9238	16.972	3.0476	3.0042	2.4034
#1	.01978	.00123	.07257	.02400	.00382	84.554	1.1491	.00511
#2	.01952	-.00271	.07435	.02047	.00516	84.592	1.1594	.00523
#3	.02078	.00003	.07371	.02226	.00526	80.186	1.0959	.00498
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00017	87.037	.20685	.07499	.26551	120.72	4.9466	44.214
Stddev	.00012	6.567	.00459	.00025	.00071	1.57	.1332	1.219
%RSD	72.557	7.5451	2.2200	.33459	.26600	1.3037	2.6924	2.7564
#1	-.00008	94.149	.20597	.07472	.26477	120.08	4.9324	44.910
#2	-.00031	85.759	.21182	.07504	.26617	122.51	5.0864	44.924
#3	-.00012	81.203	.20276	.07522	.26558	119.57	4.8211	42.806
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15258	-.00429	156.05	.18274	.38149	14.131	.01879	.07344
Stddev	.00015	.00041	4.44	.00414	.00046	.446	.00017	.00425
%RSD	.09584	9.5750	2.8424	2.2678	.11974	3.1537	.92693	5.7888
#1	.15243	-.00475	157.61	.18278	.38171	14.351	.01864	.07449
#2	.15258	-.00415	159.49	.18686	.38179	14.425	.01898	.07707
#3	.15272	-.00396	151.04	.17857	.38096	13.619	.01876	.06876
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 18.772	F 92.164	-.00132	2.4631	.13399	3.057	.10114	2.8020
Stddev	.017	5.705	.00088	.1934	.01115	.005	.01899	1.1208
%RSD	.09220	6.1900	66.813	7.8505	8.3234	.1631	18.772	40.001
#1	18.792	98.363	-.00200	2.6746	.14624	3.052	.12214	3.1089
#2	18.761	90.994	-.00164	2.4192	.13128	3.062	.09612	3.7374
#3	18.763	87.135	-.00032	2.2954	.12444	3.056	.08517	1.5597

Sample Name: K2242-01 Acquired: 4/4/2019 20:24:34 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 23.747
Stddev 1.798
%RSD 7.5723

#1 23.266
#2 25.737
#3 22.238

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4230.9	80671.	7008.3	89.727	5048.5
Stddev	6.1	1484.	448.6	6.427	5.7
%RSD	.14432	1.8401	6.4007	7.1631	.11214

#1	4227.4	80554.	6515.9	82.652	5042.1
#2	4227.3	79248.	7115.5	91.326	5050.6
#3	4237.9	82210.	7393.7	95.205	5052.8

Sample Name: K2242-02 Acquired: 4/4/2019 20:29:01 Type: Unk
Method: P4-ICP2(v3020) 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	.02485	-.00088	.09968	.02199	.00686	101.70	1.2811	.00643
Stddev	.00169	.00015	.00125	.00307	.00036	.44	.0043	.00008
%RSD	6.7974	16.705	1.2559	13.980	5.2945	.43116	.33605	1.3156
#1	.02680	-.00072	.10025	.02536	.00680	101.22	1.2763	.00636
#2	.02396	-.00093	.09824	.01932	.00725	102.07	1.2847	.00641
#3	.02379	-.00100	.10054	.02130	.00653	101.81	1.2824	.00653
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00096	81.426	.24900	.09777	.33854	147.59	5.8808	50.030
Stddev	.00009	1.407	.00129	.00014	.00074	.79	.0397	.155
%RSD	9.3305	1.7283	.51981	.13907	.21938	.53288	.67510	.31062
#1	.00090	79.802	.24848	.09766	.33799	147.03	5.8389	49.874
#2	.00106	82.177	.25047	.09793	.33938	147.25	5.8857	50.033
#3	.00092	82.298	.24804	.09774	.33824	148.49	5.9178	50.185
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19454	-.00587	154.95	.22783	.49410	16.246	.02354	.07941
Stddev	.00067	.00019	.57	.00101	.00067	.068	.00023	.00706
%RSD	.34405	3.1578	.36993	.44124	.13656	.42099	.97871	8.8956
#1	.19472	-.00597	154.31	.22667	.49406	16.169	.02378	.08576
#2	.19380	-.00565	155.43	.22845	.49345	16.301	.02350	.07180
#3	.19510	-.00597	155.09	.22837	.49479	16.267	.02333	.08066
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 19.718	F 92.770	-.00030	2.7193	.14884	4.028	.06247	2.2568
Stddev	.077	1.231	.00030	.0493	.00370	.015	.00339	.3244
%RSD	.38824	1.3271	100.37	1.8119	2.4875	.3651	5.4312	14.374
#1	19.731	91.348	-.00064	2.6624	.14476	4.031	.05882	2.0959
#2	19.636	93.485	-.00015	2.7480	.14979	4.013	.06552	2.6302
#3	19.788	93.476	-.00010	2.7475	.15198	4.042	.06307	2.0444

Sample Name: K2242-02 Acquired: 4/4/2019 20:29:01 Type: Unk
 Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	9.4488
Stddev	7.4028
%RSD	78.346

#1	5.4348
#2	4.9200
#3	17.992

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4155.4	80463.	7497.1	95.223	4821.2
Stddev	10.3	182.	77.6	.557	9.8
%RSD	.24681	.22618	1.0352	.58500	.20234

#1	4148.0	80256.	7586.6	95.221	4815.0
#2	4151.2	80598.	7449.3	94.667	4816.2
#3	4167.1	80534.	7455.3	95.781	4832.5

Sample Name: K2242-03 Acquired: 4/4/2019 20:33:36 Type: Unk
Method: P4-ICP2(v3020) 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	.00061	-.00034	-.00048	-.00077	-.00403	-.00103	.00190	.00004
Stddev	.00038	.00039	.00013	.00178	.00080	.00266	.00067	.00005
%RSD	61.983	115.84	26.445	230.03	19.800	257.03	35.229	114.74

#1	.00095	-.00013	-.00054	-.00270	-.00451	-.00092	.00248	-.00001
#2	.00067	-.00009	-.00033	-.00044	-.00449	-.00375	.00207	.00008
#3	.00020	-.00079	-.00056	.00081	-.00311	.00157	.00117	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	8.3674	-.00003	.00012	-.00243	-.00738	-.00156	3.7508
Stddev	.00002	.0332	.00042	.00008	.00026	.00062	.00003	.0202
%RSD	33.100	.39658	1640.3	67.021	10.804	8.3379	2.0730	.53868

#1	.00009	8.3797	.00026	.00013	-.00274	-.00747	-.00154	3.7740
#2	.00004	8.3926	-.00051	.00004	-.00231	-.00795	-.00160	3.7410
#3	.00008	8.3298	.00018	.00021	-.00226	-.00673	-.00155	3.7373

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00059	.00034	6.4243	.00051	.00338	-.04717	-.00005	-.00113
Stddev	.00037	.00052	.0290	.00029	.00014	.03834	.00021	.00951
%RSD	62.479	153.97	.45162	57.420	4.0057	81.279	467.34	841.98

#1	.00096	.00090	6.4308	.00018	.00340	-.06578	.00013	.00295
#2	.00022	.00021	6.4495	.00074	.00351	-.00308	.00002	.00566
#3	.00058	-.00011	6.3926	.00060	.00324	-.07266	-.00028	-.01200

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.4090	.04683	-.00832	.00068	-.01272	-.0017	.00244	2.3162
Stddev	.0050	.00051	.00027	.00162	.00099	.0009	.00010	.5534
%RSD	.11246	1.0991	3.2653	238.44	7.7498	55.48	3.9997	23.892

#1	4.4106	.04734	-.00801	.00244	-.01374	-.0012	.00234	2.7638
#2	4.4130	.04631	-.00843	-.00076	-.01267	-.0011	.00253	2.4874
#3	4.4035	.04685	-.00851	.00037	-.01177	-.0027	.00247	1.6975

Sample Name: K2242-03 Acquired: 4/4/2019 20:33:36 Type: Unk
 Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 17.409
 Stddev 3.482
 %RSD 20.004

#1 17.673
 #2 13.802
 #3 20.752

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4342.3	82264.	7272.0	109.84	6231.2
Stddev	9.0	403.	78.4	.79	9.5
%RSD	.20690	.48979	1.0786	.71696	.15290

#1	4352.6	82716.	7362.3	110.15	6241.9
#2	4338.5	81943.	7221.0	110.42	6223.6
#3	4335.9	82132.	7232.6	108.94	6228.0

Sample Name: K2242-06 Acquired: 4/4/2019 20:38:01 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TWP-02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00253	-.00334	.00077	.00307	-.00200	.01202	.39801	-.00002
Stddev	.00149	.00036	.00107	.00150	.00122	.01089	.00408	.00001
%RSD	59.067	10.632	139.68	48.933	60.979	90.575	1.0248	54.829
#1	-.00080	-.00302	.00188	.00462	-.00092	.01513	.39919	-.00001
#2	-.00341	-.00327	.00068	.00162	-.00332	-.00008	.40137	-.00004
#3	-.00337	-.00372	-.00026	.00298	-.00175	.02101	.39347	-.00003
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	81.934	.00095	.00643	.00196	-.00098	1.3914	18.158
Stddev	.00005	.089	.00006	.00022	.00010	.00047	.0026	.124
%RSD	134.76	.10843	6.6645	3.4610	5.1117	48.592	.18800	.68046
#1	.00009	81.866	.00102	.00668	.00192	-.00089	1.3883	18.059
#2	.00001	81.901	.00090	.00634	.00189	-.00055	1.3929	18.297
#3	.00001	82.035	.00092	.00626	.00208	-.00149	1.3928	18.119
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00656	.00105	170.53	-.00106	.03346	3.1573	.00318	.02366
Stddev	.00032	.00053	1.56	.00017	.00015	.0219	.00024	.00722
%RSD	4.9104	50.929	.91609	15.769	.45802	.69250	7.5790	30.510
#1	.00620	.00161	170.95	-.00087	.03363	3.1707	.00297	.02307
#2	.00682	.00055	171.84	-.00111	.03344	3.1691	.00312	.01676
#3	.00667	.00099	168.80	-.00119	.03333	3.1321	.00344	.03116
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 18.584	F 17.580	-.00979	-.00226	.00220	.0083	.18892	10.549
Stddev	.076	.147	.00024	.00110	.00266	.0005	.00018	.714
%RSD	.40958	.83549	2.4413	48.698	120.60	6.481	.09626	6.7707
#1	18.655	17.521	-.00993	-.00107	.00019	.0077	.18912	10.872
#2	18.504	17.471	-.00951	-.00247	.00120	.0083	.18890	11.045
#3	18.594	17.747	-.00992	-.00323	.00522	.0088	.18876	9.7304

Sample Name: K2242-06 Acquired: 4/4/2019 20:38:01 Type: Unk
 Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TWP-02 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	16.093
Stddev	6.774
%RSD	42.095

#1	16.758
#2	22.510
#3	9.0106

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3785.9	73209.	6666.9	98.501	5118.9
Stddev	12.6	386.	28.4	1.592	18.5
%RSD	.33333	.52723	.42620	1.6166	.36163

#1	3771.4	73034.	6669.5	96.909	5097.9
#2	3791.4	72940.	6693.9	98.500	5126.3
#3	3794.8	73651.	6637.2	100.09	5132.7

Sample Name: K2242-06DUP Acquired: 4/4/2019 20:42:26 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TWP-02DUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00240	-.00380	.00113	.00423	-.00095	.00772	.39947	-.00002
Stddev	.00004	.00117	.00043	.00183	.00048	.00565	.00155	.00005
%RSD	1.5841	30.839	37.785	43.353	50.158	73.080	.38803	213.94
#1	-.00239	-.00413	.00162	.00222	-.00149	.00126	.40118	-.00007
#2	-.00237	-.00250	.00082	.00582	-.00060	.01022	.39815	-.00003
#3	-.00245	-.00477	.00096	.00464	-.00076	.01169	.39909	.00003
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	81.704	.00140	.00648	.00193	.00199	1.3910	18.226
Stddev	.00006	.410	.00039	.00021	.00061	.00147	.0015	.107
%RSD	106.12	.50237	27.868	3.2450	31.707	73.861	.10508	.58631
#1	.00011	81.258	.00178	.00670	.00245	.00366	1.3894	18.306
#2	.00007	81.787	.00142	.00647	.00209	.00092	1.3912	18.105
#3	-.00001	82.066	.00100	.00628	.00126	.00138	1.3923	18.268
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00648	.00036	171.74	-.00086	.03309	3.2059	.00307	.02585
Stddev	.00026	.00032	1.14	.00036	.00016	.0322	.00011	.00858
%RSD	4.0505	87.755	.66493	42.271	.49408	1.0046	3.6694	33.205
#1	.00667	.00004	172.90	-.00064	.03301	3.2006	.00310	.02202
#2	.00618	.00068	170.62	-.00128	.03327	3.2404	.00294	.01985
#3	.00660	.00037	171.69	-.00066	.03298	3.1766	.00316	.03568
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 18.572	F 17.427	-.01011	.00040	.00211	.0068	.18751	10.789
Stddev	.052	.120	.00138	.00052	.00037	.0008	.00093	.348
%RSD	.27875	.68594	13.640	129.56	17.339	11.48	.49335	3.2260
#1	18.624	17.291	-.01136	.00097	.00171	.0077	.18770	10.396
#2	18.571	17.515	-.01033	.00028	.00222	.0064	.18833	11.058
#3	18.520	17.474	-.00863	-.00005	.00242	.0063	.18651	10.913

Sample Name: K2242-06DUP Acquired: 4/4/2019 20:42:26 Type: Unk
 Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TWP-02DUP Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	21.146
Stddev	7.569
%RSD	35.795

#1	25.438
#2	25.595
#3	12.406

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3784.7	73026.	6708.0	99.697	5119.7
Stddev	7.2	245.	42.8	2.802	9.9
%RSD	.19076	.33526	.63829	2.8107	.19425

#1	3779.7	72778.	6745.9	102.93	5112.2
#2	3793.0	73032.	6661.5	98.069	5115.8
#3	3781.4	73267.	6716.7	98.089	5130.9

Sample Name: CCV09 Acquired: 4/4/2019 20:46:49 Type: Unk
Method: P4-ICP2(v3020) 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	5.1291	5.0747	5.1678	5.1858	5.1420	9.8128	9.9672	.25566
Stddev	.0112	.0063	.0078	.0194	.0027	.0349	.0487	.00078
%RSD	.21913	.12403	.15166	.37446	.05352	.35584	.48901	.30644
#1	5.1167	5.0730	5.1760	5.1643	5.1392	9.7778	9.9118	.25512
#2	5.1386	5.0695	5.1604	5.1912	5.1447	9.8129	9.9861	.25531
#3	5.1320	5.0817	5.1670	5.2020	5.1421	9.8476	10.004	.25656
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5913	26.307	1.0063	2.5746	1.2857	5.1105	2.4725	25.114
Stddev	.0018	.068	.0024	.0058	.0006	.0013	.0073	.226
%RSD	.06777	.25848	.23860	.22465	.05040	.02536	.29504	.89852
#1	2.5933	26.345	1.0062	2.5767	1.2857	5.1108	2.4641	24.877
#2	2.5899	26.347	1.0039	2.5681	1.2863	5.1091	2.4766	25.137
#3	2.5908	26.228	1.0087	2.5791	1.2850	5.1116	2.4769	25.327
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5551	1.2653	24.850	2.5438	2.5825	23.962	5.1553	4.8299
Stddev	.0019	.0047	.124	.0060	.0037	.067	.0072	.0297
%RSD	.07583	.36839	.49991	.23515	.14313	.27891	.14040	.61401
#1	2.5571	1.2599	24.722	2.5395	2.5849	23.908	5.1470	4.7996
#2	2.5533	1.2685	24.857	2.5413	2.5783	23.941	5.1591	4.8589
#3	2.5548	1.2673	24.971	2.5506	2.5844	24.037	5.1599	4.8312
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0768	5.4559	5.1264	5.1815	4.9284	5.127	5.1788	F 10.127
Stddev	.0211	.0183	.0095	.0115	.0228	.006	.0128	.445
%RSD	.41634	.33467	.18540	.22160	.46196	.1234	.24686	4.3901
#1	5.0528	5.4700	5.1182	5.1688	4.9466	5.120	5.1884	10.386
#2	5.0927	5.4624	5.1242	5.1911	4.9358	5.131	5.1837	9.6136
#3	5.0849	5.4353	5.1368	5.1846	4.9029	5.130	5.1643	10.381

Sample Name: CCV09 Acquired: 4/4/2019 20:46:49 Type: Unk
 Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 23.710
Stddev	.791
%RSD	3.3348

#1	23.661
#2	24.524
#3	22.945

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3880.1	74256.	6672.4	96.509	5144.0
Stddev	1.0	168.	23.1	.702	5.0
%RSD	.02579	.22588	.34604	.72757	.09773

#1	3881.2	74434.	6655.6	96.889	5138.6
#2	3880.0	74233.	6663.0	95.699	5148.6
#3	3879.2	74101.	6698.8	96.939	5144.8

Sample Name: CCB09 Acquired: 4/4/2019 20:50:47 Type: Unk
Method: P4-ICP2(v3020) 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	-.00139	-.00035	.00161	-.00004	.00206	.00714	.00169	-.00001
Stddev	.00207	.00084	.00129	.00217	.00057	.00336	.00032	.00010
%RSD	148.41	240.01	80.191	6008.7	27.742	47.000	18.728	1203.9
#1	-.00376	-.00030	.00286	-.00249	.00208	.00698	.00137	-.00007
#2	-.00043	.00046	.00168	.00164	.00261	.00387	.00200	.00010
#3	.00002	-.00122	.00029	.00074	.00147	.01058	.00169	-.00006
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	-.01057	.00026	.00005	-.00042	.00796	-.00002	.00114
Stddev	.00001	.00986	.00021	.00016	.00022	.00036	.00004	.02346
%RSD	34.845	93.296	81.906	353.86	51.935	4.4694	222.63	2053.4
#1	.00003	-.00175	.00037	-.00002	-.00045	.00760	-.00004	.02823
#2	.00006	-.02122	.00039	-.00008	-.00062	.00796	-.00003	-.01200
#3	.00005	-.00875	.00001	.00023	-.00019	.00831	.00003	-.01281
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00059	.00099	-.24900	.00062	.00007	-.07550	.00030	-.00868
Stddev	.00015	.00013	.00375	.00016	.00010	.04705	.00024	.00727
%RSD	25.061	13.358	1.5066	25.690	134.44	62.313	78.608	83.771
#1	-.00064	.00085	-.24945	.00063	.00016	-.02409	.00039	-.00795
#2	-.00070	.00099	-.25252	.00045	.00009	-.11641	.00049	-.01629
#3	-.00042	.00112	-.24505	.00077	-.00003	-.08602	.00003	-.00180
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00397	.00678	-.00319	.00015	-.00478	-.0006	.00020	F 5.6805
Stddev	.00150	.00218	.00083	.00120	.00122	.0004	.00003	1.1475
%RSD	37.826	32.085	26.020	816.47	25.442	62.14	15.573	20.201
#1	-.00494	.00859	-.00228	.00046	-.00617	-.0002	.00021	5.1547
#2	-.00472	.00738	-.00337	-.00117	-.00389	-.0008	.00021	6.9968
#3	-.00224	.00437	-.00391	.00116	-.00429	-.0009	.00016	4.8901

Sample Name: CCB09 Acquired: 4/4/2019 20:50:47 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 6.9495
Stddev	2.0492
%RSD	29.487

#1	8.9018
#2	7.1313
#3	4.8154

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3992.5	75530.	6691.6	99.067	5680.1
Stddev	4.7	72.	55.9	1.068	9.2
%RSD	.11702	.09566	.83570	1.0782	.16155

#1	3991.9	75447.	6653.8	98.283	5677.8
#2	3988.2	75572.	6665.2	98.633	5672.3
#3	3997.5	75572.	6755.8	100.28	5690.2

Sample Name: K2242-06LX5 Acquired: 4/4/2019 20:55:16 Type: Unk
Method: P4-ICP2(v3020) 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	-.00044	-.00152	.00062	.00077	-.00063	.00496	.08302	.00003
Stddev	.00204	.00126	.00036	.00214	.00102	.00898	.00082	.00005
%RSD	466.50	82.899	57.277	278.53	162.61	181.12	.98301	151.35

#1	.00173	-.00249	.00040	.00190	.00055	-.00123	.08396	-.00002
#2	-.00232	-.00197	.00103	-.00170	-.00129	.00084	.08255	.00004
#3	-.00072	-.00010	.00044	.00210	-.00115	.01526	.08254	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	17.526	.00038	.00124	-.00032	.00573	.29367	3.7845
Stddev	.00004	.635	.00068	.00011	.00031	.00024	.00168	.0213
%RSD	116.45	3.6259	180.78	8.7708	98.943	4.1702	.57086	.56342

#1	.00001	18.252	.00081	.00127	-.00024	.00572	.29200	3.7737
#2	.00001	17.070	-.00041	.00112	-.00005	.00550	.29535	3.7708
#3	.00008	17.257	.00074	.00133	-.00066	.00598	.29366	3.8091

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00110	.00079	35.107	.00004	.00623	.54713	.00045	-.00006
Stddev	.00037	.00038	.322	.00034	.00013	.01187	.00007	.01964
%RSD	33.413	47.224	.91654	912.85	2.0892	2.1687	15.019	33319.

#1	.00109	.00039	35.475	.00017	.00631	.56065	.00042	-.00974
#2	.00073	.00113	34.877	.00029	.00630	.54227	.00040	.02254
#3	.00146	.00087	34.969	-.00034	.00608	.53847	.00052	-.01297

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.7258	3.8599	-.00520	-.00045	-.00497	.0017	.03975	8.0608
Stddev	.0122	.1061	.00029	.00206	.00163	.0018	.00158	.9765
%RSD	.32685	2.7487	5.5584	462.49	32.856	108.7	3.9844	12.114

#1	3.7254	3.9820	-.00512	-.00166	-.00311	.0001	.04157	9.0496
#2	3.7138	3.8083	-.00497	.00193	-.00617	.0036	.03900	7.0971
#3	3.7382	3.7895	-.00553	-.00162	-.00562	.0013	.03869	8.0357

Sample Name: K2242-06LX5 Acquired: 4/4/2019 20:55:16 Type: Unk
 Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	8.1903
Stddev	3.3127
%RSD	40.447

#1	5.7745
#2	6.8296
#3	11.967

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3942.4	74842.	6616.2	98.134	5503.9
Stddev	11.8	240.	204.2	3.917	7.8
%RSD	.29880	.32077	3.0862	3.9915	.14148

#1	3938.5	74663.	6380.4	93.717	5498.4
#2	3933.1	74747.	6735.9	101.18	5500.6
#3	3955.7	75115.	6732.2	99.503	5512.8

Sample Name: K2242-06MS Acquired: 4/4/2019 20:59:41 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TWP-02MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.72553	1.7101	.88112	1.8329	.73804	1.8103	.55738	.18213
Stddev	.00298	.0104	.00256	.0101	.00615	.0104	.00293	.00043
%RSD	.41054	.60886	.29101	.55242	.83264	.57151	.52545	.23626
#1	.72380	1.7209	.88408	1.8386	.74484	1.8131	.55614	.18181
#2	.72383	1.7095	.87976	1.8389	.73289	1.7988	.56073	.18262
#3	.72897	1.7001	.87952	1.8212	.73639	1.8189	.55528	.18195
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17948	77.329	.37077	.19060	.27856	2.7715	1.4930	19.043
Stddev	.00071	.771	.00292	.00035	.00161	.0067	.0054	.042
%RSD	.39814	.99651	.78667	.18486	.57821	.24183	.36232	.22008
#1	.18030	76.930	.36776	.19094	.28025	2.7660	1.4899	19.084
#2	.17904	78.217	.37358	.19024	.27704	2.7790	1.4993	19.000
#3	.17909	76.839	.37097	.19062	.27841	2.7694	1.4900	19.044
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.45872	.06489	164.65	.28386	.21452	11.915	.38335	.29357
Stddev	.00119	.00063	.57	.00078	.00020	.135	.00164	.01197
%RSD	.25842	.97659	.34504	.27499	.09233	1.1364	.42700	4.0762
#1	.45996	.06417	164.35	.28296	.21467	11.960	.38523	.29981
#2	.45760	.06520	165.30	.28431	.21429	11.763	.38261	.27978
#3	.45860	.06531	164.29	.28431	.21459	12.022	.38222	.30113
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 17.363	F 17.073	.64070	.18763	.17568	5.291	.35244	9.1005
Stddev	.021	.161	.00103	.00118	.00090	.015	.00317	.1073
%RSD	.12324	.94148	.16025	.62626	.51298	.2774	.89810	1.1787
#1	17.365	16.997	.64152	.18891	.17466	5.307	.35068	9.2203
#2	17.383	17.258	.64103	.18738	.17601	5.288	.35610	9.0676
#3	17.341	16.964	.63954	.18660	.17638	5.278	.35055	9.0135

Sample Name: K2242-06MS Acquired: 4/4/2019 20:59:41 Type: Unk
 Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TWP-02MS Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	8.8310
Stddev	6.3419
%RSD	71.814

#1	11.894
#2	1.5391
#3	13.060

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3819.3	73267.	6754.7	100.59	5147.1
Stddev	7.4	230.	53.9	1.63	10.6
%RSD	.19413	.31457	.79822	1.6244	.20504

#1	3812.0	73193.	6762.4	102.40	5139.7
#2	3819.1	73083.	6697.3	100.17	5142.4
#3	3826.8	73526.	6804.3	99.214	5159.2

Sample Name: K2242-06MSD Acquired: 4/4/2019 21:03:45 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TWP-02MSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.73309	1.7441	.90002	1.8651	.75407	1.8269	.56581	.18484
Stddev	.00452	.0086	.00315	.0150	.00740	.0138	.00270	.00035
%RSD	.61651	.49439	.35052	.80593	.98161	.75744	.47728	.19051
#1	.73818	1.7505	.90360	1.8824	.76250	1.8189	.56825	.18503
#2	.72956	1.7343	.89765	1.8565	.74861	1.8429	.56628	.18444
#3	.73151	1.7475	.89881	1.8562	.75112	1.8189	.56291	.18507
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18309	79.051	.37642	.19416	.28377	2.8178	1.5145	19.309
Stddev	.00118	.401	.00025	.00060	.00291	.0039	.0022	.128
%RSD	.64254	.50787	.06580	.31124	1.0257	.13655	.14449	.66507
#1	.18445	78.862	.37662	.19485	.28711	2.8218	1.5161	19.218
#2	.18235	78.779	.37649	.19393	.28179	2.8173	1.5154	19.456
#3	.18248	79.512	.37614	.19371	.28241	2.8142	1.5120	19.254
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.46885	.06557	166.62	.28751	.21838	12.070	.39029	.29854
Stddev	.00413	.00064	.89	.00124	.00106	.072	.00374	.01645
%RSD	.88050	.97420	.53207	.43277	.48602	.59377	.95828	5.5089
#1	.47328	.06485	167.13	.28860	.21958	12.045	.39458	.31602
#2	.46512	.06607	167.14	.28616	.21800	12.151	.38772	.28337
#3	.46815	.06578	165.60	.28779	.21756	12.014	.38858	.29624
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 17.593	F 17.461	.65623	.19300	.18042	5.390	.36036	10.184
Stddev	.073	.138	.00439	.00261	.00101	.026	.00136	.605
%RSD	.41674	.79121	.66938	1.3531	.56092	.4794	.37810	5.9409
#1	17.509	17.423	.66108	.19084	.18058	5.419	.35980	10.709
#2	17.641	17.347	.65511	.19590	.17934	5.369	.35937	9.5225
#3	17.630	17.615	.65251	.19225	.18134	5.382	.36192	10.321

Sample Name: K2242-06MSD Acquired: 4/4/2019 21:03:45 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TWP-02MSD Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	11.732
Stddev	1.264
%RSD	10.774

#1	10.369
#2	12.866
#3	11.960

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3777.0	72547.	6640.4	98.835	5084.9
Stddev	3.0	328.	52.4	1.679	7.8
%RSD	.07844	.45153	.78848	1.6992	.15438

#1	3776.6	72170.	6629.9	99.874	5091.1
#2	3774.3	72708.	6697.2	99.734	5076.1
#3	3780.2	72763.	6594.1	96.897	5087.6

Sample Name: K2242-06A Acquired: 4/4/2019 21:07:49 Type: Unk
Method: P4-ICP2(v3020) 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	.73206	1.7391	.89497	1.8544	.74847	1.8223	.56400	.18497
Stddev	.00305	.0088	.00454	.0091	.00224	.0186	.00300	.00017
%RSD	.41675	.50654	.50777	.49145	.29894	1.0219	.53211	.09226
#1	.73129	1.7332	.89282	1.8486	.74912	1.8078	.56346	.18482
#2	.73542	1.7492	.90019	1.8649	.75032	1.8158	.56131	.18515
#3	.72946	1.7349	.89190	1.8496	.74599	1.8433	.56724	.18494
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18260	79.315	.37780	.19360	.28265	2.8197	1.5132	19.196
Stddev	.00044	.310	.00130	.00092	.00207	.0018	.0026	.241
%RSD	.24151	.39058	.34352	.47682	.73073	.06369	.17057	1.2537
#1	.18254	79.197	.37865	.19379	.28143	2.8182	1.5158	19.100
#2	.18306	79.666	.37631	.19442	.28503	2.8192	1.5106	19.019
#3	.18219	79.082	.37844	.19260	.28148	2.8217	1.5132	19.470
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.46713	.06545	165.62	.28847	.21707	12.016	.38874	.29509
Stddev	.00167	.00091	.89	.00011	.00074	.129	.00156	.00853
%RSD	.35799	1.3907	.53620	.03928	.34018	1.0696	.40238	2.8893
#1	.46648	.06493	165.24	.28848	.21736	11.909	.38757	.30465
#2	.46903	.06650	164.99	.28858	.21761	11.981	.39051	.28826
#3	.46588	.06493	166.64	.28835	.21623	12.159	.38813	.29237
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 17.590	F 17.552	.65034	.18923	.17961	5.381	.36219	10.136
Stddev	.029	.153	.00246	.00195	.00192	.032	.00089	.070
%RSD	.16625	.87332	.37896	1.0305	1.0705	.5927	.24532	.69153
#1	17.560	17.614	.64888	.18719	.17749	5.375	.36223	10.077
#2	17.618	17.664	.65318	.19108	.18009	5.416	.36306	10.117
#3	17.593	17.377	.64896	.18941	.18124	5.353	.36129	10.214

Sample Name: K2242-06A Acquired: 4/4/2019 21:07:49 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	16.163
Stddev	4.713
%RSD	29.156

#1	20.027
#2	17.550
#3	10.913

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3781.7	72467.	6586.0	97.692	5097.5
Stddev	5.5	214.	47.5	1.431	9.1
%RSD	.14636	.29596	.72095	1.4646	.17872

#1	3779.7	72312.	6557.3	98.261	5094.1
#2	3777.4	72712.	6559.9	96.064	5090.6
#3	3787.9	72376.	6640.8	98.751	5107.8

Sample Name: K2242-10 Acquired: 4/4/2019 21:11:53 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TWP-02-DUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00226	-.00392	.00134	.00223	-.00134	.00570	.28620	-.00013
Stddev	.00073	.00051	.00074	.00141	.00196	.00811	.00247	.00010
%RSD	32.441	13.009	55.108	63.328	145.99	142.33	.86374	74.205
#1	-.00231	-.00334	.00151	.00060	-.00360	.00557	.28335	-.00009
#2	-.00150	-.00418	.00197	.00306	-.00021	-.00235	.28765	-.00006
#3	-.00297	-.00426	.00053	.00302	-.00021	.01387	.28761	-.00024
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	69.876	.00429	.01062	.00185	.00232	2.6109	17.836
Stddev	.00001	.201	.00048	.00018	.00033	.00068	.0137	.201
%RSD	17.054	.28794	11.232	1.6598	17.889	29.236	.52356	1.1292
#1	.00007	69.725	.00481	.01075	.00196	.00186	2.5959	17.639
#2	.00007	70.104	.00421	.01042	.00211	.00200	2.6226	17.828
#3	.00009	69.797	.00386	.01070	.00148	.00310	2.6142	18.042
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01256	.00071	153.31	-.00265	.03842	3.2574	.00409	.01032
Stddev	.00038	.00031	1.31	.00030	.00005	.0242	.00028	.00876
%RSD	3.0631	44.595	.85348	11.336	.12164	.74425	6.9200	84.853
#1	.01245	.00035	151.90	-.00298	.03837	3.2318	.00407	.02032
#2	.01223	.00084	154.49	-.00238	.03845	3.2800	.00382	.00399
#3	.01298	.00093	153.54	-.00260	.03845	3.2604	.00438	.00666
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 16.949	F 14.711	-.01031	-.00027	.00057	.0077	.18748	10.129
Stddev	.061	.101	.00075	.00076	.00202	.0005	.00252	.166
%RSD	.36138	.68795	7.2487	283.80	351.31	6.623	1.3428	1.6425
#1	16.981	14.828	-.01116	-.00114	.00130	.0083	.18865	10.318
#2	16.987	14.654	-.00994	.00010	.00213	.0076	.18459	10.058
#3	16.878	14.651	-.00981	.00023	-.00170	.0073	.18919	10.009

Sample Name: K2242-10 Acquired: 4/4/2019 21:11:53 Type: Unk
 Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TWP-02-DUP Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	18.870
Stddev	.993
%RSD	5.2648

#1	19.547
#2	17.729
#3	19.332

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3810.2	73062.	6775.1	100.17	5151.3
Stddev	9.1	204.	42.9	2.02	13.7
%RSD	.23863	.27938	.63303	2.0134	.26556

#1	3802.0	73278.	6726.2	102.03	5141.3
#2	3808.7	72872.	6792.8	98.025	5145.7
#3	3820.0	73037.	6806.4	100.47	5166.9

Sample Name: K2242-11 Acquired: 4/4/2019 21:16:17 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FIELD-BLANK Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00031	-.00069	-.00103	-.00241	-.00318	.00095	.00706	.00009
Stddev	.00089	.00015	.00044	.00261	.00045	.00432	.00025	.00004
%RSD	291.80	21.122	42.703	108.56	14.133	454.22	3.5028	41.278

#1	.00069	-.00053	-.00103	.00052	-.00332	.00587	.00733	.00009
#2	-.00059	-.00073	-.00059	-.00451	-.00354	-.00222	.00700	.00013
#3	-.00102	-.00081	-.00147	-.00324	-.00267	-.00080	.00685	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	8.4294	.00007	.00018	-.00269	-.00940	.01303	3.7103
Stddev	.00001	.0109	.00025	.00011	.00008	.00086	.00012	.1111
%RSD	13.451	.12910	380.72	61.670	3.0462	9.1386	.95021	2.9947

#1	.00006	8.4341	.00036	.00008	-.00263	-.00989	.01295	3.6561
#2	.00006	8.4371	-.00005	.00029	-.00279	-.00840	.01318	3.8381
#3	.00005	8.4169	-.00011	.00016	-.00267	-.00989	.01298	3.6367

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00109	.00084	6.4450	.00033	.00682	-.02182	-.00031	-.01780
Stddev	.00044	.00021	.0519	.00036	.00028	.02118	.00003	.00310
%RSD	40.937	24.789	.80454	110.13	4.0502	97.083	8.7815	17.399

#1	.00057	.00108	6.3996	.00055	.00656	-.00295	-.00028	-.01833
#2	.00136	.00077	6.4338	.00052	.00680	-.01778	-.00034	-.01448
#3	.00132	.00068	6.5015	-.00009	.00711	-.04472	-.00030	-.02061

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.3689	.03425	-.00899	.00141	-.01351	.0009	.00359	1.1247
Stddev	.0115	.00049	.00054	.00127	.00025	.0008	.00002	.6458
%RSD	.26283	1.4282	5.9635	89.859	1.8523	90.51	.63861	57.421

#1	4.3604	.03395	-.00918	.00018	-.01334	.0012	.00357	.77111
#2	4.3642	.03399	-.00940	.00272	-.01339	-.0000	.00358	.73283
#3	4.3819	.03481	-.00838	.00135	-.01379	.0016	.00361	1.8700

Sample Name: K2242-11 Acquired: 4/4/2019 21:16:17 Type: Unk
 Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: FIELD-BLANK Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	16.696
Stddev	6.966
%RSD	41.720

#1	23.904
#2	16.183
#3	10.001

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4332.7	81733.	7224.7	110.45	6232.7
Stddev	8.7	41.	48.6	.34	19.7
%RSD	.20148	.04994	.67256	.30543	.31569

#1	4341.7	81716.	7191.8	110.23	6251.2
#2	4332.0	81780.	7280.5	110.29	6234.9
#3	4324.3	81704.	7201.7	110.84	6212.0

Sample Name: K2235-01 Acquired: 4/4/2019 21:20:44 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 001M-WILLETS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00020	-.00102	.03886	.00317	-.00143	.97970	.07454	.00014
Stddev	.00101	.00083	.00013	.00210	.00061	.01559	.00108	.00010
%RSD	499.76	81.510	.32750	66.253	42.729	1.5912	1.4464	68.174

#1	.00051	-.00146	.03873	.00219	-.00164	.98290	.07399	.00003
#2	.00024	-.00153	.03885	.00559	-.00074	.96276	.07385	.00019
#3	-.00136	-.00006	.03899	.00174	-.00190	.99345	.07578	.00021

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	93.768	.00401	.00194	.03703	11.717	.36551	6.2339
Stddev	.00003	.551	.00025	.00015	.00019	.013	.00014	.1362
%RSD	28.538	.58813	6.2220	7.9707	.50440	.10975	.03929	2.1850

#1	-.00011	93.975	.00377	.00176	.03689	11.716	.36546	6.1467
#2	-.00007	94.186	.00400	.00202	.03724	11.705	.36539	6.1643
#3	-.00013	93.143	.00427	.00203	.03695	11.731	.36567	6.3909

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00529	.00065	323.54	.00357	.49060	8.5092	.00154	.02388
Stddev	.00039	.00017	1.92	.00018	.00154	.0432	.00018	.00637
%RSD	7.2824	25.560	.59216	4.9773	.31410	.50770	12.003	26.686

#1	.00554	.00073	322.88	.00356	.49038	8.5017	.00153	.02966
#2	.00549	.00076	322.05	.00376	.49224	8.4702	.00135	.02493
#3	.00484	.00046	325.70	.00340	.48918	8.5557	.00172	.01705

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6473	7.8396	-.00492	.04584	.00092	1.315	.38590	7.6893
Stddev	.0209	.0651	.00012	.00072	.00052	.004	.00336	.7870
%RSD	.78768	.83085	2.3590	1.5774	56.000	.3256	.87115	10.234

#1	2.6361	7.8720	-.00502	.04527	.00041	1.317	.38592	7.1210
#2	2.6714	7.8822	-.00494	.04666	.00092	1.318	.38925	7.3595
#3	2.6345	7.7647	-.00479	.04561	.00145	1.310	.38253	8.5875

Sample Name: K2235-01 Acquired: 4/4/2019 21:20:44 Type: Unk
 Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 001M-WILLETS Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	55.532
Stddev	2.493
%RSD	4.4893

#1	55.173
#2	53.237
#3	58.185

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3844.7	73893.	6891.3	101.00	5023.1
Stddev	8.1	182.	54.0	2.42	4.3
%RSD	.20952	.24668	.78293	2.3954	.08583

#1	3837.4	73881.	6854.3	102.05	5024.7
#2	3853.4	74081.	6866.4	98.237	5018.2
#3	3843.4	73717.	6953.2	102.72	5026.4

Sample Name: K2235-02 Acquired: 4/4/2019 21:25:11 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 002M-35TH-AV Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	-.00155	.01782	.00062	-.00215	.30492	.04973	.00006
Stddev	.00160	.00049	.00200	.00077	.00130	.00469	.00023	.00010
%RSD	4465.8	31.401	11.214	124.57	60.226	1.5390	.45558	180.39

#1	.00051	-.00208	.02006	.00002	-.00301	.30351	.04998	.00006
#2	-.00183	-.00113	.01718	.00035	-.00066	.30110	.04965	-.00005
#3	.00122	-.00144	.01622	.00150	-.00279	.31016	.04955	.00016

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00019	93.213	.00324	.00119	.01697	9.2799	.35213	5.1974
Stddev	.00007	1.336	.00055	.00022	.00049	.0173	.00269	.0895
%RSD	34.929	1.4331	17.013	18.352	2.8635	.18654	.76271	1.7218

#1	-.00027	91.671	.00276	.00097	.01753	9.2599	.34909	5.1789
#2	-.00014	94.010	.00384	.00118	.01664	9.2899	.35418	5.2947
#3	-.00017	93.960	.00313	.00141	.01676	9.2900	.35312	5.1186

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00658	.00017	327.57	.00209	.34290	8.4106	.00149	.02315
Stddev	.00050	.00026	3.33	.00047	.00241	.0365	.00015	.00398
%RSD	7.6494	151.37	1.0166	22.524	.70406	.43385	9.8431	17.173

#1	.00601	.00019	324.53	.00242	.34483	8.4516	.00164	.02472
#2	.00678	.00043	331.13	.00155	.34366	8.3985	.00135	.01863
#3	.00696	-.00010	327.05	.00230	.34019	8.3816	.00147	.02611

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2537	7.1791	-.00544	.01458	.00185	1.028	.38229	7.2889
Stddev	.0069	.0578	.00057	.00135	.00035	.005	.00506	.4512
%RSD	.30716	.80498	10.571	9.2680	18.770	.4667	1.3235	6.1901

#1	2.2600	7.1193	-.00607	.01578	.00173	1.027	.37648	7.7844
#2	2.2548	7.1835	-.00530	.01484	.00223	1.034	.38572	6.9016
#3	2.2463	7.2346	-.00495	.01312	.00157	1.024	.38468	7.1809

Sample Name: K2235-02 Acquired: 4/4/2019 21:25:11 Type: Unk
 Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 002M-35TH-AV Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	50.864
Stddev	5.557
%RSD	10.925

#1	51.573
#2	56.032
#3	44.986

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3848.3	73987.	6958.9	100.89	5039.1
Stddev	17.8	533.	77.8	.78	24.6
%RSD	.46354	.72099	1.1180	.76987	.48726

#1	3830.3	74565.	7048.5	101.77	5018.3
#2	3848.7	73513.	6919.8	100.57	5032.7
#3	3866.0	73884.	6908.4	100.32	5066.2

Sample Name: K2235-02DUP Acquired: 4/4/2019 21:29:43 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 002M-35TH-AV Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00280	-.00123	.01860	.00380	-.00233	.31542	.04975	.00002
Stddev	.00148	.00060	.00024	.00281	.00036	.00686	.00059	.00005
%RSD	53.056	48.870	1.3093	74.061	15.302	2.1742	1.1938	207.30

#1	.00337	-.00060	.01857	.00615	-.00239	.30762	.04907	.00007
#2	.00391	-.00129	.01886	.00455	-.00266	.31813	.05010	.00003
#3	.00111	-.00180	.01838	.00068	-.00195	.32050	.05009	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00019	92.577	.00358	.00124	.01685	9.2635	.35122	5.1123
Stddev	.00008	.575	.00011	.00002	.00042	.0291	.00156	.0167
%RSD	42.047	.62085	2.9559	1.6099	2.5118	.31404	.44413	.32603

#1	-.00023	92.771	.00370	.00123	.01697	9.2343	.35007	5.0933
#2	-.00010	93.029	.00351	.00127	.01720	9.2638	.35300	5.1194
#3	-.00024	91.930	.00353	.00124	.01638	9.2924	.35059	5.1242

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00670	.00008	328.99	.00227	.34331	8.4080	.00148	.02484
Stddev	.00033	.00020	2.15	.00013	.00102	.0853	.00005	.00440
%RSD	4.9693	242.62	.65382	5.5720	.29656	1.0145	3.6546	17.712

#1	.00633	-.00008	330.71	.00216	.34253	8.3418	.00152	.02321
#2	.00698	.00030	329.69	.00224	.34446	8.3780	.00142	.02150
#3	.00678	.00003	326.58	.00241	.34294	8.5043	.00151	.02983

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2447	7.1339	-.00563	.01385	.00053	1.025	.38038	6.8376
Stddev	.0045	.0714	.00039	.00099	.00077	.003	.00195	.5895
%RSD	.20176	1.0005	6.9028	7.1152	146.79	.2814	.51340	8.6220

#1	2.2413	7.1793	-.00555	.01385	.00079	1.022	.38108	7.0876
#2	2.2499	7.1708	-.00529	.01483	.00114	1.028	.38189	6.1643
#3	2.2430	7.0517	-.00606	.01286	-.00034	1.026	.37817	7.2610

Sample Name: K2235-02DUP Acquired: 4/4/2019 21:29:43 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 002M-35TH-AV Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	57.857
Stddev	3.215
%RSD	5.5572

#1	54.789
#2	57.581
#3	61.201

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3861.7	74310.	7018.2	101.08	5053.3
Stddev	5.1	242.	81.9	3.20	7.6
%RSD	.13151	.32629	1.1666	3.1673	.15075

#1	3866.9	74302.	6964.0	97.579	5058.4
#2	3861.5	74071.	6978.2	101.82	5056.9
#3	3856.7	74555.	7112.4	103.86	5044.5

Sample Name: K2235-02LX5 Acquired: 4/4/2019 21:34:13 Type: Unk
Method: P4-ICP2(v3020) 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	-.00040	-.00207	.00295	-.00020	.00033	.06877	.01138	.00005
Stddev	.00054	.00094	.00072	.00027	.00011	.00729	.00076	.00003
%RSD	136.70	45.339	24.460	134.51	32.900	10.601	6.6696	60.758

#1	-.00092	-.00315	.00334	-.00019	.00024	.07559	.01214	.00004
#2	-.00044	-.00154	.00212	.00006	.00029	.06964	.01062	.00003
#3	.00017	-.00151	.00339	-.00048	.00045	.06109	.01138	.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	19.859	.00067	.00035	.00334	1.9879	.07606	1.0888
Stddev	.00006	.034	.00032	.00031	.00004	.0040	.00020	.0147
%RSD	115.12	.17247	47.288	88.743	1.1968	.20046	.26812	1.3490

#1	.00002	19.842	.00082	.00014	.00335	1.9895	.07629	1.0937
#2	-.00008	19.837	.00087	.00021	.00336	1.9908	.07602	1.1004
#3	-.00009	19.899	.00030	.00071	.00329	1.9834	.07589	1.0722

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00122	.00069	65.754	.00084	.06614	1.6875	.00033	-.01075
Stddev	.00009	.00025	.543	.00009	.00017	.0087	.00020	.00765
%RSD	7.5325	36.713	.82637	11.080	.24991	.51800	61.003	71.166

#1	.00115	.00067	65.150	.00085	.06630	1.6976	.00010	-.01891
#2	.00132	.00044	65.908	.00074	.06597	1.6833	.00041	-.00961
#3	.00118	.00094	66.204	.00092	.06614	1.6817	.00048	-.00373

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.43510	1.5368	-.00539	.00480	.00102	.1986	.08177	4.7946
Stddev	.00105	.0114	.00132	.00169	.00062	.0012	.00014	.2019
%RSD	.24091	.73860	24.447	35.185	60.592	.6007	.17657	4.2113

#1	.43545	1.5465	-.00532	.00659	.00032	.1985	.08178	4.8744
#2	.43593	1.5396	-.00411	.00323	.00127	.1998	.08192	4.9445
#3	.43392	1.5243	-.00674	.00459	.00148	.1974	.08163	4.5650

Sample Name: K2235-02LX5 Acquired: 4/4/2019 21:34:13 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	8.7824
Stddev	2.0525
%RSD	23.371

#1	10.912
#2	6.8167
#3	8.6186

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3962.9	75005.	6872.3	101.99	5444.0
Stddev	8.0	42.	13.4	1.89	13.5
%RSD	.20148	.05555	.19506	1.8553	.24828

#1	3953.6	74995.	6869.0	102.59	5428.4
#2	3967.2	74968.	6860.9	103.50	5452.1
#3	3967.8	75050.	6887.1	99.865	5451.5

Sample Name: CCV10 Acquired: 4/4/2019 21:38:37 Type: Unk
Method: P4-ICP2(v3020) 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	5.0497	5.0125	5.0552	5.1360	5.0924	9.9469	9.9686	.25098
Stddev	.0102	.0059	.0099	.0023	.0064	.0518	.0396	.00024
%RSD	.20273	.11799	.19511	.04478	.12524	.52047	.39710	.09646
#1	5.0385	5.0072	5.0439	5.1358	5.0994	9.9139	9.9419	.25090
#2	5.0585	5.0189	5.0613	5.1337	5.0870	10.007	9.9499	.25125
#3	5.0522	5.0113	5.0606	5.1383	5.0907	9.9202	10.014	.25079
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5614	25.831	1.0040	2.5267	1.2580	5.0000	2.4809	25.032
Stddev	.0035	.154	.0026	.0025	.0016	.0049	.0118	.185
%RSD	.13512	.59797	.26293	.09974	.12853	.09749	.47567	.73854
#1	2.5575	25.683	1.0054	2.5238	1.2569	4.9945	2.4861	24.895
#2	2.5643	25.819	1.0010	2.5277	1.2571	5.0039	2.4674	25.242
#3	2.5623	25.992	1.0056	2.5285	1.2598	5.0015	2.4892	24.958
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5127	1.2513	24.582	2.5082	2.5363	24.248	5.0724	4.9173
Stddev	.0062	.0020	.082	.0037	.0011	.069	.0058	.0017
%RSD	.24837	.16130	.33259	.14910	.04481	.28619	.11423	.03407
#1	2.5059	1.2522	24.585	2.5062	2.5352	24.193	5.0657	4.9170
#2	2.5182	1.2490	24.499	2.5125	2.5364	24.226	5.0761	4.9157
#3	2.5142	1.2527	24.662	2.5059	2.5374	24.326	5.0754	4.9191
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0033	5.1201	5.0344	5.1059	4.8734	5.037	5.0651	F 5.6885
Stddev	.0142	.0408	.0147	.0286	.0380	.004	.0685	.2318
%RSD	.28307	.79598	.29171	.55971	.77923	.0885	1.3522	4.0756
#1	4.9882	5.1228	5.0206	5.0747	4.8550	5.033	5.0634	5.7197
#2	5.0162	5.0781	5.0498	5.1307	4.8481	5.041	4.9975	5.9032
#3	5.0056	5.1595	5.0328	5.1124	4.9171	5.036	5.1344	5.4427

Sample Name: CCV10 Acquired: 4/4/2019 21:38:37 Type: Unk
 Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 18.042
 Stddev 2.925
 %RSD 16.212

#1 21.117
 #2 17.714
 #3 15.295

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3967.8	75231.	6930.3	100.81	5262.1
Stddev	2.2	442.	74.2	.92	6.0
%RSD	.05438	.58775	1.0702	.91251	.11450

#1	3967.5	74975.	6917.6	100.43	5261.7
#2	3965.8	75742.	7010.0	101.86	5256.3
#3	3970.1	74977.	6863.3	100.15	5268.4

Sample Name: CCB10 Acquired: 4/4/2019 21:42:41 Type: Unk
Method: P4-ICP2(v3020) 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	-.00179	.00014	.00085	.00041	.00230	.00173	-.00006
Stddev	.00131	.00161	.00052	.00269	.00019	.00343	.00024	.00007
%RSD	141.09	89.795	380.23	316.02	45.959	149.08	14.107	117.81
#1	-.00177	-.00078	.00073	-.00128	.00052	-.00022	.00194	-.00014
#2	-.00160	-.00095	-.00008	.00387	.00019	.00621	.00179	-.00001
#3	.00058	-.00365	-.00025	-.00004	.00051	.00092	.00147	-.00003
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	-.00411	.00036	.00003	-.00080	.00552	-.00010	-.00590
Stddev	.00008	.01482	.00033	.00014	.00038	.00068	.00005	.04068
%RSD	96.028	360.59	90.055	476.90	48.082	12.285	48.119	689.17
#1	.00015	.01260	.00064	-.00004	-.00098	.00482	-.00016	.02381
#2	.00010	-.01565	.00045	.00019	-.00105	.00558	-.00008	.01074
#3	-.00000	-.00928	.00000	-.00007	-.00036	.00617	-.00007	-.05226
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00027	.00123	-.19876	.00085	.00000	-.05833	.00028	-.00146
Stddev	.00017	.00041	.01058	.00016	.00008	.03984	.00031	.00927
%RSD	62.059	33.706	5.3225	18.252	1706.7	68.306	110.95	632.48
#1	-.00012	.00076	-.20911	.00083	.00009	-.07076	.00057	-.00050
#2	-.00024	.00139	-.18796	.00071	-.00000	-.01376	.00029	-.01117
#3	-.00045	.00154	-.19922	.00101	-.00007	-.09049	-.00004	.00728
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00205	.00265	-.00294	-.00012	-.00435	-.0000	.00020	F 2.3363
Stddev	.00349	.00042	.00009	.00053	.00048	.0017	.00006	.1798
%RSD	170.28	15.668	2.9817	452.74	10.961	11660.	31.544	7.6969
#1	.00198	.00286	-.00302	-.00014	-.00437	-.0008	.00023	2.2055
#2	-.00390	.00218	-.00295	-.00064	-.00482	.0019	.00013	2.2621
#3	-.00422	.00293	-.00284	.00043	-.00387	-.0012	.00025	2.5413

Sample Name: CCB10 Acquired: 4/4/2019 21:42:41 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 13.293
Stddev 3.949
%RSD 29.705

#1 13.553
#2 9.2211
#3 17.106

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4112.7	77348.	6921.0	102.09	5863.9
Stddev	11.1	78.	11.5	.34	11.0
%RSD	.26969	.10062	.16673	.33321	.18838

#1	4099.9	77435.	6916.3	101.83	5851.4
#2	4119.4	77284.	6934.2	101.96	5868.2
#3	4118.9	77324.	6912.6	102.48	5872.2

Sample Name: K2235-02MS Acquired: 4/4/2019 21:47:11 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 002M-35TH-AV Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.80470	1.9307	1.0217	2.0827	.81438	2.3563	.25279	.20756	.20631
Stddev	.00727	.0037	.0056	.0109	.00313	.0260	.00347	.00047	.00073
%RSD	.90362	.18953	.54391	.52177	.38432	1.1018	1.3745	.22829	.35156

#1	.81310	1.9333	1.0282	2.0929	.81475	2.3299	.24920	.20737	.20713
#2	.80045	1.9323	1.0185	2.0839	.81109	2.3572	.25303	.20810	.20604
#3	.80055	1.9265	1.0186	2.0713	.81731	2.3818	.25613	.20722	.20575

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	93.764	.40572	.20718	.32444	12.066	.54268	7.1164	.51486	.07265
Stddev	1.144	.00093	.00025	.00162	.020	.00138	.0375	.00199	.00020
%RSD	1.2200	.22913	.12216	.50057	.16607	.25339	.52745	.38563	.27420

#1	94.400	.40533	.20746	.32601	12.072	.54119	7.0763	.51708	.07270
#2	94.449	.40678	.20711	.32277	12.082	.54295	7.1222	.51327	.07243
#3	92.444	.40505	.20696	.32456	12.043	.54390	7.1507	.51421	.07282

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	327.38	.31119	.59767	18.088	.41186	.34608	2.2182	8.0621	.70822
Stddev	.61	.00055	.00200	.138	.00150	.00764	.0053	.1168	.00272
%RSD	.18682	.17699	.33501	.76059	.36479	2.2083	.23983	1.4490	.38421

#1	327.64	.31181	.59997	17.950	.41356	.34437	2.2128	8.1752	.71132
#2	327.82	.31099	.59665	18.225	.41073	.33944	2.2235	8.0694	.70622
#3	326.68	.31076	.59637	18.091	.41128	.35444	2.2182	7.9419	.70712

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22207	.19450	7.216	.57347	5.6257	43.192
Stddev	.00261	.00159	.033	.00617	.4702	6.430
%RSD	1.1760	.81778	.4498	1.0753	8.3575	14.886

#1	.22375	.19461	7.252	.57577	5.6288	46.173
#2	.22340	.19286	7.206	.57817	6.0943	47.591
#3	.21906	.19603	7.189	.56649	5.1540	35.813

Sample Name: K2235-02MS Acquired: 4/4/2019 21:47:11 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 002M-35TH-AV 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	3950.4	75254.	6983.7	99.947	5151.8
Stddev	10.2	239.	108.7	3.004	19.0
%RSD	.25852	.31718	1.5560	3.0053	.36807
#1	3940.4	75434.	6894.1	98.006	5132.2
#2	3950.0	74983.	6952.4	98.427	5153.1
#3	3960.8	75345.	7104.6	103.41	5170.0

Sample Name: K2235-02MSD Acquired: 4/4/2019 21:51:22 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 002M-35TH-AV Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.81360	1.9458	1.0385	2.1159	.82965	2.4229	.25791	.21014	.20922
Stddev	.00349	.0058	.0023	.0024	.00359	.0297	.00134	.00070	.00042
%RSD	.42913	.29773	.21821	.11408	.43258	1.2258	.51770	.33113	.19992

#1	.81466	1.9474	1.0411	2.1163	.83378	2.4536	.25936	.21050	.20970
#2	.81644	1.9507	1.0371	2.1181	.82728	2.3944	.25673	.20934	.20903
#3	.80971	1.9394	1.0373	2.1133	.82790	2.4206	.25764	.21058	.20893

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	93.912	.40929	.21006	.32947	12.200	.54905	7.2061	.52138	.07359
Stddev	.864	.00047	.00085	.00210	.002	.00126	.0987	.00180	.00013
%RSD	.91959	.11544	.40334	.63691	.01397	.22976	1.3692	.34565	.17585

#1	92.927	.40981	.21058	.33175	12.198	.54813	7.3127	.52318	.07348
#2	94.538	.40888	.20908	.32762	12.201	.54852	7.1180	.51958	.07356
#3	94.272	.40918	.21052	.32902	12.200	.55049	7.1878	.52139	.07373

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	329.15	.31545	.60823	18.524	.41709	.33231	2.2409	8.0642	.71834
Stddev	1.33	.00026	.00041	.066	.00219	.01791	.0171	.0426	.00318
%RSD	.40381	.08208	.06722	.35428	.52459	5.3906	.76280	.52785	.44294

#1	329.72	.31532	.60829	18.449	.41951	.31165	2.2425	8.0191	.72014
#2	330.11	.31575	.60861	18.557	.41526	.34351	2.2572	8.1037	.72020
#3	327.64	.31529	.60780	18.567	.41650	.34176	2.2231	8.0697	.71466

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22244	.19631	7.280	.57819	6.3442	39.680
Stddev	.00060	.00046	.034	.00587	.1063	6.490
%RSD	.26832	.23341	.4722	1.0156	1.6752	16.356

#1	.22278	.19663	7.279	.57150	6.4666	39.848
#2	.22279	.19578	7.314	.58252	6.2752	46.085
#3	.22175	.19650	7.246	.58054	6.2908	33.108

Sample Name: K2235-02MSD Acquired: 4/4/2019 21:51:22 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 002M-35TH-AV 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	3883.9	74139.	6976.0	101.39	5065.8
Stddev	12.0	90.	41.0	.63	6.1
%RSD	.30870	.12100	.58714	.62370	.12122
#1	3870.6	74177.	7023.3	102.08	5059.4
#2	3893.9	74203.	6951.9	100.83	5071.7
#3	3887.3	74036.	6952.8	101.26	5066.2

Sample Name: K2235-02A Acquired: 4/4/2019 21:55:35 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.80703	1.9325	1.0287	2.1028	.82158	2.4174	.25734	.20802	.20724
Stddev	.00557	.0160	.0050	.0154	.00469	.0161	.00112	.00025	.00074
%RSD	.69005	.82881	.48296	.73371	.57043	.66714	.43691	.12166	.35908
#1	.80656	1.9179	1.0231	2.0961	.81691	2.4110	.25683	.20773	.20644
#2	.81282	1.9496	1.0326	2.1204	.82629	2.4055	.25657	.20812	.20790
#3	.80171	1.9298	1.0305	2.0918	.82155	2.4358	.25863	.20821	.20738
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	93.228	.40652	.20847	.32501	12.096	.54414	7.1671	.51554	.07277
Stddev	.408	.00046	.00065	.00066	.014	.00197	.0901	.00101	.00012
%RSD	.43775	.11394	.31151	.20375	.11601	.36241	1.2575	.19638	.16810
#1	92.967	.40600	.20795	.32437	12.093	.54610	7.1523	.51437	.07287
#2	93.698	.40663	.20920	.32498	12.112	.54416	7.2636	.51608	.07264
#3	93.019	.40691	.20826	.32569	12.084	.54215	7.0852	.51616	.07281
Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	326.55	.31340	.60855	18.336	.41374	.33304	2.2215	7.9918	.71225
Stddev	.99	.00065	.00128	.072	.00146	.01157	.0170	.0474	.00177
%RSD	.30239	.20621	.20998	.39066	.35259	3.4729	.76431	.59264	.24849
#1	327.43	.31317	.60716	18.254	.41272	.32566	2.2092	8.0342	.71035
#2	326.74	.31413	.60968	18.389	.41541	.32708	2.2409	8.0005	.71386
#3	325.48	.31291	.60880	18.365	.41309	.34637	2.2144	7.9407	.71253
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.22381	.19579	7.223	.57354	5.8595	44.788			
Stddev	.00194	.00308	.062	.00304	.2493	4.638			
%RSD	.86480	1.5740	.8601	.53036	4.2553	10.354			
#1	.22373	.19491	7.179	.57191	5.5832	41.705			
#2	.22579	.19323	7.294	.57705	6.0678	50.121			
#3	.22192	.19921	7.195	.57166	5.9274	42.538			

Sample Name: K2235-02A Acquired: 4/4/2019 21:55:35 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3886.6	74765.	7048.7	100.73	5068.2
Stddev	4.0	294.	46.7	2.90	10.5
%RSD	.10301	.39259	.66201	2.8780	.20729
#1	3891.0	74505.	7003.6	97.449	5078.9
#2	3885.6	74705.	7045.8	101.77	5068.0
#3	3883.1	75083.	7096.8	102.96	5057.9

Sample Name: K2242-05 Acquired: 4/4/2019 21:59:46 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TWP-02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02124	-.00291	.17669	.02585	.00331	102.73	2.1839	.00976
Stddev	.00137	.00227	.00195	.00234	.00100	.54	.0184	.00011
%RSD	6.4475	78.014	1.1035	9.0615	30.139	.52376	.84048	1.1030
#1	.02279	-.00546	.17840	.02423	.00400	102.13	2.1628	.00967
#2	.02017	-.00220	.17457	.02480	.00376	103.17	2.1966	.00988
#3	.02077	-.00109	.17711	.02854	.00217	102.89	2.1922	.00974
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00401	87.500	.36655	.14341	.48619	154.22	11.014	45.795
Stddev	.00012	.535	.00150	.00024	.00061	.81	.069	.222
%RSD	2.9602	.61200	.40811	.16588	.12622	.52205	.62292	.48554
#1	.00414	87.789	.36678	.14319	.48618	155.07	11.060	45.539
#2	.00391	87.828	.36792	.14338	.48558	154.11	11.047	45.909
#3	.00398	86.882	.36495	.14367	.48681	153.47	10.935	45.938
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22513	-.00819	146.97	.18745	.70808	12.207	.00649	.04252
Stddev	.00046	.00026	.57	.00070	.00080	.058	.00030	.00831
%RSD	.20458	3.1349	.38644	.37363	.11303	.47775	4.6666	19.543
#1	.22461	-.00793	147.62	.18758	.70791	12.145	.00678	.04984
#2	.22528	-.00820	146.71	.18808	.70895	12.260	.00618	.04422
#3	.22549	-.00844	146.58	.18669	.70738	12.216	.00650	.03349
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 20.386	F 97.209	-.00690	.42427	.09600	7.493	.08360	<.00000
Stddev	.084	1.129	.00054	.00374	.00059	.029	.00148	1.7022
%RSD	.41028	1.1618	7.8324	.88107	.61290	.3903	1.7705	14.277
#1	20.424	98.157	-.00742	.42000	.09668	7.520	.08364	-11.452
#2	20.443	97.509	-.00634	.42587	.09572	7.498	.08505	-13.810
#3	20.290	95.959	-.00693	.42694	.09561	7.462	.08209	-10.505

Sample Name: K2242-05 Acquired: 4/4/2019 21:59:46 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TWP-02 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	8.3922
Stddev	4.1731
%RSD	49.726

#1	3.5792
#2	11.001
#3	10.597

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4749.6	91118.	8699.6	100.33	4989.4
Stddev	2.3	213.	125.8	2.70	7.4
%RSD	.04762	.23357	1.4462	2.6902	.14791

#1	4748.6	91043.	8579.0	98.105	4989.4
#2	4752.2	90952.	8689.6	99.551	4982.0
#3	4748.0	91358.	8830.1	103.33	4996.8

Sample Name: K2256-11 Acquired: 4/4/2019 22:04:33 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CLEARWELL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00098	-.00184	.00229	.00236	-.00192	.64798	.03217	.00000
Stddev	.00100	.00080	.00040	.00157	.00030	.00220	.00031	.00008
%RSD	102.54	43.657	17.307	66.481	15.609	.33877	.95006	67675.
#1	.00186	-.00200	.00185	.00134	-.00173	.64594	.03205	.00003
#2	-.00011	-.00097	.00237	.00158	-.00177	.65030	.03251	.00006
#3	.00118	-.00256	.00263	.00417	-.00226	.64770	.03194	-.00009
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	17.409	.01975	.01982	.03754	.13291	.00451	3.0416
Stddev	.00007	.307	.00031	.00054	.00028	.00093	.00009	.0284
%RSD	90.125	1.7633	1.5708	2.7366	.74921	.69599	2.0247	.93200
#1	.00002	17.055	.02008	.01990	.03787	.13345	.00446	3.0206
#2	.00005	17.577	.01968	.02031	.03736	.13344	.00462	3.0739
#3	.00015	17.595	.01947	.01924	.03740	.13185	.00446	3.0304
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00727	.00344	114.72	.00158	.12254	418.42	.00170	.03397
Stddev	.00026	.00032	.64	.00033	.00029	1.55	.00009	.00975
%RSD	3.5304	9.3587	.55562	21.105	.23589	.37013	5.0363	28.684
#1	.00734	.00329	114.55	.00131	.12239	417.38	.00180	.02669
#2	.00699	.00382	115.42	.00195	.12287	420.20	.00165	.04504
#3	.00749	.00323	114.18	.00149	.12235	417.67	.00165	.03019
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 133.03	3.3497	-.05482	.02537	-.01325	.6800	.05574	3.2656
Stddev	.65	.0582	.00074	.00097	.00010	.0025	.00101	.8492
%RSD	.49115	1.7368	1.3484	3.8077	.78434	.3660	1.8048	26.004
#1	132.89	3.2951	-.05489	.02435	-.01336	.6786	.05461	4.0197
#2	133.75	3.4109	-.05551	.02549	-.01315	.6829	.05609	2.3458
#3	132.46	3.3432	-.05404	.02627	-.01324	.6786	.05653	3.4314

Sample Name: K2256-11 Acquired: 4/4/2019 22:04:33 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CLEARWELL Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	6.8129
Stddev	5.5661
%RSD	81.700

#1	4.9173
#2	13.079
#3	2.4422

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3978.0	76225.	7338.5	105.26	5200.7
Stddev	5.0	397.	102.9	3.09	11.8
%RSD	.12540	.52134	1.4022	2.9367	.22635

#1	3972.5	76342.	7456.5	108.70	5190.7
#2	3979.2	75783.	7267.4	104.34	5197.9
#3	3982.3	76551.	7291.5	102.73	5213.7

Sample Name: K2193-02 Acquired: 4/4/2019 22:08:57 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HR-06-040319 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00162	-.00410	.00814	.00371	-.00123	.16815	.11559	.00005
Stddev	.00233	.00088	.00015	.00240	.00193	.01462	.00027	.00003
%RSD	144.31	21.323	1.8972	64.638	156.39	8.6918	.23666	50.946

#1	.00078	-.00444	.00831	.00572	.00016	.18148	.11529	.00006
#2	-.00176	-.00476	.00808	.00435	-.00043	.15252	.11567	.00007
#3	-.00387	-.00311	.00802	.00105	-.00343	.17046	.11582	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00026	35.516	.00077	.00372	.00568	.10255	.84773	1.1916
Stddev	.00006	.074	.00013	.00013	.00041	.00151	.00183	.0156
%RSD	24.648	.20741	17.305	3.5310	7.2751	1.4688	.21645	1.3083

#1	.00033	35.600	.00077	.00370	.00591	.10115	.84585	1.2096
#2	.00025	35.461	.00063	.00360	.00592	.10235	.84781	1.1827
#3	.00020	35.488	.00090	.00386	.00520	.10414	.84952	1.1825

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00314	.00049	341.54	-.00040	.03067	1.3963	-.00034	-.00619
Stddev	.00040	.00005	4.17	.00025	.00017	.0838	.00020	.00434
%RSD	12.619	10.321	1.2216	61.638	.56418	5.9982	57.052	70.174

#1	.00314	.00052	336.73	-.00053	.03077	1.4857	-.00034	-.00912
#2	.00275	.00043	343.72	-.00012	.03078	1.3834	-.00054	-.00825
#3	.00354	.00052	344.16	-.00056	.03047	1.3197	-.00015	-.00120

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.56048	2.1166	-.00462	.00038	-.00252	.0041	.14136	5.7711
Stddev	.01243	.0006	.00085	.00153	.00224	.0009	.00065	.5654
%RSD	2.2178	.02790	18.329	405.93	89.079	21.42	.46226	9.7965

#1	.57254	2.1165	-.00457	.00081	-.00484	.0033	.14212	6.3375
#2	.56119	2.1161	-.00549	-.00132	-.00235	.0050	.14099	5.7690
#3	.54771	2.1173	-.00380	.00164	-.00037	.0038	.14098	5.2068

Sample Name: K2193-02 Acquired: 4/4/2019 22:08:57 Type: Unk
 Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: HR-06-040319 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 15.023
 Stddev 3.895
 %RSD 25.927

#1 10.526
 #2 17.298
 #3 17.246

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3903.2	74508.	7092.2	102.14	5140.4
Stddev	19.0	97.	18.2	.80	23.2
%RSD	.48789	.12957	.25633	.78022	.45204

#1	3888.2	74619.	7083.7	102.43	5135.5
#2	3896.8	74461.	7079.9	101.23	5119.9
#3	3924.6	74445.	7113.1	102.74	5165.6

Sample Name: K2193-02DUP Acquired: 4/4/2019 22:13:32 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HR-06-040319 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00157	-.00392	.00871	.00494	.00028	.16995	.11736	.00003
Stddev	.00055	.00042	.00067	.00303	.00170	.00996	.00129	.00008
%RSD	35.378	10.617	7.6686	61.413	597.97	5.8617	1.0953	258.72

#1	-.00115	-.00371	.00805	.00699	-.00017	.17400	.11597	.00009
#2	-.00136	-.00364	.00939	.00145	-.00115	.17724	.11759	-.00006
#3	-.00220	-.00439	.00870	.00638	.00217	.15860	.11851	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00023	36.566	.00091	.00379	.00615	.10499	.86426	1.2144
Stddev	.00004	.128	.00021	.00018	.00015	.00123	.00602	.0361
%RSD	19.340	.34895	23.134	4.7673	2.4074	1.1755	.69605	2.9730

#1	.00026	36.431	.00094	.00369	.00624	.10588	.85751	1.1754
#2	.00018	36.581	.00110	.00368	.00623	.10550	.86625	1.2467
#3	.00025	36.685	.00068	.00400	.00598	.10358	.86904	1.2211

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00282	.00070	346.67	-.00068	.03061	.92643	.00001	.00308
Stddev	.00045	.00031	2.69	.00009	.00023	.02814	.00028	.00790
%RSD	16.026	44.161	.77736	12.635	.74881	3.0376	2034.4	256.37

#1	.00302	.00062	344.14	-.00070	.03037	.89683	.00014	-.00030
#2	.00230	.00105	346.38	-.00077	.03083	.95284	.00020	.01210
#3	.00313	.00044	349.50	-.00059	.03064	.92962	-.00031	-.00256

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.53163	2.1563	-.00475	.00124	-.00198	.0015	.14449	5.0873
Stddev	.00336	.0128	.00046	.00090	.00131	.0009	.00047	.7182
%RSD	.63118	.59156	9.7781	72.936	65.965	61.28	.32563	14.117

#1	.53035	2.1709	-.00511	.00020	-.00299	.0023	.14395	5.9164
#2	.53544	2.1480	-.00422	.00177	-.00246	.0005	.14475	4.6918
#3	.52911	2.1498	-.00492	.00175	-.00050	.0018	.14477	4.6539

Sample Name: K2193-02DUP Acquired: 4/4/2019 22:13:32 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HR-06-040319 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	16.320
Stddev	4.779
%RSD	29.286

#1	19.903
#2	18.164
#3	10.893

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3870.5	74638.	7048.5	102.81	5086.3
Stddev	14.1	15.	36.5	1.81	17.8
%RSD	.36301	.02040	.51756	1.7560	.34958

#1	3886.8	74637.	7006.9	101.28	5106.5
#2	3862.3	74653.	7063.7	102.33	5073.2
#3	3862.5	74623.	7074.9	104.80	5079.2

Sample Name: K2193-02LX5 Acquired: 4/4/2019 22:18:07 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00086	-.00224	.00152	-.00007	.00076	.04682	.02439	-.00004
Stddev	.00049	.00110	.00040	.00063	.00053	.00488	.00042	.00003
%RSD	57.532	48.803	26.605	897.76	70.001	10.417	1.7367	91.415

#1	-.00031	-.00257	.00113	-.00002	.00018	.04177	.02422	-.00001
#2	-.00127	-.00102	.00148	.00053	.00089	.05151	.02487	-.00008
#3	-.00099	-.00314	.00193	-.00072	.00122	.04719	.02408	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	7.5175	.00041	.00091	.00104	.02457	.17808	.24291
Stddev	.00004	.0271	.00027	.00018	.00023	.00091	.00051	.01100
%RSD	104.00	.36028	65.103	19.917	21.839	3.7092	.28408	4.5288

#1	.00008	7.5485	.00023	.00101	.00119	.02358	.17751	.23060
#2	-.00000	7.5058	.00071	.00101	.00115	.02476	.17825	.25176
#3	.00004	7.4982	.00028	.00070	.00078	.02537	.17848	.24639

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	.00041	69.643	.00008	.00590	.26411	-.00027	-.01769
Stddev	.00024	.00019	.247	.00058	.00017	.02544	.00007	.01461
%RSD	207.04	46.335	.35483	711.98	2.8035	9.6338	27.802	82.603

#1	.00007	.00062	69.385	-.00057	.00588	.23810	-.00026	-.03447
#2	-.00038	.00028	69.878	.00053	.00607	.26531	-.00019	-.01082
#3	-.00004	.00031	69.666	.00029	.00574	.28894	-.00034	-.00778

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10363	.45806	-.00554	.00070	-.00264	.0010	.02972	4.5263
Stddev	.00354	.00449	.00026	.00060	.00101	.0006	.00016	.5686
%RSD	3.4145	.98005	4.7497	85.722	38.509	60.91	.54340	12.561

#1	.10176	.45818	-.00540	.00039	-.00336	.0009	.02990	5.1797
#2	.10772	.45351	-.00538	.00032	-.00148	.0004	.02963	4.1443
#3	.10143	.46248	-.00584	.00139	-.00307	.0016	.02962	4.2549

Sample Name: K2193-02LX5 Acquired: 4/4/2019 22:18:07 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 3.2354
Stddev 3.9744
%RSD 122.84

#1 7.8246
#2 .96375
#3 .91783

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3976.6	75796.	6913.0	100.45	5443.0
Stddev	1.8	90.	51.4	1.03	2.0
%RSD	.04505	.11923	.74377	1.0260	.03591

#1	3978.2	75767.	6866.7	101.00	5441.4
#2	3974.7	75724.	6968.3	101.08	5442.5
#3	3976.9	75898.	6904.1	99.256	5445.2

Sample Name: K2193-02MS Acquired: 4/4/2019 22:22:34 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HR-06-040319 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.77757	1.8685	.97418	2.0456	.79519	2.1609	.31336	.19483	.20226
Stddev	.00257	.0096	.00721	.0150	.00579	.0298	.00319	.00049	.00105
%RSD	.33022	.51160	.73964	.73296	.72785	1.3804	1.0174	.25001	.51874

#1	.77548	1.8598	.96640	2.0332	.78956	2.1364	.31049	.19457	.20122
#2	.77679	1.8668	.97553	2.0414	.79487	2.1521	.31280	.19539	.20223
#3	.78043	1.8787	.98062	2.0623	.80113	2.1941	.31679	.19453	.20332

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	35.217	.40260	.20630	.30267	3.0508	1.0008	3.0850	.50393	.06998
Stddev	.026	.00067	.00142	.00128	.0075	.0037	.0277	.00261	.00099
%RSD	.07426	.16691	.68740	.42371	.24607	.37080	.89704	.51803	1.4134

#1	35.187	.40212	.20478	.30153	3.0478	.99741	3.0543	.50127	.07004
#2	35.236	.40231	.20653	.30241	3.0453	1.0002	3.1079	.50404	.06896
#3	35.228	.40337	.20759	.30405	3.0594	1.0048	3.0930	.50649	.07094

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	327.39	.30639	.23102	10.620	.41172	.29249	.46455	2.8777	.70539
Stddev	4.17	.00086	.00136	.083	.00235	.00881	.00104	.0301	.00343
%RSD	1.2731	.28019	.58856	.78454	.56974	3.0131	.22380	1.0461	.48660

#1	322.60	.30632	.22963	10.524	.40976	.28592	.46570	2.9122	.70210
#2	330.17	.30728	.23109	10.663	.41109	.30251	.46428	2.8638	.70512
#3	329.40	.30556	.23235	10.673	.41432	.28905	.46368	2.8570	.70895

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20519	.18716	5.914	.32663	7.3559	7.1612
Stddev	.00121	.00126	.043	.00319	.3918	2.9296
%RSD	.58817	.67268	.7322	.97785	5.3260	40.909

#1	.20656	.18682	5.883	.32968	7.4898	9.5329
#2	.20469	.18855	5.897	.32690	7.6632	3.8864
#3	.20431	.18611	5.964	.32331	6.9148	8.0644

Sample Name: K2193-02MS Acquired: 4/4/2019 22:22:34 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HR-06-040319 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	3800.4	72556.	6822.4	97.678	5004.1
Stddev	4.6	108.	73.7	.963	3.3
%RSD	.11974	.14945	1.0796	.98640	.06630
#1	3796.8	72638.	6749.8	97.061	5002.2
#2	3805.5	72598.	6820.4	97.183	5007.9
#3	3798.8	72433.	6897.1	98.788	5002.2

Sample Name: K2193-02MSD Acquired: 4/4/2019 22:26:49 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HR-06-040319 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.76896	1.8414	.96167	2.0157	.78282	2.1326	.31007	.19369	.19954
Stddev	.00600	.0084	.00302	.0061	.00107	.0373	.00285	.00036	.00075
%RSD	.77972	.45488	.31413	.30221	.13661	1.7484	.91973	.18831	.37373
#1	.77501	1.8454	.96511	2.0173	.78405	2.0896	.31023	.19406	.20033
#2	.76884	1.8471	.96040	2.0207	.78237	2.1520	.30714	.19368	.19945
#3	.76302	1.8318	.95948	2.0089	.78206	2.1561	.31284	.19333	.19884
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	35.082	.40201	.20413	.29956	3.0399	.99920	3.0903	.49815	.06870
Stddev	.213	.00149	.00055	.00099	.0021	.00355	.0463	.00084	.00025
%RSD	.60832	.37009	.26916	.33144	.06833	.35498	1.4981	.16850	.35735
#1	35.192	.40343	.20474	.30052	3.0376	1.0031	3.0375	.49908	.06898
#2	34.836	.40213	.20398	.29962	3.0402	.99625	3.1095	.49744	.06857
#3	35.219	.40046	.20367	.29854	3.0418	.99822	3.1240	.49793	.06854
Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	319.68	.30492	.22812	10.497	.40695	.28872	.46039	2.8828	.69834
Stddev	4.25	.00038	.00044	.084	.00179	.00089	.00127	.0509	.00147
%RSD	1.3281	.12497	.19386	.79672	.43989	.30702	.27512	1.7654	.21024
#1	323.62	.30448	.22849	10.404	.40853	.28780	.45949	2.9412	.69682
#2	315.19	.30509	.22823	10.523	.40731	.28880	.46184	2.8477	.69845
#3	320.24	.30519	.22763	10.565	.40501	.28956	.45983	2.8596	.69975
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.20634	.18847	5.838	.32766	6.3419	10.034			
Stddev	.00057	.00052	.028	.00282	.9266	2.007			
%RSD	.27588	.27575	.4729	.86122	14.611	19.999			
#1	.20655	.18829	5.865	.33079	5.3314	8.5044			
#2	.20569	.18806	5.838	.32532	7.1517	12.306			
#3	.20677	.18905	5.810	.32686	6.5426	9.2912			

Sample Name: K2193-02MSD Acquired: 4/4/2019 22:26:49 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HR-06-040319 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	3828.5	72783.	6809.2	98.978	5041.9
Stddev	11.4	157.	56.6	1.165	13.2
%RSD	.29725	.21514	.83069	1.1770	.26240
#1	3818.7	72604.	6744.0	97.633	5031.6
#2	3825.7	72852.	6845.6	99.686	5037.2
#3	3841.0	72894.	6837.8	99.614	5056.8

Sample Name: CCV11 Acquired: 4/4/2019 22:31:03 Type: Unk
 Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV14812 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1833	5.1924	5.2097	5.2940	5.2560	10.199	10.222	.25916
Stddev	.0090	.0077	.0073	.0199	.0191	.071	.030	.00056
%RSD	.17431	.14898	.14046	.37608	.36421	.69901	.29518	.21506
#1	5.1848	5.1988	5.2175	5.2711	5.2353	10.226	10.255	.25944
#2	5.1736	5.1838	5.2029	5.3070	5.2595	10.118	10.197	.25851
#3	5.1915	5.1945	5.2086	5.3040	5.2731	10.253	10.213	.25951
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6509	26.851	1.0430	2.6116	1.2894	5.1677	2.5635	25.639
Stddev	.0027	.075	.0022	.0002	.0022	.0043	.0116	.237
%RSD	.10041	.27773	.21098	.00855	.17109	.08359	.45396	.92599
#1	2.6517	26.778	1.0415	2.6117	1.2869	5.1634	2.5735	25.745
#2	2.6479	26.927	1.0420	2.6113	1.2902	5.1679	2.5508	25.367
#3	2.6530	26.849	1.0456	2.6117	1.2911	5.1720	2.5663	25.804
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5924	1.2915	25.040	2.5961	2.6121	25.035	5.2362	5.0213
Stddev	.0032	.0029	.081	.0024	.0017	.071	.0127	.0354
%RSD	.12329	.22167	.32286	.09313	.06658	.28313	.24321	.70509
#1	2.5942	1.2948	25.121	2.5956	2.6138	25.109	5.2247	5.0452
#2	2.5888	1.2898	24.959	2.5940	2.6103	25.027	5.2341	4.9806
#3	2.5944	1.2899	25.041	2.5988	2.6122	24.968	5.2499	5.0381
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1815	5.3069	5.2131	5.2780	5.0498	5.200	5.2664	F 6.5145
Stddev	.0021	.0146	.0061	.0145	.0338	.017	.0278	.5614
%RSD	.04052	.27520	.11734	.27423	.66853	.3264	.52815	8.6182
#1	5.1824	5.2935	5.2064	5.2619	5.0407	5.187	5.2661	5.9109
#2	5.1830	5.3225	5.2184	5.2823	5.0871	5.219	5.2944	7.0211
#3	5.1791	5.3048	5.2144	5.2899	5.0215	5.194	5.2388	6.6115

Sample Name: CCV11 Acquired: 4/4/2019 22:31:03 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14812 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 19.903
Stddev	7.383
%RSD	37.094

#1	28.406
#2	15.111
#3	16.193

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3924.9	74598.	6814.7	96.792	5199.2
Stddev	11.6	258.	40.4	2.077	6.6
%RSD	.29628	.34529	.59225	2.1456	.12704

#1	3933.4	74313.	6823.5	97.780	5196.0
#2	3929.7	74813.	6770.7	94.406	5206.8
#3	3911.7	74669.	6849.9	98.191	5194.8

Sample Name: CCB11 Acquired: 4/4/2019 22:35:10 Type: Unk
 Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14812 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	-.00100	.00078	.00023	.00124	-.00627	.00145	-.00001
Stddev	.00116	.00103	.00124	.00354	.00057	.00443	.00013	.00008
%RSD	806.58	102.84	159.26	1542.2	45.961	70.662	8.8312	753.50
#1	-.00137	-.00172	.00166	-.00334	.00173	-.00747	.00160	-.00011
#2	.00000	.00018	-.00064	.00374	.00061	-.00136	.00136	.00006
#3	.00093	-.00145	.00130	.00029	.00139	-.00998	.00139	.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	-.00695	.00034	.00012	-.00043	.00569	-.00002	-.00362
Stddev	.00007	.01500	.00047	.00026	.00058	.00100	.00004	.02220
%RSD	114.08	215.65	137.09	209.71	136.75	17.509	226.32	612.97
#1	.00004	-.02066	.00033	.00040	-.00089	.00454	-.00001	.01579
#2	.00014	.00906	-.00012	-.00010	-.00062	.00632	-.00006	.00116
#3	.00001	-.00926	.00081	.00006	.00023	.00621	.00002	-.02782
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00117	-.13744	.00048	.00003	.07271	.00009	-.00667
Stddev	.00047	.00013	.00974	.00011	.00017	.01742	.00037	.01254
%RSD	2316.1	11.262	7.0876	22.745	477.11	23.955	398.35	188.10
#1	.00032	.00104	-.12708	.00048	.00020	.08341	.00029	-.01978
#2	.00027	.00131	-.14641	.00037	.00004	.08210	.00032	-.00545
#3	-.00053	.00117	-.13883	.00058	-.00013	.05261	-.00033	.00522
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00505	.00176	-.00313	.00178	-.00262	-.0002	.00018	F 1.6960
Stddev	.00360	.00481	.00031	.00043	.00289	.0013	.00002	.3724
%RSD	71.146	273.13	9.7780	23.929	110.15	620.9	10.922	21.958
#1	-.00905	.00429	-.00280	.00158	-.00224	.0006	.00021	1.6317
#2	-.00405	.00478	-.00341	.00227	-.00569	-.0017	.00018	2.0963
#3	-.00207	-.00379	-.00317	.00149	.00005	.0005	.00017	1.3599

Sample Name: CCB11 Acquired: 4/4/2019 22:35:10 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14812 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.2189
Stddev	2.6433
%RSD	119.12

#1	-.42432
#2	4.8622
#3	2.2189

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4100.6	77252.	6894.8	100.92	5835.9
Stddev	12.4	197.	26.8	1.94	16.5
%RSD	.30144	.25523	.38902	1.9180	.28260

#1	4090.5	77036.	6906.7	102.48	5822.6
#2	4096.9	77296.	6864.1	101.53	5830.8
#3	4114.4	77423.	6913.6	98.750	5854.3

Sample Name: K2193-02A Acquired: 4/4/2019 22:39:40 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA8110 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.77257	1.8679	.97231	2.0263	.79194	2.1506	.31081	.19470	.20188
Stddev	.00249	.0060	.00268	.0009	.00326	.0275	.00084	.00037	.00057
%RSD	.32188	.32398	.27548	.04267	.41176	1.2772	.26909	.19214	.28044
#1	.77095	1.8638	.97042	2.0260	.79095	2.1321	.30991	.19471	.20138
#2	.77133	1.8748	.97114	2.0272	.79559	2.1376	.31097	.19432	.20177
#3	.77543	1.8651	.97538	2.0256	.78930	2.1822	.31156	.19507	.20250
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	35.351	.40420	.20501	.30094	3.0504	1.0049	3.0954	.50211	.06944
Stddev	.132	.00016	.00047	.00184	.0135	.0031	.0336	.00224	.00040
%RSD	.37401	.03918	.22928	.61250	.44271	.30649	1.0859	.44662	.57374
#1	35.335	.40416	.20448	.29889	3.0430	1.0015	3.1342	.49957	.06904
#2	35.228	.40407	.20539	.30147	3.0423	1.0075	3.0771	.50293	.06943
#3	35.491	.40438	.20515	.30246	3.0660	1.0056	3.0748	.50382	.06984
Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	329.74	.30673	.22929	10.505	.41031	.28925	.45916	2.9168	.70317
Stddev	.82	.00051	.00068	.056	.00177	.00817	.00440	.0135	.00209
%RSD	.24933	.16789	.29829	.52911	.43114	2.8257	.95831	.46149	.29742
#1	329.11	.30678	.22878	10.493	.40836	.27997	.45471	2.9169	.70078
#2	330.67	.30618	.22902	10.456	.41079	.29540	.46351	2.9302	.70465
#3	329.44	.30721	.23007	10.565	.41180	.29237	.45928	2.9033	.70410
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.20645	.18680	5.874	.32979	6.7234	10.209			
Stddev	.00074	.00089	.018	.00172	.7192	1.898			
%RSD	.36056	.47398	.3080	.52199	10.698	18.595			
#1	.20605	.18708	5.866	.33042	6.7186	8.0837			
#2	.20599	.18581	5.894	.32784	6.0066	11.737			
#3	.20731	.18752	5.861	.33110	7.4450	10.806			

Sample Name: K2193-02A Acquired: 4/4/2019 22:39:40 Type: Unk
 Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA8110 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	3811.0	72701.	6767.7	99.046	5015.9
Stddev	4.6	134.	32.0	.679	3.0
%RSD	.12127	.18373	.47306	.68600	.05937
#1	3805.8	72607.	6735.6	99.355	5012.7
#2	3814.3	72854.	6799.6	98.267	5018.6
#3	3813.1	72643.	6767.8	99.516	5016.3

Sample Name: K2193-04 Acquired: 4/4/2019 22:43:54 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HR-06-040319 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00192	-.00432	.00469	.00466	.00008	.11427	.09306	-.00000
Stddev	.00027	.00052	.00016	.00124	.00022	.00749	.00098	.00001
%RSD	14.211	11.935	3.3814	26.602	270.51	6.5510	1.0496	376.12

#1	-.00223	-.00403	.00487	.00598	-.00017	.10703	.09260	-.00001
#2	-.00185	-.00402	.00456	.00352	.00018	.12198	.09419	.00000
#3	-.00169	-.00492	.00465	.00448	.00024	.11379	.09241	.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00017	37.047	.00095	.00353	.00340	.04633	.77332	1.4346
Stddev	.00006	.206	.00040	.00031	.00025	.00068	.00362	.0252
%RSD	36.184	.55669	41.584	8.6943	7.2168	1.4715	.46834	1.7567

#1	.00017	36.811	.00050	.00386	.00368	.04563	.77007	1.4443
#2	.00024	37.194	.00126	.00347	.00323	.04636	.77722	1.4534
#3	.00011	37.135	.00110	.00326	.00327	.04699	.77267	1.4059

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00173	.00084	266.17	-.00023	.01658	.76275	-.00014	-.00168
Stddev	.00061	.00025	1.81	.00025	.00007	.01237	.00034	.01020
%RSD	35.490	29.815	.68143	106.31	.44206	1.6224	248.00	606.17

#1	.00224	.00109	264.08	-.00045	.01650	.74855	-.00016	-.00719
#2	.00190	.00082	267.16	.00004	.01662	.76848	-.00046	.01009
#3	.00105	.00059	267.27	-.00028	.01663	.77122	.00021	-.00795

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.57797	2.0971	-.00416	.00047	-.00234	.0007	.16724	4.6372
Stddev	.00499	.0353	.00040	.00056	.00020	.0015	.00047	.4353
%RSD	.86284	1.6855	9.7292	118.93	8.3903	223.6	.28362	9.3868

#1	.57279	2.0768	-.00397	.00105	-.00257	.0022	.16670	5.0567
#2	.58273	2.0765	-.00463	-.00006	-.00222	-.0006	.16759	4.6672
#3	.57839	2.1379	-.00388	.00042	-.00224	.0003	.16743	4.1877

Sample Name: K2193-04 Acquired: 4/4/2019 22:43:54 Type: Unk
 Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: HR-06-040319 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	16.352
Stddev	4.451
%RSD	27.222

#1	17.915
#2	11.330
#3	19.811

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3880.8	73578.	6924.1	99.144	5160.6
Stddev	5.3	239.	56.6	.893	6.5
%RSD	.13604	.32484	.81802	.90094	.12595

#1	3880.9	73417.	6926.1	99.083	5160.0
#2	3886.1	73465.	6979.8	100.07	5167.4
#3	3875.5	73853.	6866.5	98.283	5154.4

Sample Name: K2193-06 Acquired: 4/4/2019 22:48:29 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HR-06-040319 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00185	-.00474	.00462	.00299	-.00114	.15809	.10196	-.00004
Stddev	.00046	.00109	.00006	.00055	.00015	.00667	.00105	.00001
%RSD	24.844	22.996	1.2668	18.480	13.356	4.2175	1.0288	27.928

#1	-.00139	-.00554	.00466	.00271	-.00099	.16141	.10076	-.00005
#2	-.00186	-.00350	.00455	.00264	-.00115	.15041	.10272	-.00004
#3	-.00230	-.00519	.00464	.00363	-.00130	.16244	.10239	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00016	35.118	.00090	.00238	.00451	.03484	.72776	1.3321
Stddev	.00001	.166	.00005	.00006	.00025	.00082	.00273	.0376
%RSD	6.3093	.47201	5.5559	2.5646	5.6418	2.3594	.37464	2.8255

#1	.00017	34.955	.00085	.00241	.00424	.03413	.72497	1.2895
#2	.00015	35.287	.00095	.00241	.00474	.03466	.73042	1.3457
#3	.00016	35.113	.00089	.00231	.00454	.03574	.72789	1.3610

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00156	.00049	347.45	-.00013	.01614	.77936	-.00017	-.00712
Stddev	.00033	.00020	3.24	.00050	.00011	.01594	.00042	.00977
%RSD	21.126	40.762	.93315	369.92	.65272	2.0447	253.33	137.22

#1	.00118	.00027	345.32	-.00071	.01623	.76921	.00031	.00383
#2	.00171	.00066	351.18	.00016	.01617	.77115	-.00033	-.01496
#3	.00178	.00053	345.84	.00014	.01602	.79773	-.00048	-.01023

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51161	1.7961	-.00487	.00118	-.00451	.0043	.15401	5.2674
Stddev	.00355	.0116	.00052	.00098	.00075	.0008	.00052	.2107
%RSD	.69341	.64565	10.706	83.285	16.584	19.19	.33527	3.9993

#1	.51220	1.8082	-.00430	.00014	-.00521	.0047	.15451	5.3621
#2	.50780	1.7852	-.00499	.00210	-.00372	.0033	.15403	5.0260
#3	.51483	1.7948	-.00533	.00130	-.00460	.0048	.15348	5.4141

Sample Name: K2193-06 Acquired: 4/4/2019 22:48:29 Type: Unk
 Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: HR-06-040319 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 13.469
 Stddev 1.230
 %RSD 9.1349

#1 12.669
 #2 12.852
 #3 14.885

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3832.2	72424.	6805.9	98.656	5065.1
Stddev	20.7	236.	49.0	1.674	30.3
%RSD	.53917	.32558	.72063	1.6972	.59730

#1	3808.8	72547.	6755.4	96.742	5034.6
#2	3848.0	72152.	6808.9	99.850	5095.1
#3	3839.7	72573.	6853.4	99.375	5065.8

Sample Name: K2195-02 Acquired: 4/4/2019 22:53:05 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NB-07-040319 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00066	-.00296	.00641	.00216	-.00088	.75890	.09795	.00005
Stddev	.00237	.00129	.00048	.00092	.00128	.00955	.00033	.00005
%RSD	356.71	43.720	7.5278	42.537	145.43	1.2587	.34151	110.65

#1	.00105	-.00296	.00636	.00222	.00056	.76377	.09818	.00009
#2	-.00336	-.00425	.00692	.00304	-.00188	.74789	.09756	.00007
#3	.00033	-.00167	.00596	.00121	-.00133	.76503	.09809	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00021	13.930	.00217	.00289	.00392	1.2002	.26010	1.7315
Stddev	.00003	.007	.00027	.00011	.00032	.0034	.00038	.0078
%RSD	12.898	.05174	12.618	3.8669	8.2831	.28658	.14684	.45074

#1	.00024	13.938	.00209	.00277	.00396	1.2007	.25977	1.7233
#2	.00020	13.925	.00195	.00292	.00423	1.2033	.26002	1.7388
#3	.00018	13.927	.00248	.00299	.00358	1.1965	.26052	1.7325

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00131	.00089	291.84	.00223	.04260	1.1255	.00008	.00955
Stddev	.00053	.00048	.20	.00029	.00007	.0281	.00015	.01188
%RSD	40.786	53.759	.06812	13.155	.15717	2.4968	185.40	124.30

#1	.00161	.00049	291.76	.00242	.04265	1.0998	-.00008	-.00403
#2	.00163	.00142	291.70	.00189	.04252	1.1555	.00012	.01470
#3	.00069	.00076	292.07	.00237	.04263	1.1211	.00020	.01799

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19841	1.3515	-.00484	.02793	-.00408	.0110	.05720	2.4402
Stddev	.00087	.0110	.00102	.00124	.00066	.0015	.00022	.9745
%RSD	.43928	.81592	21.162	4.4328	16.191	13.89	.38564	39.935

#1	.19821	1.3617	-.00393	.02652	-.00483	.0100	.05746	1.6257
#2	.19936	1.3530	-.00595	.02844	-.00381	.0102	.05708	3.5199
#3	.19766	1.3398	-.00463	.02884	-.00360	.0128	.05707	2.1752

Sample Name: K2195-02 Acquired: 4/4/2019 22:53:05 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NB-07-040319 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	20.325
Stddev	8.488
%RSD	41.762

#1	11.248
#2	28.067
#3	21.661

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3938.1	74455.	6966.5	101.38	5231.0
Stddev	11.9	79.	44.5	1.05	10.8
%RSD	.30287	.10625	.63847	1.0323	.20621

#1	3924.3	74546.	6952.9	100.42	5218.9
#2	3944.0	74416.	6930.3	102.49	5239.6
#3	3945.8	74404.	7016.1	101.22	5234.5

Sample Name: K2240-11 Acquired: 4/4/2019 22:57:39 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-01-(0-2) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00191	-.00395	.00102	.00331	-.00074	.04887	.26324	.00001
Stddev	.00204	.00036	.00087	.00142	.00126	.01097	.00093	.00005
%RSD	106.86	9.1452	85.596	43.020	171.16	22.440	.35358	392.85

#1	-.00388	-.00356	.00202	.00188	-.00218	.04152	.26324	.00003
#2	.00019	-.00403	.00045	.00333	.00016	.06148	.26231	.00005
#3	-.00204	-.00427	.00058	.00472	-.00019	.04363	.26417	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	14.781	.00103	-.00021	.00082	-.00285	.04674	2.3162
Stddev	.00006	.267	.00006	.00032	.00010	.00010	.00010	.0390
%RSD	108.40	1.8093	5.8640	153.22	12.008	3.6161	.22136	1.6826

#1	.00011	14.585	.00108	.00004	.00072	-.00285	.04684	2.2765
#2	.00005	15.086	.00096	-.00056	.00091	-.00275	.04675	2.3179
#3	-.00000	14.673	.00105	-.00009	.00083	-.00296	.04663	2.3544

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00042	.00095	369.84	.00083	.07679	.92236	-.00012	.02880
Stddev	.00013	.00028	3.09	.00035	.00011	.02641	.00017	.00889
%RSD	32.289	29.222	.83534	41.453	.14333	2.8634	137.87	30.886

#1	.00026	.00083	367.39	.00107	.07684	.92045	-.00018	.03412
#2	.00050	.00075	373.31	.00044	.07686	.94968	-.00026	.01853
#3	.00048	.00127	368.83	.00099	.07666	.89697	.00007	.03374

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23503	.71817	-.00518	.00001	-.00437	.0142	.08406	4.8380
Stddev	.00179	.02163	.00027	.00054	.00105	.0021	.00153	.3354
%RSD	.76308	3.0113	5.2112	3677.0	24.024	14.58	1.8167	6.9318

#1	.23707	.70705	-.00506	-.00044	-.00524	.0147	.08319	4.4513
#2	.23373	.74310	-.00549	-.00013	-.00466	.0119	.08582	5.0138
#3	.23428	.70437	-.00498	.00061	-.00320	.0159	.08316	5.0488

Sample Name: K2240-11 Acquired: 4/4/2019 22:57:39 Type: Unk
 Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-01-(0-2) Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 16.092
 Stddev 2.707
 %RSD 16.820

#1 17.143
 #2 13.018
 #3 18.116

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3846.2	72974.	6874.7	98.347	5071.4
Stddev	7.3	223.	167.5	2.534	9.2
%RSD	.18912	.30583	2.4367	2.5769	.18105

#1	3848.0	72783.	6956.5	98.533	5071.1
#2	3838.2	72920.	6682.0	95.725	5062.3
#3	3852.4	73220.	6985.7	100.78	5080.7

Sample Name: K2240-12 Acquired: 4/4/2019 23:02:13 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-01-(13.5- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00231	-.00376	.00015	.00380	-.00022	.04646	.25642	.00007
Stddev	.00024	.00111	.00022	.00240	.00164	.00540	.00088	.00005
%RSD	10.209	29.577	148.68	63.077	734.89	11.621	.34300	68.067

#1	-.00236	-.00369	.00036	.00584	.00132	.05193	.25566	.00001
#2	-.00252	-.00490	.00016	.00116	-.00194	.04114	.25738	.00010
#3	-.00206	-.00268	-.00008	.00440	-.00005	.04631	.25621	.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	4.2399	.00136	.00025	.00095	-.00244	.11382	1.4417
Stddev	.00004	.0147	.00038	.00014	.00049	.00046	.00106	.0508
%RSD	85.356	.34660	28.290	56.445	52.169	18.673	.93045	3.5272

#1	.00003	4.2382	.00178	.00012	.00150	-.00195	.11504	1.4966
#2	.00001	4.2553	.00103	.00040	.00082	-.00286	.11319	1.4322
#3	.00008	4.2261	.00126	.00024	.00053	-.00251	.11323	1.3963

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00141	.00087	336.25	.00028	.08692	.60056	-.00008	.02745
Stddev	.00071	.00023	2.03	.00017	.00012	.02022	.00023	.00213
%RSD	50.204	26.213	.60472	60.208	.13794	3.3668	283.00	7.7545

#1	.00060	.00111	338.50	.00008	.08690	.61889	-.00031	.02523
#2	.00189	.00085	334.53	.00037	.08681	.60392	-.00010	.02765
#3	.00174	.00065	335.73	.00038	.08705	.57887	.00016	.02948

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.33453	.20413	-.00464	.00217	-.00331	.0157	.02581	3.6792
Stddev	.00274	.00303	.00094	.00057	.00147	.0005	.00010	.8421
%RSD	.81964	1.4852	20.324	26.097	44.540	2.868	.39817	22.890

#1	.33694	.20693	-.00363	.00257	-.00278	.0153	.02576	2.7949
#2	.33155	.20091	-.00550	.00240	-.00218	.0162	.02593	4.4717
#3	.33511	.20456	-.00480	.00152	-.00498	.0157	.02575	3.7709

Sample Name: K2240-12 Acquired: 4/4/2019 23:02:13 Type: Unk
 Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-01-(13.5- Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	17.409
Stddev	2.286
%RSD	13.129

#1	19.200
#2	18.191
#3	14.834

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3905.1	73793.	6975.3	100.29	5163.4
Stddev	6.3	123.	20.4	1.51	10.4
%RSD	.16168	.16620	.29263	1.5094	.20161

#1	3912.2	73768.	6955.3	102.03	5175.4
#2	3900.2	73685.	6996.1	99.550	5158.4
#3	3902.9	73927.	6974.5	99.292	5156.4

Sample Name: K2240-13 Acquired: 4/4/2019 23:06:48 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-01-COMP 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	-.00404	.00002	.00059	-.00079	.04597	.27203	.00011
Stddev	.00165	.00097	.00042	.00200	.00085	.00485	.00076	.00004
%RSD	84.132	24.139	2361.1	338.26	107.30	10.556	.27815	35.471

#1	-.00217	-.00352	.00035	.00209	-.00174	.05156	.27218	.00008
#2	-.00022	-.00516	.00015	-.00168	-.00008	.04337	.27121	.00015
#3	-.00349	-.00342	-.00045	.00137	-.00057	.04297	.27270	.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	7.0301	.00157	.00042	.00032	-.00288	.20441	1.5356
Stddev	.00006	.0358	.00018	.00004	.00014	.00057	.00106	.0444
%RSD	127.71	.50905	11.392	9.2415	45.147	19.733	.51731	2.8928

#1	.00008	7.0044	.00153	.00039	.00015	-.00267	.20319	1.5067
#2	.00010	7.0710	.00141	.00042	.00038	-.00352	.20497	1.5867
#3	-.00002	7.0149	.00176	.00047	.00042	-.00245	.20507	1.5133

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00129	.00080	299.78	-.00021	.07004	.91558	-.00006	.00806
Stddev	.00042	.00033	2.21	.00048	.00013	.02799	.00013	.01049
%RSD	32.543	41.289	.73740	231.52	.18819	3.0575	199.00	130.13

#1	.00087	.00118	300.70	-.00044	.07015	.90315	-.00007	-.00329
#2	.00130	.00061	301.38	.00034	.07006	.94764	.00007	.01741
#3	.00171	.00061	297.26	-.00053	.06989	.89596	-.00018	.01007

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25050	.34290	-.00523	.00085	-.00704	.0030	.04570	2.2257
Stddev	.00148	.00396	.00033	.00124	.00142	.0007	.00007	.6782
%RSD	.58949	1.1549	6.3893	145.29	20.137	24.40	.14708	30.470

#1	.24926	.34387	-.00509	.00167	-.00661	.0032	.04565	2.2292
#2	.25213	.34628	-.00561	.00145	-.00862	.0036	.04578	1.5458
#3	.25010	.33854	-.00499	-.00057	-.00589	.0022	.04567	2.9022

Sample Name: K2240-13 Acquired: 4/4/2019 23:06:48 Type: Unk
 Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-01-COMP Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	12.884
Stddev	3.492
%RSD	27.101

#1	12.688
#2	9.4938
#3	16.469

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3929.2	74138.	6899.8	100.24	5210.4
Stddev	10.6	178.	33.7	.95	8.2
%RSD	.27006	.24011	.48813	.94614	.15685

#1	3917.7	74266.	6906.0	101.31	5200.9
#2	3931.2	73935.	6863.4	99.908	5215.5
#3	3938.6	74213.	6929.9	99.500	5214.7

Sample Name: K2240-14 Acquired: 4/4/2019 23:11:23 Type: Unk
 Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-02-(0-2) Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00234	-.00402	.00063	.00074	-.00115	.04637	.27288	.00000
Stddev	.00195	.00083	.00065	.00233	.00191	.00968	.00076	.00005
%RSD	83.334	20.597	102.38	314.82	165.01	20.876	.27988	1497.1

#1	-.00319	-.00440	-.00009	.00330	-.00169	.04603	.27218	-.00004
#2	-.00011	-.00460	.00082	.00019	-.00274	.03686	.27369	.00006
#3	-.00373	-.00307	.00116	-.00126	.00096	.05621	.27276	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00042	11.220	.00133	-.00010	.00112	.00037	.17524	3.3254
Stddev	.00003	.038	.00013	.00036	.00021	.00020	.00058	.0096
%RSD	6.1002	.33859	9.7589	369.88	18.337	55.780	.32907	.29002

#1	.00045	11.251	.00146	.00031	.00135	.00027	.17584	3.3217
#2	.00040	11.230	.00120	-.00029	.00104	.00060	.17518	3.3363
#3	.00040	11.177	.00132	-.00031	.00097	.00023	.17469	3.3181

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00069	.00041	360.09	.00064	.06820	.62018	-.00007	.01991
Stddev	.00014	.00030	2.51	.00018	.00066	.01409	.00023	.00511
%RSD	20.979	71.913	.69771	28.784	.96184	2.2720	317.08	25.673

#1	.00060	.00023	357.34	.00083	.06746	.63243	.00018	.01407
#2	.00086	.00025	362.26	.00060	.06841	.62334	-.00015	.02353
#3	.00061	.00075	360.67	.00047	.06872	.60478	-.00025	.02215

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.33078	.51763	-.00546	.00067	-.00509	.0021	.05166	2.0616
Stddev	.00574	.00678	.00021	.00099	.00149	.0021	.00008	.2267
%RSD	1.7344	1.3098	3.8352	147.42	29.367	99.97	.15239	10.995

#1	.32574	.52543	-.00570	.00168	-.00637	.0033	.05162	1.8392
#2	.32957	.51322	-.00533	.00064	-.00345	.0033	.05160	2.2923
#3	.33702	.51423	-.00534	-.00030	-.00544	-.0003	.05175	2.0532

Sample Name: K2240-14 Acquired: 4/4/2019 23:11:23 Type: Unk
 Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-02-(0-2) Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	16.727
Stddev	5.384
%RSD	32.190

#1	11.009
#2	17.471
#3	21.700

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3903.9	73969.	6942.8	97.792	5157.7
Stddev	15.6	262.	37.1	1.546	27.6
%RSD	.39905	.35447	.53376	1.5805	.53498

#1	3921.7	73668.	6908.7	96.050	5189.5
#2	3892.8	74150.	6982.2	98.325	5143.5
#3	3897.3	74089.	6937.6	99.000	5140.0

Sample Name: K2240-15 Acquired: 4/4/2019 23:15:58 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-02-(0-2)- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00236	-.00431	.00197	.00412	.00030	.07246	.27126	.00009
Stddev	.00157	.00061	.00079	.00183	.00256	.00832	.00219	.00001
%RSD	66.554	14.108	40.081	44.456	860.11	11.482	.80633	10.667

#1	-.00400	-.00473	.00117	.00617	.00322	.08145	.26875	.00010
#2	-.00224	-.00361	.00275	.00266	-.00075	.06502	.27226	.00009
#3	-.00086	-.00459	.00198	.00352	-.00157	.07093	.27276	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00087	8.2706	.00103	.00072	.00491	.00094	.47973	4.0514
Stddev	.00008	.0338	.00045	.00024	.00012	.00108	.00326	.0635
%RSD	8.9697	.40819	43.348	33.160	2.4231	115.21	.67929	1.5670

#1	.00088	8.2371	.00145	.00091	.00487	.00175	.48009	4.0052
#2	.00095	8.3046	.00056	.00045	.00505	-.00029	.48279	4.1238
#3	.00079	8.2700	.00108	.00080	.00482	.00135	.47630	4.0253

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00159	.00066	375.08	-.00024	.08117	.76671	-.00029	.01660
Stddev	.00023	.00017	3.73	.00038	.00044	.00473	.00017	.01010
%RSD	14.275	25.310	.99490	155.47	.54037	.61698	56.738	60.860

#1	.00144	.00073	375.46	-.00034	.08144	.76607	-.00025	.01482
#2	.00185	.00047	378.61	-.00056	.08140	.76233	-.00015	.02748
#3	.00149	.00078	371.18	.00018	.08066	.77173	-.00048	.00751

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.66925	.26101	-.00445	.00012	-.00511	.0023	.03035	4.3413
Stddev	.00759	.00537	.00095	.00073	.00015	.0012	.00004	.9886
%RSD	1.1342	2.0574	21.275	611.79	2.9677	50.82	.12638	22.772

#1	.67792	.26352	-.00552	.00095	-.00513	.0027	.03032	4.2419
#2	.66608	.26466	-.00410	-.00015	-.00526	.0010	.03039	3.4062
#3	.66377	.25484	-.00372	-.00044	-.00495	.0032	.03033	5.3759

Sample Name: K2240-15 Acquired: 4/4/2019 23:15:58 Type: Unk
 Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-02-(0-2)- Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 17.310
 Stddev .996
 %RSD 5.7542

#1 18.111
 #2 16.195
 #3 17.625

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3866.7	72524.	6846.7	98.975	5098.9
Stddev	29.1	344.	65.6	1.045	34.1
%RSD	.75272	.47375	.95813	1.0557	.66827

#1	3840.0	72267.	6783.3	99.467	5071.1
#2	3862.3	72392.	6842.6	97.775	5088.7
#3	3897.7	72914.	6914.3	99.683	5136.9

Sample Name: K2240-16 Acquired: 4/4/2019 23:20:32 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-02-(13.5- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00291	-.00393	.00002	.00364	-.00071	.09101	.33340	.00017
Stddev	.00101	.00055	.00072	.00303	.00188	.00805	.00084	.00006
%RSD	34.881	13.971	3160.0	83.243	264.15	8.8462	.25122	36.440

#1	-.00236	-.00338	.00067	.00673	-.00288	.08389	.33310	.00022
#2	-.00407	-.00448	.00016	.00068	.00035	.09975	.33435	.00010
#3	-.00228	-.00391	-.00076	.00350	.00039	.08940	.33276	.00020

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00019	5.8395	.00130	.00854	.00232	-.00237	.61509	5.0593
Stddev	.00006	.0408	.00043	.00015	.00011	.00059	.00163	.0632
%RSD	30.709	.69799	32.892	1.7855	4.7192	24.729	.26577	1.2489

#1	.00012	5.7926	.00155	.00862	.00227	-.00300	.61323	5.0015
#2	.00020	5.8659	.00154	.00836	.00245	-.00227	.61628	5.1268
#3	.00024	5.8600	.00080	.00863	.00225	-.00184	.61576	5.0497

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00865	.00135	383.55	-.00025	.10311	.58202	-.00003	.02912
Stddev	.00028	.00034	1.40	.00024	.00026	.00754	.00038	.00813
%RSD	3.2848	25.042	.36504	96.072	.25025	1.2955	1298.4	27.909

#1	.00858	.00172	385.16	-.00009	.10328	.58642	-.00046	.03696
#2	.00897	.00126	382.70	-.00052	.10323	.58633	.00010	.02967
#3	.00842	.00107	382.77	-.00013	.10281	.57332	.00027	.02073

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.43515	.35840	-.00449	.00013	-.00528	.0054	.04150	3.6014
Stddev	.00322	.00096	.00056	.00061	.00036	.0014	.00015	.3081
%RSD	.73906	.26816	12.353	477.63	6.7364	26.52	.35703	8.5559

#1	.43813	.35752	-.00385	-.00049	-.00553	.0040	.04139	3.9264
#2	.43559	.35942	-.00480	.00014	-.00487	.0053	.04145	3.3135
#3	.43174	.35825	-.00483	.00073	-.00543	.0069	.04167	3.5642

Sample Name: K2240-16 Acquired: 4/4/2019 23:20:32 Type: Unk
 Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-02-(13.5- Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	16.386
Stddev	3.082
%RSD	18.807

#1	12.945
#2	17.321
#3	18.893

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3892.3	73847.	6936.0	100.02	5114.3
Stddev	10.4	62.	7.7	.65	12.0
%RSD	.26769	.08331	.11113	.64717	.23450

#1	3900.4	73863.	6944.3	100.42	5120.9
#2	3880.5	73779.	6934.6	99.271	5100.5
#3	3895.9	73899.	6929.0	100.37	5121.6

Sample Name: CCV12 Acquired: 4/4/2019 23:25:07 Type: Unk
Method: P4-ICP2(v3020) 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	4.9945	5.0455	5.0424	5.1039	5.1159	9.9258	9.9317	.25006
Stddev	.0207	.0159	.0075	.0159	.0061	.0551	.0456	.00096
%RSD	.41501	.31583	.14856	.31080	.11863	.55513	.45951	.38584
#1	4.9743	5.0297	5.0339	5.0883	5.1091	9.9329	9.9220	.25050
#2	4.9934	5.0452	5.0453	5.1033	5.1183	9.8675	9.8917	.24895
#3	5.0157	5.0616	5.0480	5.1200	5.1205	9.9770	9.9814	.25072
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5855	26.153	1.0228	2.5225	1.2491	4.9989	2.5242	24.736
Stddev	.0027	.064	.0050	.0015	.0017	.0060	.0080	.197
%RSD	.10422	.24566	.48362	.05824	.13806	.11930	.31503	.79560
#1	2.5831	26.173	1.0268	2.5215	1.2476	5.0016	2.5331	24.710
#2	2.5884	26.081	1.0173	2.5242	1.2510	4.9921	2.5177	24.553
#3	2.5850	26.205	1.0244	2.5219	1.2487	5.0031	2.5217	24.944
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5142	1.2556	24.074	2.5180	2.5195	24.544	5.0973	4.9046
Stddev	.0037	.0022	.155	.0031	.0029	.171	.0106	.0286
%RSD	.14806	.17356	.64396	.12281	.11417	.69536	.20848	.58390
#1	2.5100	1.2581	24.073	2.5144	2.5165	24.527	5.0851	4.9175
#2	2.5156	1.2543	23.920	2.5193	2.5223	24.382	5.1024	4.8718
#3	2.5171	1.2543	24.230	2.5202	2.5198	24.722	5.1043	4.9246
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9464	5.1296	5.0442	5.1185	4.9924	5.008	5.1731	F 1.9275
Stddev	.0257	.0218	.0086	.0155	.0170	.017	.0030	.1838
%RSD	.51871	.42531	.17102	.30178	.34066	.3393	.05734	9.5346
#1	4.9327	5.1470	5.0347	5.1159	5.0056	4.993	5.1760	1.7473
#2	4.9305	5.1368	5.0516	5.1045	4.9732	5.004	5.1700	2.1147
#3	4.9760	5.1051	5.0463	5.1351	4.9984	5.026	5.1733	1.9207

Sample Name: CCV12 Acquired: 4/4/2019 23:25:07 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 19.186
Stddev 6.303
%RSD 32.851

#1 13.173
#2 25.744
#3 18.643

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4040.9	76304.	6945.3	99.619	5368.9
Stddev	11.2	157.	23.0	2.001	8.2
%RSD	.27600	.20527	.33090	2.0091	.15298

#1	4053.7	76202.	6923.0	100.21	5377.8
#2	4033.3	76484.	6944.0	97.389	5361.5
#3	4035.7	76225.	6968.9	101.26	5367.6

Sample Name: CCB12 Acquired: 4/4/2019 23:29:06 Type: Unk
Method: P4-ICP2(v3020) 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	-.00207	-.00263	-.00041	.00214	.00101	.00830	.00149
Stddev	.00148	.00047	.00059	.00177	.00118	.00319	.00043
%RSD	71.399	18.021	145.24	82.565	116.35	38.401	28.652

#1	-.00134	-.00318	-.00091	.00413	.00233	.00532	.00156
#2	-.00376	-.00235	.00024	.00072	.00063	.01166	.00103
#3	-.00110	-.00236	-.00056	.00158	.00007	.00792	.00188

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	.00008	.00245	.00056	.00017	-.00002	.00465
Stddev	.00004	.00002	.01895	.00050	.00018	.00015	.00026
%RSD	102.00	29.442	772.25	90.341	106.21	617.41	5.6903

#1	-.00008	.00007	.01750	.00002	-.00004	.00008	.00439
#2	-.00005	.00011	-.01883	.00062	.00025	-.00020	.00464
#3	.00000	.00007	.00869	.00102	.00028	.00005	.00492

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	.01566	.00001	.00097	-.06754	.00059	-.00017
Stddev	.00002	.00940	.00017	.00019	.00746	.00033	.00014
%RSD	12.698	60.025	1973.4	19.605	11.047	55.091	81.780

#1	-.00015	.01535	-.00012	.00077	-.05997	.00027	-.00001
#2	-.00011	.02520	.00021	.00099	-.07489	.00059	-.00025
#3	-.00013	.00641	-.00006	.00115	-.06778	.00092	-.00025

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09609	-.00002	-.01180	-.00487	-.00365	-.00362	.00037
Stddev	.01064	.00009	.01449	.00198	.00240	.00027	.00103
%RSD	11.076	563.30	122.74	40.751	65.593	7.4057	278.33

#1	.10655	-.00007	.00492	-.00568	-.00096	-.00331	-.00073
#2	.08527	.00009	-.01979	-.00632	-.00554	-.00374	.00131
#3	.09643	-.00007	-.02053	-.00261	-.00446	-.00381	.00053

Sample Name: CCB12 Acquired: 4/4/2019 23:29:06 Type: Unk
 Method: P4-ICP2(v3020) 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	-.00594	.0021	.00013	F<.00000	F 2.8421
Stddev	.00049	.0014	.00008	.99837	5.4208
%RSD	8.2407	66.70	62.882	35.806	190.73
#1	-.00550	.0017	.00016	-1.6355	-.96303
#2	-.00646	.0010	.00021	-3.3764	.44050
#3	-.00585	.0037	.00004	-3.3529	9.0489
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4190.4	78418.	7013.5	103.55	5979.5
Stddev	8.3	166.	68.6	1.42	9.8
%RSD	.19813	.21126	.97769	1.3736	.16343
#1	4181.8	78227.	7091.0	102.45	5968.8
#2	4191.0	78497.	6988.4	105.16	5981.9
#3	4198.3	78529.	6960.9	103.05	5987.9

Sample Name: K2245-04 Acquired: 4/4/2019 23:33:36 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-1S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00364	-.00369	.00221	.00131	-.00047	.08923	.10378	-.00000
Stddev	.00138	.00066	.00117	.00096	.00142	.00926	.00132	.00003
%RSD	38.050	18.033	52.902	73.600	304.15	10.380	1.2761	625.16

#1	-.00461	-.00400	.00127	.00035	-.00203	.09992	.10226	.00003
#2	-.00425	-.00414	.00352	.00227	.00075	.08374	.10437	-.00003
#3	-.00205	-.00292	.00183	.00130	-.00012	.08402	.10469	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	4.6555	.00134	-.00011	.00151	.01371	.00619	.31687
Stddev	.00002	.0225	.00016	.00023	.00017	.00077	.00008	.05860
%RSD	38.386	.48356	12.039	206.32	11.136	5.6185	1.3039	18.494

#1	.00005	4.6329	.00150	-.00035	.00145	.01430	.00628	.27666
#2	.00009	4.6779	.00118	-.00009	.00138	.01400	.00616	.38411
#3	.00005	4.6559	.00132	.00010	.00170	.01284	.00612	.28984

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00031	.00092	407.31	.00070	.01024	.91002	-.00011	-.00433
Stddev	.00016	.00053	2.97	.00037	.00008	.01800	.00007	.00699
%RSD	52.015	57.934	.72810	52.127	.75474	1.9777	61.882	161.65

#1	.00027	.00073	410.67	.00110	.01026	.92926	-.00006	-.00044
#2	.00049	.00051	405.07	.00062	.01015	.89360	-.00008	-.00013
#3	.00018	.00152	406.20	.00038	.01031	.90719	-.00018	-.01240

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08585	.30860	-.00377	.00166	-.00577	.0018	.02873	2.0516
Stddev	.00378	.00319	.00076	.00122	.00147	.0010	.00017	.5247
%RSD	4.4009	1.0331	20.273	73.568	25.458	57.37	.57652	25.575

#1	.09000	.30913	-.00457	.00177	-.00641	.0030	.02868	1.6192
#2	.08260	.31148	-.00305	.00283	-.00409	.0012	.02892	1.9002
#3	.08497	.30517	-.00369	.00039	-.00681	.0013	.02860	2.6353

Sample Name: K2245-04 Acquired: 4/4/2019 23:33:36 Type: Unk
 Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-1S Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	19.023
Stddev	2.462
%RSD	12.944

#1	20.967
#2	19.848
#3	16.254

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3902.6	73436.	6950.8	100.50	5147.1
Stddev	1.0	199.	50.3	1.50	10.7
%RSD	.02465	.27044	.72437	1.4900	.20724

#1	3901.5	73218.	6892.7	98.967	5143.7
#2	3903.4	73607.	6978.1	100.58	5138.5
#3	3902.8	73483.	6981.6	101.96	5159.0

Sample Name: K2245-08 Acquired: 4/4/2019 23:38:13 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-1D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00310	-.00430	.00010	.00129	-.00037	.05830	.07488	-.00002
Stddev	.00126	.00084	.00066	.00091	.00078	.01150	.00051	.00002
%RSD	40.673	19.586	695.83	70.267	207.28	19.716	.67965	111.76

#1	-.00298	-.00338	-.00063	.00163	-.00033	.04623	.07429	.00000
#2	-.00442	-.00448	.00023	.00026	-.00117	.05956	.07515	-.00004
#3	-.00191	-.00503	.00068	.00199	.00038	.06911	.07520	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	3.1324	.00130	-.00022	.00093	.01761	.00418	.27340
Stddev	.00003	.0200	.00053	.00004	.00022	.00034	.00003	.02288
%RSD	35.607	.63740	40.902	20.274	23.465	1.9491	.61277	8.3681

#1	.00012	3.1509	.00088	-.00019	.00073	.01767	.00420	.29924
#2	.00006	3.1112	.00113	-.00027	.00089	.01724	.00415	.26524
#3	.00008	3.1349	.00190	-.00020	.00116	.01792	.00420	.25572

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00099	.00160	316.45	.00077	.00799	.52892	-.00000	-.01777
Stddev	.00031	.00030	1.74	.00031	.00007	.04323	.00004	.00800
%RSD	30.951	18.703	.54894	40.122	.83420	8.1729	27994.	44.999

#1	.00089	.00139	315.21	.00067	.00800	.50733	.00002	-.02323
#2	.00075	.00147	315.70	.00111	.00793	.50074	.00003	-.00859
#3	.00133	.00195	318.44	.00052	.00806	.57869	-.00005	-.02149

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10094	.16045	-.00527	.00200	-.00588	.0007	.02119	1.5464
Stddev	.00255	.00110	.00032	.00019	.00166	.0011	.00013	.3867
%RSD	2.5297	.68489	6.1578	9.6502	28.145	155.4	.58999	25.010

#1	.09943	.16015	-.00524	.00182	-.00729	.0006	.02127	1.1537
#2	.09950	.15953	-.00561	.00221	-.00406	.0019	.02125	1.5584
#3	.10389	.16166	-.00496	.00198	-.00630	-.0003	.02104	1.9270

Sample Name: K2245-08 Acquired: 4/4/2019 23:38:13 Type: Unk
 Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-1D Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 11.247
 Stddev 3.556
 %RSD 31.620

#1 8.1538
 #2 15.133
 #3 10.454

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4027.0	76268.	7113.8	101.71	5315.4
Stddev	4.2	255.	66.4	1.36	2.9
%RSD	.10404	.33409	.93376	1.3349	.05516

#1	4024.8	76252.	7037.1	100.15	5313.1
#2	4031.8	76531.	7154.9	102.59	5318.7
#3	4024.4	76022.	7149.3	102.40	5314.3

Sample Name: K2245-12 Acquired: 4/4/2019 23:42:51 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-3S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00233	-.00333	.00002	.00181	-.00085	.12121	.08978	.00005
Stddev	.00111	.00049	.00141	.00072	.00176	.01279	.00028	.00007
%RSD	47.752	14.696	8959.6	39.725	208.19	10.549	.31484	147.29

#1	-.00119	-.00279	.00026	.00124	-.00139	.11816	.08988	.00001
#2	-.00341	-.00346	.00128	.00262	-.00228	.13524	.09000	.00001
#3	-.00240	-.00375	-.00150	.00158	.00112	.11022	.08946	.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	2.1160	.00136	.00005	.00231	.02332	.01593	.31812
Stddev	.00006	.0089	.00017	.00015	.00031	.00047	.00014	.02984
%RSD	82.681	.42257	12.348	291.75	13.463	2.0189	.90864	9.3815

#1	.00001	2.1073	.00151	.00001	.00256	.02284	.01609	.33771
#2	.00008	2.1251	.00118	.00022	.00196	.02335	.01589	.28377
#3	.00014	2.1156	.00140	-.00007	.00240	.02378	.01581	.33289

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00177	.00117	364.36	.00049	.01412	.54442	-.00012	-.00733
Stddev	.00057	.00017	2.92	.00034	.00009	.04390	.00014	.00783
%RSD	31.872	14.272	.80153	69.244	.63338	8.0639	110.72	106.93

#1	.00117	.00111	367.30	.00088	.01413	.59181	-.00020	-.01603
#2	.00230	.00104	364.31	.00035	.01403	.53634	.00003	-.00085
#3	.00185	.00136	361.46	.00025	.01421	.50513	-.00021	-.00510

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18759	.20852	-.00548	.00190	-.00566	.0023	.01424	1.6518
Stddev	.00206	.00189	.00092	.00120	.00056	.0012	.00008	.6640
%RSD	1.0998	.90596	16.786	63.135	9.9547	53.48	.52767	40.200

#1	.18880	.20667	-.00445	.00276	-.00568	.0037	.01418	2.4144
#2	.18521	.21045	-.00577	.00053	-.00621	.0017	.01432	1.2018
#3	.18877	.20846	-.00623	.00242	-.00508	.0015	.01422	1.3392

Sample Name: K2245-12 Acquired: 4/4/2019 23:42:51 Type: Unk
 Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-3S Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	17.107
Stddev	4.015
%RSD	23.470

#1	17.293
#2	13.003
#3	21.026

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4012.6	75180.	7012.7	100.95	5298.1
Stddev	17.1	709.	21.2	1.20	11.3
%RSD	.42632	.94307	.30183	1.1859	.21348

#1	3993.6	74363.	6993.6	102.18	5285.2
#2	4026.7	75546.	7035.4	99.783	5306.5
#3	4017.6	75632.	7009.0	100.88	5302.5

Sample Name: K2245-16 Acquired: 4/4/2019 23:47:29 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-3D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00218	-.00357	.00022	.00257	-.00069	.05802	.10351	-.00001
Stddev	.00154	.00093	.00063	.00093	.00012	.00295	.00065	.00003
%RSD	70.640	26.027	280.56	36.110	17.689	5.0918	.62446	267.14

#1	-.00298	-.00351	.00083	.00345	-.00073	.05497	.10287	-.00001
#2	-.00040	-.00268	-.00042	.00160	-.00055	.05822	.10351	-.00004
#3	-.00315	-.00453	.00025	.00268	-.00078	.06086	.10416	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00026	2.7227	.00160	.00006	.00329	.01255	.00728	.34990
Stddev	.00007	.0106	.00024	.00011	.00028	.00073	.00003	.03371
%RSD	26.864	.38871	15.287	181.49	8.4704	5.7991	.44074	9.6352

#1	.00029	2.7344	.00145	-.00000	.00335	.01280	.00724	.38655
#2	.00018	2.7198	.00188	-.00000	.00299	.01174	.00727	.32020
#3	.00030	2.7138	.00147	.00019	.00354	.01313	.00731	.34296

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00130	.00090	383.04	.00077	.03351	.45643	-.00027	-.01296
Stddev	.00051	.00059	2.27	.00029	.00006	.02701	.00026	.00443
%RSD	39.118	65.379	.59336	37.588	.18894	5.9166	95.391	34.202

#1	.00072	.00043	385.66	.00055	.03358	.48748	-.00008	-.01058
#2	.00167	.00156	381.80	.00110	.03346	.43842	-.00017	-.01022
#3	.00152	.00072	381.65	.00067	.03349	.44339	-.00057	-.01807

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08641	.18331	-.00485	.00119	-.00462	.0133	.01726	2.5181
Stddev	.00303	.00265	.00028	.00123	.00164	.0009	.00005	.3005
%RSD	3.5013	1.4459	5.8406	102.85	35.425	7.050	.29866	11.934

#1	.08342	.18634	-.00493	-.00017	-.00559	.0130	.01731	2.1730
#2	.08947	.18216	-.00508	.00153	-.00554	.0143	.01726	2.7218
#3	.08632	.18143	-.00453	.00222	-.00273	.0125	.01721	2.6595

Sample Name: K2245-16 Acquired: 4/4/2019 23:47:29 Type: Unk
 Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-3D Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 21.723
 Stddev 6.722
 %RSD 30.945

#1 14.034
 #2 24.645
 #3 26.489

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3976.9	74842.	7115.6	103.39	5249.4
Stddev	2.1	220.	55.1	.33	7.8
%RSD	.05189	.29453	.77446	.31880	.14910

#1	3977.0	74598.	7055.5	103.20	5250.8
#2	3974.8	74900.	7127.4	103.19	5240.9
#3	3978.9	75027.	7163.8	103.77	5256.4

Sample Name: K2257-08 Acquired: 4/4/2019 23:52:07 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SP-1-A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00046	-.00391	.00153	.00262	-.00137	.18907	.20493	.00001
Stddev	.00174	.00037	.00144	.00190	.00073	.00270	.00215	.00007
%RSD	378.34	9.5363	93.688	72.575	53.581	1.4294	1.0485	516.92

#1	-.00183	-.00417	.00288	.00094	-.00195	.19000	.20247	.00009
#2	-.00106	-.00349	.00002	.00224	-.00163	.19119	.20592	-.00000
#3	.00150	-.00408	.00171	.00468	-.00054	.18603	.20641	-.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00025	7.8695	.00146	.00395	.00029	.01023	.14521	3.7318
Stddev	.00005	.0292	.00031	.00014	.00034	.00051	.00162	.0631
%RSD	20.159	.37091	21.026	3.6252	117.61	5.0231	1.1125	1.6897

#1	.00028	7.8698	.00121	.00379	.00066	.01082	.14339	3.6600
#2	.00028	7.8402	.00136	.00406	-.00002	.00998	.14577	3.7782
#3	.00019	7.8985	.00180	.00399	.00023	.00989	.14647	3.7573

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00574	.00061	342.75	.00045	.10319	1.1492	-.00005	.01143
Stddev	.00016	.00025	3.89	.00044	.00027	.0544	.00018	.00977
%RSD	2.8139	41.369	1.1337	96.163	.26508	4.7376	345.19	85.458

#1	.00577	.00080	341.07	.00018	.10332	1.1100	-.00025	.01929
#2	.00556	.00072	347.19	.00022	.10287	1.2114	.00010	.00049
#3	.00588	.00032	339.99	.00096	.10336	1.1262	-.00001	.01452

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.74574	.36829	-.00504	.00108	-.00561	.0005	.07500	1.3904
Stddev	.01008	.00399	.00091	.00151	.00073	.0008	.00026	.2072
%RSD	1.3520	1.0824	18.027	140.03	13.032	148.6	.34572	14.905

#1	.75379	.36415	-.00400	.00209	-.00593	-.0003	.07487	1.4561
#2	.74901	.37211	-.00545	.00180	-.00477	.0007	.07484	1.1582
#3	.73443	.36862	-.00567	-.00066	-.00612	.0012	.07530	1.5567

Sample Name: K2257-08 Acquired: 4/4/2019 23:52:07 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SP-1-A Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	19.963
Stddev	4.820
%RSD	24.144

#1	20.528
#2	14.885
#3	24.476

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3983.3	75217.	7181.8	102.78	5254.6
Stddev	5.4	255.	46.2	2.29	10.2
%RSD	.13656	.33916	.64272	2.2241	.19324

#1	3982.2	75457.	7130.9	100.15	5247.1
#2	3978.4	74949.	7193.7	103.94	5250.6
#3	3989.2	75244.	7220.9	104.26	5266.2

Sample Name: K2257-16 Acquired: 4/4/2019 23:56:42 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SP-1-B Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00096	-.00477	.00069	.00312	-.00066	.16397	.21714	.00002
Stddev	.00102	.00116	.00075	.00314	.00039	.01031	.00237	.00001
%RSD	106.36	24.434	109.20	100.78	58.883	6.2856	1.0892	61.564

#1	-.00148	-.00405	-.00016	.00105	-.00101	.15210	.21500	.00001
#2	.00022	-.00611	.00097	.00157	-.00071	.16912	.21968	.00002
#3	-.00160	-.00415	.00125	.00673	-.00025	.17068	.21675	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00022	7.5433	.00150	.00938	-.00031	-.00105	.23951	5.4645
Stddev	.00005	.0066	.00060	.00004	.00027	.00077	.00101	.0460
%RSD	21.943	.08770	40.368	.45809	86.788	73.127	.42114	.84106

#1	.00027	7.5411	.00086	.00935	-.00061	-.00021	.23902	5.4732
#2	.00021	7.5381	.00206	.00943	-.00018	-.00171	.24067	5.5055
#3	.00018	7.5508	.00158	.00937	-.00013	-.00124	.23884	5.4148

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00903	.00026	339.13	.00024	.09510	1.3797	-.00010	.02792
Stddev	.00023	.00039	2.21	.00032	.00060	.0391	.00015	.01256
%RSD	2.5581	154.21	.65236	131.91	.62603	2.8316	148.22	44.972

#1	.00920	.00054	339.08	.00060	.09443	1.3608	-.00025	.01423
#2	.00913	.00042	341.37	-.00002	.09532	1.4246	.00004	.03890
#3	.00877	-.00019	336.94	.00015	.09556	1.3536	-.00009	.03063

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2080	.58193	-.00532	-.00116	-.00554	-.0013	.08846	1.9418
Stddev	.0036	.01240	.00032	.00160	.00068	.0030	.00023	.5705
%RSD	.29426	2.1309	6.0009	138.47	12.281	226.0	.25986	29.378

#1	1.2044	.59536	-.00496	-.00217	-.00476	-.0002	.08858	1.2858
#2	1.2082	.57092	-.00554	.00069	-.00599	.0010	.08861	2.2173
#3	1.2115	.57951	-.00548	-.00199	-.00588	-.0048	.08820	2.3221

Sample Name: K2257-16 Acquired: 4/4/2019 23:56:42 Type: Unk
 Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SP-1-B Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	16.763
Stddev	2.640
%RSD	15.748

#1	15.153
#2	19.810
#3	15.328

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3936.1	74289.	7007.9	102.47	5188.6
Stddev	10.7	208.	69.3	1.30	14.0
%RSD	.27213	.28032	.98902	1.2659	.26961

#1	3948.4	74366.	6932.0	101.14	5202.9
#2	3929.4	74053.	7067.9	102.54	5175.0
#3	3930.4	74448.	7023.8	103.73	5187.8

Sample Name: K2257-24 Acquired: 4/5/2019 0:01:17 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SP-1-C Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00051	-.00399	.00049	.00477	-.00188	.15524	.18872	.00004
Stddev	.00009	.00025	.00059	.00331	.00142	.00814	.00046	.00007
%RSD	17.880	6.1740	119.78	69.408	75.436	5.2417	.24549	167.98

#1	-.00042	-.00407	-.00018	.00632	-.00335	.15320	.18850	-.00003
#2	-.00051	-.00371	.00091	.00097	-.00177	.16421	.18842	.00010
#3	-.00060	-.00419	.00075	.00703	-.00052	.14832	.18926	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	5.9120	.00141	.00578	.00007	-.00240	.13579	3.8207
Stddev	.00005	.0143	.00027	.00014	.00036	.00023	.00089	.0159
%RSD	41.421	.24154	19.195	2.3976	531.40	9.6336	.65731	.41571

#1	.00006	5.9034	.00137	.00563	.00041	-.00258	.13514	3.8366
#2	.00012	5.9041	.00116	.00581	-.00031	-.00248	.13541	3.8048
#3	.00015	5.9285	.00170	.00591	.00011	-.00214	.13681	3.8207

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00715	.00071	315.89	.00039	.08698	1.0242	-.00006	.01741
Stddev	.00014	.00052	3.74	.00002	.00014	.0470	.00015	.01683
%RSD	1.9423	73.917	1.1848	5.2040	.15815	4.5912	237.74	96.658

#1	.00731	.00081	311.58	.00037	.08700	.97179	.00001	.03339
#2	.00705	.00014	318.32	.00041	.08712	1.0379	.00004	-.00015
#3	.00710	.00117	317.76	.00039	.08684	1.0628	-.00023	.01899

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.83202	.34929	-.00572	.00114	-.00711	-.0005	.06476	1.6819
Stddev	.00760	.00440	.00063	.00067	.00048	.0008	.00014	.9328
%RSD	.91356	1.2590	11.106	58.652	6.7197	173.0	.21704	55.463

#1	.82431	.34469	-.00563	.00038	-.00764	.0001	.06488	1.9007
#2	.83950	.34973	-.00513	.00139	-.00672	-.0014	.06479	2.4858
#3	.83224	.35345	-.00639	.00164	-.00696	-.0001	.06461	.65910

Sample Name: K2257-24 Acquired: 4/5/2019 0:01:17 Type: Unk
 Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SP-1-C Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 17.216
 Stddev 5.804
 %RSD 33.715

#1 11.024
 #2 18.089
 #3 22.534

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3961.0	74874.	7015.7	102.28	5238.4
Stddev	10.6	100.	31.3	2.57	11.7
%RSD	.26844	.13323	.44606	2.5143	.22346

#1	3948.8	74766.	7004.8	102.58	5225.4
#2	3966.3	74962.	6991.3	99.567	5241.6
#3	3967.9	74895.	7051.0	104.68	5248.2

Sample Name: K2257-32 Acquired: 4/5/2019 0:05:52 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SP-1-D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00352	-.00394	.00838	.00283	-.00105	.17600	.16265	.00002
Stddev	.00137	.00044	.00084	.00213	.00045	.00398	.00132	.00005
%RSD	39.047	11.070	9.9818	75.033	43.169	2.2621	.81043	246.72

#1	-.00194	-.00440	.00808	.00474	-.00122	.17465	.16350	.00003
#2	-.00445	-.00387	.00773	.00054	-.00054	.18048	.16332	.00006
#3	-.00416	-.00354	.00932	.00322	-.00140	.17287	.16113	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00023	8.7600	.00172	.00868	.00030	.16641	.34999	5.7433
Stddev	.00007	.0445	.00020	.00023	.00035	.00082	.00143	.0224
%RSD	31.400	.50747	11.574	2.6916	115.70	.49510	.40844	.39023

#1	.00015	8.7087	.00177	.00851	.00045	.16547	.34928	5.7413
#2	.00026	8.7866	.00188	.00895	-.00010	.16674	.35163	5.7667
#3	.00030	8.7848	.00150	.00859	.00056	.16702	.34905	5.7221

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01033	.00078	348.08	.00012	.07191	1.5149	-.00023	.00689
Stddev	.00012	.00042	1.16	.00022	.00035	.0294	.00020	.00472
%RSD	1.1534	54.453	.33414	184.72	.48503	1.9395	86.257	68.490

#1	.01023	.00060	349.40	.00022	.07155	1.5278	-.00044	.00456
#2	.01029	.00047	347.21	.00028	.07224	1.4812	-.00020	.01231
#3	.01046	.00126	347.62	-.00013	.07195	1.5355	-.00005	.00378

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0146	.54848	-.00552	.00029	-.00508	.0014	.08979	2.1562
Stddev	.0014	.00797	.00082	.00060	.00137	.0018	.00020	.4720
%RSD	.13472	1.4530	14.915	210.49	27.059	128.8	.22259	21.890

#1	1.0148	.54165	-.00526	.00074	-.00649	-.0001	.08957	2.3873
#2	1.0158	.54655	-.00486	.00051	-.00375	.0008	.08996	2.4681
#3	1.0131	.55723	-.00644	-.00040	-.00499	.0034	.08983	1.6132

Sample Name: K2257-32 Acquired: 4/5/2019 0:05:52 Type: Unk
 Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SP-1-D Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 20.553
 Stddev 3.336
 %RSD 16.233

#1 18.122
 #2 24.357
 #3 19.180

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3924.6	74502.	6978.0	99.386	5171.7
Stddev	7.4	327.	20.5	1.344	16.1
%RSD	.18877	.43891	.29418	1.3525	.31213

#1	3919.6	74296.	7001.6	98.792	5169.9
#2	3921.1	74331.	6964.1	100.93	5156.6
#3	3933.1	74879.	6968.4	98.442	5188.7

Sample Name: K2257-33 Acquired: 4/5/2019 0:10:27 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RO-20 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00257	-.00355	.00095	.00388	-.00286	.02545	.10669	-.00011
Stddev	.00195	.00157	.00014	.00144	.00107	.00668	.00094	.00008
%RSD	75.651	44.148	14.315	37.002	37.383	26.250	.87738	72.855

#1	-.00034	-.00526	.00090	.00415	-.00331	.02791	.10654	-.00011
#2	-.00391	-.00219	.00085	.00233	-.00364	.03055	.10583	-.00019
#3	-.00347	-.00319	.00111	.00517	-.00164	.01789	.10769	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	170.81	.11917	-.00024	.00124	-.00058	-.00083	.10694
Stddev	.00008	.92	.00076	.00012	.00037	.00013	.00007	.01278
%RSD	89.601	.53691	.63999	49.340	29.964	22.883	8.0047	11.953

#1	-.00015	170.98	.12001	-.00029	.00097	-.00058	-.00076	.09738
#2	.00000	171.63	.11851	-.00032	.00110	-.00072	-.00090	.12146
#3	-.00011	169.82	.11901	-.00010	.00167	-.00045	-.00084	.10198

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00219	-.00010	345.37	.01885	.00353	5.2423	.01149	.02679
Stddev	.00012	.00026	2.94	.00014	.00005	.0591	.00020	.00435
%RSD	5.6317	246.12	.85082	.74882	1.4259	1.1266	1.7834	16.222

#1	-.00216	-.00036	346.11	.01886	.00359	5.2636	.01153	.02354
#2	-.00209	.00015	342.14	.01899	.00350	5.1755	.01126	.02511
#3	-.00233	-.00011	347.88	.01871	.00352	5.2878	.01167	.03173

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.1584	3.4861	-.00568	-.00418	.00484	.0154	.29676	4.0435
Stddev	.0129	.0414	.00034	.00130	.00172	.0014	.00170	.6984
%RSD	.30914	1.1863	5.9539	31.175	35.528	9.419	.57123	17.273

#1	4.1474	3.5113	-.00607	-.00331	.00286	.0160	.29712	3.7600
#2	4.1552	3.5086	-.00552	-.00568	.00585	.0164	.29824	4.8391
#3	4.1725	3.4384	-.00545	-.00355	.00583	.0137	.29491	3.5313

Sample Name: K2257-33 Acquired: 4/5/2019 0:10:27 Type: Unk
 Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RO-20 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	27.711
Stddev	3.215
%RSD	11.601

#1	24.939
#2	26.958
#3	31.235

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3803.0	72334.	6862.2	98.679	5030.0
Stddev	6.4	228.	62.0	1.042	5.1
%RSD	.16744	.31464	.90314	1.0560	.10162

#1	3807.8	72271.	6820.1	98.287	5035.9
#2	3805.5	72587.	6833.1	99.860	5027.3
#3	3795.8	72145.	6933.4	97.890	5026.7

Sample Name: K2258-03 Acquired: 4/5/2019 0:15:02 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: STONE Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00103	-.00323	.00128	.00246	-.00081	.27922	.04860	-.00002
Stddev	.00036	.00057	.00023	.00102	.00054	.00552	.00054	.00002
%RSD	34.461	17.499	17.878	41.359	66.139	1.9781	1.1035	111.90

#1	-.00095	-.00366	.00106	.00206	-.00134	.27286	.04821	.00000
#2	-.00142	-.00345	.00151	.00361	-.00027	.28191	.04921	-.00003
#3	-.00072	-.00259	.00127	.00170	-.00083	.28287	.04838	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	3.5741	.00197	.00303	.00699	.44182	.07254	.27606
Stddev	.00004	.0089	.00005	.00006	.00023	.00313	.00037	.02563
%RSD	40.473	.24885	2.3436	2.0152	3.2660	.70756	.50613	9.2830

#1	.00006	3.5785	.00202	.00309	.00724	.43866	.07232	.25147
#2	.00011	3.5799	.00195	.00304	.00679	.44190	.07234	.30261
#3	.00014	3.5638	.00193	.00297	.00695	.44491	.07297	.27410

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00463	.00080	369.23	.00045	.06765	1.5300	.00006	-.00330
Stddev	.00030	.00008	4.55	.00048	.00034	.0327	.00035	.00511
%RSD	6.4786	10.149	1.2309	105.25	.50918	2.1399	612.65	154.82

#1	.00462	.00072	373.34	.00015	.06784	1.5100	.00031	-.00584
#2	.00493	.00088	370.01	.00020	.06786	1.5678	.00021	.00258
#3	.00433	.00078	364.35	.00100	.06725	1.5123	-.00035	-.00663

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08876	.68537	-.00564	.00278	-.00720	.0052	.00612	1.8705
Stddev	.00115	.00312	.00053	.00160	.00152	.0005	.00005	.3819
%RSD	1.2912	.45461	9.4780	57.346	21.113	9.148	.78082	20.417

#1	.08748	.68885	-.00580	.00236	-.00886	.0052	.00608	1.8345
#2	.08969	.68440	-.00505	.00144	-.00588	.0047	.00610	2.2692
#3	.08912	.68285	-.00608	.00455	-.00685	.0056	.00617	1.5079

Sample Name: K2258-03 Acquired: 4/5/2019 0:15:02 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: STONE Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	17.165
Stddev	1.978
%RSD	11.525

#1	19.442
#2	16.192
#3	15.862

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3941.8	73951.	6968.6	100.73	5219.1
Stddev	9.8	50.	38.2	.21	8.4
%RSD	.24754	.06694	.54856	.20803	.16087

#1	3932.7	73895.	6924.5	100.66	5217.7
#2	3940.6	73969.	6989.7	100.57	5211.6
#3	3952.1	73989.	6991.7	100.97	5228.2

Sample Name: CCV13 Acquired: 4/5/2019 0:19:37 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB8110 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0004	5.0932	5.0567	5.1348	5.1518	10.083	9.9075	.25156
Stddev	.0112	.0058	.0052	.0206	.0160	.028	.0776	.00070
%RSD	.22467	.11409	.10350	.40126	.31139	.27469	.78374	.27998
#1	4.9998	5.0967	5.0592	5.1333	5.1648	10.052	9.8243	.25195
#2	5.0119	5.0964	5.0602	5.1561	5.1567	10.094	9.9780	.25074
#3	4.9895	5.0865	5.0507	5.1150	5.1338	10.104	9.9201	.25198
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6122	26.520	1.0387	2.5362	1.2527	5.0423	2.5663	25.104
Stddev	.0023	.092	.0017	.0038	.0044	.0073	.0086	.246
%RSD	.08796	.34530	.16501	.14980	.35271	.14480	.33673	.98154
#1	2.6146	26.457	1.0394	2.5344	1.2573	5.0479	2.5700	24.829
#2	2.6119	26.478	1.0368	2.5406	1.2523	5.0341	2.5724	25.177
#3	2.6101	26.625	1.0400	2.5337	1.2485	5.0451	2.5564	25.305
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5269	1.2719	24.068	2.5451	2.5281	24.784	5.1402	4.9903
Stddev	.0041	.0021	.153	.0022	.0033	.080	.0151	.0236
%RSD	.16137	.16398	.63360	.08513	.13191	.32192	.29361	.47365
#1	2.5313	1.2733	23.950	2.5437	2.5283	24.810	5.1531	4.9637
#2	2.5231	1.2695	24.240	2.5440	2.5313	24.847	5.1438	4.9984
#3	2.5264	1.2728	24.015	2.5476	2.5246	24.694	5.1236	5.0089
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9711	5.1802	5.0866	5.1685	5.0660	5.027	5.1958	F 1.6458
Stddev	.0114	.0271	.0114	.0011	.0316	.011	.0217	.6315
%RSD	.22903	.52248	.22380	.02082	.62451	.2219	.41757	38.371
#1	4.9595	5.2099	5.0933	5.1673	5.0985	5.029	5.2153	1.7099
#2	4.9714	5.1569	5.0931	5.1687	5.0641	5.036	5.1997	.98464
#3	4.9823	5.1738	5.0735	5.1695	5.0353	5.014	5.1724	2.2427

Sample Name: CCV13 Acquired: 4/5/2019 0:19:37 Type: Unk
 Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB8110 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 18.533
Stddev	3.106
%RSD	16.758

#1	14.947
#2	20.298
#3	20.354

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4012.7	75379.	6842.9	97.228	5343.4
Stddev	13.1	155.	30.8	1.183	9.8
%RSD	.32599	.20497	.45037	1.2165	.18370

#1	4006.1	75399.	6810.5	98.350	5338.8
#2	4004.2	75215.	6846.4	95.993	5336.9
#3	4027.8	75523.	6871.8	97.342	5354.7

Sample Name: CCB13 Acquired: 4/5/2019 0:23:45 Type: Unk
Method: P4-ICP2(v3020) 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	-.00008	-.00217	.00005	.00063	.00104	.00911	.00177
Stddev	.00163	.00087	.00066	.00091	.00124	.01026	.00009
%RSD	1976.1	39.903	1403.9	143.50	119.73	112.64	5.3409

#1	.00180	-.00297	.00067	.00169	.00223	.00530	.00188
#2	-.00112	-.00228	.00011	.00016	-.00025	.02072	.00170
#3	-.00093	-.00125	-.00064	.00006	.00112	.00130	.00173

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	.00009	-.00483	.00037	.00018	.00001	.00463
Stddev	.00007	.00002	.00517	.00024	.00005	.00035	.00013
%RSD	130.11	20.899	107.12	65.672	29.442	3085.6	2.7418

#1	-.00010	.00008	-.00787	.00011	.00019	-.00011	.00450
#2	-.00007	.00012	-.00775	.00040	.00023	-.00026	.00475
#3	.00002	.00008	.00114	.00060	.00012	.00041	.00465

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00018	.02550	.00008	.00092	-.02660	.00081	-.00012
Stddev	.00004	.03563	.00029	.00037	.00164	.00019	.00005
%RSD	21.082	139.75	343.83	39.690	6.1699	23.106	43.407

#1	-.00022	.03750	.00010	.00071	-.02471	.00099	-.00007
#2	-.00015	.05358	-.00021	.00135	-.02753	.00062	-.00011
#3	-.00018	-.01459	.00036	.00072	-.02756	.00083	-.00018

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11536	.00036	-.00830	-.00765	-.00335	-.00334	.00043
Stddev	.02762	.00049	.00725	.00351	.00128	.00081	.00044
%RSD	23.944	136.29	87.405	45.869	38.224	24.221	101.03

#1	.14123	.00089	-.00798	-.00627	-.00235	-.00252	.00050
#2	.08627	.00027	-.01570	-.00505	-.00292	-.00335	.00084
#3	.11859	-.00008	-.00121	-.01164	-.00480	-.00414	-.00003

Sample Name: CCB13 Acquired: 4/5/2019 0:23:45 Type: Unk
Method: P4-ICP2(v3020) 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	-.00599	.0023	.00014	F<.00000	F 8.3378
Stddev	.00088	.0010	.00001	.79471	4.2050
%RSD	14.709	41.43	6.6910	39.810	50.434
#1	-.00622	.0034	.00015	-1.4830	11.281
#2	-.00674	.0016	.00013	-2.9117	3.5217
#3	-.00502	.0019	.00014	-1.5941	10.211
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4177.0	78030.	6929.8	102.45	5964.1
Stddev	4.3	300.	30.2	1.85	4.3
%RSD	.10383	.38433	.43615	1.8066	.07247
#1	4178.0	77738.	6895.0	103.03	5968.9
#2	4172.3	78015.	6944.7	103.95	5960.4
#3	4180.8	78337.	6949.8	100.38	5963.0

Sample Name: K2228-06 Acquired: 4/5/2019 0:28:15 Type: Unk
 Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-16(7-8) Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00224	-.00414	.00376	.00157	-.00218	-.01152	.18236	-.00012
Stddev	.00139	.00041	.00100	.00300	.00090	.01287	.00136	.00006
%RSD	61.935	9.9012	26.650	191.82	41.293	111.66	.74729	50.488

#1	-.00344	-.00458	.00454	.00337	-.00282	.00333	.18130	-.00018
#2	-.00072	-.00377	.00263	.00323	-.00115	-.01869	.18187	-.00006
#3	-.00256	-.00407	.00412	-.00190	-.00256	-.01921	.18390	-.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	214.13	.00149	-.00009	.00631	-.00997	.04264	4.2318
Stddev	.00007	.31	.00025	.00037	.00035	.00060	.00040	.0237
%RSD	368.60	.14387	17.026	396.65	5.4762	6.0589	.93820	.56001

#1	.00010	214.20	.00156	-.00038	.00652	-.01000	.04306	4.2457
#2	-.00002	213.79	.00170	.00032	.00650	-.01056	.04226	4.2453
#3	-.00003	214.39	.00121	-.00022	.00591	-.00935	.04259	4.2044

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00032	.00042	335.70	.00170	.04687	1.9339	.00219	.02788
Stddev	.00073	.00028	3.93	.00046	.00008	.0537	.00045	.00445
%RSD	230.50	66.504	1.1710	26.843	.16678	2.7749	20.304	15.980

#1	-.00053	.00010	339.69	.00122	.04680	1.8922	.00258	.02887
#2	.00075	.00064	331.83	.00213	.04695	1.9150	.00171	.03175
#3	.00073	.00053	335.58	.00176	.04686	1.9944	.00230	.02301

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.3169	6.1062	-.00599	-.00489	.00694	.0406	.62314	4.8597
Stddev	.0249	.0475	.00056	.00194	.00147	.0013	.00223	.7353
%RSD	.57587	.77827	9.3997	39.587	21.244	3.297	.35772	15.130

#1	4.3337	6.1608	-.00647	-.00530	.00606	.0395	.62562	4.0187
#2	4.3286	6.0832	-.00537	-.00278	.00611	.0404	.62132	5.1792
#3	4.2883	6.0745	-.00613	-.00659	.00864	.0421	.62248	5.3812

Sample Name: K2228-06 Acquired: 4/5/2019 0:28:15 Type: Unk
 Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-16(7-8) Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	33.892
Stddev	2.470
%RSD	7.2869

#1	33.343
#2	31.743
#3	36.590

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3785.2	72333.	6827.1	99.538	5022.5
Stddev	10.8	212.	52.4	.997	14.6
%RSD	.28662	.29337	.76726	1.0014	.29036

#1	3773.5	72228.	6767.2	99.055	5005.9
#2	3787.2	72577.	6864.3	100.68	5028.1
#3	3794.9	72194.	6849.9	98.874	5033.5

Sample Name: K2228-07 Acquired: 4/5/2019 0:32:48 Type: Unk
Method: P4-ICP2(v3020) 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	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00123	-.00566	.01766	.00230	-.00247	-.00527	.18096	-.00002
Stddev	.00184	.00018	.00066	.00209	.00040	.00468	.00040	.00006
%RSD	149.86	3.2015	3.7136	90.895	16.160	88.811	.22073	350.38

#1	-.00317	-.00561	.01840	.00207	-.00223	-.00994	.18109	.00005
#2	.00048	-.00551	.01746	.00033	-.00225	-.00058	.18128	-.00006
#3	-.00099	-.00586	.01714	.00448	-.00293	-.00528	.18051	-.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	197.22	.00117	.00385	.00185	.01437	.95200	6.3063
Stddev	.00001	.82	.00021	.00014	.00007	.00034	.00347	.0466
%RSD	35.289	.41334	17.552	3.5121	3.5684	2.3579	.36402	.73956

#1	.00001	196.61	.00135	.00383	.00188	.01404	.95189	6.2787
#2	.00002	196.90	.00122	.00399	.00178	.01472	.94859	6.2802
#3	.00002	198.14	.00095	.00372	.00190	.01437	.95552	6.3602

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01536	.00048	360.79	.00032	.13130	1.7565	.00159	.02978
Stddev	.00035	.00045	.91	.00003	.00046	.0187	.00012	.00878
%RSD	2.2817	93.538	.25343	7.9575	.35188	1.0638	7.4093	29.482

#1	.01522	.00096	361.21	.00029	.13113	1.7399	.00168	.02227
#2	.01510	.00041	359.74	.00034	.13182	1.7529	.00145	.03944
#3	.01576	.00007	361.41	.00033	.13095	1.7767	.00162	.02764

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.9183	.79386	-.00679	-.00367	.00823	.0112	.64503	4.2621
Stddev	.0392	.00122	.00033	.00091	.00268	.0012	.00263	.3905
%RSD	.66207	.15342	4.8031	24.870	32.568	10.69	.40790	9.1626

#1	5.8774	.79257	-.00653	-.00443	.00571	.0118	.64422	3.9232
#2	5.9555	.79499	-.00716	-.00266	.00793	.0098	.64290	4.1738
#3	5.9221	.79401	-.00668	-.00393	.01104	.0119	.64797	4.6891

Sample Name: K2228-07 Acquired: 4/5/2019 0:32:48 Type: Unk
 Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-18(11-12) Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	31.893
Stddev	3.845
%RSD	12.056

#1	35.044
#2	33.025
#3	27.609

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3779.3	72181.	6882.8	99.820	4996.6
Stddev	7.0	96.	26.8	1.645	3.0
%RSD	.18434	.13328	.38872	1.6483	.06034

#1	3771.9	72095.	6874.7	98.007	4993.3
#2	3785.7	72285.	6912.7	100.24	4999.3
#3	3780.5	72164.	6861.1	101.22	4997.1

Sample Name: K2228-08 Acquired: 4/5/2019 0:37:21 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-8(9-10) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00057	-.00530	.04258	.00429	.00180	-.01229	.48438	-.00012
Stddev	.00072	.00089	.00121	.00350	.00123	.00908	.00256	.00004
%RSD	125.62	16.799	2.8508	81.537	68.270	73.932	.52753	33.270

#1	-.00006	-.00563	.04398	.00229	.00232	-.02275	.48228	-.00009
#2	-.00139	-.00430	.04189	.00833	.00040	-.00643	.48723	-.00010
#3	-.00026	-.00599	.04187	.00226	.00267	-.00768	.48363	-.00016

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	216.24	.00055	.00615	.00147	.04636	.89051	5.7826
Stddev	.00001	1.55	.00035	.00018	.00024	.00027	.00432	.0441
%RSD	24.150	.71757	65.007	2.9285	15.988	.58182	.48471	.76322

#1	.00003	215.45	.00023	.00627	.00154	.04605	.88790	5.8008
#2	.00003	215.25	.00093	.00594	.00167	.04652	.88814	5.7323
#3	.00002	218.03	.00048	.00623	.00121	.04652	.89549	5.8148

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01103	.00082	369.71	.00143	.17626	6.1307	.00368	.01555
Stddev	.00009	.00020	2.23	.00068	.00030	.0359	.00004	.01273
%RSD	.85338	25.043	.60266	47.466	.17214	.58548	1.1498	81.887

#1	.01113	.00064	368.74	.00222	.17657	6.1034	.00369	.02070
#2	.01094	.00077	368.14	.00100	.17596	6.1714	.00364	.00105
#3	.01102	.00104	372.26	.00109	.17625	6.1173	.00372	.02490

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.9912	3.7527	-.00552	-.00523	.00985	.0049	.54076	4.8451
Stddev	.0206	.0330	.00027	.00090	.00083	.0016	.00306	.5408
%RSD	.68848	.87841	4.8515	17.192	8.3814	32.13	.56591	11.162

#1	3.0125	3.7522	-.00524	-.00474	.00969	.0041	.53971	5.1931
#2	2.9713	3.7200	-.00554	-.00626	.00912	.0039	.53836	5.1201
#3	2.9899	3.7859	-.00578	-.00468	.01075	.0067	.54420	4.2220

Sample Name: K2228-08 Acquired: 4/5/2019 0:37:21 Type: Unk
 Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-8(9-10) Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 36.475
 Stddev 1.777
 %RSD 4.8723

#1 34.475
 #2 37.076
 #3 37.873

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3770.7	71509.	6800.8	97.643	4970.2
Stddev	15.9	258.	61.9	.458	6.0
%RSD	.42226	.36104	.91012	.46876	.11981

#1	3762.3	71263.	6773.8	97.950	4963.9
#2	3760.7	71778.	6871.6	97.117	4970.9
#3	3789.1	71487.	6757.0	97.862	4975.8

Sample Name: K2228-09 Acquired: 4/5/2019 0:41:53 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-8(14-15) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00029	-.00493	.00699	.00585	-.00166	-.01167	.19648	-.00010
Stddev	.00186	.00030	.00057	.00261	.00085	.00274	.00157	.00003
%RSD	640.69	6.0525	8.0978	44.679	51.166	23.470	.79876	25.000

#1	-.00200	-.00518	.00755	.00545	-.00154	-.01433	.19488	-.00013
#2	.00169	-.00460	.00642	.00346	-.00257	-.01182	.19655	-.00008
#3	-.00056	-.00501	.00700	.00864	-.00088	-.00886	.19802	-.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	181.30	.00068	.00425	.00170	.51733	.86452	5.0103
Stddev	.00005	1.43	.00056	.00032	.00026	.00305	.00191	.0852
%RSD	73.703	.78869	82.299	7.4134	15.494	.58940	.22136	1.7001

#1	.00004	179.73	.00119	.00453	.00146	.51488	.86564	4.9386
#2	.00003	182.52	.00008	.00432	.00198	.52075	.86231	4.9879
#3	.00012	181.66	.00077	.00391	.00166	.51637	.86561	5.1045

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00524	.00055	307.10	-.00028	.09451	3.0967	.00586	.02562
Stddev	.00012	.00035	.37	.00016	.00052	.0473	.00020	.01523
%RSD	2.3793	62.525	.12067	55.065	.55473	1.5279	3.4796	59.430

#1	.00538	.00059	306.72	-.00033	.09491	3.0674	.00604	.04311
#2	.00517	.00088	307.46	-.00011	.09391	3.0714	.00564	.01534
#3	.00516	.00019	307.14	-.00041	.09470	3.1513	.00591	.01841

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.8904	1.0388	-.00660	-.00349	.00812	.0133	.41469	3.2626
Stddev	.0044	.0131	.00040	.00118	.00062	.0013	.00331	.3017
%RSD	.05600	1.2563	6.1160	33.804	7.6050	9.813	.79904	9.2461

#1	7.8938	1.0264	-.00620	-.00477	.00743	.0148	.41087	3.4339
#2	7.8920	1.0524	-.00659	-.00324	.00861	.0123	.41671	3.4397
#3	7.8854	1.0375	-.00701	-.00245	.00832	.0129	.41650	2.9143

Sample Name: K2228-09 Acquired: 4/5/2019 0:41:53 Type: Unk
 Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-8(14-15) Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 30.752
 Stddev 6.665
 %RSD 21.674

#1 34.215
 #2 34.972
 #3 23.068

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3832.8	72750.	6851.0	98.524	5090.2
Stddev	7.9	123.	37.2	.908	12.2
%RSD	.20685	.16930	.54253	.92192	.23929

#1	3825.2	72636.	6868.6	98.822	5077.2
#2	3841.0	72880.	6808.3	97.504	5101.3
#3	3832.3	72733.	6876.1	99.246	5092.1

Sample Name: K2228-10 Acquired: 4/5/2019 0:46:25 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-9(7-8) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00417	-.00390	3.8323	.00287	-.00129	.01980	.20134	.00003
Stddev	.00265	.00087	.0126	.00194	.00047	.01009	.00132	.00006
%RSD	63.532	22.423	.32817	67.711	36.417	50.937	.65459	230.67

#1	-.00177	-.00339	3.8179	.00317	-.00108	.01165	.20065	.00008
#2	-.00701	-.00340	3.8379	.00464	-.00095	.03108	.20051	.00004
#3	-.00373	-.00491	3.8411	.00079	-.00182	.01666	.20286	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00072	93.158	-.00124	.02069	.00632	.22564	.89377	4.1590
Stddev	.00007	.205	.00032	.00020	.00029	.00092	.00322	.0285
%RSD	9.4807	.21981	26.139	.98208	4.6538	.40903	.36002	.68443

#1	.00079	93.278	-.00130	.02059	.00625	.22538	.89048	4.1408
#2	.00065	93.275	-.00089	.02055	.00664	.22487	.89391	4.1918
#3	.00071	92.922	-.00153	.02092	.00607	.22666	.89691	4.1444

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03202	.00058	302.45	-.00074	2.0099	3.0469	-.00047	.04002
Stddev	.00032	.00037	.58	.00026	.0064	.0289	.00014	.01472
%RSD	1.0073	62.940	.19160	35.448	.31782	.94711	30.757	36.787

#1	.03170	.00066	301.82	-.00104	2.0025	3.0723	-.00034	.02956
#2	.03234	.00090	302.95	-.00054	2.0141	3.0155	-.00044	.05686
#3	.03201	.00018	302.59	-.00065	2.0131	3.0530	-.00062	.03366

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.3500	1.0689	-.00554	-.00333	.00407	.0154	.21459	2.6684
Stddev	.0096	.0093	.00025	.00070	.00089	.0018	.00049	.3647
%RSD	.28690	.86811	4.5841	20.904	21.890	11.54	.22955	13.667

#1	3.3404	1.0640	-.00582	-.00397	.00323	.0173	.21513	3.0672
#2	3.3500	1.0796	-.00532	-.00259	.00397	.0152	.21448	2.3518
#3	3.3597	1.0631	-.00547	-.00343	.00501	.0137	.21416	2.5862

Sample Name: K2228-10 Acquired: 4/5/2019 0:46:25 Type: Unk
 Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-9(7-8) Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	24.142
Stddev	1.699
%RSD	7.0377

#1	24.362
#2	22.344
#3	25.720

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3881.1	73671.	6944.5	100.77	5171.2
Stddev	5.8	249.	21.5	1.10	5.4
%RSD	.14918	.33755	.30898	1.0881	.10483

#1	3883.3	73675.	6933.5	101.95	5173.1
#2	3874.5	73918.	6930.8	100.59	5165.0
#3	3885.4	73420.	6969.2	99.779	5175.3

Sample Name: K2228-11 Acquired: 4/5/2019 0:50:55 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-14(9-11) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01739	-.00353	.00723	.00545	-.00150	.03904	.16772	-.00013
Stddev	.00208	.00117	.00114	.00092	.00168	.00202	.00049	.00005
%RSD	11.934	33.072	15.776	16.842	112.11	5.1802	.29482	34.973

#1	.01637	-.00220	.00646	.00525	-.00043	.03836	.16818	-.00017
#2	.01978	-.00435	.00669	.00466	-.00343	.04131	.16720	-.00014
#3	.01602	-.00405	.00854	.00646	-.00063	.03744	.16777	-.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00052	24.238	.00129	.00993	.01400	.19835	.09964	.97091
Stddev	.00003	.108	.00030	.00021	.00027	.00157	.00020	.03004
%RSD	5.5749	.44404	23.241	2.1353	1.9642	.79333	.20112	3.0942

#1	.00054	24.190	.00136	.00986	.01431	.19962	.09987	.97625
#2	.00049	24.163	.00155	.00977	.01382	.19884	.09948	.93856
#3	.00054	24.362	.00096	.01017	.01385	.19659	.09957	.99792

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02640	.00047	341.39	.00178	.22137	1.0557	.00040	.01846
Stddev	.00015	.00052	2.46	.00043	.00119	.0405	.00007	.00892
%RSD	.56644	110.89	.72031	24.440	.53868	3.8406	16.979	48.314

#1	.02657	.00093	339.87	.00139	.22259	1.0166	.00034	.02683
#2	.02630	.00059	344.23	.00170	.22021	1.0976	.00048	.01945
#3	.02632	-.00010	340.07	.00225	.22130	1.0528	.00038	.00908

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.74260	.37872	-.00488	.00085	-.00541	.2375	.09161	1.3845
Stddev	.00394	.00325	.00071	.00117	.00042	.0021	.00024	.3901
%RSD	.53107	.85904	14.503	138.00	7.7084	.8767	.26122	28.174

#1	.74606	.37687	-.00407	-.00024	-.00589	.2398	.09157	1.7069
#2	.73830	.38248	-.00539	.00210	-.00513	.2359	.09187	1.4956
#3	.74344	.37682	-.00519	.00069	-.00521	.2367	.09140	.95087

Sample Name: K2228-11 Acquired: 4/5/2019 0:50:55 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-14(9-11) Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 24.519
Stddev 2.403
%RSD 9.8023

#1 23.793
#2 27.202
#3 22.562

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3917.0	73599.	6901.7	100.30	5207.3
Stddev	14.6	169.	7.7	2.40	25.7
%RSD	.37390	.23011	.11111	2.3948	.49407

#1	3900.5	73432.	6901.7	99.042	5177.9
#2	3928.5	73771.	6894.1	103.07	5225.6
#3	3922.0	73593.	6909.4	98.783	5218.4

Sample Name: K2228-12 Acquired: 4/5/2019 0:55:29 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-14(13-15) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00265	-.00459	.00342	.00425	.00004	1.5507	.30190	.00003
Stddev	.00135	.00043	.00064	.00246	.00094	.0025	.00286	.00010
%RSD	50.822	9.2782	18.709	57.933	2358.7	.16111	.94670	283.25

#1	-.00220	-.00506	.00416	.00182	-.00024	1.5503	.30516	.00009
#2	-.00159	-.00422	.00306	.00674	-.00072	1.5483	.29986	.00009
#3	-.00416	-.00449	.00304	.00417	.00109	1.5533	.30066	-.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	10.111	.00495	.00143	.00156	.87188	.04455	5.1200
Stddev	.00002	.048	.00023	.00008	.00020	.00660	.00036	.0080
%RSD	40.879	.47377	4.6113	5.8626	12.626	.75716	.80526	.15682

#1	-.00003	10.160	.00485	.00136	.00177	.87417	.04460	5.1266
#2	-.00005	10.109	.00521	.00152	.00152	.87702	.04488	5.1224
#3	-.00007	10.064	.00479	.00140	.00138	.86443	.04416	5.1110

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00358	.00050	285.76	.00348	.29241	3.4048	.00215	.15062
Stddev	.00007	.00063	3.27	.00037	.00163	.0094	.00022	.00320
%RSD	1.8361	126.92	1.1448	10.733	.55576	.27578	10.421	2.1242

#1	.00351	.00084	283.12	.00390	.29272	3.4136	.00197	.14693
#2	.00364	-.00023	289.42	.00334	.29385	3.3949	.00208	.15222
#3	.00359	.00088	284.75	.00320	.29065	3.4059	.00240	.15269

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6107	1.3142	-.00645	.04232	.00449	.0834	.07334	<.00000
Stddev	.0468	.0149	.00014	.00067	.00167	.0008	.00009	.81383
%RSD	1.0153	1.1313	2.1670	1.5878	37.229	1.006	.12947	1294.5

#1	4.6074	1.3269	-.00650	.04303	.00286	.0829	.07335	.45461
#2	4.6591	1.3177	-.00629	.04222	.00620	.0843	.07342	-1.0009
#3	4.5656	1.2978	-.00656	.04170	.00441	.0828	.07323	.35771

Sample Name: K2228-12 Acquired: 4/5/2019 0:55:29 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-14(13-15) Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	24.322
Stddev	5.635
%RSD	23.167

#1	24.429
#2	29.903
#3	18.635

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4024.8	75619.	7152.9	104.13	5412.4
Stddev	10.6	131.	44.5	2.22	12.6
%RSD	.26332	.17325	.62259	2.1355	.23331

#1	4015.5	75505.	7102.7	101.67	5406.0
#2	4022.5	75762.	7187.5	105.99	5404.3
#3	4036.3	75592.	7168.6	104.72	5427.0

Sample Name: K2228-13 Acquired: 4/5/2019 1:00:01 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-15(1-2) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00083	-.00488	.04622	.00678	-.00319	-.00632	.02539	-.00006
Stddev	.00143	.00217	.00070	.00192	.00092	.00521	.00014	.00007
%RSD	171.72	44.366	1.5228	28.387	28.925	82.518	.55940	109.73
#1	-.00186	-.00676	.04702	.00769	-.00234	-.00167	.02530	-.00002
#2	-.00144	-.00251	.04570	.00457	-.00305	-.00533	.02556	-.00014
#3	.00080	-.00538	.04593	.00807	-.00417	-.01196	.02532	-.00003
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	222.59	.00132	.00098	.00322	-.00096	.11151	9.1783
Stddev	.00005	.90	.00036	.00009	.00029	.00053	.00039	.1032
%RSD	49.389	.40466	26.931	8.9658	9.1123	54.916	.34978	1.1240
#1	.00011	222.48	.00169	.00088	.00288	-.00069	.11188	9.0965
#2	.00012	221.75	.00130	.00103	.00344	-.00157	.11110	9.1442
#3	.00004	223.54	.00098	.00103	.00333	-.00063	.11155	9.2942
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00534	.00015	337.41	.00072	.08755	2.6382	.00010	.02944
Stddev	.00016	.00024	.40	.00028	.00025	.0303	.00014	.00722
%RSD	2.9442	158.11	.11931	38.896	.28717	1.1488	145.30	24.516
#1	.00518	.00030	337.71	.00041	.08741	2.6095	-.00003	.03036
#2	.00550	-.00012	336.95	.00082	.08741	2.6351	.00025	.03616
#3	.00533	.00027	337.57	.00094	.08784	2.6699	.00007	.02181
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 101.39	.94071	-.04253	-.00594	.01425	.4390	.32630	2.7353
Stddev	.24	.00594	.00043	.00116	.00157	.0036	.00131	.1634
%RSD	.24029	.63098	1.0165	19.601	11.045	.8122	.40107	5.9747
#1	101.18	.94587	-.04241	-.00460	.01343	.4353	.32770	2.8065
#2	101.34	.94204	-.04217	-.00669	.01326	.4393	.32511	2.8510
#3	101.66	.93422	-.04301	-.00653	.01607	.4424	.32609	2.5483

Sample Name: K2228-13 Acquired: 4/5/2019 1:00:01 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-15(1-2) Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	30.847
Stddev	6.235
%RSD	20.212

#1	31.539
#2	24.295
#3	36.707

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3835.5	73121.	6893.5	100.59	5110.6
Stddev	5.1	124.	39.6	1.60	4.6
%RSD	.13293	.17003	.57399	1.5937	.09059

#1	3841.3	73063.	6848.2	99.020	5112.8
#2	3833.2	73036.	6921.4	100.52	5113.7
#3	3831.9	73264.	6911.0	102.22	5105.2

Sample Name: K2228-14 Acquired: 4/5/2019 1:04:33 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-15(6-7) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00310	-.00595	.11530	.00422	-.00173	.00321	.23574	-.00010
Stddev	.00144	.00064	.00048	.00163	.00094	.01514	.00030	.00005
%RSD	46.554	10.759	.41362	38.548	54.003	471.17	.12797	55.207

#1	-.00470	-.00626	.11573	.00576	-.00065	-.01381	.23597	-.00015
#2	-.00188	-.00521	.11479	.00252	-.00230	.00829	.23540	-.00004
#3	-.00272	-.00637	.11537	.00437	-.00225	.01516	.23584	-.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00019	174.39	.00064	.00946	.00124	.07662	1.1674	2.6257
Stddev	.00003	1.22	.00048	.00017	.00031	.00060	.0063	.0104
%RSD	14.899	.69707	74.736	1.8134	24.679	.78013	.54119	.39488

#1	.00021	173.55	.00041	.00930	.00159	.07593	1.1604	2.6174
#2	.00020	175.78	.00119	.00964	.00101	.07701	1.1691	2.6224
#3	.00016	173.82	.00032	.00944	.00113	.07692	1.1727	2.6373

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02408	.00053	320.09	-.00102	.20045	2.1545	.00176	.00534
Stddev	.00032	.00015	1.97	.00039	.00067	.0260	.00031	.01569
%RSD	1.3432	28.693	.61474	37.979	.33534	1.2056	17.629	293.65

#1	.02430	.00044	318.37	-.00137	.20094	2.1827	.00193	-.01039
#2	.02371	.00071	322.23	-.00109	.19968	2.1491	.00140	.02098
#3	.02422	.00045	319.66	-.00060	.20072	2.1316	.00195	.00544

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.8977	.82923	-.00607	-.00323	.00512	.0038	.30098	2.1572
Stddev	.0241	.00957	.00023	.00298	.00122	.0019	.00156	.8243
%RSD	.61762	1.1545	3.7616	92.215	23.761	48.92	.51994	38.212

#1	3.9148	.81892	-.00602	.00003	.00388	.0028	.30067	2.9444
#2	3.8702	.83093	-.00632	-.00581	.00518	.0060	.30267	2.2269
#3	3.9081	.83784	-.00587	-.00392	.00631	.0027	.29959	1.3003

Sample Name: K2228-14 Acquired: 4/5/2019 1:04:33 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-15(6-7) Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	32.216
Stddev	1.365
%RSD	4.2384

#1	32.888
#2	33.116
#3	30.645

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3859.7	72965.	6909.7	98.800	5113.4
Stddev	7.5	203.	41.2	1.746	14.3
%RSD	.19376	.27768	.59696	1.7675	.28020

#1	3858.9	73044.	6932.5	100.55	5103.9
#2	3867.5	72735.	6862.1	98.789	5129.8
#3	3852.7	73117.	6934.5	97.059	5106.3

Sample Name: K2228-15 Acquired: 4/5/2019 1:09:06 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-12(7-8) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01231	-.00489	.11246	.00648	-.00085	.01495	.27565	-.00007
Stddev	.00143	.00077	.00041	.00143	.00045	.00633	.00125	.00003
%RSD	11.642	15.665	.36463	22.103	52.871	42.378	.45229	36.462

#1	.01329	-.00459	.11266	.00671	-.00121	.00889	.27428	-.00004
#2	.01067	-.00576	.11199	.00495	-.00100	.02153	.27595	-.00009
#3	.01298	-.00431	.11273	.00778	-.00035	.01443	.27671	-.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00034	87.025	-.00016	.00654	.00921	10.330	.96529	2.0845
Stddev	.00008	.131	.00008	.00014	.00051	.019	.00332	.0248
%RSD	23.382	.15014	46.679	2.1737	5.5872	.18870	.34354	1.1918

#1	-.00039	87.163	-.00021	.00639	.00955	10.345	.96597	2.1027
#2	-.00038	86.903	-.00007	.00657	.00862	10.308	.96169	2.0562
#3	-.00025	87.009	-.00020	.00667	.00946	10.337	.96822	2.0945

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00818	.00040	314.23	.00011	.23338	1.9443	.00113	.01771
Stddev	.00012	.00044	1.00	.00043	.00015	.0293	.00028	.00734
%RSD	1.4588	110.79	.31718	392.94	.06320	1.5077	24.697	41.437

#1	.00813	.00018	315.18	-.00036	.23344	1.9561	.00099	.00990
#2	.00832	.00011	314.33	.00049	.23321	1.9110	.00094	.02447
#3	.00810	.00091	313.19	.00019	.23348	1.9659	.00145	.01875

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2269	.58520	-.00479	-.00140	.00191	.5206	.27716	2.7574
Stddev	.0093	.01183	.00040	.00132	.00076	.0031	.00117	.3869
%RSD	.75828	2.0217	8.2817	94.506	39.955	.6009	.42087	14.033

#1	1.2164	.59337	-.00434	-.00056	.00112	.5200	.27850	2.4031
#2	1.2304	.59059	-.00504	-.00071	.00264	.5179	.27661	2.6989
#3	1.2340	.57163	-.00501	-.00292	.00196	.5240	.27637	3.1703

Sample Name: K2228-15 Acquired: 4/5/2019 1:09:06 Type: Unk
 Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-12(7-8) Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	51.571
Stddev	2.254
%RSD	4.3700

#1	52.407
#2	53.287
#3	49.019

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3906.9	73575.	6948.1	101.84	5185.5
Stddev	7.7	217.	64.6	2.12	14.6
%RSD	.19836	.29544	.92969	2.0821	.28127

#1	3900.2	73471.	6881.0	101.58	5177.0
#2	3905.1	73825.	6953.4	99.854	5177.2
#3	3915.4	73430.	7009.9	104.07	5202.4

Sample Name: CCV14 Acquired: 4/5/2019 1:13:40 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8719	4.9666	4.9521	4.9961	5.0420	9.9711	9.7427
Stddev	.0131	.0207	.0057	.0058	.0074	.0697	.0469
%RSD	.26859	.41654	.11498	.11695	.14677	.69859	.48164

#1	4.8712	4.9898	4.9483	5.0029	5.0487	9.8969	9.7806
#2	4.8853	4.9598	4.9586	4.9924	5.0341	9.9813	9.6902
#3	4.8592	4.9501	4.9493	4.9931	5.0434	10.035	9.7573

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24692	2.5637	26.015	1.0280	2.4803	1.2211	4.9352
Stddev	.00114	.0019	.127	.0028	.0045	.0027	.0100
%RSD	.45977	.07287	.48635	.27483	.18238	.22484	.20313

#1	.24566	2.5657	25.988	1.0312	2.4753	1.2223	4.9393
#2	.24726	2.5632	26.153	1.0268	2.4840	1.2231	4.9237
#3	.24786	2.5621	25.905	1.0259	2.4817	1.2180	4.9425

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5281	24.691	2.4699	1.2543	23.879	2.4980	2.4688
Stddev	.0060	.038	.0006	.0028	.043	.0025	.0028
%RSD	.23781	.15554	.02347	.22143	.17832	.09885	.11189

#1	2.5349	24.662	2.4701	1.2541	23.850	2.5006	2.4659
#2	2.5258	24.676	2.4702	1.2516	23.928	2.4957	2.4713
#3	2.5236	24.734	2.4692	1.2572	23.860	2.4976	2.4693

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.390	5.0321	4.8981	4.8257	5.0253	4.9622	5.0448
Stddev	.051	.0067	.0151	.0197	.0260	.0041	.0043
%RSD	.20819	.13376	.30898	.40905	.51630	.08244	.08453

#1	24.448	5.0360	4.8814	4.8339	5.0481	4.9613	5.0490
#2	24.353	5.0360	4.9019	4.8400	5.0306	4.9667	5.0405
#3	24.368	5.0243	4.9109	4.8032	4.9971	4.9587	5.0448

Sample Name: CCV14 Acquired: 4/5/2019 1:13:40 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	4.9334	4.882	5.0707	F<.00000	F 21.877
Stddev	.0332	.012	.0318	.19086	4.548
%RSD	.67308	.2375	.62738	43.383	20.790
#1	4.9718	4.895	5.1058	-.49426	26.559
#2	4.9137	4.876	5.0623	-.59775	17.476
#3	4.9149	4.875	5.0439	-.22781	21.595
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4099.2	76501.	7013.7	100.48	5463.9
Stddev	7.9	217.	55.6	.92	12.0
%RSD	.19231	.28409	.79210	.91569	.21956
#1	4104.4	76251.	6949.8	101.42	5473.1
#2	4090.1	76648.	7041.0	99.580	5450.3
#3	4103.1	76603.	7050.4	100.44	5468.1

Sample Name: CCB14 Acquired: 4/5/2019 1:17:42 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA8108 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00085	-.00217	-.00056	.00166	-.00058	.00933	.00179
Stddev	.00117	.00076	.00055	.00082	.00066	.00412	.00026
%RSD	137.64	35.217	96.587	49.489	114.18	44.108	14.732

#1	-.00220	-.00242	-.00032	.00182	-.00126	.01245	.00179
#2	-.00031	-.00278	-.00018	.00077	.00006	.00467	.00206
#3	-.00005	-.00131	-.00119	.00238	-.00054	.01088	.00153

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	.00012	.00694	.00046	.00009	-.00058	.00412
Stddev	.00007	.00002	.01409	.00006	.00013	.00058	.00020
%RSD	7833.0	13.887	202.88	12.787	152.67	100.04	4.8404

#1	.00007	.00010	.00554	.00039	.00014	-.00087	.00407
#2	-.00001	.00013	-.00639	.00050	-.00006	.00009	.00433
#3	-.00007	.00012	.02168	.00049	.00019	-.00097	.00394

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	.00500	-.00036	.00085	-.03016	.00061	-.00023
Stddev	.00008	.03125	.00058	.00021	.00708	.00022	.00021
%RSD	98.553	624.60	161.83	24.737	23.475	36.021	90.156

#1	-.00016	-.03108	-.00017	.00061	-.02617	.00036	-.00003
#2	-.00000	.02379	.00011	.00095	-.02598	.00068	-.00022
#3	-.00008	.02230	-.00102	.00098	-.03834	.00077	-.00045

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08375	.00016	-.01189	-.00741	-.00352	-.00341	.00006
Stddev	.04206	.00030	.00463	.00388	.00096	.00008	.00202
%RSD	50.218	181.66	38.916	52.435	27.130	2.4895	3494.1

#1	.11815	-.00005	-.00792	-.00371	-.00243	-.00344	-.00139
#2	.03686	.00050	-.01078	-.00705	-.00418	-.00332	-.00080
#3	.09623	.00003	-.01697	-.01146	-.00396	-.00348	.00236

Sample Name: CCB14 Acquired: 4/5/2019 1:17:42 Type: Unk
 Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA8108 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00799	.0020	.00001	F<.00000	F 6.4106
Stddev	.00181	.0005	.00008	.36010	5.1614
%RSD	22.638	24.20	602.21	9.8699	80.514

#1	-.00609	.0016	-.00007	-3.2574	1.1205
#2	-.00819	.0020	.00009	-3.9663	11.433
#3	-.00969	.0026	.00002	-3.7217	6.6783

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4264.8	79090.	7049.5	103.70	6102.8
Stddev	4.5	90.	37.4	1.86	3.0
%RSD	.10618	.11324	.53021	1.7888	.04873

#1	4262.1	79158.	7007.4	102.80	6105.6
#2	4262.3	79123.	7062.4	102.47	6099.7
#3	4270.0	78988.	7078.8	105.83	6103.1

Sample Name: K2228-16 Acquired: 4/5/2019 1:22:12 Type: Unk
 Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-11(6-7) Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00247	-.00458	.00609	.00258	.00009	.00310	.36776	-.00013
Stddev	.00039	.00018	.00038	.00469	.00106	.00559	.00070	.00003
%RSD	15.700	3.9512	6.2686	181.58	1147.7	180.35	.18967	25.818

#1	-.00263	-.00449	.00577	.00663	.00073	.00639	.36726	-.00013
#2	-.00275	-.00445	.00597	.00368	.00068	.00626	.36746	-.00009
#3	-.00202	-.00478	.00651	-.00256	-.00113	-.00335	.36855	-.00016

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	177.03	.00072	.00495	.00184	.24432	.78010	5.2180
Stddev	.00002	.44	.00016	.00016	.00078	.00333	.00111	.0159
%RSD	31.193	.25098	21.824	3.1711	42.398	1.3639	.14195	.30417

#1	.00004	177.18	.00088	.00493	.00192	.24483	.77883	5.2257
#2	.00007	177.38	.00071	.00481	.00103	.24736	.78084	5.1997
#3	.00009	176.53	.00057	.00512	.00259	.24076	.78063	5.2285

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00612	.00111	339.41	-.00045	.09541	1.7021	.00243	.01665
Stddev	.00055	.00048	1.64	.00021	.00027	.0090	.00014	.00468
%RSD	8.9573	43.039	.48266	48.133	.28351	.52837	5.8504	28.083

#1	.00550	.00056	340.45	-.00048	.09568	1.7035	.00256	.01128
#2	.00632	.00146	337.52	-.00022	.09542	1.6925	.00228	.01983
#3	.00655	.00129	340.25	-.00064	.09514	1.7103	.00245	.01884

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.6402	.98513	-.00397	-.00380	.00684	-.0006	.37126	1.8666
Stddev	.0037	.01028	.00143	.00165	.00036	.0006	.00181	.7688
%RSD	.22818	1.0433	35.948	43.353	5.3215	109.8	.48689	41.189

#1	1.6359	.98838	-.00532	-.00525	.00674	.0001	.37317	1.2332
#2	1.6429	.99339	-.00248	-.00415	.00653	-.0007	.37103	1.6445
#3	1.6418	.97362	-.00411	-.00201	.00724	-.0012	.36958	2.7220

Sample Name: K2228-16 Acquired: 4/5/2019 1:22:12 Type: Unk
 Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-11(6-7) Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	35.102
Stddev	1.495
%RSD	4.2589

#1	33.501
#2	35.342
#3	36.462

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3850.9	72961.	6919.6	98.956	5090.5
Stddev	7.5	126.	29.6	.055	11.0
%RSD	.19372	.17334	.42749	.05607	.21666

#1	3845.5	72817.	6890.7	98.992	5078.7
#2	3859.4	73012.	6918.2	98.892	5100.6
#3	3847.7	73055.	6949.9	98.983	5092.0

Sample Name: K2228-17 Acquired: 4/5/2019 1:26:45 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-13(10-11) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00862	-.00366	.00161	.00740	-.00158	.00329	.16916	-.00006
Stddev	.00166	.00106	.00075	.00390	.00193	.00748	.00121	.00010
%RSD	19.290	28.824	46.526	52.753	122.16	227.51	.71691	176.29

#1	.00788	-.00361	.00078	.00301	-.00210	-.00485	.16839	-.00001
#2	.01053	-.00474	.00182	.01047	-.00319	.00484	.16854	-.00017
#3	.00746	-.00263	.00224	.00873	.00056	.00986	.17056	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00049	161.33	-.00129	.00236	.01410	16.330	.60094	5.4389
Stddev	.00003	1.03	.00004	.00021	.00011	.013	.00174	.0621
%RSD	5.0963	.63923	3.4520	9.0196	.78971	.08095	.28976	1.1410

#1	-.00047	162.27	-.00130	.00212	.01420	16.316	.60276	5.4040
#2	-.00050	161.48	-.00124	.00252	.01398	16.332	.60076	5.4022
#3	-.00052	160.23	-.00133	.00243	.01413	16.342	.59929	5.5106

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00971	-.00059	338.85	.00036	.06323	1.6376	.00204	.01495
Stddev	.00076	.00066	2.56	.00021	.00028	.0138	.00020	.00863
%RSD	7.8135	112.13	.75665	59.287	.44292	.84192	9.6049	57.718

#1	.00887	-.00107	340.42	.00059	.06314	1.6522	.00225	.02417
#2	.00993	.00016	335.90	.00017	.06300	1.6356	.00187	.00708
#3	.01034	-.00085	340.25	.00032	.06354	1.6249	.00201	.01359

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.3466	1.0889	-.00556	-.00298	.00449	.0370	.35432	2.7227
Stddev	.0184	.0061	.00037	.00131	.00114	.0012	.00278	.2323
%RSD	.54903	.55881	6.6631	44.036	25.321	3.179	.78494	8.5329

#1	3.3254	1.0949	-.00573	-.00439	.00429	.0356	.35733	2.4617
#2	3.3563	1.0890	-.00582	-.00276	.00571	.0376	.35377	2.9070
#3	3.3580	1.0828	-.00514	-.00179	.00347	.0378	.35185	2.7994

Sample Name: K2228-17 Acquired: 4/5/2019 1:26:45 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-13(10-11) Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	53.914
Stddev	2.039
%RSD	3.7821

#1	54.594
#2	51.622
#3	55.526

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3877.7	73136.	6950.6	97.781	5139.4
Stddev	4.2	309.	73.3	2.346	12.6
%RSD	.10939	.42191	1.0544	2.3993	.24605

#1	3872.8	72806.	6878.0	95.305	5128.7
#2	3879.5	73417.	6949.1	98.069	5153.3
#3	3880.7	73185.	7024.6	99.970	5136.1

Sample Name: K2228-18 Acquired: 4/5/2019 1:31:17 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-20(14-15) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00172	-.00401	.02897	.00364	-.00018	.89548	.19424	-.00001
Stddev	.00058	.00036	.00031	.00378	.00042	.01980	.00254	.00006
%RSD	33.599	9.0535	1.0594	103.98	227.78	2.2111	1.3078	736.64

#1	.00237	-.00401	.02888	.00074	.00027	.91786	.19713	.00006
#2	.00152	-.00365	.02930	.00225	-.00056	.88024	.19323	-.00006
#3	.00127	-.00438	.02871	.00791	-.00027	.88834	.19235	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	8.7115	.00219	.00215	.00113	.85854	.13443	8.5257
Stddev	.00005	.0261	.00039	.00006	.00027	.00667	.00088	.0554
%RSD	141.11	.29947	17.590	2.8797	24.375	.77699	.65205	.64971

#1	.00005	8.6829	.00210	.00214	.00136	.85169	.13378	8.5203
#2	-.00002	8.7340	.00261	.00222	.00119	.85892	.13407	8.4732
#3	.00008	8.7175	.00186	.00210	.00083	.86501	.13542	8.5836

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00189	.00064	314.10	.00379	.18573	7.3754	.00118	.20033
Stddev	.00026	.00048	2.79	.00022	.00046	.0995	.00014	.00340
%RSD	13.730	75.379	.88772	5.7476	.25025	1.3491	11.986	1.6976

#1	.00159	.00112	313.78	.00372	.18555	7.4609	.00126	.19655
#2	.00206	.00064	311.49	.00362	.18625	7.3992	.00127	.20316
#3	.00201	.00016	317.04	.00404	.18537	7.2662	.00102	.20127

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.2625	3.0822	-.00733	.01547	-.00092	.0400	.08880	.56311
Stddev	.0504	.0555	.00020	.00102	.00159	.0010	.00017	.85968
%RSD	.69371	1.8009	2.6757	6.6183	173.17	2.452	.19636	152.67

#1	7.2044	3.0187	-.00737	.01583	-.00163	.0389	.08893	1.3659
#2	7.2934	3.1060	-.00750	.01432	-.00203	.0406	.08888	.66741
#3	7.2898	3.1217	-.00712	.01627	.00090	.0406	.08860	-.34397

Sample Name: K2228-18 Acquired: 4/5/2019 1:31:17 Type: Unk
 Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-20(14-15) Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	24.560
Stddev	5.615
%RSD	22.862

#1	20.250
#2	22.521
#3	30.910

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3967.0	74056.	6943.8	100.91	5348.1
Stddev	6.1	355.	46.4	.31	4.8
%RSD	.15254	.47969	.66809	.30436	.08987

#1	3960.1	73697.	6996.7	100.68	5342.6
#2	3971.0	74408.	6925.0	101.26	5350.6
#3	3970.1	74063.	6909.8	100.80	5351.2

Sample Name: K2228-19 Acquired: 4/5/2019 1:35:49 Type: Unk

Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000

User: Bin He Custom ID1: SB-19(7.5-8. Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00255	-.00425	.18344	.00471	-.00129	.13387	.42814	-.00011
Stddev	.00100	.00079	.00092	.00334	.00135	.00995	.00196	.00005
%RSD	39.337	18.663	.50388	70.909	105.19	7.4310	.45769	45.084

#1	-.00295	-.00495	.18259	.00769	-.00148	.13484	.42690	-.00015
#2	-.00141	-.00339	.18443	.00110	-.00253	.12348	.42712	-.00005
#3	-.00328	-.00442	.18330	.00533	.00015	.14330	.43040	-.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	18.956	.00032	.02113	.01894	9.3541	.57691	2.1643
Stddev	.00006	.059	.00025	.00006	.00007	.0118	.00097	.0512
%RSD	179.90	.31217	80.739	.27438	.38030	.12594	.16738	2.3665

#1	-.00008	18.928	.00040	.02106	.01901	9.3414	.57583	2.1143
#2	.00003	19.024	.00003	.02114	.01893	9.3646	.57722	2.1619
#3	-.00006	18.916	.00051	.02117	.01887	9.3565	.57769	2.2167

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04597	-.00026	361.77	-.00048	1.8638	1.8031	-.00058	.03974
Stddev	.00037	.00014	1.36	.00028	.0028	.0304	.00018	.01834
%RSD	.79402	54.887	.37676	58.848	.14907	1.6885	31.408	46.163

#1	.04626	-.00030	363.28	-.00017	1.8661	1.8089	-.00069	.03969
#2	.04610	-.00038	361.42	-.00053	1.8607	1.8301	-.00037	.05811
#3	.04556	-.00010	360.63	-.00073	1.8645	1.7701	-.00069	.02142

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.9642	2.1878	-.00551	-.00077	-.00123	.0012	.08511	1.2336
Stddev	.0083	.0195	.00045	.00034	.00160	.0006	.00025	.4413
%RSD	.27973	.89018	8.1109	44.041	130.17	47.26	.29150	35.773

#1	2.9659	2.1821	-.00592	-.00085	-.00308	.0006	.08492	1.5298
#2	2.9715	2.1718	-.00503	-.00106	-.00026	.0013	.08503	1.4445
#3	2.9552	2.2095	-.00558	-.00040	-.00035	.0018	.08539	.72639

Sample Name: K2228-19 Acquired: 4/5/2019 1:35:49 Type: Unk
 Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-19(7.5-8. Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	49.705
Stddev	4.253
%RSD	8.5566

#1	44.837
#2	51.578
#3	52.700

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3940.8	73313.	6892.3	99.847	5267.9
Stddev	13.5	166.	47.2	1.760	17.2
%RSD	.34187	.22579	.68531	1.7624	.32639

#1	3929.7	73167.	6845.6	97.920	5254.0
#2	3955.8	73279.	6940.1	101.37	5287.1
#3	3937.0	73493.	6891.2	100.25	5262.5

Sample Name: K2228-20 Acquired: 4/5/2019 1:40:21 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-22(7-8) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00024	-.00496	.01276	.00276	-.00172	-.00420	.27142	-.00008
Stddev	.00247	.00097	.00081	.00125	.00099	.00602	.00223	.00004
%RSD	1025.8	19.486	6.3111	45.382	57.863	143.48	.82120	43.881

#1	.00138	-.00575	.01331	.00418	-.00105	-.00085	.26886	-.00009
#2	-.00308	-.00388	.01184	.00226	-.00125	-.00059	.27292	-.00012
#3	.00098	-.00525	.01313	.00183	-.00286	-.01115	.27247	-.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00018	206.18	.00091	.00865	.00183	.07343	.61416	2.9120
Stddev	.00009	.78	.00019	.00013	.00028	.00090	.00246	.0220
%RSD	51.832	.37992	21.293	1.4598	15.518	1.2323	.40048	.75463

#1	.00010	206.93	.00088	.00852	.00173	.07442	.61603	2.9069
#2	.00016	206.23	.00111	.00877	.00215	.07325	.61138	2.9361
#3	.00029	205.37	.00073	.00864	.00162	.07264	.61508	2.8931

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02177	.00037	357.86	.00157	.21304	1.8982	.00208	.00547
Stddev	.00017	.00024	2.35	.00025	.00069	.0541	.00012	.01449
%RSD	.79940	65.816	.65664	15.844	.32593	2.8474	5.7101	265.10

#1	.02197	.00034	355.15	.00130	.21225	1.9323	.00204	-.01034
#2	.02171	.00014	359.20	.00162	.21331	1.9266	.00198	.01813
#3	.02164	.00063	359.24	.00180	.21356	1.8359	.00221	.00860

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.1473	1.6276	-.00561	-.00616	.00867	.0039	.31592	2.7813
Stddev	.0268	.0137	.00068	.00148	.00034	.0022	.00225	.4208
%RSD	.85130	.84429	12.151	23.988	3.9510	56.68	.71156	15.129

#1	3.1177	1.6425	-.00492	-.00498	.00865	.0063	.31830	2.3905
#2	3.1698	1.6154	-.00628	-.00782	.00834	.0033	.31565	3.2267
#3	3.1544	1.6249	-.00564	-.00568	.00902	.0020	.31383	2.7267

Sample Name: K2228-20 Acquired: 4/5/2019 1:40:21 Type: Unk
 Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-22(7-8) Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	42.825
Stddev	5.201
%RSD	12.145

#1	41.700
#2	48.496
#3	38.279

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3836.8	72611.	6923.9	98.695	5074.5
Stddev	4.0	118.	60.4	1.532	8.4
%RSD	.10445	.16181	.87272	1.5525	.16652

#1	3835.2	72476.	6855.3	96.926	5080.1
#2	3841.4	72675.	6947.1	99.604	5078.6
#3	3833.9	72684.	6969.2	99.554	5064.8

Sample Name: K2228-21 Acquired: 4/5/2019 1:44:54 Type: Unk

Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000

User: Bin He Custom ID1: SB-23(0.5-1. Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00133	-.00372	.00063	.00506	-.00269	.02454	.11954	-.00013
Stddev	.00037	.00064	.00072	.00122	.00090	.01510	.00145	.00004
%RSD	27.978	17.309	115.25	24.134	33.377	61.527	1.2170	30.482

#1	-.00091	-.00447	.00134	.00635	-.00185	.02758	.12008	-.00015
#2	-.00162	-.00339	.00065	.00392	-.00363	.00815	.11790	-.00009
#3	-.00146	-.00332	-.00011	.00492	-.00259	.03788	.12066	-.00016

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00117	185.71	.00409	-.00020	.00720	-.00746	.01182	2.1299
Stddev	.00006	2.52	.00040	.00025	.00034	.00038	.00018	.0199
%RSD	5.0276	1.3545	9.7384	125.76	4.7259	5.0862	1.5304	.93559

#1	.00119	187.52	.00453	-.00042	.00680	-.00737	.01202	2.1364
#2	.00122	186.78	.00396	-.00026	.00739	-.00787	.01166	2.1458
#3	.00111	182.84	.00377	.00008	.00739	-.00713	.01178	2.1076

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00234	.00054	281.32	.01269	.03614	1.9878	.00072	.01982
Stddev	.00040	.00036	1.13	.00045	.00008	.0227	.00032	.00755
%RSD	17.045	66.922	.40321	3.5480	.22821	1.1432	44.616	38.111

#1	.00257	.00095	280.29	.01282	.03614	1.9998	.00084	.02651
#2	.00256	.00029	281.12	.01307	.03622	1.9616	.00035	.01163
#3	.00188	.00037	282.54	.01219	.03605	2.0020	.00095	.02131

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.2242	7.6917	-.00572	-.00405	.00128	.0342	.55105	1.2181
Stddev	.0130	.1272	.00070	.00067	.00052	.0002	.00840	.7658
%RSD	.40313	1.6537	12.184	16.516	40.815	.6250	1.5243	62.870

#1	3.2129	7.7982	-.00522	-.00374	.00077	.0340	.55798	.38228
#2	3.2384	7.7261	-.00542	-.00360	.00182	.0344	.55346	1.8860
#3	3.2214	7.5509	-.00652	-.00482	.00125	.0343	.54171	1.3859

Sample Name: K2228-21 Acquired: 4/5/2019 1:44:54 Type: Unk
 Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-23(0.5-1. Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	35.761
Stddev	2.251
%RSD	6.2942

#1	36.857
#2	37.254
#3	33.172

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3935.3	75029.	7058.6	101.37	5246.1
Stddev	9.6	191.	123.8	2.89	10.4
%RSD	.24362	.25414	1.7545	2.8484	.19748

#1	3941.0	74813.	6961.9	99.562	5255.9
#2	3940.8	75171.	7015.9	99.854	5247.0
#3	3924.3	75104.	7198.2	104.70	5235.2

Sample Name: K2228-22 Acquired: 4/5/2019 1:49:29 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-23(4-5) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00054	-.00373	.00249	.00410	-.00370	.00880	.24357	-.00005
Stddev	.00329	.00084	.00058	.00362	.00037	.00374	.00410	.00004
%RSD	614.76	22.388	23.468	88.357	9.9561	42.448	1.6838	71.456

#1	-.00380	-.00317	.00187	.00344	-.00375	.01209	.24061	-.00001
#2	.00279	-.00334	.00257	.00085	-.00331	.00957	.24825	-.00007
#3	-.00059	-.00469	.00303	.00800	-.00404	.00474	.24184	-.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	179.90	.00151	-.00012	.00108	-.00385	.13200	2.2399
Stddev	.00010	1.49	.00053	.00020	.00033	.00065	.00121	.0503
%RSD	83.197	.83005	35.000	159.62	31.093	16.874	.91685	2.2442

#1	.00002	179.23	.00099	.00007	.00132	-.00397	.13144	2.2017
#2	.00021	178.86	.00149	-.00011	.00069	-.00316	.13118	2.2968
#3	.00013	181.61	.00205	-.00032	.00121	-.00444	.13339	2.2212

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00041	.00062	306.07	.00186	.06078	1.3356	.00009	.01443
Stddev	.00036	.00047	2.67	.00035	.00029	.0308	.00029	.01142
%RSD	87.878	74.923	.87142	19.022	.48433	2.3099	319.06	79.127

#1	-.00047	.00113	304.67	.00225	.06059	1.3016	.00036	.01711
#2	-.00002	.00022	309.14	.00156	.06062	1.3619	.00013	.00191
#3	-.00073	.00051	304.39	.00178	.06112	1.3432	-.00022	.02427

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.79959	1.2240	-.00494	-.00385	.00032	.0713	.44336	2.4031
Stddev	.00932	.0141	.00059	.00095	.00153	.0011	.00177	.8458
%RSD	1.1660	1.1494	11.949	24.753	472.15	1.509	.39911	35.197

#1	.80110	1.2274	-.00561	-.00278	.00004	.0700	.44293	2.3203
#2	.80807	1.2085	-.00453	-.00416	-.00104	.0720	.44183	3.2873
#3	.78961	1.2360	-.00466	-.00461	.00198	.0718	.44530	1.6017

Sample Name: K2228-22 Acquired: 4/5/2019 1:49:29 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-23(4-5) Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	34.059
Stddev	6.397
%RSD	18.783

#1	35.206
#2	39.805
#3	27.166

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3905.5	73477.	6999.0	100.19	5158.9
Stddev	6.4	172.	70.0	.50	12.1
%RSD	.16407	.23376	1.0002	.50335	.23476

#1	3898.9	73619.	6950.5	99.887	5152.8
#2	3911.7	73286.	7079.2	99.904	5172.9
#3	3905.8	73526.	6967.1	100.77	5151.1

Sample Name: K2228-22DUP Acquired: 4/5/2019 1:54:04 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB8108 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00062	-.00358	.00279	.00365	-.00260	.01302	.24246	-.00007
Stddev	.00030	.00111	.00031	.00231	.00056	.01459	.00221	.00005
%RSD	49.119	31.130	11.266	63.340	21.464	112.04	.91058	61.952

#1	-.00029	-.00470	.00243	.00590	-.00221	.02120	.24464	-.00008
#2	-.00067	-.00247	.00296	.00375	-.00235	.02169	.24252	-.00011
#3	-.00089	-.00356	.00299	.00129	-.00324	-.00382	.24022	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00016	181.54	.00132	.00000	.00122	-.00367	.13153	2.2093
Stddev	.00004	1.52	.00041	.00012	.00028	.00030	.00048	.0164
%RSD	22.284	.83681	31.035	5961.3	23.075	8.2750	.36411	.74041

#1	.00019	179.79	.00178	-.00006	.00137	-.00338	.13188	2.2244
#2	.00017	182.32	.00103	-.00008	.00140	-.00399	.13173	2.2116
#3	.00012	182.50	.00114	.00014	.00090	-.00365	.13098	2.1919

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	.00059	306.40	.00202	.06015	1.3680	.00012	.01182
Stddev	.00007	.00056	1.42	.00027	.00026	.0317	.00004	.01668
%RSD	50.770	94.605	.46266	13.111	.43376	2.3178	28.822	141.08

#1	-.00012	.00029	308.02	.00227	.05992	1.3614	.00011	.03041
#2	-.00008	.00124	305.40	.00206	.06011	1.4024	.00016	.00689
#3	-.00021	.00025	305.77	.00174	.06044	1.3401	.00010	-.00184

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.80165	1.2293	-.00461	-.00574	.00053	.0702	.44848	1.8385
Stddev	.00545	.0128	.00107	.00065	.00182	.0004	.00368	.4398
%RSD	.67968	1.0404	23.263	11.320	345.62	.5213	.82037	23.921

#1	.79725	1.2157	-.00441	-.00542	-.00092	.0698	.44431	2.2534
#2	.80774	1.2311	-.00366	-.00649	.00258	.0701	.45124	1.3775
#3	.79995	1.2410	-.00577	-.00531	-.00008	.0706	.44991	1.8846

Sample Name: K2228-22DUP Acquired: 4/5/2019 1:54:04 Type: Unk
 Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB8108 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	35.678
Stddev	3.881
%RSD	10.878

#1	39.212
#2	36.297
#3	31.524

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3894.1	73773.	6938.7	99.203	5155.8
Stddev	13.1	374.	42.3	1.003	9.6
%RSD	.33702	.50757	.60912	1.0109	.18669

#1	3906.5	73447.	6985.6	100.30	5163.9
#2	3895.5	73690.	6927.0	98.340	5158.3
#3	3880.3	74182.	6903.5	98.966	5145.1

Sample Name: K2228-22LX5 Acquired: 4/5/2019 1:58:39 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14809 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	-.00222	.00058	.00184	-.00237	.01206	.05088	-.00007
Stddev	.00195	.00054	.00070	.00277	.00057	.00568	.00075	.00003
%RSD	465.13	24.107	121.42	150.38	23.982	47.141	1.4810	49.008

#1	-.00194	-.00280	.00115	.00431	-.00212	.01477	.05127	-.00003
#2	-.00110	-.00213	-.00020	-.00116	-.00197	.00552	.05001	-.00010
#3	.00178	-.00174	.00079	.00238	-.00302	.01587	.05136	-.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	38.874	.00081	-.00015	.00027	-.00035	.02815	.46902
Stddev	.00004	.224	.00005	.00007	.00042	.00042	.00019	.01983
%RSD	283.73	.57493	5.8769	43.789	152.33	121.40	.67910	4.2285

#1	.00006	38.891	.00075	-.00021	.00066	-.00076	.02793	.48226
#2	-.00001	38.642	.00083	-.00017	-.00017	-.00037	.02821	.44622
#3	-.00001	39.088	.00084	-.00008	.00033	.00009	.02829	.47858

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00095	.00049	63.588	.00043	.01158	.33172	-.00022	-.01782
Stddev	.00019	.00073	.101	.00023	.00008	.06584	.00006	.00838
%RSD	20.017	148.06	.15913	54.836	.67414	19.848	26.250	47.012

#1	-.00096	-.00031	63.670	.00066	.01165	.35833	-.00027	-.01021
#2	-.00075	.00112	63.475	.00044	.01150	.38010	-.00024	-.01646
#3	-.00113	.00067	63.620	.00019	.01159	.25674	-.00016	-.02680

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15629	.27702	-.00532	-.00064	-.00654	.0164	.09564	.43324
Stddev	.00393	.00276	.00026	.00113	.00087	.0004	.00017	.24199
%RSD	2.5127	.99535	4.8214	177.11	13.250	2.737	.17731	55.857

#1	.16060	.27480	-.00543	-.00184	-.00654	.0168	.09577	.68017
#2	.15533	.28011	-.00550	.00039	-.00741	.0164	.09545	.42303
#3	.15292	.27615	-.00502	-.00046	-.00567	.0159	.09569	.19651

Sample Name: K2228-22LX5 Acquired: 4/5/2019 1:58:39 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14809 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	22.760
Stddev	1.495
%RSD	6.5702

#1	21.083
#2	23.954
#3	23.244

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4060.6	75380.	6874.3	100.54	5596.4
Stddev	19.3	171.	35.5	1.79	26.5
%RSD	.47478	.22748	.51606	1.7830	.47375

#1	4038.7	75235.	6833.5	100.90	5568.3
#2	4068.1	75569.	6898.2	98.591	5600.1
#3	4075.1	75336.	6891.2	102.12	5620.9

Sample Name: K2228-22MS Acquired: 4/5/2019 2:03:07 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14809 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.77302	1.8643	.95613	2.0456	.81453	2.0526	.44906	.19632	.20134
Stddev	.00871	.0145	.00701	.0155	.00412	.0145	.00137	.00026	.00102
%RSD	1.1262	.77849	.73269	.75583	.50575	.70708	.30538	.13397	.50756

#1	.76974	1.8582	.95221	2.0462	.81170	2.0427	.44884	.19627	.20063
#2	.78289	1.8809	.96422	2.0607	.81925	2.0458	.44781	.19608	.20251
#3	.76643	1.8539	.95197	2.0298	.81263	2.0692	.45053	.19660	.20087

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	188.86	.41709	.19892	.29190	2.9102	.33326	4.1632	.49257	.07157
Stddev	1.39	.00170	.00153	.00179	.0086	.00068	.0719	.00323	.00054
%RSD	.73561	.40860	.77132	.61181	.29460	.20461	1.7279	.65482	.76068

#1	187.59	.41557	.19812	.29173	2.9021	.33286	4.2283	.48992	.07101
#2	190.34	.41676	.20069	.29376	2.9093	.33287	4.0860	.49616	.07161
#3	188.64	.41893	.19794	.29020	2.9192	.33405	4.1754	.49162	.07210

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	322.99	.31313	.26664	11.586	.41844	.30593	.81771	2.2241	.70678
Stddev	2.06	.00061	.00190	.150	.00247	.00393	.00994	.0270	.00442
%RSD	.63810	.19401	.71411	1.2954	.59092	1.2832	1.2161	1.2151	.62506

#1	324.34	.31246	.26554	11.560	.41745	.31033	.81854	2.2132	.70282
#2	324.01	.31329	.26884	11.450	.42125	.30278	.82722	2.2549	.71154
#3	320.61	.31364	.26555	11.747	.41661	.30467	.80738	2.2043	.70599

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20093	.20086	6.001	.66142	2.8846	31.065
Stddev	.00135	.00167	.046	.00442	.1676	3.175
%RSD	.67188	.83040	.7713	.66773	5.8114	10.220

#1	.20226	.19894	5.981	.65797	2.8666	31.668
#2	.19956	.20193	6.054	.66640	2.7266	27.633
#3	.20098	.20171	5.968	.65990	3.0605	33.896

Sample Name: K2228-22MS Acquired: 4/5/2019 2:03:07 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14809 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	3801.7	71804.	6721.1	97.071	5034.5
Stddev	2.4	142.	44.8	.466	4.7
%RSD	.06401	.19707	.66631	.47990	.09431
#1	3802.5	71720.	6734.3	97.294	5039.8
#2	3799.0	71967.	6671.2	97.383	5030.6
#3	3803.6	71725.	6757.8	96.535	5033.2

Sample Name: CCV15 Acquired: 4/5/2019 2:07:21 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB118625BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9217	5.0552	5.0228	5.0796	5.1283	9.9172	9.8315	.25121
Stddev	.0130	.0091	.0062	.0121	.0099	.0656	.0537	.00052
%RSD	.26454	.17984	.12429	.23788	.19371	.66105	.54676	.20627
#1	4.9128	5.0601	5.0195	5.0877	5.1243	9.8715	9.8854	.25149
#2	4.9156	5.0447	5.0300	5.0657	5.1210	9.9923	9.7779	.25061
#3	4.9366	5.0608	5.0190	5.0855	5.1396	9.8877	9.8312	.25153
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6058	26.499	1.0515	2.5210	1.2320	4.9965	2.5536	24.773
Stddev	.0021	.149	.0021	.0023	.0010	.0066	.0030	.150
%RSD	.07987	.56362	.19976	.09037	.07881	.13305	.11689	.60584
#1	2.6049	26.335	1.0493	2.5209	1.2315	4.9895	2.5559	24.677
#2	2.6082	26.535	1.0535	2.5234	1.2314	4.9973	2.5546	24.946
#3	2.6043	26.628	1.0518	2.5188	1.2331	5.0027	2.5502	24.696
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5035	1.2722	24.246	2.5375	2.5031	24.531	5.1152	4.8922
Stddev	.0017	.0029	.149	.0059	.0029	.056	.0093	.0187
%RSD	.06611	.22628	.61353	.23062	.11739	.22692	.18197	.38161
#1	2.5052	1.2730	24.407	2.5330	2.5038	24.587	5.1125	4.8771
#2	2.5035	1.2690	24.218	2.5354	2.5057	24.476	5.1075	4.9131
#3	2.5019	1.2746	24.114	2.5441	2.4999	24.530	5.1255	4.8864
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8881	5.1413	5.0460	5.1064	5.0038	4.952	5.1734	F 1.6056
Stddev	.0125	.0323	.0063	.0227	.0417	.008	.0384	.7200
%RSD	.25516	.62833	.12524	.44427	.83281	.1600	.74254	44.844
#1	4.8978	5.1321	5.0410	5.0874	5.0059	4.951	5.2004	1.5103
#2	4.8924	5.1147	5.0439	5.1002	4.9612	4.945	5.1294	.93795
#3	4.8740	5.1773	5.0531	5.1315	5.0445	4.961	5.1904	2.3685

Sample Name: CCV15 Acquired: 4/5/2019 2:07:21 Type: Unk
 Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB118625BL Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 22.246
Stddev	2.896
%RSD	13.017

#1	20.746
#2	25.584
#3	20.407

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4040.6	75730.	6876.2	100.21	5391.0
Stddev	1.9	171.	52.0	1.21	5.6
%RSD	.04670	.22585	.75555	1.2081	.10353

#1	4040.5	75659.	6880.8	100.54	5390.7
#2	4042.5	75925.	6925.6	101.21	5385.6
#3	4038.7	75605.	6822.0	98.864	5396.8

Sample Name: CCB15 Acquired: 4/5/2019 2:11:27 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB118625BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00149	-.00197	-.00060	.00003	.00046	.01419	.00167
Stddev	.00059	.00047	.00076	.00136	.00205	.01330	.00033
%RSD	39.835	23.714	127.97	3973.6	444.70	93.713	19.967

#1	.00084	-.00147	-.00120	.00155	-.00102	.01610	.00187
#2	.00199	-.00239	.00026	-.00106	-.00039	.02644	.00128
#3	.00163	-.00206	-.00084	-.00039	.00279	.00004	.00185

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	.00010	.00202	.00060	.00007	-.00023	.00459
Stddev	.00002	.00002	.01062	.00049	.00002	.00052	.00055
%RSD	32.057	18.124	526.39	81.127	31.395	225.93	11.973

#1	-.00004	.00010	-.01015	.00077	.00006	-.00077	.00419
#2	-.00007	.00011	.00682	.00099	.00010	.00026	.00437
#3	-.00004	.00008	.00938	.00005	.00006	-.00018	.00522

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	.01508	-.00014	.00059	-.03667	.00069	-.00022
Stddev	.00002	.00697	.00021	.00027	.00545	.00019	.00005
%RSD	13.407	46.216	149.04	46.232	14.873	27.934	23.957

#1	-.00010	.01995	.00010	.00044	-.03293	.00051	-.00022
#2	-.00012	.01821	-.00031	.00091	-.03415	.00089	-.00016
#3	-.00013	.00710	-.00021	.00042	-.04293	.00066	-.00027

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09511	.00020	-.01730	-.00723	-.00197	-.00369	-.00103
Stddev	.03838	.00026	.01168	.00048	.00114	.00072	.00067
%RSD	40.357	133.24	67.479	6.6347	58.088	19.580	65.174

#1	.10586	.00044	-.01064	-.00758	-.00275	-.00288	-.00179
#2	.12696	.00024	-.01049	-.00668	-.00250	-.00426	-.00052
#3	.05249	-.00008	-.03079	-.00742	-.00066	-.00395	-.00077

Sample Name: CCB15 Acquired: 4/5/2019 2:11:27 Type: Unk
 Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB118625BS Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00581	.0021	.00014	F<.00000	F 9.9607
Stddev	.00133	.0008	.00008	.90291	2.8404
%RSD	22.897	38.30	55.696	25.925	28.516
#1	-.00735	.0031	.00017	-3.9788	6.6813
#2	-.00496	.0016	.00019	-4.0289	11.642
#3	-.00513	.0017	.00005	-2.4406	11.559
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4231.9	78239.	6994.8	102.85	6059.5
Stddev	7.5	157.	27.4	1.29	11.0
%RSD	.17715	.20034	.39145	1.2574	.18165
#1	4231.8	78174.	6995.7	101.78	6053.3
#2	4224.4	78125.	7021.6	102.48	6052.9
#3	4239.4	78418.	6966.9	104.28	6072.2

Sample Name: K2228-22MSD Acquired: 4/5/2019 2:15:57 Type: Unk
Method: P4-ICP2(v3020) 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	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.76301	1.8407	.93844	2.0230	.80114	2.0027	.44350	.19375	.19825
Stddev	.00323	.0111	.00619	.0098	.00263	.0107	.00186	.00028	.00139
%RSD	.42339	.60465	.65990	.48586	.32882	.53462	.41982	.14419	.70356

#1	.75939	1.8370	.93280	2.0122	.79834	2.0059	.44375	.19344	.19676
#2	.76402	1.8320	.93745	2.0314	.80152	1.9907	.44152	.19397	.19848
#3	.76561	1.8532	.94506	2.0254	.80357	2.0114	.44522	.19384	.19953

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	187.25	.41031	.19604	.28696	2.8793	.32815	4.1282	.48451	.07077
Stddev	.92	.00189	.00139	.00134	.0045	.00250	.0731	.00253	.00050
%RSD	.49306	.46162	.70846	.46688	.15714	.76101	1.7697	.52314	.70713

#1	186.19	.41210	.19444	.28546	2.8842	.32783	4.1988	.48187	.07091
#2	187.90	.40833	.19695	.28742	2.8754	.32584	4.0529	.48475	.07118
#3	187.66	.41050	.19673	.28801	2.8782	.33080	4.1330	.48692	.07021

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	321.11	.30879	.26132	11.343	.41298	.31161	.81064	2.1759	.69658
Stddev	3.41	.00138	.00104	.080	.00277	.01865	.00637	.0228	.00473
%RSD	1.0633	.44800	.39769	.70200	.67050	5.9835	.78572	1.0475	.67960

#1	322.76	.31030	.26014	11.359	.41107	.32740	.80583	2.1601	.69205
#2	317.18	.30759	.26178	11.257	.41171	.29104	.80822	2.2020	.69621
#3	323.38	.30847	.26206	11.413	.41615	.31640	.81786	2.1656	.70149

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19934	.20016	5.919	.65594	3.5050	31.643
Stddev	.00044	.00371	.020	.00226	.3640	3.314
%RSD	.22321	1.8555	.3286	.34523	10.384	10.474

#1	.19977	.19628	5.910	.65336	3.8380	28.463
#2	.19937	.20054	5.905	.65688	3.5606	35.077
#3	.19888	.20368	5.941	.65758	3.1165	31.388

Sample Name: K2228-22MSD Acquired: 4/5/2019 2:15:57 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PBW 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	3847.2	72849.	6794.4	98.573	5101.7
Stddev	10.2	253.	37.1	1.316	17.1
%RSD	.26415	.34771	.54555	1.3348	.33600
#1	3849.3	72856.	6837.0	99.484	5102.6
#2	3856.1	73099.	6769.8	99.170	5118.4
#3	3836.1	72593.	6776.3	97.064	5084.1

Sample Name: K2228-22A Acquired: 4/5/2019 2:20:13 Type: Unk
Method: P4-ICP2(v3020) 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	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.75937	1.8370	.94323	2.0205	.80535	2.0446	.44701	.19508	.19943
Stddev	.00311	.0075	.00461	.0064	.00313	.0126	.00325	.00008	.00097
%RSD	.41002	.40861	.48893	.31645	.38809	.61462	.72601	.04302	.48551

#1	.75949	1.8397	.93795	2.0252	.80235	2.0310	.44431	.19514	.19834
#2	.76242	1.8285	.94645	2.0231	.80858	2.0471	.44611	.19498	.19974
#3	.75620	1.8428	.94529	2.0132	.80511	2.0558	.45061	.19511	.20020

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	185.52	.41373	.19699	.28780	2.8849	.33288	4.2380	.48736	.07071
Stddev	.21	.00055	.00078	.00093	.0058	.00019	.0463	.00299	.00083
%RSD	.11142	.13341	.39710	.32475	.20104	.05718	1.0929	.61297	1.1669

#1	185.55	.41427	.19633	.28673	2.8914	.33309	4.1846	.48391	.07049
#2	185.30	.41317	.19786	.28843	2.8830	.33272	4.2673	.48893	.07002
#3	185.71	.41377	.19679	.28825	2.8803	.33282	4.2620	.48922	.07163

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	319.77	.31029	.26134	11.703	.41394	.30509	.80221	2.1639	.69766
Stddev	.70	.00135	.00151	.066	.00105	.00761	.00080	.0023	.00155
%RSD	.21926	.43643	.57961	.56510	.25372	2.4955	.09911	.10634	.22267

#1	320.51	.30892	.25970	11.631	.41282	.30202	.80297	2.1655	.69597
#2	319.11	.31163	.26268	11.718	.41490	.29948	.80227	2.1613	.69903
#3	319.68	.31032	.26165	11.761	.41410	.31376	.80138	2.1650	.69797

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20071	.20184	5.897	.65045	2.3427	31.186
Stddev	.00170	.00178	.019	.00189	.7844	4.474
%RSD	.84557	.88034	.3201	.29048	33.483	14.348

#1	.20165	.20082	5.909	.65255	2.8172	30.832
#2	.20172	.20389	5.875	.64888	2.7736	26.899
#3	.19875	.20081	5.907	.64992	1.4373	35.826

Sample Name: K2228-22A Acquired: 4/5/2019 2:20:13 Type: Unk
 Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LCSW 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	3835.9	72318.	6855.1	96.784	5084.9
Stddev	5.6	56.	47.9	.679	10.0
%RSD	.14535	.07778	.69875	.70113	.19691
#1	3832.4	72310.	6803.0	96.482	5086.5
#2	3842.4	72267.	6865.1	97.561	5094.0
#3	3833.0	72378.	6897.2	96.308	5074.2

Sample Name: CCV16 Acquired: 4/5/2019 2:24:29 Type: Unk
Method: P4-ICP2(v3020) 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	4.8477	4.9861	4.9524	5.0033	5.0641	10.060	9.7493	.24849
Stddev	.0081	.0336	.0017	.0074	.0068	.106	.0459	.00060
%RSD	.16689	.67421	.03446	.14804	.13344	1.0513	.47064	.24342
#1	4.8565	5.0190	4.9520	5.0058	5.0717	9.9382	9.7629	.24781
#2	4.8461	4.9874	4.9509	4.9950	5.0616	10.125	9.6982	.24898
#3	4.8405	4.9518	4.9543	5.0092	5.0589	10.117	9.7869	.24867
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5729	26.288	1.0480	2.4859	1.2153	4.9655	2.5418	24.827
Stddev	.0034	.070	.0005	.0029	.0019	.0043	.0094	.402
%RSD	.13106	.26707	.04754	.11633	.15263	.08560	.36821	1.6178
#1	2.5760	26.259	1.0480	2.4887	1.2173	4.9613	2.5312	24.376
#2	2.5732	26.237	1.0475	2.4861	1.2148	4.9698	2.5455	24.960
#3	2.5693	26.368	1.0484	2.4829	1.2137	4.9652	2.5487	25.145
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4674	1.2669	24.410	2.5217	2.4649	24.711	5.0536	4.9594
Stddev	.0051	.0035	.128	.0032	.0009	.097	.0039	.0230
%RSD	.20810	.27542	.52576	.12812	.03751	.39143	.07663	.46390
#1	2.4732	1.2639	24.262	2.5180	2.4659	24.601	5.0578	4.9349
#2	2.4653	1.2660	24.467	2.5226	2.4644	24.750	5.0528	4.9628
#3	2.4636	1.2707	24.499	2.5243	2.4643	24.782	5.0502	4.9806
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8104	5.0163	4.9659	5.0744	4.9374	4.876	5.0835	F 1.1393
Stddev	.0200	.0411	.0105	.0055	.0467	.017	.0339	.7188
%RSD	.41663	.81936	.21123	.10796	.94666	.3478	.66739	63.084
#1	4.8315	5.0638	4.9779	5.0713	4.9912	4.895	5.1224	1.9570
#2	4.8081	4.9925	4.9609	5.0712	4.9144	4.870	5.0601	.60748
#3	4.7916	4.9927	4.9588	5.0807	4.9067	4.863	5.0679	.85351

Sample Name: CCV16 Acquired: 4/5/2019 2:24:29 Type: Unk
Method: P4-ICP2(v3020) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 28.687
Stddev	2.882
%RSD	10.045

#1	32.014
#2	26.990
#3	27.057

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4076.9	75595.	6984.2	99.316	5450.8
Stddev	3.0	280.	53.4	2.794	8.9
%RSD	.07375	.37019	.76403	2.8132	.16314

#1	4073.7	75876.	6922.6	96.090	5440.6
#2	4079.6	75591.	7017.3	100.95	5455.2
#3	4077.3	75317.	7012.7	100.90	5456.7

Sample Name: CCB16 Acquired: 4/5/2019 2:28:35 Type: Unk
Method: P4-ICP2(v3020) 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	.00043	-.00114	-.00005	.00291	.00002	.00685	.00171
Stddev	.00158	.00120	.00041	.00126	.00157	.00271	.00022
%RSD	368.51	105.19	771.67	43.311	7091.0	39.513	12.653

#1	-.00040	-.00132	.00011	.00214	.00115	.00781	.00196
#2	-.00056	.00014	-.00052	.00437	.00068	.00379	.00161
#3	.00225	-.00225	.00025	.00223	-.00177	.00894	.00157

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	.00008	-.00745	.00072	.00023	-.00029	.00505
Stddev	.00006	.00003	.00876	.00033	.00014	.00034	.00016
%RSD	79.257	40.285	117.58	45.435	59.153	117.18	3.1093

#1	-.00014	.00009	.00101	.00070	.00014	-.00062	.00510
#2	-.00001	.00004	-.01648	.00106	.00016	.00006	.00488
#3	-.00010	.00010	-.00687	.00040	.00039	-.00031	.00518

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	-.00625	-.00056	.00146	-.04874	.00071	-.00017
Stddev	.00010	.02740	.00012	.00052	.01263	.00021	.00010
%RSD	129.65	438.35	20.488	35.550	25.920	29.694	58.683

#1	-.00011	-.02245	-.00043	.00109	-.03785	.00047	-.00007
#2	.00003	-.02168	-.00066	.00123	-.06259	.00081	-.00027
#3	-.00016	.02538	-.00060	.00205	-.04576	.00086	-.00018

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08786	.00027	-.01058	-.00293	-.00102	-.00265	-.00057
Stddev	.03368	.00003	.00986	.00191	.00045	.00028	.00142
%RSD	38.330	10.947	93.236	65.259	43.878	10.582	248.24

#1	.12656	.00027	-.01690	-.00388	-.00093	-.00286	-.00066
#2	.07175	.00030	-.01562	-.00417	-.00062	-.00275	.00089
#3	.06526	.00024	.00079	-.00073	-.00150	-.00233	-.00194

Sample Name: CCB16 Acquired: 4/5/2019 2:28:35 Type: Unk
 Method: P4-ICP2(v3020) 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	-.00565	.0024	.00019	F<.00000	F 21.375
Stddev	.00046	.0003	.00004	.56985	3.059
%RSD	8.0580	12.87	23.999	22.747	14.309
#1	-.00592	.0021	.00023	-2.1209	18.395
#2	-.00591	.0023	.00019	-2.2347	24.506
#3	-.00512	.0027	.00014	-3.1599	21.225
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4174.8	77348.	6879.4	102.23	5981.8
Stddev	7.5	94.	22.1	1.04	11.9
%RSD	.18025	.12185	.32103	1.0176	.19855
#1	4168.7	77240.	6873.2	102.58	5975.3
#2	4183.2	77416.	6861.1	103.05	5995.5
#3	4172.4	77388.	6903.9	101.06	5974.6