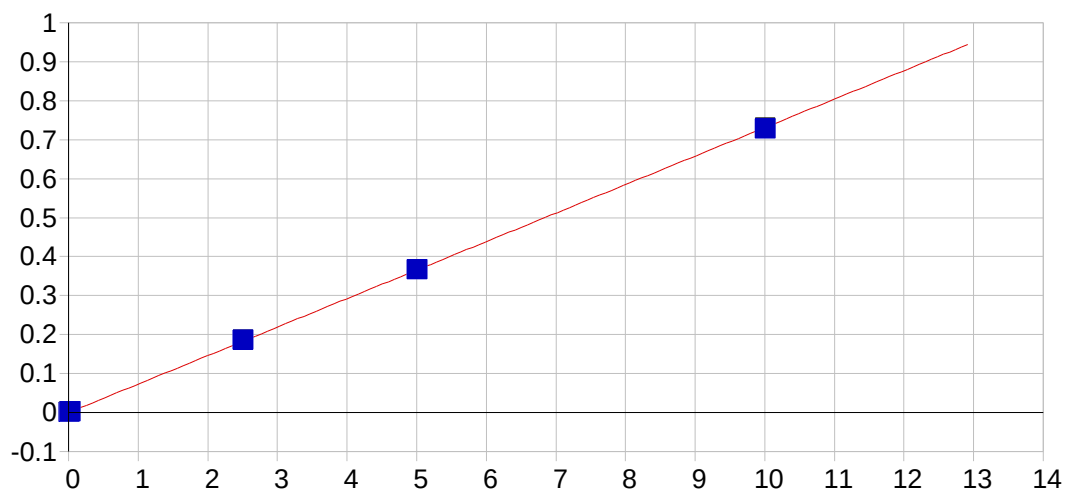


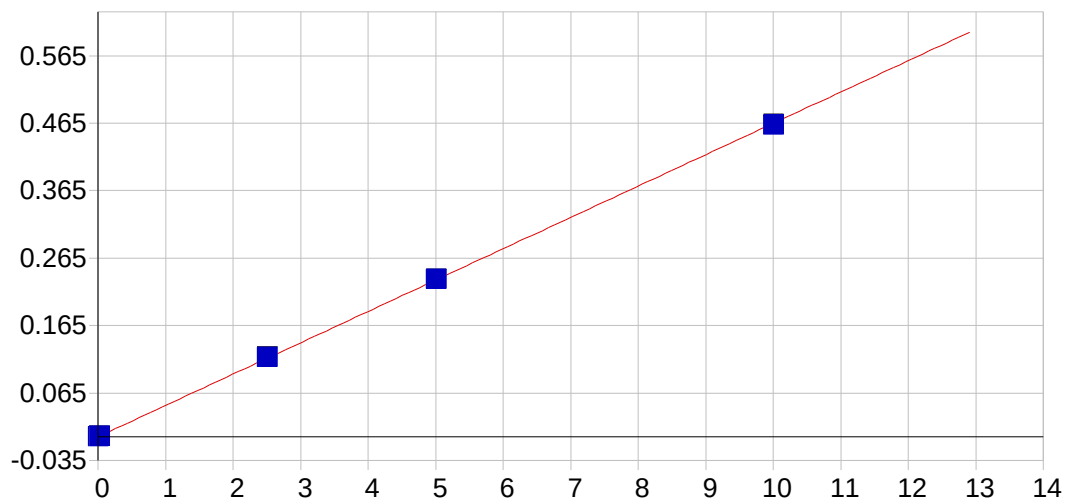


As 189.042 {478}

Date of Fit: 4/19/2019 15:13:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000103 Re-Slope: 1.000000
 A1 (Gain): 0.073119 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999980 Status: OK.
 Std Error of Est: 0.000011
 Predicted MDL: 0.002248
 Predicted MQL: 0.007494

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00010	.000	1
S1	.02000	.02028	.000	1.41	.00138	.000	1
S3	2.5000	2.5358	.036	1.43	.18530	.001	1
S4	5.0000	5.0066	.007	.132	.36595	.001	1
S5	10.000	9.9574	-.043	-.426	.72792	.001	1



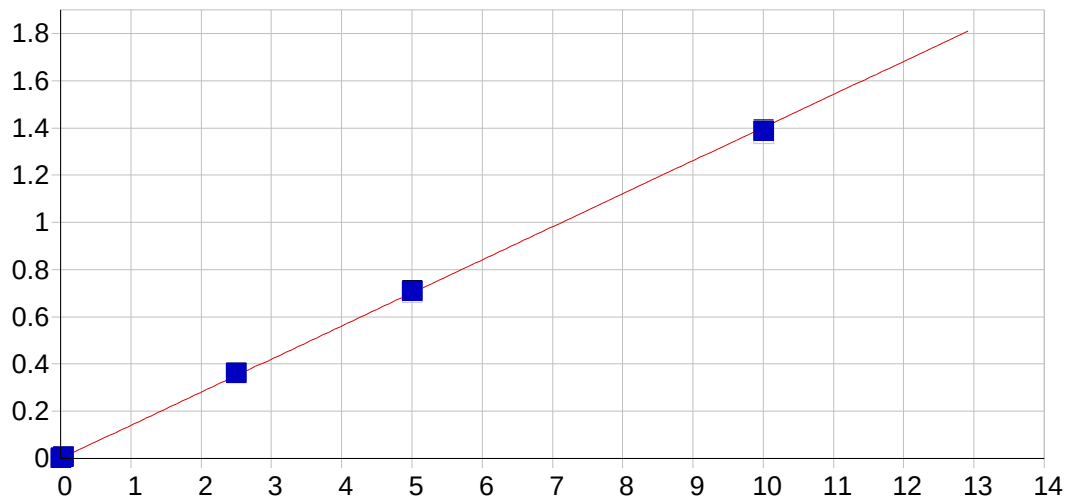
As 189.042 {479}

Date of Fit: 4/19/2019 15:13:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000008 Re-Slope: 1.000000

A1 (Gain): 0.046461 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999968 Status: OK.
 Std Error of Est: 0.000009
 Predicted MDL: 0.002261
 Predicted MQL: 0.007538

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00001	.000	1
S1	.02000	.02154	.002	7.68	.00101	.000	1
S3	2.5000	2.5389	.039	1.56	.11797	.000	1
S4	5.0000	5.0168	.017	.337	.23310	.001	1
S5	10.000	9.9427	-.057	-.573	.46197	.001	1

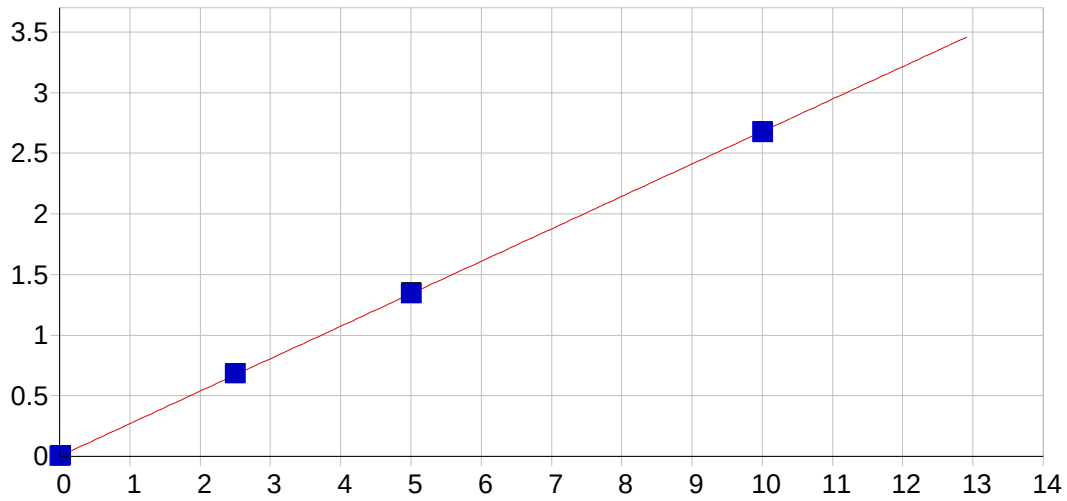


TI 190.856 {477}

Date of Fit: 4/19/2019 15:13:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000410 Re-Slope: 1.000000
 A1 (Gain): 0.140157 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999896 Status: OK.
 Std Error of Est: 0.000068
 Predicted MDL: 0.000958
 Predicted MQL: 0.003195

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00041	.000	1
S1	.04000	.04151	.002	3.77	.00608	.000	1
S3	2.5000	2.5694	.069	2.78	.35694	.001	1
S4	5.0000	5.0411	.041	.821	.69976	.002	1
S5	10.000	9.8880	-.112	-1.12	1.3719	.004	1

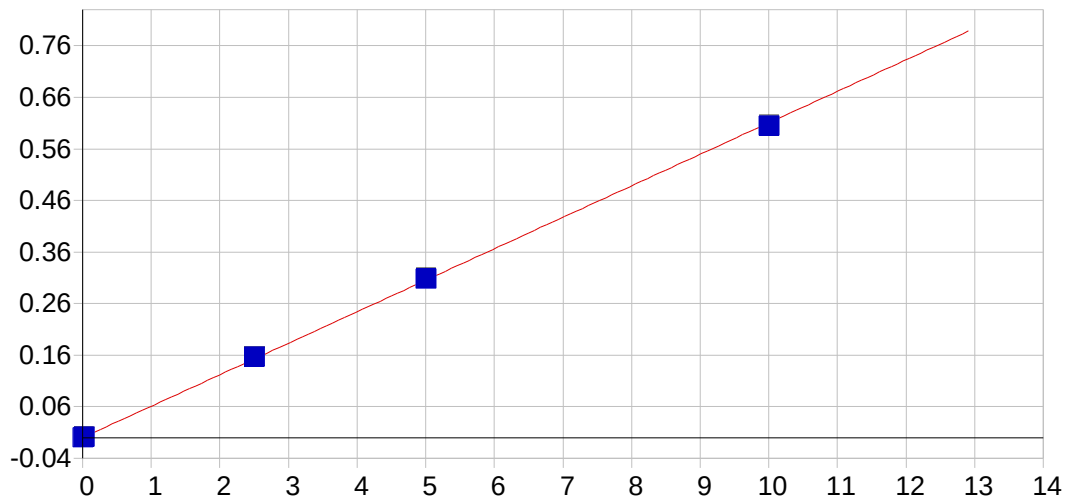


Pb 220.353 {453}

Date of Fit: 4/19/2019 15:13:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002587 Re-Slope: 1.000000
 A1 (Gain): 0.267665 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999984 Status: OK.
 Std Error of Est: 0.000028
 Predicted MDL: 0.000812
 Predicted MQL: 0.002707

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00259	.000	1
S1	.01200	.01228	.000	2.35	.00581	.000	1
S3	2.5000	2.5316	.032	1.27	.67931	.002	1
S4	5.0000	5.0059	.006	.117	1.3407	.003	1
S5	10.000	9.9622	-.038	-.378	2.6655	.005	1



Se 196.090 {472}

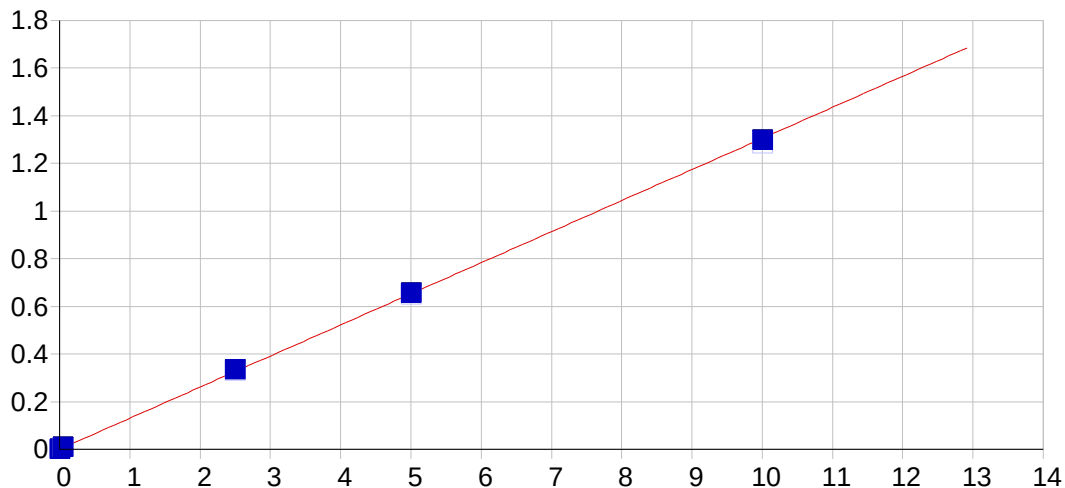
Date of Fit: 4/19/2019 15:13:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000049 Re-Slope: 1.000000
 A1 (Gain): 0.061063 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999929
 Std Error of Est: 0.000018
 Predicted MDL: 0.002543
 Predicted MQL: 0.008477

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00005	.000	1
S1	.02000	.01995	-.000	-.261	.00117	.000	1
S3	2.5000	2.5530	.053	2.12	.15581	.000	1
S4	5.0000	5.0449	.045	.899	.30794	.000	1
S5	10.000	9.9021	-.098	-.979	.60447	.001	1



Sb 206.833 {463}

Date of Fit: 4/19/2019 15:13:51

Type of Fit: Linear

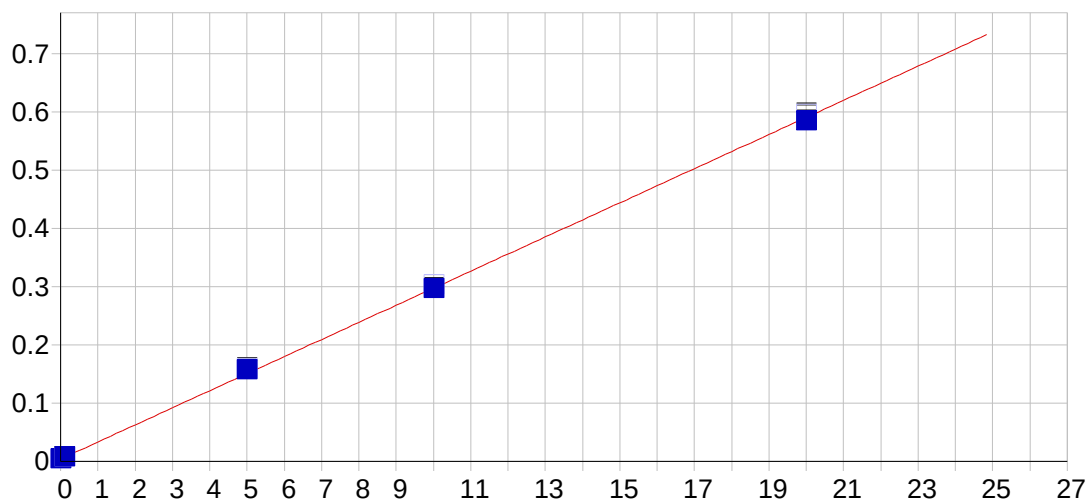
Weighting: 1/Conc

A0 (Offset): 0.000264
 A1 (Gain): 0.130470
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999956
 Std Error of Est: 0.000046
 Predicted MDL: 0.001453
 Predicted MQL: 0.004842

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	.00026	.000	1
S1	.05000	.05243	.002	4.87	.00694	.000	1
S3	2.5000	2.5475	.047	1.90	.32896	.000	1
S4	5.0000	5.0164	.016	.328	.64742	.001	1
S5	10.000	9.9337	-.066	-.663	1.2817	.002	1

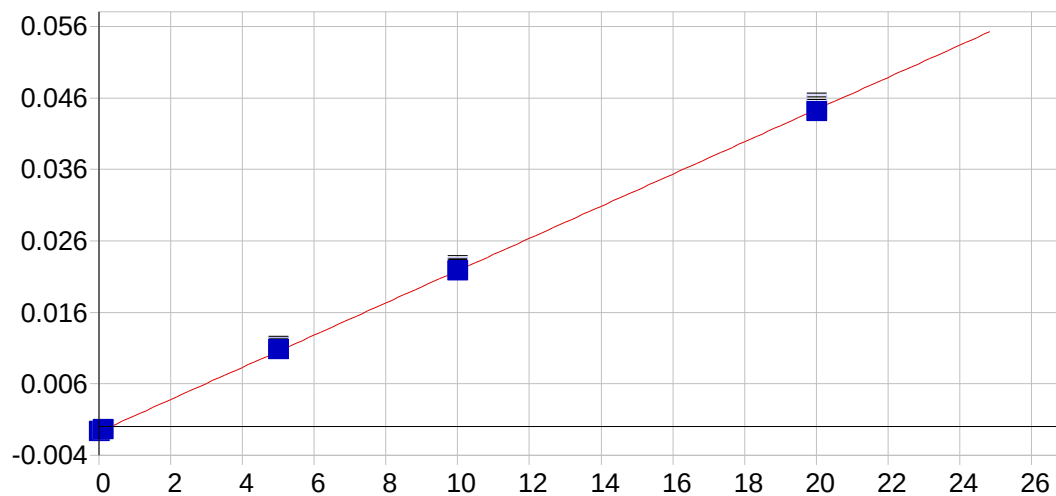


AI 308.215 {109}

Date of Fit: 4/19/2019 15:13:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003979 Re-Slope: 1.000000
 A1 (Gain): 0.029322 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999828 Status: OK.
 Std Error of Est: 0.000042
 Predicted MDL: 0.002834
 Predicted MQL: 0.009448

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00398	.000	1
S1	.10000	.11414	.014	14.1	.00753	.000	1
S3	5.0000	5.2031	.203	4.06	.15946	.001	1
S4	10.000	9.9969	-.003	-.031	.30295	.000	1
S5	20.000	19.785	-.215	-1.07	.59579	.002	1



AI 309.271 {109}

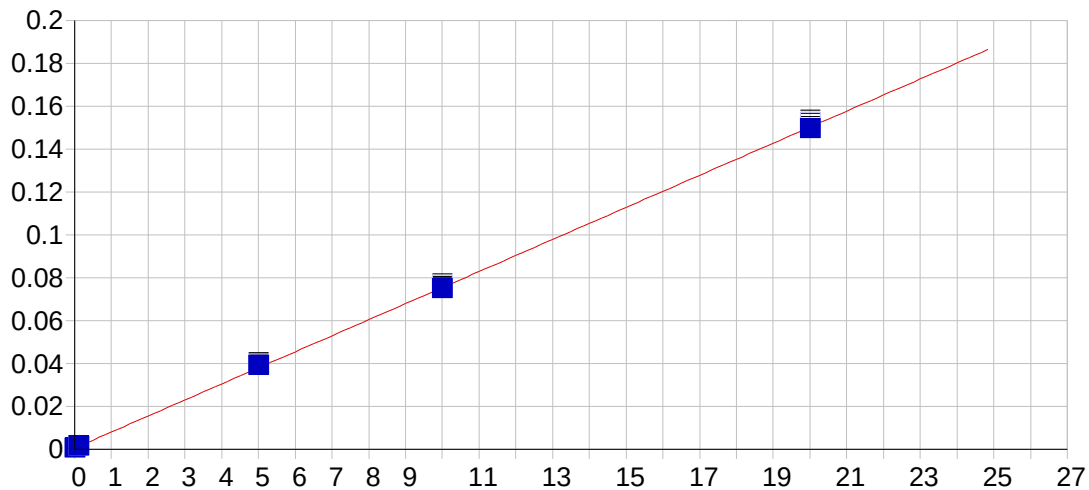
Date of Fit: 4/19/2019 15:13:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000701 Re-Slope: 1.000000
 A1 (Gain): 0.002253 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999896
 Std Error of Est: 0.000003
 Predicted MDL: 0.027063
 Predicted MQL: 0.090210

Status: OK.

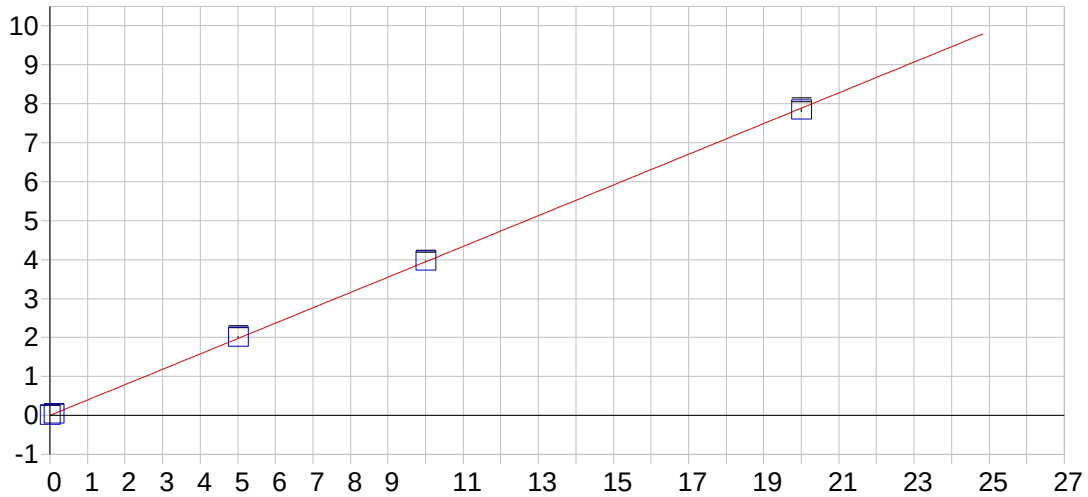
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	-.00070	.000	1
S1	.10000	.12141	.021	21.4	-.00041	.000	1
S3	5.0000	5.1078	.108	2.16	.01103	.000	1
S4	10.000	9.9814	-.019	-.186	.02224	.000	1
S5	20.000	19.888	-.112	-.558	.04500	.000	1



Date of Fit: 4/19/2019 15:13:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000574 Re-Slope: 1.000000
 A1 (Gain): 0.007484 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999897 Status: OK.
 Std Error of Est: 0.000008
 Predicted MDL: 0.011149
 Predicted MQL: 0.037162

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00057	.000	1
S1	.10000	.11631	.016	16.3	.00150	.000	1
S3	5.0000	5.1410	.141	2.82	.03980	.001	1
S4	10.000	9.9331	-.067	-.669	.07641	.001	1
S5	20.000	19.909	-.091	-.456	.15256	.001	1

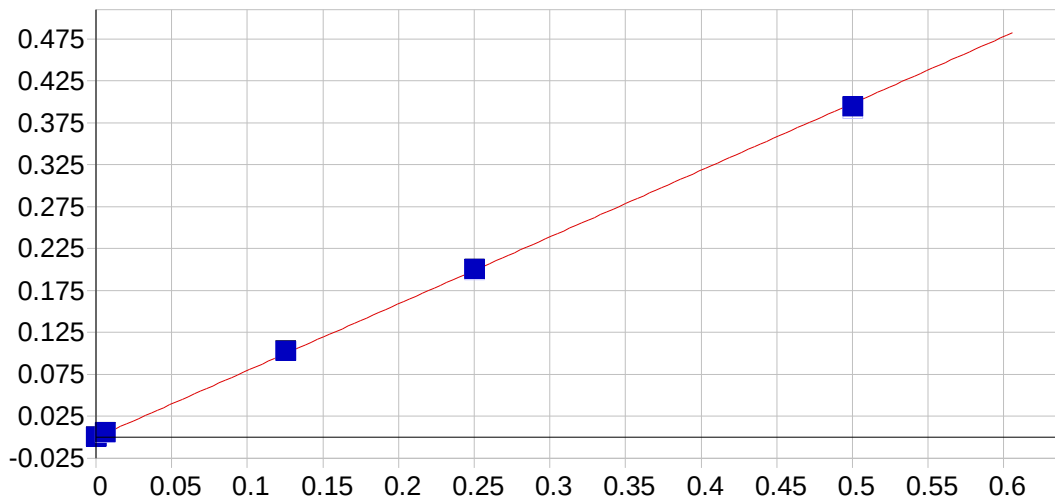


Ba 493.409 { 68}

Date of Fit: 4/19/2019 15:13:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001216 Re-Slope: 1.000000
 A1 (Gain): 0.394440 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999952 Status: OK.
 Std Error of Est: 0.000294
 Predicted MDL: 0.000521
 Predicted MQL: 0.001736

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00122	.000	1
S1	.10000	.10452	.005	4.52	.04001	.000	1
S3	5.0000	5.1042	.104	2.08	2.0121	.029	1
S5	20.000	19.866	-.134	-.671	7.8346	.049	1
S4	10.000	10.025	.025	.255	3.9532	.024	1



Be 234.861 {144}

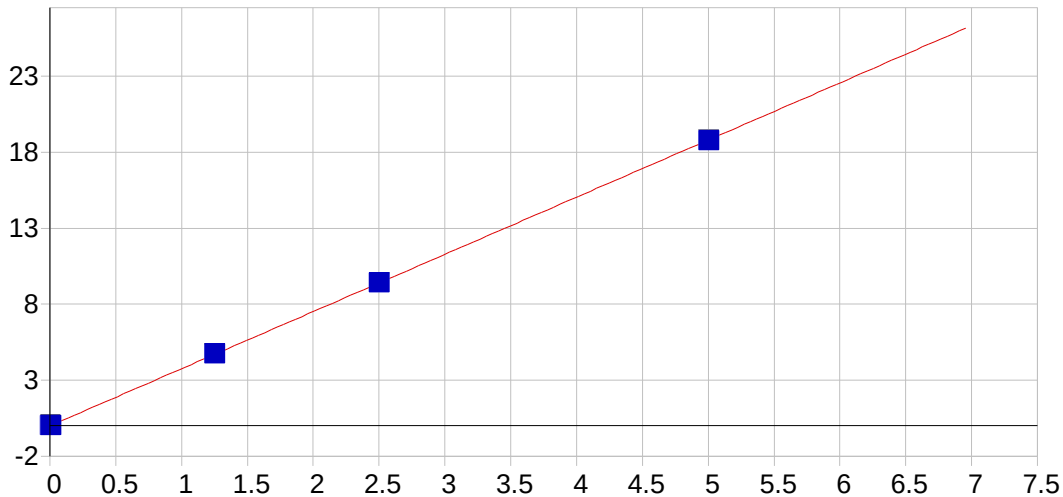
Date of Fit: 4/19/2019 15:13:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000009 Re-Slope: 1.000000
 A1 (Gain): 0.796410 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999860
 Std Error of Est: 0.000039
 Predicted MDL: 0.000068
 Predicted MQL: 0.000228

Status: OK.

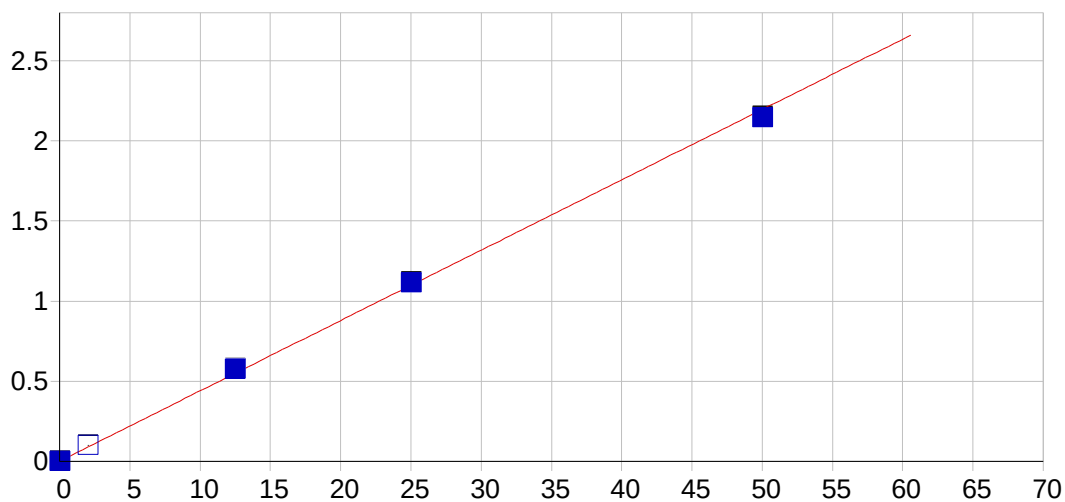
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00001	.000	1
S1	.00600	.00649	.000	8.10	.00511	.000	1
S3	.12500	.12912	.004	3.30	.10220	.001	1
S4	.25000	.25103	.001	.411	.19866	.000	1
S5	.50000	.49436	-.006	-1.13	.39120	.001	1



Date of Fit: 4/19/2019 15:13:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000259 Re-Slope: 1.000000
 A1 (Gain): 3.759547 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999997 Status: OK.
 Std Error of Est: 0.000092
 Predicted MDL: 0.000065
 Predicted MQL: 0.000218

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00026	.000	1
S1	.00600	.00606	.000	1.00	.02257	.000	1
S3	1.2500	1.2577	.008	.615	4.7292	.015	1
S4	2.5000	2.5002	.000	.009	9.4016	.018	1
S5	5.0000	4.9920	-.008	-.159	18.772	.035	1

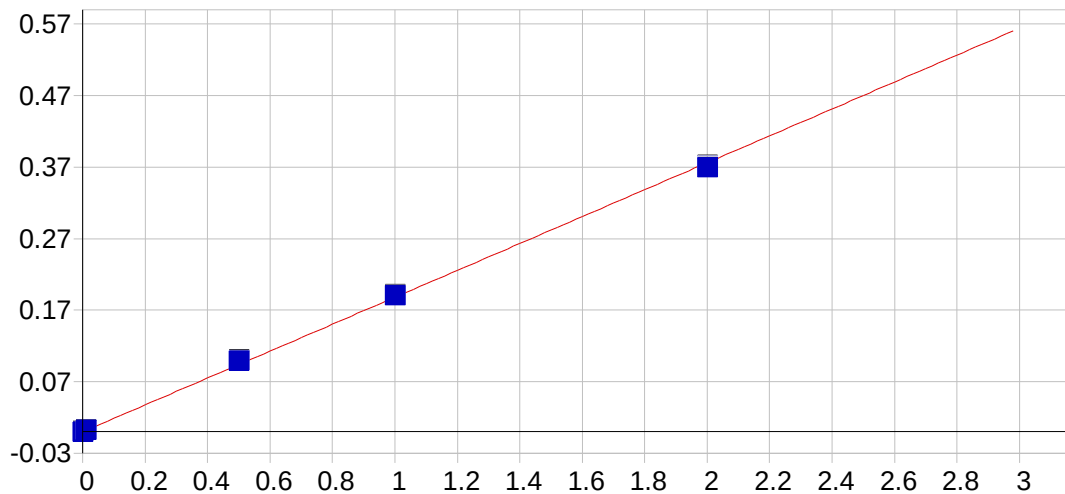


Ca 373.690 { 90}

Date of Fit: 4/19/2019 15:13:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000915 Re-Slope: 1.000000
 A1 (Gain): 0.043907 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999485 Status: OK.
 Std Error of Est: 0.000770
 Predicted MDL: 0.015535
 Predicted MQL: 0.051782

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.2395	.240	12.0	.09925	.000	1
S0	.00000	-.00032	-.000	.000	.00090	.000	1
S3	12.500	13.122	.622	4.97	.57735	.003	1
S4	25.000	25.329	.329	1.32	1.1136	.004	1
S5	50.000	48.810	-1.19	-2.38	2.1452	.009	1



Cr 267.716 {126}

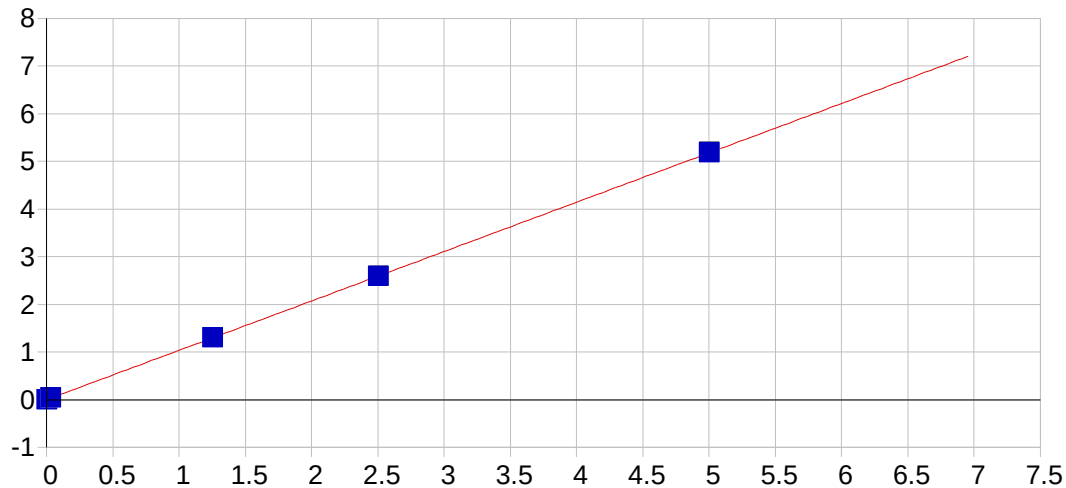
Date of Fit: 4/19/2019 15:13:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000050 Re-Slope: 1.000000
 A1 (Gain): 0.188106 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999684
 Std Error of Est: 0.000036
 Predicted MDL: 0.000408
 Predicted MQL: 0.001360

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00005	.000	1
S1	.01000	.01091	.001	9.07	.00201	.000	1
S3	.50000	.52631	.026	5.26	.09969	.001	1
S4	1.0000	1.0099	.010	.991	.19140	.000	1
S5	2.0000	1.9629	-.037	-1.86	.37214	.000	1



Co 228.616 {447}

Date of Fit: 4/19/2019 15:13:51

Type of Fit: Linear

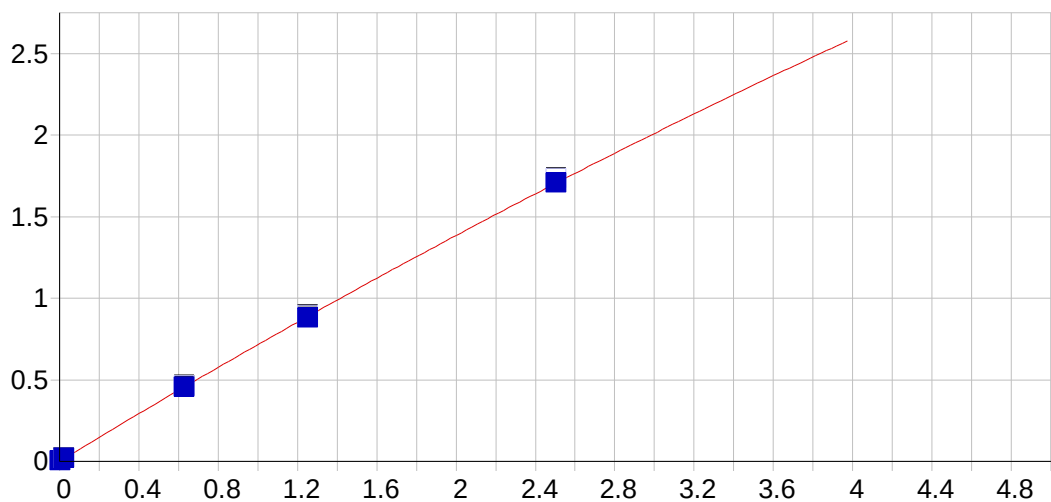
Weighting: 1/Conc

A0 (Offset): -0.000392
 A1 (Gain): 1.036135
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999998
 Std Error of Est: 0.000048
 Predicted MDL: 0.000201
 Predicted MQL: 0.000670

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	-.00039	.000	1
S1	.03000	.02989	-.000	-.353	.03037	.000	1
S3	1.2500	1.2548	.005	.381	1.3007	.002	1
S4	2.5000	2.4924	-.008	-.306	2.5841	.005	1
S5	5.0000	5.0030	.003	.060	5.1874	.011	1

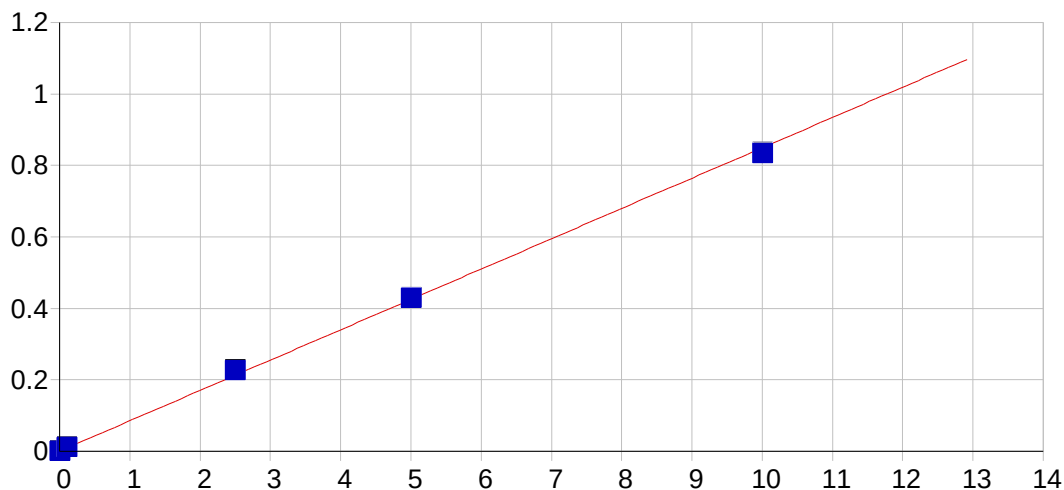


Cu 224.700 {450}

Date of Fit: 4/19/2019 15:13:51 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.002115 Re-Slope: 1.000000
 A1 (Gain): 0.735384 Y-int: 0.000000
 A2 (Curvature): -0.021996
 n (Exponent): 1.000000
 Correlation: 0.999977 Status: OK.
 Std Error of Est: 0.000072
 Predicted MDL: 0.000359
 Predicted MQL: 0.001197

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00211	.000	1
S1	.02000	.02128	.001	6.41	.01798	.000	1
S3	.62500	.62971	.005	.753	.46390	.001	1
S4	1.2500	1.2399	-.010	-.807	.89497	.002	1
S5	2.5000	2.5041	.004	.166	1.7354	.001	1



Fe 240.488 {140}

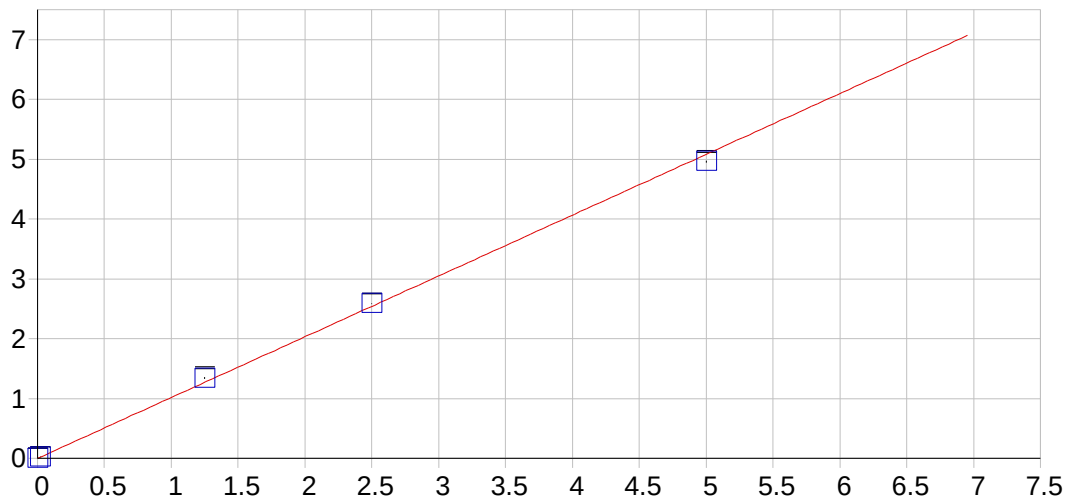
Date of Fit: 4/19/2019 15:13:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000636 Re-Slope: 1.000000
 A1 (Gain): 0.084872 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999610
 Std Error of Est: 0.000129
 Predicted MDL: 0.000709
 Predicted MQL: 0.002365

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00063	.000	1
S1	.10000	.10959	.010	9.59	.00998	.000	1
S3	2.5000	2.6468	.147	5.87	.22607	.002	1
S4	5.0000	5.0419	.042	.839	.43014	.000	1
S5	10.000	9.8017	-.198	-1.98	.83569	.001	1



Mn 257.610 {131}

Date of Fit: 4/19/2019 15:13:51

Type of Fit: Linear

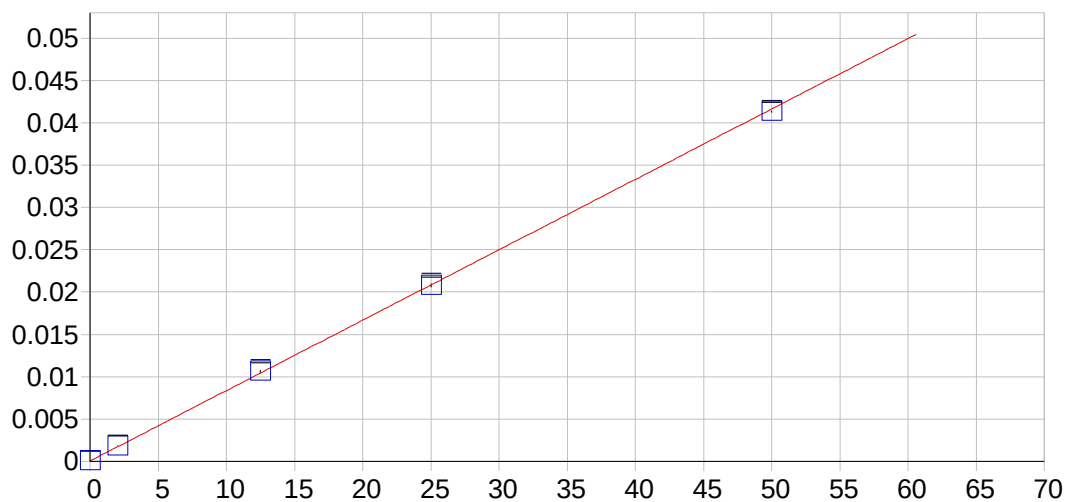
Weighting: 1/Conc

A0 (Offset): 0.000097
 A1 (Gain): 1.016341
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999548
 Std Error of Est: 0.000522
 Predicted MDL: 0.000064
 Predicted MQL: 0.000212

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	.00009	.000	1
S1	.02000	.02284	.003	14.2	.02331	.000	1
S3	1.2500	1.3207	.071	5.65	1.3424	.012	1
S4	2.5000	2.5439	.044	1.76	2.5856	.002	1
S5	5.0000	4.8825	-.117	-2.35	4.9624	.014	1

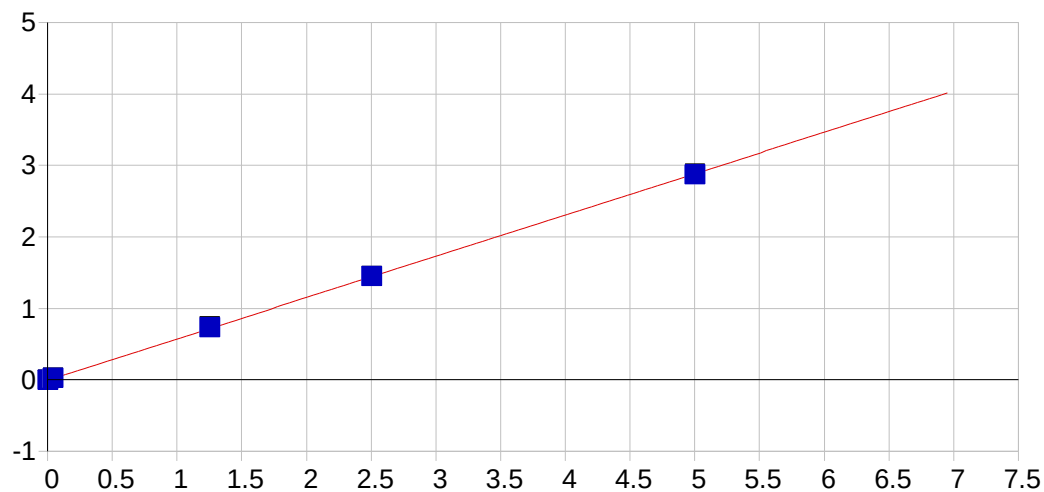


Mg 279.079 {121}

Date of Fit: 4/19/2019 15:13:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000048 Re-Slope: 1.000000
 A1 (Gain): 0.000832 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999896 Status: OK.
 Std Error of Est: 0.000007
 Predicted MDL: 0.037312
 Predicted MQL: 0.124372

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1568	.157	7.84	.00184	.000	1
S0	.00000	-.00018	-.000	.000	.00005	.000	1
S3	12.500	12.724	.224	1.79	.01063	.000	1
S4	25.000	24.954	-.046	-.182	.02080	.000	1
S5	50.000	49.665	-.335	-.670	.04135	.000	1



Ni 231.604 {445}

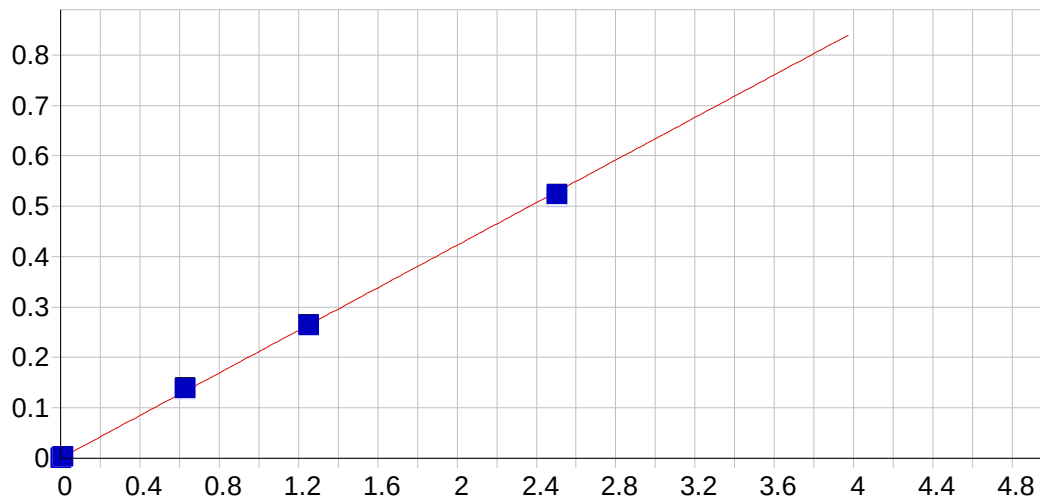
Date of Fit: 4/19/2019 15:13:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.005588 Re-Slope: 1.000000
 A1 (Gain): 0.578049 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999959
 Std Error of Est: 0.000127
 Predicted MDL: 0.000380
 Predicted MQL: 0.001266

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00559	.000	1
S1	.04000	.04135	.001	3.37	.01833	.000	1
S3	1.2500	1.2749	.025	2.00	.73218	.002	1
S4	2.5000	2.5034	.003	.137	1.4431	.004	1
S5	5.0000	4.9703	-.030	-.594	2.8706	.003	1



Ag 328.068 {103}

Date of Fit: 4/19/2019 15:13:51

Type of Fit: Linear

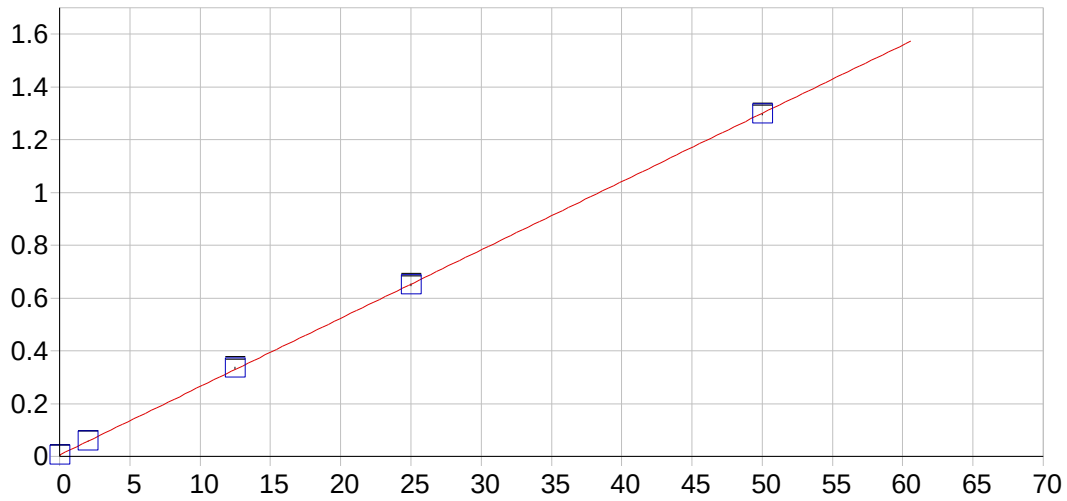
Weighting: 1/Conc

A0 (Offset): 0.000340
 A1 (Gain): 0.211224
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999841
 Std Error of Est: 0.000032
 Predicted MDL: 0.000544
 Predicted MQL: 0.001812

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	.00034	.000	1
S1	.01000	.01062	.001	6.17	.00254	.000	1
S3	.62500	.65080	.026	4.13	.13631	.001	1
S4	1.2500	1.2492	-.001	-.066	.26120	.000	1
S5	2.5000	2.4744	-.026	-1.02	.51701	.000	1

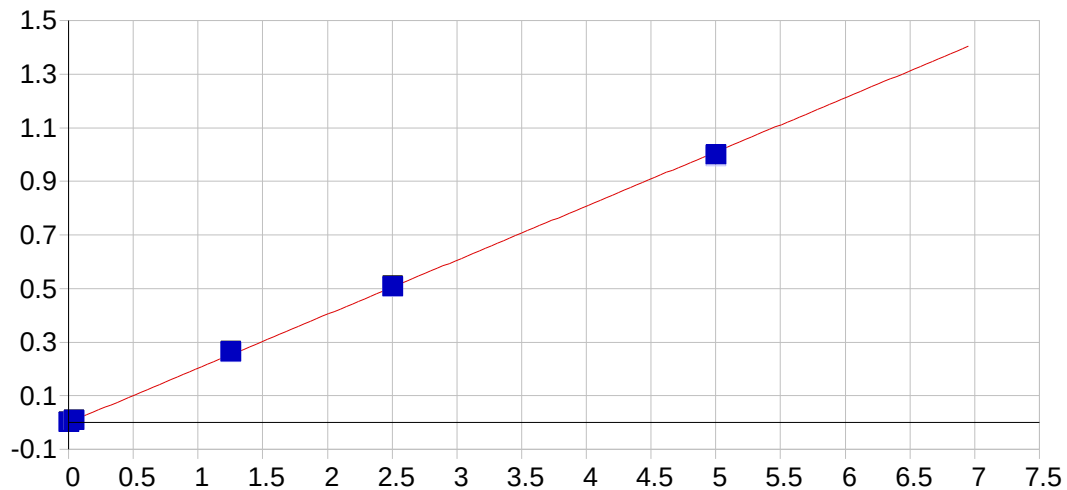


Na 589.592 { 57}

Date of Fit: 4/19/2019 15:13:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005597 Re-Slope: 1.000000
 A1 (Gain): 0.025889 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999977 Status: OK.
 Std Error of Est: 0.000095
 Predicted MDL: 0.009141
 Predicted MQL: 0.030472

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0265	.026	1.32	.05806	.000	1
S0	.00000	-.00005	-.000	.000	.00560	.000	1
S3	12.500	12.696	.196	1.56	.33428	.005	1
S4	25.000	24.920	-.080	-.322	.65075	.005	1
S5	50.000	49.858	-.142	-.283	1.2964	.004	1



V 292.402 {115}

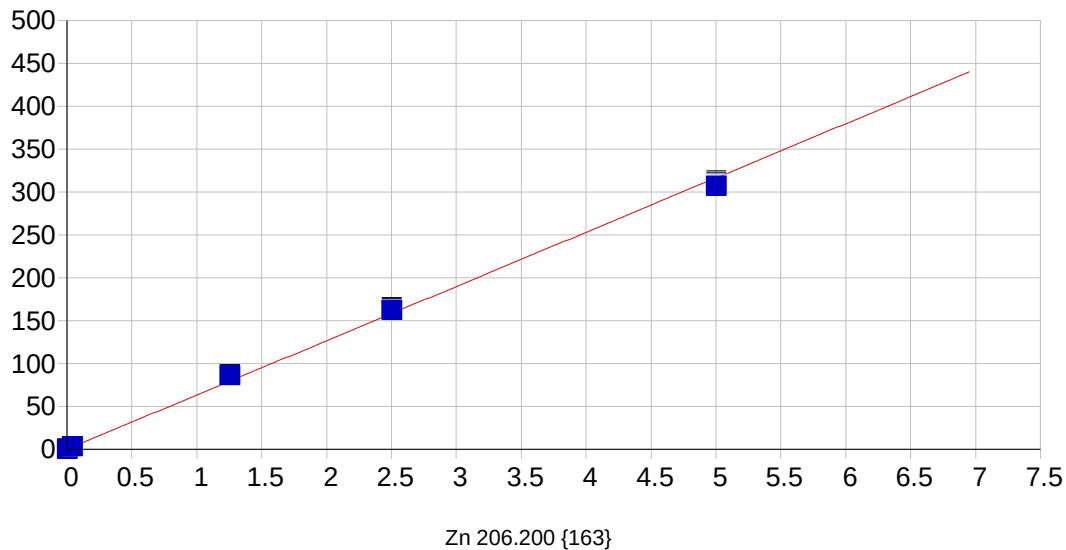
Date of Fit: 4/19/2019 15:13:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000003 Re-Slope: 1.000000
 A1 (Gain): 0.201918 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999846
 Std Error of Est: 0.000085
 Predicted MDL: 0.000435
 Predicted MQL: 0.001450

Status: OK.

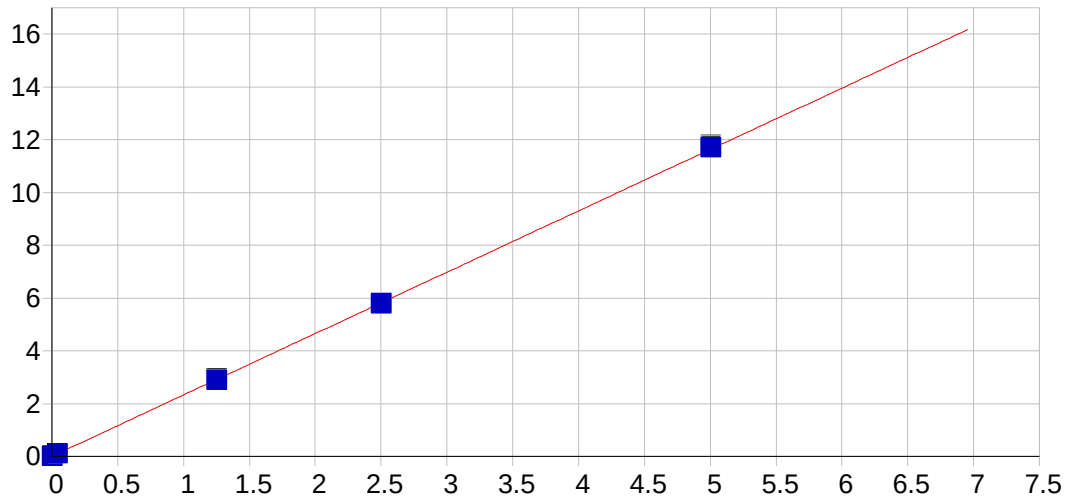
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00000	.000	1
S1	.04000	.04151	.002	3.77	.00826	.000	1
S3	1.2500	1.2985	.048	3.88	.26053	.002	1
S4	2.5000	2.5092	.009	.366	.50335	.001	1
S5	5.0000	4.9409	-.059	-1.18	.99106	.001	1



Date of Fit: 4/19/2019 15:13:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.095228 Re-Slope: 1.000000
 A1 (Gain): 63.261159 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999201 Status: OK.
 Std Error of Est: 0.061574
 Predicted MDL: 0.000340
 Predicted MQL: 0.001135

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.09487	.049	1
S1	.04000	.04277	.003	6.92	2.8175	.048	1
S3	1.2500	1.3504	.100	8.04	86.004	.813	1
S4	2.5000	2.5526	.053	2.10	162.53	2.42	1
S5	5.0000	4.8442	-.156	-3.12	308.46	4.11	1

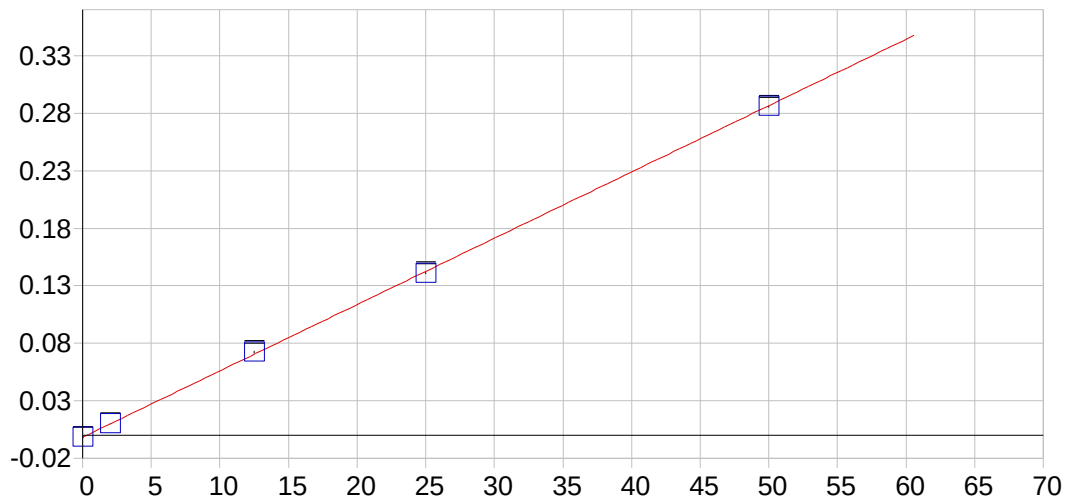


Zn 213.856 {458}

Date of Fit: 4/19/2019 15:13:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002877 Re-Slope: 1.000000
 A1 (Gain): 2.325225 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999984 Status: OK.
 Std Error of Est: 0.000320
 Predicted MDL: 0.000077
 Predicted MQL: 0.000258

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00288	.000	1
S1	.04000	.03895	-.001	-2.62	.09409	.000	1
S3	1.2500	1.2449	-.005	-.410	2.9160	.008	1
S4	2.5000	2.4824	-.018	-.702	5.8122	.014	1
S5	5.0000	5.0237	.024	.475	11.758	.026	1



K 766.490 {44}

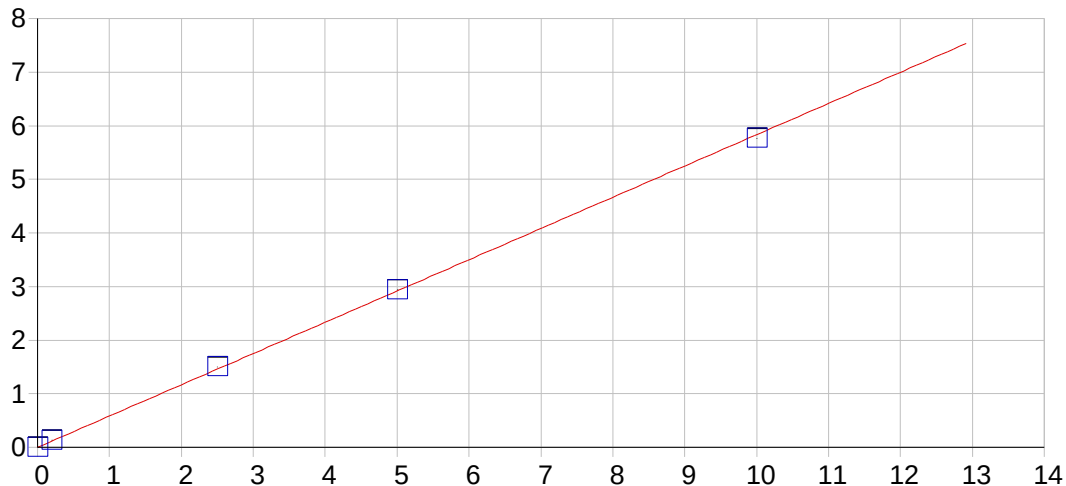
Date of Fit: 4/19/2019 15:13:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001655 Re-Slope: 1.000000
 A1 (Gain): 0.005765 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999925
 Std Error of Est: 0.000038
 Predicted MDL: 0.041412
 Predicted MQL: 0.138040

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0725	.072	3.62	.01029	.000	1
S0	.00000	-.00010	-.000	.000	-.00166	.000	1
S3	12.500	12.811	.311	2.49	.07220	.001	1
S4	25.000	24.743	-.257	-1.03	.14098	.001	1
S5	50.000	49.873	-.127	-.254	.28584	.001	1



Mo 202.030 {467}

Date of Fit: 4/19/2019 15:13:51

Type of Fit: Linear

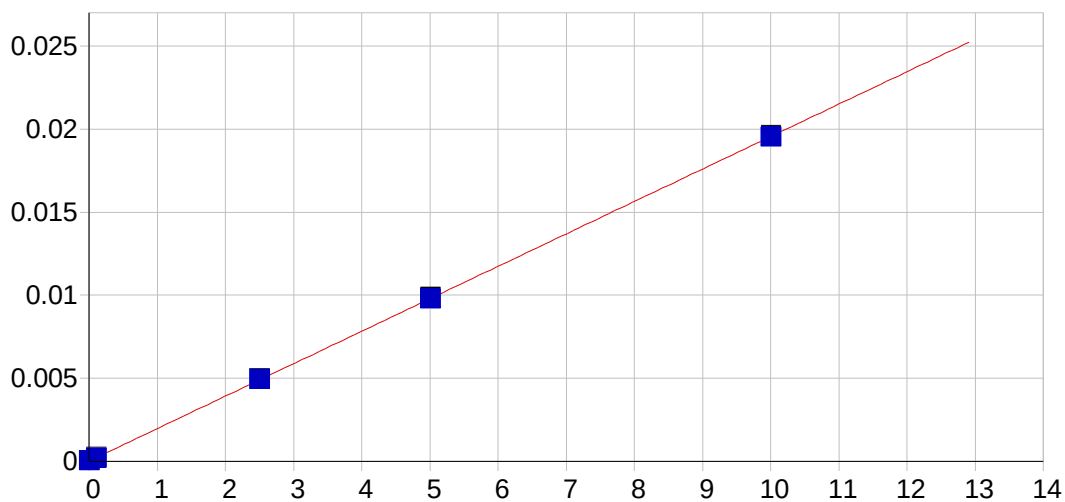
Weighting: 1/Conc

A0 (Offset): 0.000067
 A1 (Gain): 0.583211
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999857
 Std Error of Est: 0.000757
 Predicted MDL: 0.000260
 Predicted MQL: 0.000868

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	.00005	.000	1
S1	.20000	.21633	.016	8.17	.12623	.001	1
S3	2.5000	2.5729	.073	2.91	1.5006	.003	1
S4	5.0000	5.0299	.030	.597	2.9335	.002	1
S5	10.000	9.8810	-.119	-1.19	5.7628	.009	1

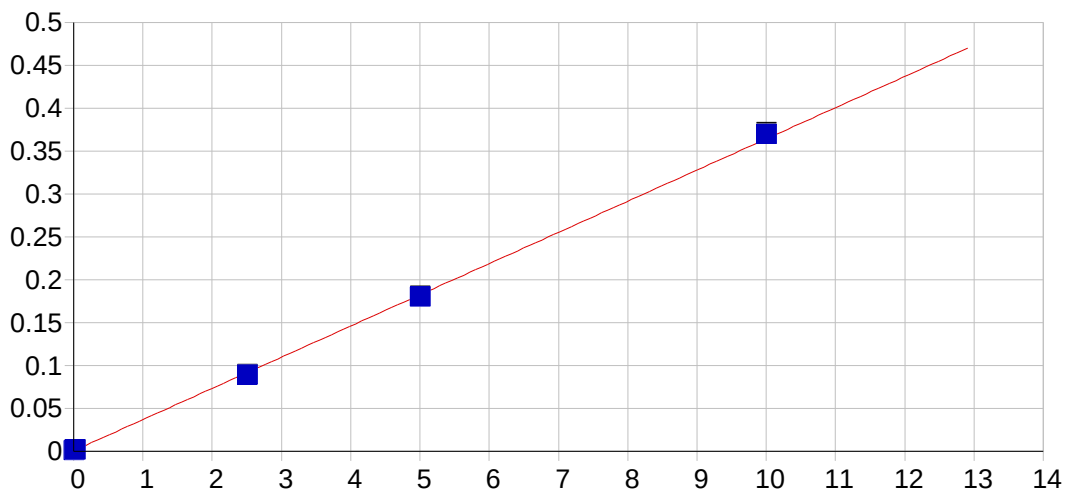


B 249.678 {135}

Date of Fit: 4/19/2019 15:13:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000020 Re-Slope: 1.000000
 A1 (Gain): 0.001953 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999994 Status: OK.
 Std Error of Est: 0.000000
 Predicted MDL: 0.012171
 Predicted MQL: 0.040571

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00002	.000	1
S1	.10000	.09629	-.004	-3.71	.00021	.000	1
S3	2.5000	2.5130	.013	.520	.00492	.000	1
S4	5.0000	4.9947	-.005	-.107	.00975	.000	1
S5	10.000	9.9960	-.004	-.040	.01949	.000	1



S 182.034 {485}

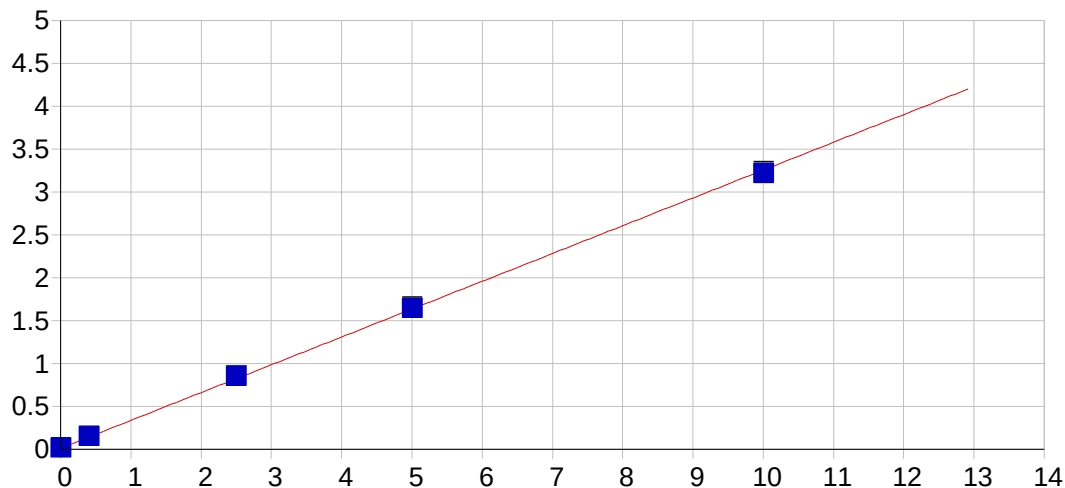
Date of Fit: 4/19/2019 15:13:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000658 Re-Slope: 1.000000
 A1 (Gain): 0.036367 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999846
 Std Error of Est: 0.000015
 Predicted MDL: 0.002642
 Predicted MQL: 0.008805

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00066	.000	1
S1	.02000	.01891	-.001	-5.44	.00132	.000	1
S3	2.5000	2.4250	-.075	-3.00	.08875	.000	1
S4	5.0000	4.9309	-.069	-1.38	.17978	.001	1
S5	10.000	10.145	.145	1.45	.36920	.002	1



Si 288.158 {117}

Date of Fit: 4/19/2019 15:13:51

Type of Fit: Linear

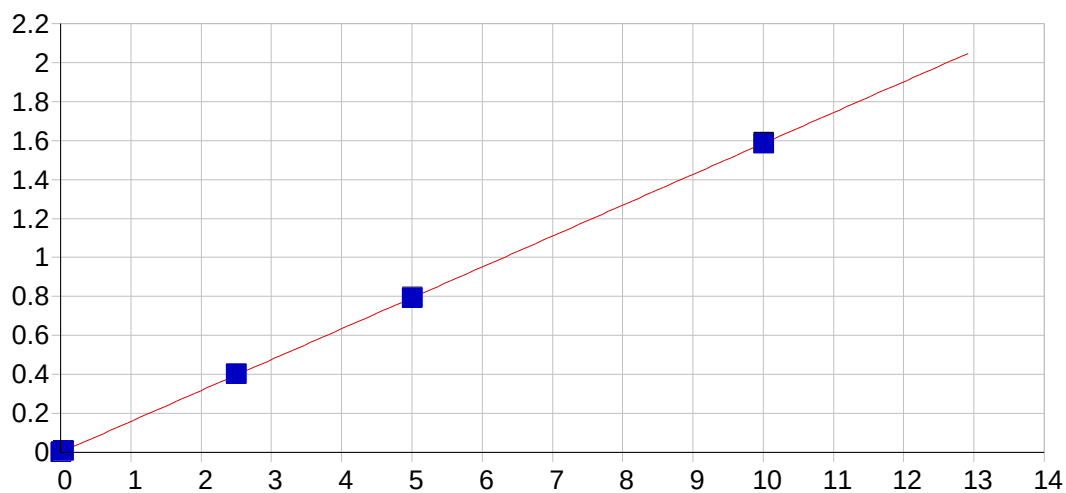
Weighting: 1/Conc

A0 (Offset): 0.012811
 A1 (Gain): 0.324289
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999846
 Std Error of Est: 0.000620
 Predicted MDL: 0.002456
 Predicted MQL: 0.008188

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	.01280	.001	1
S1	.40000	.41453	.015	3.63	.14713	.002	1
S3	2.5000	2.5874	.087	3.50	.85146	.009	1
S4	5.0000	5.0296	.030	.592	1.6430	.015	1
S5	10.000	9.8684	-.132	-1.32	3.2113	.022	1

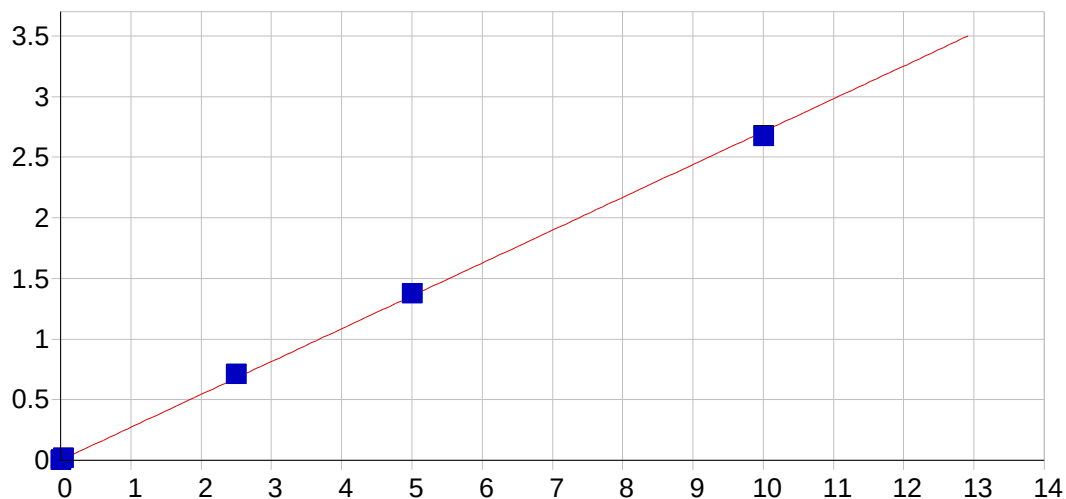


Sn 189.989 {477}

Date of Fit: 4/19/2019 15:13:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000583 Re-Slope: 1.000000
 A1 (Gain): 0.158437 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999994 Status: OK.
 Std Error of Est: 0.000019
 Predicted MDL: 0.000640
 Predicted MQL: 0.002134

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00058	.000	1
S1	.04000	.03962	-.000	-.947	.00686	.000	1
S3	2.5000	2.5203	.020	.811	.39996	.002	1
S4	5.0000	4.9875	-.012	-.250	.79093	.002	1
S5	10.000	9.9926	-.007	-.074	1.5841	.005	1



Ti 336.121 {100}

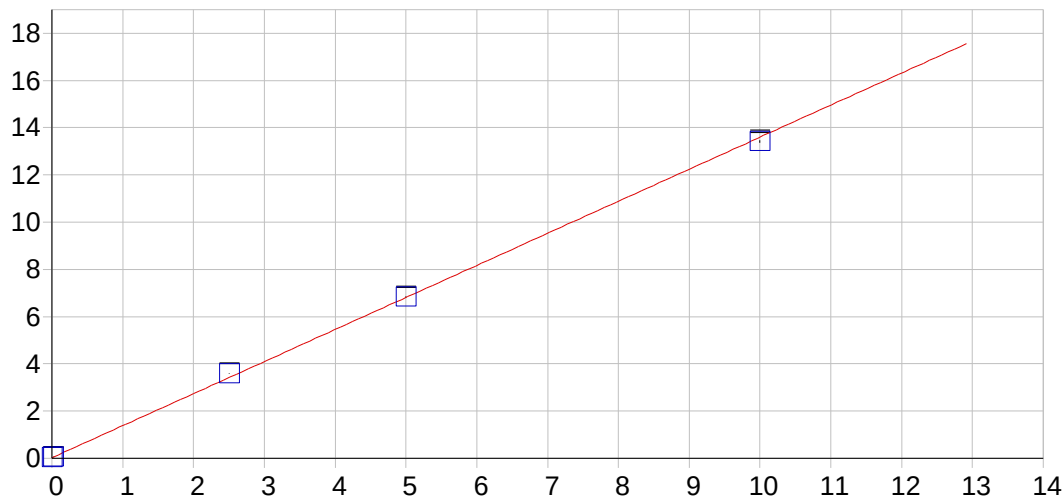
Date of Fit: 4/19/2019 15:13:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001605 Re-Slope: 1.000000
 A1 (Gain): 0.270848 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999802
 Std Error of Est: 0.000184
 Predicted MDL: 0.001814
 Predicted MQL: 0.006048

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00160	.000	1
S1	.04000	.04338	.003	8.45	.01335	.000	1
S3	2.5000	2.5965	.096	3.86	.70477	.004	1
S4	5.0000	5.0540	.054	1.08	1.3703	.001	1
S5	10.000	9.8462	-.154	-1.54	2.6681	.007	1



Li 670.784 { 50}

Date of Fit: 4/19/2019 15:13:51

Type of Fit: Linear

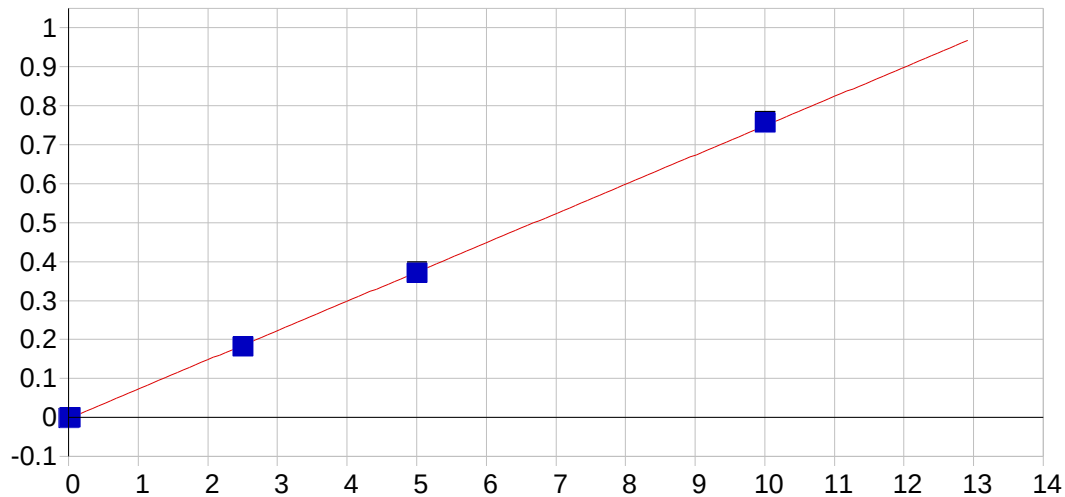
Weighting: 1/Conc

A0 (Offset): 0.022605
 A1 (Gain): 1.357937
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999776
 Std Error of Est: 0.000695
 Predicted MDL: 0.001735
 Predicted MQL: 0.005783

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	.02260	.002	1
S1	.02000	.02087	.001	4.36	.05095	.003	1
S3	2.5000	2.6226	.123	4.90	3.5839	.017	1
S4	5.0000	5.0107	.011	.214	6.8268	.029	1
S5	10.000	9.8659	-.134	-1.34	13.420	.050	1

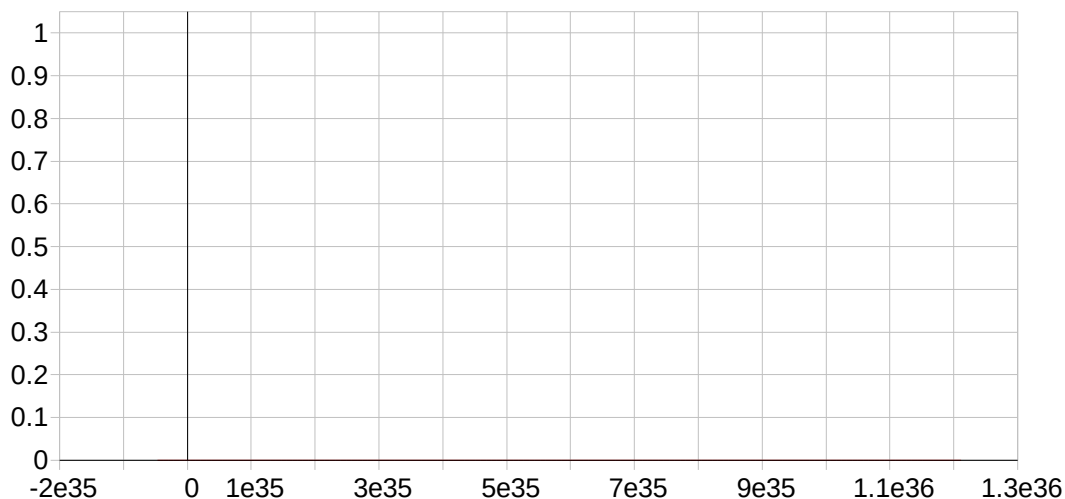


P 177.495 {490}

Date of Fit: 4/19/2019 15:13:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002326 Re-Slope: 1.000000
 A1 (Gain): 0.075097 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999923 Status: OK.
 Std Error of Est: 0.000022
 Predicted MDL: 0.001426
 Predicted MQL: 0.004752

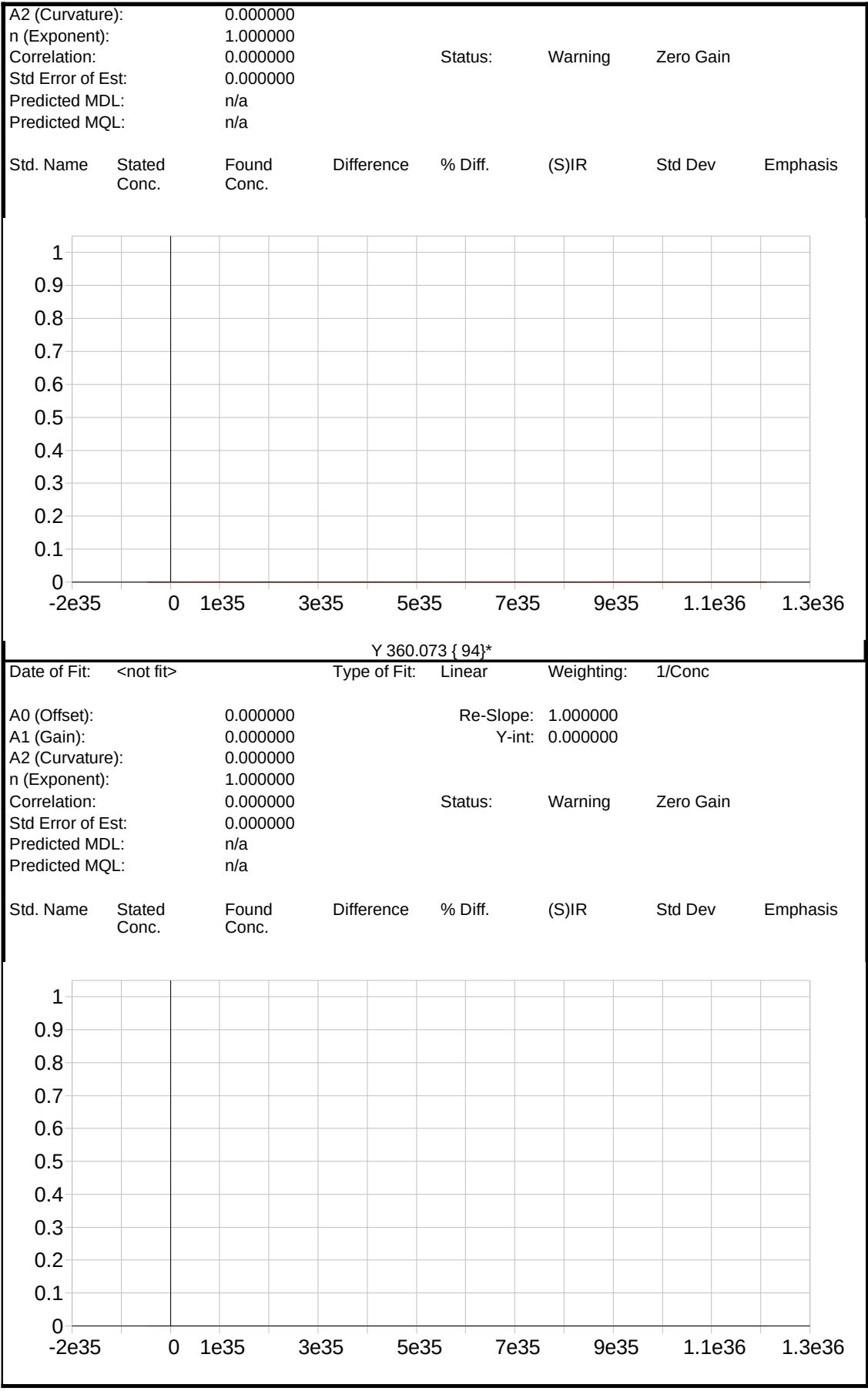
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00233	.000	1
S1	.02000	.01735	-.003	-13.3	-.00103	.000	1
S3	2.5000	2.4469	-.053	-2.12	.18116	.000	1
S4	5.0000	4.9611	-.039	-.777	.36970	.003	1
S5	10.000	10.095	.095	.946	.75466	.004	1

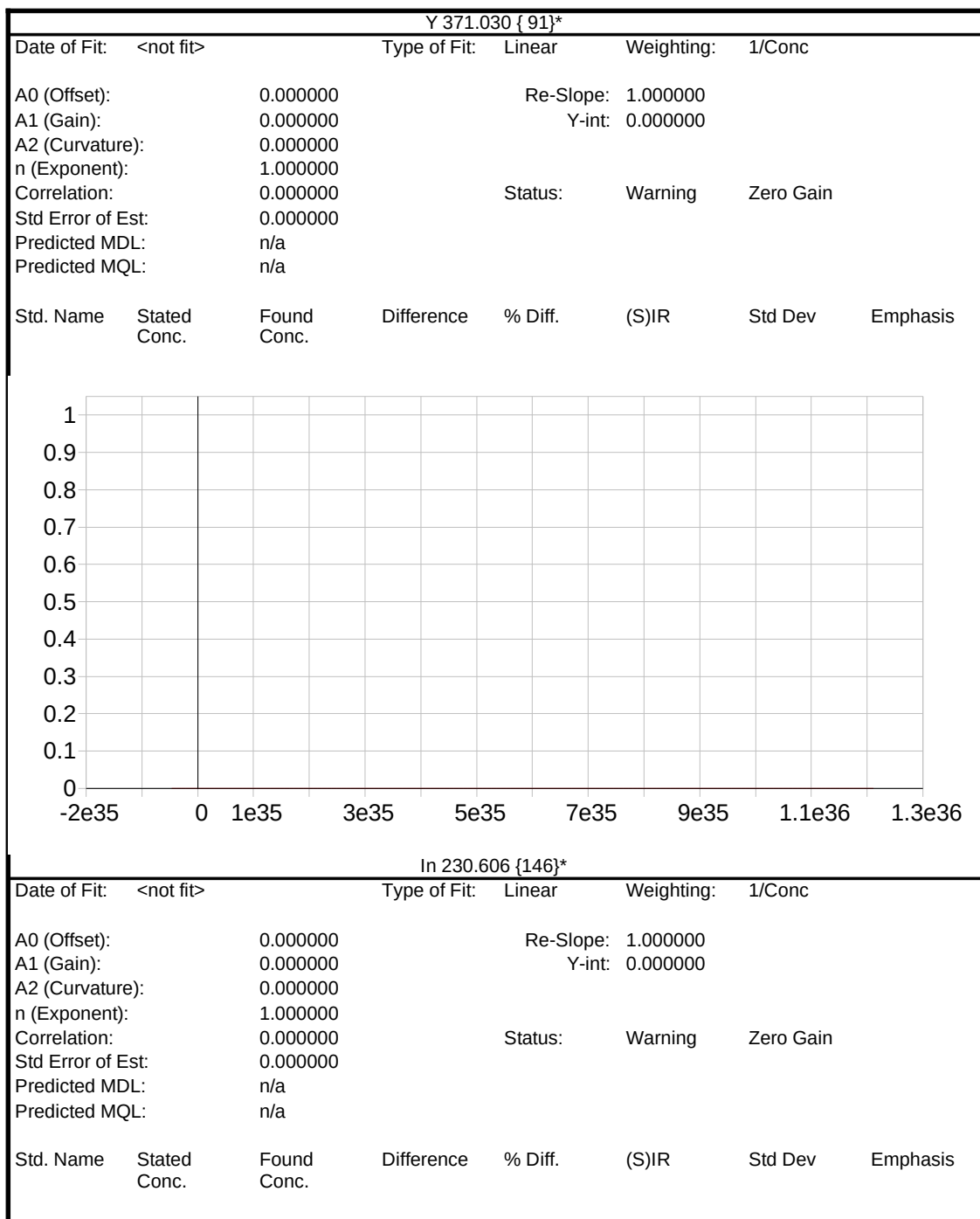


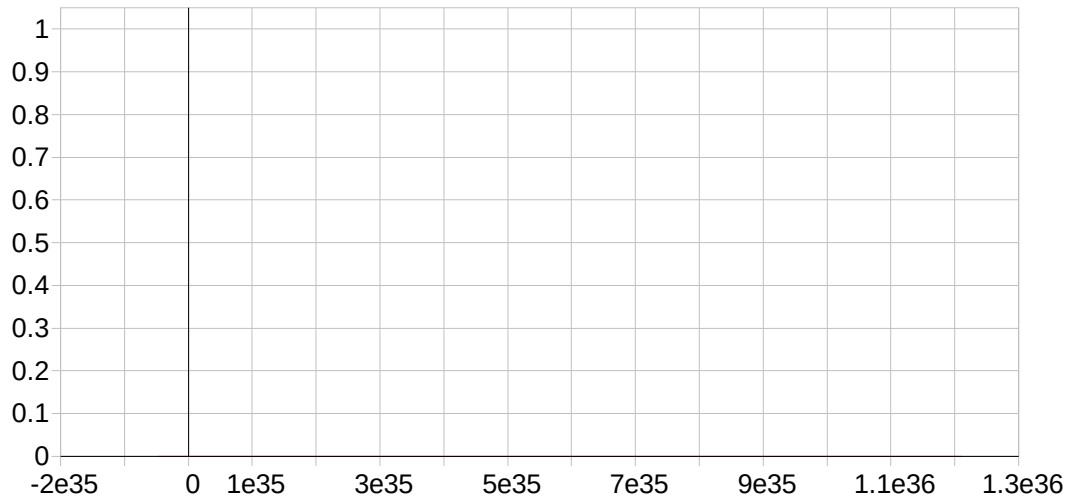
Y 224.306 {450}*

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



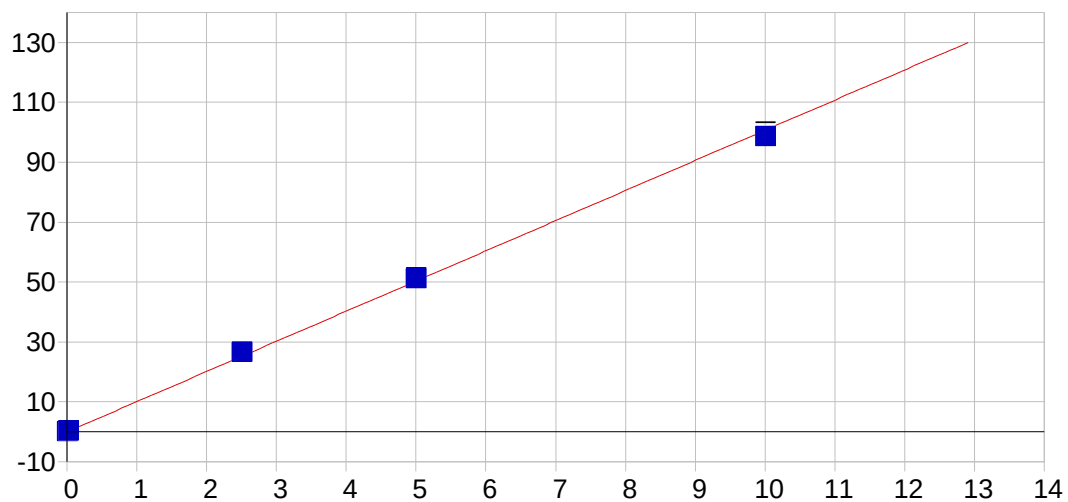




Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc

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



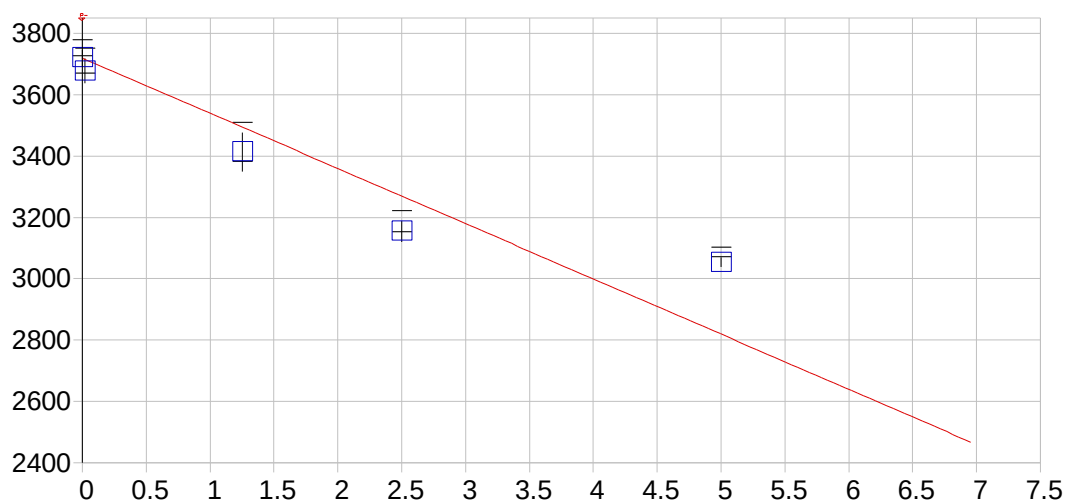
Sr 407.771 { 83}

Date of Fit: 4/19/2019 15:13:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.005517 Re-Slope: 1.000000
 A1 (Gain): 10.069423 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999643 Status: OK.
 Std Error of Est: 0.006509
 Predicted MDL: 0.000094

Predicted MQL: 0.000314

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00554	.000	1
S1	.02000	.02165	.002	8.26	.21362	.001	1
S3	2.5000	2.6294	.129	5.17	26.498	.099	1
S4	5.0000	5.0798	.080	1.60	51.200	.199	1
S5	10.000	9.7892	-.211	-2.11	98.677	1.31	1



Date of Fit: 4/19/2019 15:13:51

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 3719.586169

Re-Slope: 1.000000

A1 (Gain): -180.050772

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.864437

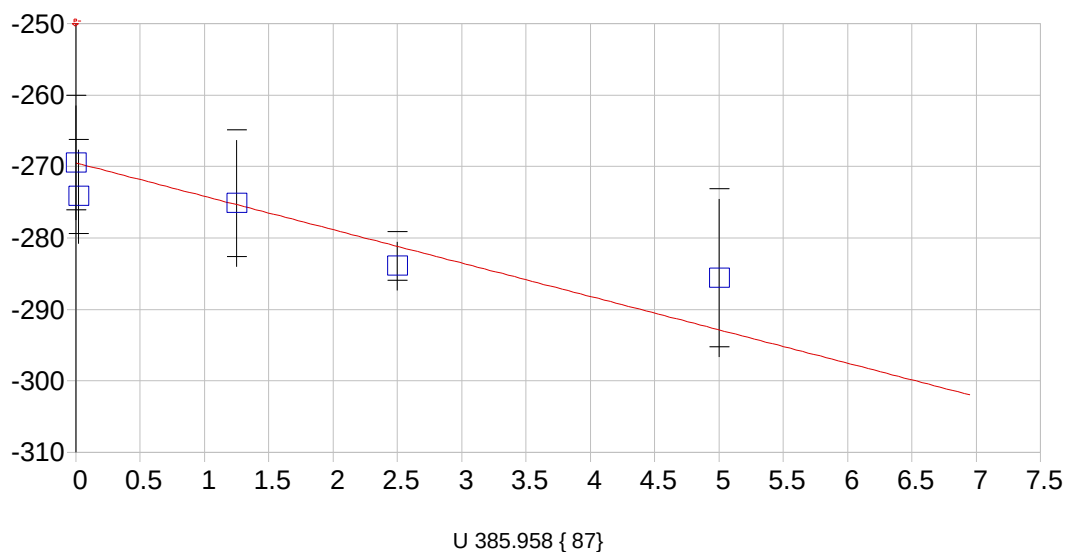
Status: Warning Negative Gain

Std Error of Est: 1.789426

Predicted MDL: n/a

Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00022	-.000	.000	3719.6	26.4	1
S1	.02000	.23439	.214	1070.	3677.4	40.2	1
S3	1.2500	1.7030	.453	36.2	3413.0	62.7	1
S4	2.5000	3.1358	.636	25.4	3155.0	34.2	1
S5	5.0000	3.6968	-1.30	-26.1	3054.0	16.6	1



Date of Fit: 4/19/2019 15:13:51

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -269.497862

Re-Slope: 1.000000

A1 (Gain): -4.669572

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.386685

Status: Warning Negative Gain

Std Error of Est: 0.190309

Predicted MDL: n/a

Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00099	-.001	.000	-269.49	8.04	1
S1	.02000	1.0121	.992	4960.	-274.22	6.54	1
S3	1.2500	1.2123	-.038	-3.01	-275.16	8.85	1
S4	2.5000	3.0952	.595	23.8	-283.95	3.42	1
S5	5.0000	3.4504	-1.55	-31.0	-285.61	11.0	1

Sample Name: S0 Acquired: 4/19/2019 11:01:44 Type: Cal
Method: P4-ICP2(v3058) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00001	.00041	.00259	-.00005	.00026	.00057	-.00122	-.00001
Stddev	.00005	.00008	.00017	.00004	.00013	.00001	.00006	.00003
%RSD	580.94	20.665	6.6940	77.820	47.799	1.8944	5.3025	285.06

#1	-.00001	.00031	.00242	-.00000	.00014	.00057	-.00129	.00000
#2	-.00003	.00044	.00257	-.00007	.00040	.00059	-.00121	.00001
#3	.00006	.00048	.00277	-.00007	.00025	.00057	-.00116	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00026	.00090	-.00005	-.00039	.00211	.00063	.00009	.00005
Stddev	.00000	.00049	.00003	.00017	.00011	.00006	.00008	.00003
%RSD	.76003	54.847	65.870	44.500	5.1978	9.6935	83.145	54.727

#1	-.00026	.00137	-.00009	-.00020	.00214	.00057	.00012	.00007
#2	-.00026	.00039	-.00002	-.00054	.00221	.00068	.00015	.00006
#3	-.00026	.00095	-.00004	-.00043	.00200	.00066	.00000	.00002

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	-.00559	.00034	.00560	.00000	.00288	-.00166	.00005	.00002
Stddev	.00002	.00002	.00046	.00005	.00010	.00024	.00004	.00001
%RSD	.37214	6.4663	8.3007	2027.3	3.4252	14.393	67.347	68.836

#1	-.00560	.00033	.00514	.00005	.00290	-.00170	.00009	.00003
#2	-.00560	.00033	.00557	.00001	.00297	-.00187	.00002	.00002
#3	-.00557	.00036	.00607	-.00005	.00277	-.00140	.00005	.00000

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00066	.01280	.00058	.00160	.02260	-.0023	-.00554	3719.6
Stddev	.00013	.00086	.00010	.00011	.00188	.0001	.00038	26.4
%RSD	19.052	6.7241	16.907	7.0490	8.3049	2.589	6.9439	.70891

#1	.00079	.01252	.00054	.00172	.02219	-.0023	-.00510	3690.2
#2	.00054	.01377	.00051	.00160	.02096	-.0024	-.00581	3741.1
#3	.00065	.01212	.00070	.00149	.02465	-.0024	-.00572	3727.5

Sample Name: S0 Acquired: 4/19/2019 11:01:44 Type: Cal
Method: P4-ICP2(v3058) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-269.49
Stddev	8.04
%RSD	2.9824

#1	-266.10
#2	-278.67
#3	-263.71

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4619.2	57145.	5670.5	71.350	5084.6
Stddev	12.7	172.	52.4	1.847	8.5
%RSD	.27433	.30069	.92327	2.5879	.16741

#1	4608.0	56984.	5641.3	72.002	5076.2
#2	4616.7	57326.	5639.3	69.266	5084.2
#3	4633.0	57126.	5731.0	72.782	5093.2

Sample Name: S1 Acquired: 4/19/2019 11:06:10 Type: Cal
Method: P4-ICP2(v3058) 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	.00101	.00608	.00581	.00117	.00694	.00169	.04001	.00511
Stddev	.00010	.00011	.00009	.00010	.00006	.00004	.00021	.00008
%RSD	9.7843	1.7663	1.5948	8.2178	.81245	2.1048	.52997	1.6536

#1	.00102	.00620	.00574	.00120	.00688	.00168	.03987	.00503
#2	.00090	.00604	.00578	.00125	.00696	.00165	.04026	.00509
#3	.00110	.00600	.00592	.00106	.00699	.00172	.03991	.00520

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	.02257	.00201	.03037	.01798	.00998	.02331	.01833	.00254
Stddev	.00011	.00004	.00022	.00019	.00003	.00012	.00010	.00006
%RSD	.50655	2.0850	.72704	1.0525	.26980	.52900	.53076	2.2293

#1	.02248	.00205	.03057	.01786	.01001	.02341	.01839	.00260
#2	.02252	.00197	.03013	.01789	.00997	.02317	.01822	.00248
#3	.02270	.00202	.03042	.01820	.00996	.02335	.01837	.00254

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	.00826	.09409	.12623	.00021	.00132	.14713	.00686	.01335
Stddev	.00006	.00044	.00060	.00004	.00011	.00196	.00002	.00032
%RSD	.73864	.47271	.47487	17.619	8.6605	1.3342	.27142	2.3830

#1	.00827	.09363	.12598	.00017	.00146	.14930	.00686	.01363
#2	.00831	.09414	.12580	.00023	.00126	.14661	.00688	.01300
#3	.00819	.09451	.12692	.00022	.00126	.14548	.00684	.01342

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.05095	-.0010	.21362	3677.4	-274.22
Stddev	.00317	.0001	.00110	40.2	6.54
%RSD	6.2254	5.249	.51393	1.0936	2.3865

#1	.05319	-.0010	.21471	3667.0	-275.00
#2	.04732	-.0010	.21364	3643.4	-267.33
#3	.05233	-.0011	.21252	3721.8	-280.35

Sample Name: S1 Acquired: 4/19/2019 11:06:10 Type: Cal
Method: P4-ICP2(v3058) 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	4619.5	57221.	5739.1	71.764	5024.1
Stddev	10.3	33.	59.4	.493	9.2
%RSD	.22227	.05821	1.0357	.68747	.18250
#1	4620.5	57190.	5674.6	71.264	5019.0
#2	4629.2	57217.	5751.3	71.780	5034.7
#3	4608.8	57256.	5791.5	72.250	5018.6

Sample Name: S2 Acquired: 4/19/2019 11:10:37 Type: Cal
Method: P4-ICP2(v3058) 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	.09925	.00184	.05806	.01029
Stddev	.00020	.00005	.00044	.00018
%RSD	.20240	2.6728	.75918	1.7972

#1	.09902	.00181	.05763	.01025
#2	.09931	.00190	.05805	.01049
#3	.09941	.00182	.05851	.01013

Int. Std.	Y_3600	Y_3710
Units	Cts/S	Cts/S
Avg	57282.	5704.1
Stddev	195.	25.3
%RSD	.34027	.44323

#1	57128.	5675.3
#2	57217.	5714.6
#3	57501.	5722.5

Sample Name: S3 Acquired: 4/19/2019 11:14:50 Type: Cal
Method: P4-ICP2(v3058) 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	.11797	.35694	.67931	.15581	.32896	.04064	2.0121	.10220
Stddev	.00034	.00131	.00193	.00028	.00029	.00062	.0291	.00069
%RSD	.28461	.36803	.28416	.17958	.08774	1.5331	1.4464	.67710
#1	.11826	.35705	.67849	.15611	.32879	.04033	2.0015	.10183
#2	.11760	.35557	.67792	.15555	.32880	.04135	2.0450	.10300
#3	.11806	.35819	.68151	.15577	.32930	.04022	1.9897	.10177
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.7292	.57735	.09969	1.3007	.46390	.22607	1.3424	.01063
Stddev	.0151	.00252	.00097	.0017	.00147	.00198	.0123	.00019
%RSD	.31898	.43734	.97340	.13130	.31697	.87516	.91314	1.8039
#1	4.7251	.57783	.09927	1.2998	.46356	.22512	1.3359	.01060
#2	4.7165	.57462	.10080	1.2996	.46263	.22834	1.3565	.01083
#3	4.7459	.57960	.09901	1.3027	.46551	.22474	1.3347	.01045
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	.73218	.13631	.33428	.26053	2.9160	.07220	1.5006	.00492
Stddev	.00177	.00139	.00491	.00247	.0076	.00116	.0033	.00006
%RSD	.24165	1.0193	1.4690	.94658	.26171	1.6117	.21930	1.1939
#1	.73212	.13581	.33236	.25906	2.9105	.07209	1.4973	.00487
#2	.73044	.13788	.33986	.26338	2.9129	.07341	1.5006	.00498
#3	.73398	.13523	.33061	.25916	2.9247	.07109	1.5039	.00490
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	.08875	.85146	.39996	.70477	3.5839	.1812	26.498	3413.0
Stddev	.00035	.00925	.00196	.00394	.0173	.0003	.099	62.7
%RSD	.38996	1.0866	.48964	.55939	.48174	.1575	.37464	1.8377
#1	.08867	.85531	.39982	.70695	3.5944	.1811	26.533	3479.9
#2	.08844	.84090	.39807	.70022	3.5639	.1809	26.386	3355.6
#3	.08912	.85816	.40198	.70713	3.5933	.1815	26.576	3403.3

Sample Name: S3 Acquired: 4/19/2019 11:14:50 Type: Cal
 Method: P4-ICP2(v3058) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-275.16
Stddev	8.85
%RSD	3.2146

#1	-265.25
#2	-277.99
#3	-282.24

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4525.4	55806.	5727.3	69.062	4689.3
Stddev	6.5	520.	47.1	.634	6.4
%RSD	.14456	.93204	.82197	.91847	.13712

#1	4518.3	55924.	5706.6	69.157	4681.9
#2	4526.5	55237.	5781.2	68.386	4693.3
#3	4531.3	56258.	5694.2	69.644	4692.8

Sample Name: S4 Acquired: 4/19/2019 11:18:48 Type: Cal
Method: P4-ICP2(v3058) 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	.23310	.69976	1.3407	.30794	.64742	.07787	3.9532	.19866
Stddev	.00059	.00249	.0030	.00048	.00082	.00064	.0239	.00047
%RSD	.25135	.35571	.22270	.15661	.12663	.81639	.60595	.23842

#1	.23273	.69721	1.3374	.30744	.64836	.07736	3.9454	.19811
#2	.23280	.69989	1.3414	.30840	.64708	.07767	3.9342	.19892
#3	.23378	.70219	1.3432	.30799	.64683	.07859	3.9801	.19895

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	9.4016	1.1136	.19140	2.5841	.89497	.43014	2.5856	.02080
Stddev	.0176	.0043	.00025	.0054	.00164	.00041	.0020	.00022
%RSD	.18685	.38287	.13040	.20850	.18302	.09622	.07773	1.0814

#1	9.3865	1.1088	.19163	2.5798	.89398	.42970	2.5866	.02062
#2	9.3973	1.1167	.19113	2.5822	.89407	.43052	2.5833	.02073
#3	9.4209	1.1154	.19144	2.5901	.89686	.43020	2.5870	.02105

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	1.4431	.26120	.65075	.50335	5.8122	.14098	2.9335	.00975
Stddev	.0037	.00039	.00472	.00132	.0139	.00097	.0017	.00009
%RSD	.25294	.14759	.72579	.26294	.23948	.69101	.05678	.96149

#1	1.4399	.26130	.64811	.50404	5.7998	.14079	2.9318	.00969
#2	1.4423	.26077	.64794	.50182	5.8095	.14011	2.9351	.00971
#3	1.4471	.26152	.65620	.50418	5.8273	.14203	2.9338	.00986

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	.17978	1.6430	.79093	1.3703	6.8268	.3697	51.200	3155.0
Stddev	.00082	.0153	.00238	.0014	.0285	.0025	.199	34.2
%RSD	.45833	.93154	.30109	.10236	.41789	.6797	.38827	1.0844

#1	.17913	1.6516	.78864	1.3710	6.8591	.3679	51.425	3187.2
#2	.17950	1.6521	.79075	1.3687	6.8050	.3686	51.130	3158.7
#3	.18070	1.6253	.79339	1.3712	6.8163	.3726	51.046	3119.1

Sample Name: S4 Acquired: 4/19/2019 11:18:48 Type: Cal
Method: P4-ICP2(v3058) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-283.95
Stddev	3.42
%RSD	1.2048

#1	-281.26
#2	-282.80
#3	-287.80

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4382.6	54973.	5703.3	69.035	4440.2
Stddev	7.1	83.	55.5	1.103	7.1
%RSD	.16108	.15106	.97314	1.5982	.15977

#1	4374.6	54892.	5652.7	67.773	4437.6
#2	4385.3	55058.	5694.4	69.515	4448.2
#3	4388.0	54969.	5762.7	69.817	4434.8

Sample Name: S5 Acquired: 4/19/2019 11:22:46 Type: Cal
Method: P4-ICP2(v3058) 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	.46197	1.3719	2.6655	.60447	1.2817	.15529	7.8346	.39120
Stddev	.00148	.0040	.0054	.00132	.0020	.00075	.0489	.00052
%RSD	.32045	.29256	.20300	.21861	.15744	.48249	.62385	.13411
#1	.46319	1.3765	2.6714	.60577	1.2832	.15451	7.7808	.39157
#2	.46032	1.3703	2.6642	.60451	1.2794	.15601	7.8469	.39060
#3	.46239	1.3690	2.6608	.60312	1.2824	.15534	7.8762	.39143
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	18.772	2.1452	.37214	5.1874	1.7354	.83569	4.9624	.04135
Stddev	.035	.0085	.00015	.0108	.0008	.00072	.0144	.00011
%RSD	.18637	.39694	.04068	.20850	.04813	.08574	.28994	.27342
#1	18.804	2.1527	.37197	5.1944	1.7354	.83514	4.9551	.04136
#2	18.776	2.1360	.37217	5.1929	1.7346	.83543	4.9790	.04123
#3	18.735	2.1469	.37227	5.1750	1.7362	.83650	4.9532	.04146
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.8706	.51701	1.2964	.99106	11.758	.28584	5.7628	.01949
Stddev	.0026	.00047	.0042	.00124	.026	.00090	.0088	.00005
%RSD	.08946	.09000	.32059	.12556	.22008	.31534	.15263	.24852
#1	2.8730	.51665	1.2951	.99190	11.787	.28490	5.7603	.01950
#2	2.8710	.51753	1.3011	.99165	11.751	.28670	5.7555	.01944
#3	2.8679	.51684	1.2931	.98963	11.737	.28592	5.7725	.01954
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	.36920	3.2113	1.5841	2.6681	13.420	.7547	98.677	3054.0
Stddev	.00200	.0222	.0052	.0073	.050	.0038	1.311	16.6
%RSD	.54083	.69243	.32878	.27531	.37289	.4979	1.3283	.54316
#1	.37151	3.2233	1.5895	2.6749	13.477	.7590	97.991	3041.5
#2	.36806	3.1856	1.5836	2.6603	13.397	.7526	97.852	3047.6
#3	.36804	3.2249	1.5791	2.6691	13.385	.7524	100.19	3072.8

Sample Name: S5 Acquired: 4/19/2019 11:22:46 Type: Cal
Method: P4-ICP2(v3058) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-285.61
Stddev	11.04
%RSD	3.8659

#1	-292.78
#2	-272.90
#3	-291.15

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4290.9	54144.	5749.0	69.468	4227.4
Stddev	3.5	90.	27.0	1.118	11.1
%RSD	.08165	.16540	.46969	1.6089	.26315

#1	4286.9	54234.	5722.4	70.171	4218.2
#2	4292.2	54055.	5776.4	68.180	4224.3
#3	4293.6	54144.	5748.2	70.055	4239.8

Sample Name: ICV01 Acquired: 4/19/2019 11:33:23 Type: Unk
Method: P4-ICP2(v3058) 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	1.0187	1.0615	1.0166	1.0255	1.0035	2.5574	.50465	.49656
Stddev	.0037	.0019	.0038	.0045	.0014	.0100	.00172	.00102
%RSD	.36416	.18198	.37574	.44275	.14371	.38995	.34156	.20509
#1	1.0166	1.0634	1.0143	1.0295	1.0038	2.5514	.50472	.49555
#2	1.0229	1.0615	1.0210	1.0206	1.0047	2.5520	.50289	.49653
#3	1.0164	1.0595	1.0144	1.0265	1.0019	2.5689	.50634	.49759
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49196	10.396	.50705	.50706	.51441	5.1796	.52006	6.0534
Stddev	.00087	.027	.00061	.00182	.00268	.0070	.00095	.0660
%RSD	.17781	.26265	.11983	.35850	.52004	.13556	.18291	1.0906
#1	.49109	10.408	.50661	.50585	.51252	5.1772	.52064	6.1236
#2	.49284	10.365	.50679	.50915	.51747	5.1741	.51896	5.9926
#3	.49194	10.416	.50774	.50619	.51323	5.1875	.52058	6.0441
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50648	.51886	9.9717	.49744	.99020	9.9917	2.5449	2.4328
Stddev	.00276	.00191	.0211	.00089	.00113	.0352	.0023	.0196
%RSD	.54471	.36792	.21174	.17877	.11429	.35199	.09185	.80519
#1	.50517	.52097	9.9787	.49775	.98912	10.007	2.5449	2.4162
#2	.50965	.51726	9.9480	.49644	.99011	9.9514	2.5426	2.4544
#3	.50462	.51834	9.9884	.49814	.99138	10.016	2.5473	2.4278
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .00816	2.4200	2.4378	2.5241	F .00064	F -.0009	F .00622	F 2.5027
Stddev	.00200	.0041	.0062	.0048	.00042	.0003	.00004	.0888
%RSD	24.525	.17062	.25561	.19189	66.309	29.94	.70800	3.5501
#1	.00642	2.4236	2.4348	2.5189	.00079	-.0006	.00618	2.5776
#2	.00771	2.4208	2.4449	2.5248	.00016	-.0011	.00621	2.4045
#3	.01035	2.4155	2.4336	2.5286	.00096	-.0010	.00627	2.5259

Sample Name: ICV01 Acquired: 4/19/2019 11:33:23 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .03864
Stddev	1.6843
%RSD	4359.2

#1	.23250
#2	-1.7342
#3	1.6176

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4440.1	56221.	5758.2	69.335	4710.9
Stddev	4.3	152.	12.6	.949	3.7
%RSD	.09604	.27121	.21841	1.3685	.07828

#1	4435.2	56337.	5769.8	69.047	4708.2
#2	4442.2	56048.	5744.8	70.394	4709.3
#3	4442.9	56277.	5760.0	68.563	4715.1

Sample Name: LLICV01 Acquired: 4/19/2019 11:42:58 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02150	.04160	.01281	.01982	.05317	.11681	.10741	.00658
Stddev	.00136	.00097	.00037	.00225	.00099	.00398	.00023	.00005
%RSD	6.3394	2.3414	2.8568	11.337	1.8622	3.4112	.21448	.74704

#1	.02152	.04103	.01274	.02088	.05337	.12140	.10747	.00653
#2	.02012	.04104	.01249	.02133	.05210	.11425	.10716	.00659
#3	.02285	.04272	.01321	.01724	.05405	.11478	.10761	.00663

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00604	2.1444	.01048	.03020	.02112	.10835	.02297	2.1115
Stddev	.00006	.0166	.00026	.00019	.00031	.00074	.00026	.0183
%RSD	1.0551	.77499	2.4469	.63821	1.4643	.67982	1.1413	.86583

#1	.00610	2.1577	.01023	.03021	.02133	.10753	.02274	2.1313
#2	.00605	2.1258	.01074	.03000	.02077	.10859	.02326	2.1080
#3	.00597	2.1497	.01047	.03038	.02127	.10894	.02292	2.0953

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04117	.01054	2.0125	.04085	.03998	2.0322	.21978	.10266
Stddev	.00031	.00024	.0033	.00049	.00004	.0376	.00095	.00700
%RSD	.74925	2.3092	.16175	1.1994	.10524	1.8501	.43039	6.8179

#1	.04141	.01055	2.0088	.04038	.04002	1.9909	.21922	.10508
#2	.04082	.01029	2.0136	.04136	.03994	2.0644	.21924	.10814
#3	.04129	.01077	2.0150	.04081	.03998	2.0413	.22087	.09478

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01658	.40957	.04001	.04241	.01915	F .0157	.02164	F 1.9043
Stddev	.00172	.00242	.00027	.00142	.00108	.0010	.00015	.1660
%RSD	10.376	.59092	.67484	3.3398	5.6393	6.403	.69068	8.7187

#1	.01843	.40883	.04024	.04401	.01799	.0148	.02176	2.0563
#2	.01504	.40761	.04007	.04190	.02013	.0168	.02148	1.9295
#3	.01627	.41227	.03971	.04132	.01932	.0156	.02170	1.7271

Sample Name: LLICV01 Acquired: 4/19/2019 11:42:58 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .80575
Stddev 1.1700
%RSD 145.20

#1 1.2747
#2 -.52592
#3 1.6685

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4483.0	56648.	5768.7	71.085	4934.2
Stddev	11.7	220.	23.3	.405	13.7
%RSD	.26195	.38906	.40431	.57041	.27860

#1	4471.9	56394.	5752.9	71.545	4921.6
#2	4482.0	56765.	5795.5	70.927	4932.2
#3	4495.3	56785.	5757.8	70.782	4948.8

Sample Name: ICB01 Acquired: 4/19/2019 11:47:23 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00061	-.00085	.00037	-.00262	.00035	-.00667	-.00034	-.00007
Stddev	.00071	.00027	.00006	.00293	.00040	.00414	.00014	.00005
%RSD	116.46	32.513	17.473	111.69	114.00	62.085	39.512	68.165
#1	.00134	-.00093	.00044	-.00308	.00076	-.00442	-.00047	-.00012
#2	-.00008	-.00107	.00031	.00051	.00030	-.01144	-.00036	-.00003
#3	.00056	-.00054	.00035	-.00530	-.00003	-.00414	-.00020	-.00006
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.00682	.00003	-.00005	-.00000	.00009	.00003	.03196
Stddev	.00003	.02387	.00040	.00013	.00018	.00015	.00004	.04196
%RSD	292.64	349.78	1317.3	246.55	6193.7	157.39	143.19	131.30
#1	-.00002	.01318	-.00031	.00001	-.00008	-.00005	.00002	.03275
#2	.00002	-.01958	.00047	-.00020	.00020	.00008	.00007	-.01039
#3	-.00002	.02687	-.00008	.00004	-.00013	.00024	-.00001	.07352
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.00015	-.11583	-.00009	-.00027	-.00821	-.00005	.00079
Stddev	.00001	.00013	.00327	.00027	.00002	.05229	.00030	.01381
%RSD	15.318	86.413	2.8262	308.76	6.6668	637.16	588.98	1749.2
#1	.00005	-.00012	-.11385	-.00039	-.00028	-.05836	.00017	-.01413
#2	.00004	-.00003	-.11403	.00010	-.00025	-.01223	-.00039	.01311
#3	.00006	-.00029	-.11960	.00004	-.00027	.04598	.00006	.00339
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00204	.00099	-.00098	-.00042	-.00044	-.0011	.00006	F 2.3749
Stddev	.00159	.00098	.00072	.00244	.00036	.0010	.00007	.1429
%RSD	77.885	98.848	72.968	573.36	82.310	88.97	117.68	6.0180
#1	-.00143	.00083	-.00047	-.00054	-.00019	.0000	.00010	2.2400
#2	-.00084	.00010	-.00068	-.00280	-.00028	-.0018	-.00002	2.5247
#3	-.00383	.00204	-.00181	.00207	-.00085	-.0016	.00010	2.3601

Sample Name: ICB01 Acquired: 4/19/2019 11:47:23 Type: Unk
 Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .93882
Stddev	1.8532
%RSD	197.39

#1	-1.1988
#2	2.0923
#3	1.9230

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4487.3	56901.	5723.8	69.745	4980.5
Stddev	14.7	167.	53.7	.252	8.0
%RSD	.32725	.29335	.93804	.36124	.15980

#1	4483.4	56722.	5735.0	69.966	4980.4
#2	4474.9	56930.	5665.4	69.798	4972.7
#3	4503.5	57052.	5771.0	69.470	4988.6

Sample Name: CRI01 Acquired: 4/19/2019 11:51:51 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02200	.04264	.01254	.01786	.05361	.10751	.10768	.00663
Stddev	.00229	.00070	.00034	.00055	.00080	.00610	.00015	.00002
%RSD	10.399	1.6329	2.6891	3.0528	1.4867	5.6734	.14230	.26475
#1	.02453	.04255	.01225	.01723	.05442	.10320	.10784	.00661
#2	.02140	.04199	.01246	.01822	.05283	.10484	.10769	.00664
#3	.02007	.04337	.01291	.01813	.05358	.11449	.10753	.00662
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00605	2.1538	.01065	.03030	.02157	.10923	.02323	2.1326
Stddev	.00003	.0095	.00024	.00009	.00017	.00048	.00013	.0477
%RSD	.41464	.44340	2.2575	.30318	.78985	.44058	.57490	2.2361
#1	.00607	2.1554	.01044	.03034	.02139	.10874	.02313	2.1533
#2	.00602	2.1436	.01060	.03020	.02160	.10924	.02338	2.0781
#3	.00605	2.1625	.01091	.03038	.02173	.10970	.02318	2.1665
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04101	.01065	2.0129	.04149	.03965	2.0378	.22113	.10672
Stddev	.00020	.00015	.0070	.00008	.00030	.0116	.00125	.01262
%RSD	.49359	1.3852	.34907	.20011	.74428	.56962	.56664	11.827
#1	.04124	.01081	2.0179	.04143	.03949	2.0496	.22079	.12114
#2	.04094	.01052	2.0049	.04158	.03948	2.0374	.22008	.09767
#3	.04086	.01061	2.0160	.04144	.03999	2.0264	.22252	.10136
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01699	.40586	.03955	.04274	.01762	.0151	.02164	F 2.4242
Stddev	.00117	.00474	.00064	.00083	.00075	.0007	.00005	.0342
%RSD	6.8949	1.1680	1.6189	1.9459	4.2527	4.585	.23090	1.4092
#1	.01567	.40102	.03942	.04312	.01731	.0155	.02158	2.3849
#2	.01790	.41049	.03898	.04178	.01848	.0155	.02166	2.4468
#3	.01739	.40607	.04024	.04331	.01708	.0143	.02167	2.4409

Sample Name: CRI01 Acquired: 4/19/2019 11:51:51 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .99812
Stddev	.84595
%RSD	84.754

#1	.16224
#2	.97834
#3	1.8538

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4488.0	56809.	5801.9	72.069	4932.3
Stddev	9.7	77.	10.1	.586	2.2
%RSD	.21507	.13471	.17434	.81326	.04476

#1	4499.0	56729.	5798.5	72.125	4934.4
#2	4483.8	56815.	5793.9	71.457	4930.0
#3	4481.1	56882.	5813.3	72.625	4932.6

Sample Name: ICSA01 Acquired: 4/19/2019 12:00:50 Type: Unk
Method: P4-ICP2(v3058) 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	-.00320	.01122	.00128	.00885	.00501	287.78	.00696	.00269
Stddev	.00458	.00222	.00032	.00493	.00053	1.08	.00024	.00008
%RSD	143.30	19.759	25.300	55.763	10.563	.37479	3.4475	2.8617
#1	.00194	.01328	.00093	.01079	.00548	286.80	.00672	.00274
#2	-.00685	.00887	.00134	.00324	.00513	287.60	.00696	.00273
#3	-.00469	.01152	.00156	.01252	.00444	288.93	.00720	.00260
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00098	257.75	.04898	-.00056	-.00312	100.28	.01601	289.97
Stddev	.00005	.71	.00025	.00015	.00005	.22	.00012	1.02
%RSD	5.1523	.27661	.51359	26.242	1.7578	.21718	.76990	.35125
#1	-.00101	258.44	.04874	-.00073	-.00306	100.44	.01597	288.95
#2	-.00102	257.02	.04924	-.00044	-.00313	100.03	.01592	289.98
#3	-.00093	257.81	.04896	-.00052	-.00316	100.37	.01615	290.99
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00594	-.00462	-.02056	.00104	-.01419	.02447	-.00023	.05385
Stddev	.00030	.00026	.02539	.00029	.00008	.03983	.00004	.01127
%RSD	5.0747	5.5416	123.49	27.866	.54633	162.76	19.888	20.931
#1	-.00593	-.00442	-.04501	.00090	-.01426	-.00591	-.00023	.05476
#2	-.00626	-.00491	-.02235	.00084	-.01410	.06956	-.00027	.06463
#3	-.00565	-.00452	.00568	.00137	-.01421	.00976	-.00018	.04215
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .02621	-.00389	.00267	-.00027	.01200	-.0038	-.00241	4.4866
Stddev	.00498	.00169	.00026	.00169	.00132	.0016	.00021	.1710
%RSD	19.006	43.373	9.6689	626.78	10.969	42.91	8.6459	3.8120
#1	.02548	-.00417	.00250	.00060	.01079	-.0055	-.00237	4.3830
#2	.03151	-.00541	.00254	.00081	.01182	-.0035	-.00223	4.6841
#3	.02163	-.00208	.00297	-.00222	.01340	-.0023	-.00264	4.3929

Sample Name: ICSA01 Acquired: 4/19/2019 12:00:50 Type: Unk
 Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	2.5754
Stddev	.5299
%RSD	20.576

#1	3.1601
#2	2.4391
#3	2.1269

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3934.3	50126.	5553.2	64.923	3874.6
Stddev	8.8	135.	36.6	.620	7.2
%RSD	.22391	.26917	.65947	.95541	.18578

#1	3924.1	49984.	5511.0	64.744	3867.4
#2	3938.9	50252.	5572.5	64.411	3874.6
#3	3939.9	50141.	5576.2	65.613	3881.8

Sample Name: ICSAB01 Acquired: 4/19/2019 12:16:35 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10682	.12134	.05497	.06362	.65614	266.42	.57868
Stddev	.00121	.00112	.00243	.00089	.00173	.68	.00314
%RSD	1.1351	.92207	4.4144	1.4046	.26364	.25709	.54295

#1	.10746	.12211	.05376	.06316	.65543	267.17	.58064
#2	.10758	.12005	.05339	.06304	.65812	266.27	.58034
#3	.10542	.12185	.05776	.06465	.65488	265.82	.57505

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.56933	1.0413	242.16	.56846	.52911	.52293	94.404
Stddev	.00098	.0019	1.52	.00231	.00184	.00028	.309
%RSD	.17226	.18409	.62671	.40587	.34809	.05284	.32764

#1	.56911	1.0432	240.46	.56989	.52923	.52325	94.622
#2	.57040	1.0394	243.38	.56969	.53089	.52281	94.540
#3	.56848	1.0414	242.63	.56580	.52722	.52274	94.050

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.55105	269.87	1.0251	.21952	-.02837	.52308	1.1197
Stddev	.00118	.17	.0022	.00032	.01799	.00128	.0022
%RSD	.21369	.06327	.21979	.14529	63.418	.24415	.19623

#1	.55187	270.03	1.0251	.21920	-.04763	.52299	1.1222
#2	.55158	269.69	1.0273	.21983	-.02549	.52440	1.1180
#3	.54970	269.90	1.0228	.21954	-.01199	.52185	1.1189

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02105	1.0653	1.1722	F .02432	.94959	1.0537	1.0720
Stddev	.00925	.0027	.0097	.00284	.00332	.0020	.0035
%RSD	43.944	.25039	.82434	11.665	.34959	.19090	.32447

#1	.02866	1.0654	1.1824	.02660	.94762	1.0517	1.0691
#2	.01075	1.0626	1.1709	.02522	.95342	1.0558	1.0759
#3	.02373	1.0679	1.1632	.02114	.94772	1.0537	1.0712

Sample Name: ICSAB01 Acquired: 4/19/2019 12:16:35 Type: Unk
 Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .00930	F -.0029	F -.00238	4.7557	.55217
Stddev	.00089	.0009	.00054	.1966	1.6770
%RSD	9.5231	29.65	22.883	4.1333	303.70
#1	.00877	-.0023	-.00287	4.5327	1.2404
#2	.01032	-.0025	-.00247	4.8303	1.7755
#3	.00881	-.0039	-.00180	4.9040	-1.3594
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3905.0	49968.	5478.5	64.198	3866.3
Stddev	4.8	265.	15.8	.720	4.9
%RSD	.12242	.53052	.28916	1.1214	.12712
#1	3901.1	49697.	5492.9	64.772	3860.8
#2	3910.3	49980.	5461.5	63.390	3867.9
#3	3903.5	50226.	5480.9	64.431	3870.3

Sample Name: CCV01 Acquired: 4/19/2019 12:20:58 Type: Unk
Method: P4-ICP2(v3058) 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	5.2056	5.1502	5.1459	5.1730	5.2150	10.149	10.326	.25836
Stddev	.0807	.0702	.0731	.0792	.0898	.166	.064	.00020
%RSD	1.5502	1.3636	1.4208	1.5310	1.7212	1.6389	.61611	.07892
#1	5.1977	5.1334	5.1361	5.1844	5.2303	10.128	10.360	.25845
#2	5.2900	5.2273	5.2235	5.2458	5.2962	9.9941	10.252	.25849
#3	5.1292	5.0899	5.0782	5.0887	5.1186	10.325	10.365	.25812
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5318	25.286	1.0047	2.5687	1.2951	5.1042	2.5978	25.658
Stddev	.0355	.072	.0016	.0363	.0180	.0084	.0027	.380
%RSD	1.4020	.28605	.15983	1.4143	1.3882	.16444	.10565	1.4815
#1	2.5281	25.211	1.0065	2.5659	1.2954	5.1137	2.6008	25.747
#2	2.5690	25.293	1.0038	2.6064	1.3129	5.0978	2.5954	25.241
#3	2.4983	25.355	1.0037	2.5339	1.2769	5.1011	2.5972	25.986
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5165	1.2747	25.319	2.4892	2.5784	25.105	5.2312	5.0564
Stddev	.0366	.0030	.134	.0001	.0353	.161	.0754	.0821
%RSD	1.4538	.23800	.52867	.00525	1.3699	.64144	1.4407	1.6245
#1	2.5116	1.2768	25.377	2.4893	2.5747	25.097	5.2373	5.0821
#2	2.5552	1.2712	25.166	2.4893	2.6154	24.948	5.3034	4.9644
#3	2.4825	1.2760	25.413	2.4891	2.5451	25.270	5.1530	5.1226
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1289	5.0031	5.1140	5.1386	4.9984	5.111	5.1186	F 4.5811
Stddev	.0776	.0177	.0742	.0036	.0104	.068	.0092	.0925
%RSD	1.5130	.35324	1.4509	.06997	.20868	1.327	.17926	2.0184
#1	5.1311	4.9975	5.1032	5.1369	5.0039	5.115	5.1175	4.5981
#2	5.2053	5.0229	5.1930	5.1361	5.0049	5.177	5.1283	4.6638
#3	5.0502	4.9889	5.0458	5.1427	4.9863	5.041	5.1101	4.4813

Sample Name: CCV01 Acquired: 4/19/2019 12:20:58 Type: Unk
 Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 2.0149
Stddev	1.5070
%RSD	74.795

#1	.37068
#2	2.3434
#3	3.3305

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4180.9	53788.	5655.9	66.834	4289.6
Stddev	52.1	273.	21.3	1.911	51.6
%RSD	1.2466	.50743	.37723	2.8600	1.2032

#1	4176.9	53701.	5658.0	68.720	4292.8
#2	4130.8	54094.	5633.6	64.898	4236.5
#3	4234.8	53570.	5676.1	66.883	4339.5

Sample Name: LLCCV01 Acquired: 4/19/2019 12:24:57 Type: Unk
Method: P4-ICP2(v3058) 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	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02221	.04240	.01254	.02311	.05431	.10772	.10855	.00668
Stddev	.00362	.00078	.00055	.00137	.00145	.00097	.00079	.00004
%RSD	16.302	1.8497	4.4232	5.9362	2.6711	.89810	.72590	.61791
#1	.01985	.04153	.01194	.02455	.05272	.10726	.10888	.00673
#2	.02638	.04306	.01304	.02295	.05465	.10706	.10766	.00666
#3	.02039	.04261	.01264	.02182	.05556	.10883	.10913	.00665
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00607	2.1462	.01039	.03053	.02288	.10993	.02318	2.1192
Stddev	.00007	.0158	.00008	.00020	.00055	.00161	.00009	.0643
%RSD	1.1133	.73782	.80572	.64922	2.4094	1.4678	.38113	3.0340
#1	.00603	2.1328	.01049	.03074	.02301	.11108	.02321	2.0529
#2	.00615	2.1422	.01038	.03049	.02227	.10808	.02308	2.1236
#3	.00604	2.1637	.01032	.03035	.02335	.11062	.02325	2.1812
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04091	.01062	1.9961	.04086	.04023	2.0590	.22335	.10237
Stddev	.00037	.00015	.0105	.00002	.00007	.0328	.00021	.00873
%RSD	.90672	1.3797	.52578	.03824	.17374	1.5948	.09179	8.5290
#1	.04131	.01048	2.0082	.04086	.04031	2.0563	.22349	.10729
#2	.04057	.01060	1.9903	.04088	.04019	2.0932	.22346	.10753
#3	.04086	.01078	1.9898	.04085	.04020	2.0277	.22312	.09229
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01821	.40964	.03986	.04417	.02016	F .0141	.02170	F 3.0897
Stddev	.00081	.00390	.00011	.00119	.00067	.0012	.00005	.0621
%RSD	4.4416	.95213	.27023	2.6892	3.3064	8.846	.24681	2.0083
#1	.01897	.40514	.03976	.04392	.01989	.0155	.02164	3.0727
#2	.01831	.41198	.03997	.04546	.02092	.0133	.02174	3.1585
#3	.01736	.41181	.03986	.04312	.01967	.0133	.02172	3.0379

Sample Name: LLCCV01 Acquired: 4/19/2019 12:24:57 Type: Unk
 Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LLCCV01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 1.2801
Stddev	1.2282
%RSD	95.951

#1	.84602
#2	.32779
#3	2.6664

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4396.4	56546.	5750.1	70.995	4868.7
Stddev	10.2	320.	28.9	.237	1.9
%RSD	.23107	.56566	.50222	.33436	.03876

#1	4387.0	56188.	5761.7	70.950	4866.8
#2	4395.0	56645.	5717.3	70.784	4868.7
#3	4407.2	56804.	5771.4	71.252	4870.6

Sample Name: CCB01 Acquired: 4/19/2019 12:29:23 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	-.00073	.00043	-.00110	-.00000	.00352	.00038	-.00004
Stddev	.00339	.00147	.00077	.00174	.00025	.00553	.00069	.00002
%RSD	4185.9	202.25	178.60	157.90	60076.	157.12	182.60	43.859
#1	.00037	-.00156	-.00005	-.00124	-.00029	.00879	.00117	-.00002
#2	.00306	.00097	.00132	-.00277	.00016	-.00223	.00009	-.00006
#3	-.00367	-.00160	.00002	.00070	.00013	.00399	-.00012	-.00005
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.00584	.00007	-.00001	.00028	.00084	.00003	.02201
Stddev	.00001	.01301	.00036	.00008	.00017	.00014	.00003	.01232
%RSD	145.97	222.85	481.99	1054.4	59.738	16.365	135.58	55.997
#1	.00001	.02056	-.00002	.00002	.00039	.00074	.00004	.02694
#2	-.00001	.00109	-.00022	-.00010	.00009	.00077	-.00001	.00798
#3	-.00002	-.00413	.00047	.00006	.00036	.00099	.00005	.03111
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00018	-.00036	-.13596	-.00031	-.00012	-.04093	.00010	.00894
Stddev	.00052	.00094	.00811	.00006	.00008	.02703	.00019	.00968
%RSD	296.98	261.07	5.9636	20.166	68.430	66.041	196.93	108.28
#1	.00028	.00021	-.14441	-.00024	-.00002	-.01444	.00028	.01392
#2	-.00074	.00015	-.12824	-.00031	-.00016	-.06847	.00011	-.00222
#3	-.00006	-.00145	-.13524	-.00036	-.00016	-.03988	-.00010	.01511
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00168	-.00063	-.00116	-.00028	-.00214	-.0018	.00001	F 3.1351
Stddev	.00203	.00154	.00047	.00090	.00128	.0014	.00003	.2266
%RSD	121.04	245.37	40.663	321.51	59.787	76.90	358.51	7.2265
#1	-.00072	.00076	-.00113	.00072	-.00073	-.0015	.00002	3.1095
#2	-.00401	-.00228	-.00165	-.00054	-.00245	-.0006	.00002	2.9225
#3	-.00030	-.00037	-.00071	-.00102	-.00323	-.0033	-.00002	3.3734

Sample Name: CCB01 Acquired: 4/19/2019 12:29:23 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.3938
Stddev 1.9464
%RSD 139.65

#1 -.50531
#2 1.3024
#3 3.3843

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4381.8	56744.	5715.3	69.976	4908.0
Stddev	7.5	225.	23.6	.624	6.0
%RSD	.17023	.39703	.41268	.89235	.12219

#1	4390.2	56485.	5688.8	69.273	4912.1
#2	4378.8	56895.	5733.9	70.466	4901.1
#3	4376.3	56851.	5723.1	70.189	4910.8

Sample Name: K2311-05 Acquired: 4/19/2019 12:36:15 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-041619 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05862	.00299	.01204	.00577	.03025	.04122	.24135
Stddev	.00396	.00063	.00162	.00373	.00219	.01527	.00092
%RSD	6.7593	21.209	13.440	64.541	7.2410	37.054	.38223

#1	.06252	.00351	.01275	.00165	.03102	.04186	.24086
#2	.05459	.00317	.01019	.00889	.02778	.02564	.24078
#3	.05875	.00228	.01319	.00678	.03194	.05616	.24242

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.00021	327.43	-.00647	.00239	.00911	2.0314
Stddev	.00012	.00007	2.04	.00022	.00032	.00036	.0029
%RSD	233.40	32.019	.62451	3.3582	13.286	3.9129	.14015

#1	.00011	-.00013	329.45	-.00671	.00272	.00873	2.0316
#2	-.00008	-.00024	327.47	-.00644	.00238	.00943	2.0342
#3	.00012	-.00025	325.37	-.00628	.00208	.00916	2.0285

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.73397	1572.1	.00034	-.00009	F 4460.3	.00652	.08658
Stddev	.00120	1.3	.00072	.00031	206.9	.00038	.00021
%RSD	.16298	.08579	211.98	359.11	4.6383	5.8897	.24203

#1	.73460	1573.4	.00103	-.00018	4682.0	.00608	.08643
#2	.73473	1570.7	.00041	-.00034	4426.6	.00674	.08650
#3	.73259	1572.3	-.00041	.00026	4272.3	.00675	.08682

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	722.74	.08139	6.4422	F 916.44	8.6599	-.32225	-.00467
Stddev	2.66	.00013	.0351	1.61	.0739	.00023	.00069
%RSD	.36843	.15870	.54474	.17585	.85341	.07263	14.784

#1	719.88	.08124	6.4107	917.41	8.7357	-.32249	-.00547
#2	723.19	.08147	6.4359	917.33	8.6560	-.32203	-.00434
#3	725.14	.08145	6.4800	914.58	8.5880	-.32222	-.00421

Sample Name: K2311-05 Acquired: 4/19/2019 12:36:15 Type: Unk
 Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-01-041619 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.23492	1.658	6.9630	12.430	F<.00000
Stddev	.00738	.002	.0561	.159	2.1563
%RSD	3.1431	.1273	.80599	1.2787	66.035
#1	.22640	1.656	6.9014	12.254	-1.8766
#2	.23902	1.660	7.0113	12.473	-5.7495
#3	.23935	1.660	6.9763	12.563	-2.1701
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2498.1	34236.	4969.8	57.303	2313.8
Stddev	4.8	112.	35.8	.911	5.3
%RSD	.19113	.32765	.71971	1.5903	.23032
#1	2492.7	34130.	4940.9	56.757	2310.3
#2	2500.0	34224.	4958.8	56.798	2311.2
#3	2501.7	34354.	5009.8	58.355	2319.9

Sample Name: K2311-06 Acquired: 4/19/2019 12:40:57 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-041619 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03454	.00144	.01038	.00325	.01215	.11098	.36523
Stddev	.00312	.00242	.00132	.00171	.00255	.01440	.00372
%RSD	9.0194	167.79	12.733	52.560	21.007	12.978	1.0188

#1	.03151	.00395	.00996	.00482	.01121	.09674	.36287
#2	.03773	.00125	.00932	.00143	.01020	.11065	.36330
#3	.03437	-.00088	.01186	.00350	.01504	.12554	.36952

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00020	.00000	357.70	-.00121	.00303	.00728	6.9969
Stddev	.00008	.00003	2.92	.00064	.00020	.00114	.0075
%RSD	38.889	611.19	.81746	53.100	6.6686	15.626	.10647

#1	.00014	.00002	360.37	-.00156	.00317	.00603	6.9995
#2	.00017	-.00003	358.17	-.00160	.00280	.00825	6.9885
#3	.00029	.00002	354.57	-.00047	.00312	.00757	7.0027

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9275	1516.8	-.00217	.00024	F 3715.8	.00477	.11153
Stddev	.0042	5.2	.00041	.00004	98.7	.00049	.00051
%RSD	.22011	.34201	18.810	17.371	2.6575	10.260	.45612

#1	1.9294	1522.2	-.00261	.00025	3794.5	.00467	.11098
#2	1.9227	1516.5	-.00210	.00026	3747.8	.00530	.11164
#3	1.9305	1511.8	-.00180	.00019	3605.0	.00433	.11198

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	646.83	.06051	5.8055	F 910.89	6.0018	-.32764	-.00448
Stddev	1.20	.00032	.0878	3.32	.0582	.00122	.00188
%RSD	.18578	.53529	1.5123	.36500	.96908	.37318	41.895

#1	647.22	.06014	5.8796	907.10	6.0565	-.32757	-.00582
#2	647.79	.06077	5.7085	912.31	6.0080	-.32890	-.00527
#3	645.48	.06061	5.8282	913.28	5.9407	-.32646	-.00233

Sample Name: K2311-06 Acquired: 4/19/2019 12:40:57 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-041619 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.21241	.8546	6.9782	12.533	F<.00000
Stddev	.00299	.0043	.0468	.125	2.8837
%RSD	1.4080	.5064	.67005	.99650	107.88

#1	.20896	.8512	6.9537	12.458	-5.9394
#2	.21389	.8595	7.0321	12.464	-.47955
#3	.21436	.8532	6.9487	12.677	-1.6001

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2527.9	34802.	5109.8	56.894	2346.7
Stddev	1.5	128.	48.3	2.040	4.0
%RSD	.05747	.36710	.94604	3.5862	.16859

#1	2528.7	34669.	5071.0	54.717	2350.9
#2	2528.8	34811.	5094.3	58.762	2346.0
#3	2526.3	34924.	5163.9	57.204	2343.1

Sample Name: K2311-07 Acquired: 4/19/2019 12:45:38 Type: Unk
Method: P4-ICP2(v3058) 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	.05176	.00178	.01228	.00132	.01361	.17559	.24472
Stddev	.00319	.00160	.00104	.00372	.00112	.01913	.00261
%RSD	6.1645	89.692	8.4443	282.40	8.1968	10.896	1.0679

#1	.05473	-.00004	.01108	.00218	.01336	.18172	.24234
#2	.04839	.00246	.01282	.00453	.01483	.19090	.24752
#3	.05217	.00292	.01293	-.00276	.01264	.15414	.24429

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	-.00007	353.15	-.00706	.00270	.00795	4.3490
Stddev	.00011	.00012	.86	.00055	.00035	.00028	.0240
%RSD	111.89	169.13	.24451	7.7721	12.826	3.5402	.55115

#1	.00004	-.00020	354.06	-.00643	.00306	.00770	4.3354
#2	.00023	-.00001	353.06	-.00742	.00265	.00790	4.3349
#3	.00003	.00000	352.34	-.00734	.00238	.00826	4.3767

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.6240	1584.3	-.00443	.00023	F 3543.4	.00651	.09934
Stddev	.0060	9.9	.00062	.00082	86.2	.00032	.00043
%RSD	.36902	.62501	13.952	351.78	2.4334	4.9002	.43249

#1	1.6223	1573.0	-.00378	.00058	3629.9	.00650	.09934
#2	1.6190	1588.3	-.00450	.00083	3543.1	.00684	.09976
#3	1.6307	1591.5	-.00501	-.00071	3457.4	.00620	.09890

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	698.81	.05324	6.2725	F 909.73	7.6863	-.32325	-.00126
Stddev	5.60	.00035	.0814	3.50	.0617	.00160	.00063
%RSD	.80082	.65097	1.2973	.38442	.80325	.49489	50.383

#1	693.06	.05363	6.1816	905.96	7.7545	-.32169	-.00170
#2	699.14	.05299	6.3387	910.35	7.6341	-.32489	-.00053
#3	704.23	.05308	6.2971	912.88	7.6704	-.32317	-.00155

Sample Name: K2311-07 Acquired: 4/19/2019 12:45:38 Type: Unk
 Method: P4-ICP2(v3058) 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	.21985	1.286	7.1389	12.496	F<.00000
Stddev	.00326	.006	.0436	.083	2.0023
%RSD	1.4816	.4805	.61058	.66145	45.997

#1	.21631	1.280	7.1890	12.403	-2.4578
#2	.22052	1.286	7.1095	12.562	-4.1541
#3	.22272	1.292	7.1182	12.523	-6.4476

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2471.5	34144.	5085.1	57.216	2302.9
Stddev	14.8	33.	41.6	1.309	8.2
%RSD	.59702	.09665	.81819	2.2886	.35428

#1	2481.4	34168.	5037.2	55.884	2310.1
#2	2454.5	34157.	5112.1	57.263	2294.0
#3	2478.4	34106.	5106.1	58.501	2304.5

Sample Name: K2311-15 Acquired: 4/19/2019 12:50:17 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-041619 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04597	-.00045	.00904	.00288	.02541	-.18205	.21671
Stddev	.00164	.00223	.00069	.00073	.00097	.01064	.00207
%RSD	3.5602	491.22	7.6712	25.217	3.8095	5.8470	.95523

#1	.04778	-.00281	.00824	.00362	.02651	-.18779	.21674
#2	.04459	-.00017	.00952	.00285	.02502	-.16977	.21462
#3	.04555	.00162	.00935	.00217	.02469	-.18859	.21876

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	-.00022	312.05	-.00656	.00205	.00697	.08403
Stddev	.00007	.00019	.77	.00018	.00013	.00037	.00101
%RSD	50.537	85.846	.24818	2.6904	6.5437	5.2976	1.2003

#1	-.00006	-.00017	312.82	-.00673	.00208	.00654	.08471
#2	-.00014	-.00007	312.05	-.00638	.00217	.00716	.08287
#3	-.00019	-.00044	311.27	-.00658	.00191	.00720	.08451

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.69290	1470.9	-.00232	-.00018	F 3315.1	.00500	.01805
Stddev	.00186	10.6	.00021	.00039	120.1	.00046	.00022
%RSD	.26890	.72041	9.1548	219.82	3.6234	9.2658	1.2306

#1	.69505	1466.6	-.00256	-.00002	3442.9	.00531	.01779
#2	.69174	1463.1	-.00217	.00011	3297.9	.00447	.01815
#3	.69191	1483.0	-.00222	-.00062	3204.5	.00522	.01819

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	647.27	.07958	5.9588	F 857.68	7.7142	-.30283	-.01126
Stddev	4.18	.00025	.1003	1.85	.0543	.00098	.00157
%RSD	.64532	.31960	1.6835	.21625	.70426	.32370	13.909

#1	645.36	.07937	5.8880	858.04	7.7550	-.30170	-.01250
#2	644.39	.07951	5.9148	859.33	7.7351	-.30344	-.00950
#3	652.06	.07986	6.0736	855.67	7.6525	-.30335	-.01179

Sample Name: K2311-15 Acquired: 4/19/2019 12:50:17 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-041619 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20964	1.015	6.4853	12.576	F<.00000
Stddev	.00413	.002	.0722	.089	1.9590
%RSD	1.9698	.1725	1.1140	.70465	156.75
#1	.20500	1.017	6.5671	12.524	-3.4690
#2	.21097	1.015	6.4589	12.678	.23967
#3	.21293	1.013	6.4300	12.524	-.52009
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2566.4	34684.	4955.2	56.606	2380.2
Stddev	7.3	150.	52.9	1.328	6.5
%RSD	.28520	.43202	1.0675	2.3452	.27267
#1	2557.9	34511.	4907.5	55.074	2374.8
#2	2570.3	34770.	4945.9	57.307	2378.4
#3	2570.9	34770.	5012.1	57.435	2387.4

Sample Name: K2311-11DLX10 Acquired: 4/19/2019 13:16:27 Type: Unk
Method: P4-ICP2(v3058) 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	.00024	.00299	.00172	.00090	-.01173	.02233	-.00002
Stddev	.00158	.00050	.00053	.00050	.00209	.00853	.00024	.00004
%RSD	22.446	213.47	17.739	28.929	233.05	72.754	1.0579	204.01
#1	.00674	-.00019	.00360	.00127	.00263	-.00546	.02223	.00001
#2	.00875	.00011	.00269	.00165	.00149	-.02144	.02260	-.00007
#3	.00564	.00079	.00267	.00225	-.00143	-.00827	.02216	-.00001
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	31.623	-.00028	-.00011	.00232	.00618	.05177	118.78
Stddev	.00006	.128	.00030	.00013	.00016	.00068	.00028	.61
%RSD	60.794	.40625	107.17	116.92	6.8854	11.058	.54817	.50976
#1	-.00005	31.502	-.00041	-.00021	.00242	.00645	.05171	118.10
#2	-.00008	31.610	-.00050	-.00015	.00239	.00670	.05152	119.26
#3	-.00015	31.758	.00006	.00003	.00213	.00541	.05208	118.99
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00297	.00037	675.19	.00063	.00185	42.322	.00691	.47460
Stddev	.00033	.00092	17.60	.00037	.00010	.206	.00006	.02040
%RSD	11.030	252.04	2.6067	58.933	5.3525	.48643	.79950	4.2974
#1	-.00319	.00140	690.90	.00104	.00183	42.184	.00697	.46268
#2	-.00260	-.00035	678.50	.00031	.00196	42.558	.00687	.46297
#3	-.00313	.00005	656.17	.00054	.00176	42.223	.00688	.49815
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 71.496	.67848	-.02491	-.00011	.01547	.0203	.63917	7.2325
Stddev	.632	.00555	.00040	.00067	.00074	.0004	.00276	.0694
%RSD	.88371	.81837	1.6007	591.03	4.7840	2.143	.43135	.96016
#1	72.207	.67807	-.02510	.00038	.01486	.0200	.63669	7.3107
#2	70.999	.67314	-.02519	-.00088	.01525	.0201	.63869	7.2088
#3	71.282	.68422	-.02446	.00016	.01629	.0208	.64214	7.1780

Sample Name: K2311-11DLX10 Acquired: 4/19/2019 13:16:27 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	12.609
Stddev	3.319
%RSD	26.323

#1	16.078
#2	9.4631
#3	12.287

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3780.1	48671.	5605.4	68.050	3747.8
Stddev	6.4	126.	22.0	.900	14.3
%RSD	.16972	.25954	.39334	1.3220	.38203

#1	3787.0	48650.	5598.9	69.011	3734.4
#2	3779.2	48557.	5629.9	67.228	3746.1
#3	3774.2	48807.	5587.3	67.910	3762.9

Sample Name: K2311-12DLX10 Acquired: 4/19/2019 13:20:59 Type: Unk
Method: P4-ICP2(v3058) 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	.00529	.00096	.00361	.00072	.00030	-.00781	.02703	-.00005
Stddev	.00194	.00002	.00075	.00312	.00249	.01408	.00061	.00003
%RSD	36.666	1.9517	20.628	436.07	829.80	180.30	2.2668	60.077
#1	.00752	.00098	.00324	-.00195	-.00207	-.00485	.02729	-.00007
#2	.00438	.00095	.00313	-.00006	.00009	.00455	.02633	-.00001
#3	.00398	.00095	.00447	.00415	.00288	-.02313	.02747	-.00006
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	37.782	-.00067	.00006	.00300	.00415	.19253	124.43
Stddev	.00005	.137	.00029	.00007	.00031	.00088	.00105	.95
%RSD	81.314	.36207	43.416	124.72	10.432	21.215	.54610	.76210
#1	-.00011	37.929	-.00095	-.00002	.00309	.00446	.19204	123.73
#2	-.00001	37.759	-.00037	.00012	.00326	.00316	.19180	124.06
#3	-.00005	37.659	-.00068	.00008	.00265	.00483	.19373	125.51
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00246	-.00020	748.04	.00062	.00242	42.042	.00602	.46362
Stddev	.00041	.00050	16.38	.00002	.00002	.223	.00020	.01298
%RSD	16.707	258.89	2.1896	3.5269	.92843	.52940	3.2877	2.7988
#1	-.00234	-.00014	764.06	.00064	.00240	41.818	.00606	.45995
#2	-.00212	.00028	731.32	.00060	.00243	42.046	.00619	.47804
#3	-.00292	-.00072	748.75	.00062	.00244	42.263	.00580	.45288
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 76.909	.56506	-.02822	-.00022	.01496	.0186	.66154	7.3185
Stddev	.100	.00734	.00025	.00065	.00040	.0019	.00309	.1049
%RSD	.12961	1.2988	.89508	297.88	2.6463	10.35	.46680	1.4328
#1	76.797	.57244	-.02837	-.00082	.01535	.0206	.66421	7.2808
#2	76.944	.56499	-.02793	.00046	.01455	.0184	.66225	7.4370
#3	76.987	.55776	-.02835	-.00029	.01497	.0168	.65816	7.2378

Sample Name: K2311-12DLX10 Acquired: 4/19/2019 13:20:59 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	14.039
Stddev	.519
%RSD	3.6987

#1	13.638
#2	13.852
#3	14.625

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3761.4	48139.	5595.5	66.859	3719.8
Stddev	16.8	39.	53.0	1.974	17.0
%RSD	.44718	.08072	.94686	2.9524	.45681

#1	3744.0	48100.	5559.6	64.592	3700.2
#2	3762.5	48141.	5570.6	68.195	3729.5
#3	3777.6	48177.	5656.3	67.789	3729.7

Sample Name: K2311-13DLX10 Acquired: 4/19/2019 13:25:31 Type: Unk
Method: P4-ICP2(v3058) 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	.00421	.00091	.00351	.00016	.00039	-.02205	.01965	-.00001
Stddev	.00025	.00113	.00071	.00179	.00153	.00373	.00049	.00003
%RSD	5.8776	124.67	20.349	1139.3	397.04	16.914	2.4909	254.74
#1	.00450	-.00039	.00339	-.00161	.00184	-.02194	.01919	-.00005
#2	.00408	.00145	.00427	.00196	.00054	-.01838	.01960	.00001
#3	.00406	.00167	.00286	.00012	-.00122	-.02584	.02016	.00000
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	37.308	-.00013	.00010	.00249	.00661	.15908	128.00
Stddev	.00002	.257	.00047	.00011	.00024	.00083	.00081	.63
%RSD	26.836	.68917	356.33	105.64	9.8056	12.563	.50624	.49377
#1	-.00011	37.499	-.00060	.00021	.00270	.00756	.15941	127.84
#2	-.00010	37.410	.00034	.00009	.00255	.00623	.15967	127.46
#3	-.00006	37.016	-.00014	.00000	.00222	.00604	.15816	128.69
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00280	.00056	830.67	.00044	.00304	43.974	.00509	.49315
Stddev	.00036	.00026	12.25	.00024	.00005	.137	.00016	.03472
%RSD	13.027	46.322	1.4751	54.883	1.6236	.31096	3.0593	7.0405
#1	-.00303	.00083	844.27	.00047	.00309	43.822	.00495	.45844
#2	-.00238	.00054	820.50	.00066	.00304	44.013	.00507	.49311
#3	-.00299	.00031	827.22	.00018	.00299	44.087	.00526	.52788
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 76.557	.73355	-.02724	.00014	.01794	.0401	.66741	7.3829
Stddev	.215	.00410	.00062	.00064	.00229	.0030	.00352	.0565
%RSD	.28142	.55869	2.2718	463.82	12.776	7.370	.52775	.76580
#1	76.805	.73441	-.02763	-.00053	.01774	.0390	.67001	7.3903
#2	76.429	.73716	-.02757	.00075	.01576	.0378	.66882	7.4353
#3	76.436	.72909	-.02653	.00020	.02033	.0434	.66340	7.3229

Sample Name: K2311-13DLX10 Acquired: 4/19/2019 13:25:31 Type: Unk
 Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	15.971
Stddev	1.439
%RSD	9.0122

#1	14.332
#2	16.551
#3	17.030

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3759.6	48108.	5579.7	67.172	3708.1
Stddev	9.0	215.	34.3	1.772	11.4
%RSD	.23925	.44744	.61548	2.6384	.30844

#1	3756.6	47872.	5541.0	66.870	3702.5
#2	3752.5	48294.	5591.6	69.076	3700.6
#3	3769.7	48157.	5606.6	65.570	3721.3

Sample Name: K2311-14DLX10 Acquired: 4/19/2019 13:30:03 Type: Unk
Method: P4-ICP2(v3058) 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	.00547	-.00006	.00332	.00045	.00004	-.01146	.01737	.00003
Stddev	.00238	.00078	.00072	.00108	.00105	.00684	.00038	.00002
%RSD	43.465	1353.7	21.592	240.50	2512.3	59.653	2.1726	60.124
#1	.00324	.00002	.00294	.00168	-.00015	-.01326	.01702	.00005
#2	.00797	-.00087	.00287	.00001	-.00090	-.01722	.01731	.00003
#3	.00519	.00068	.00415	-.00034	.00118	-.00390	.01777	.00001
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	39.264	-.00055	-.00006	.00060	.02281	.11443	135.78
Stddev	.00006	.187	.00035	.00011	.00071	.00122	.00017	.13
%RSD	51.384	.47648	64.187	180.14	116.85	5.3545	.15060	.09414
#1	-.00011	39.458	-.00095	-.00010	-.00018	.02374	.11461	135.63
#2	-.00020	39.085	-.00044	-.00014	.00080	.02327	.11440	135.88
#3	-.00007	39.248	-.00027	.00006	.00119	.02143	.11427	135.82
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00350	-.00003	905.59	.00008	.00159	48.097	.00279	.56132
Stddev	.00026	.00057	13.28	.00019	.00006	.088	.00001	.00511
%RSD	7.5548	1824.8	1.4667	233.41	3.9406	.18283	.47893	.91111
#1	-.00344	.00062	917.19	.00002	.00167	48.023	.00277	.55780
#2	-.00379	-.00033	908.49	.00029	.00155	48.194	.00280	.55897
#3	-.00327	-.00038	891.10	-.00007	.00157	48.073	.00279	.56718
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 71.136	1.2414	-.02473	-.00115	.01746	.0400	.77405	7.5513
Stddev	.136	.0039	.00108	.00077	.00075	.0002	.00154	.0318
%RSD	.19080	.31648	4.3580	66.870	4.3238	.4213	.19851	.42080
#1	71.221	1.2459	-.02452	-.00150	.01685	.0398	.77522	7.5524
#2	70.980	1.2392	-.02589	-.00027	.01830	.0402	.77231	7.5190
#3	71.208	1.2390	-.02377	-.00169	.01723	.0400	.77462	7.5825

Sample Name: K2311-14DLX10 Acquired: 4/19/2019 13:30:03 Type: Unk
 Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	15.468
Stddev	1.173
%RSD	7.5805

#1	15.504
#2	14.279
#3	16.623

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3748.0	48156.	5550.5	67.332	3692.5
Stddev	5.9	81.	20.7	1.440	6.5
%RSD	.15834	.16905	.37352	2.1389	.17657

#1	3741.2	48094.	5527.0	67.733	3685.5
#2	3750.5	48125.	5558.4	65.733	3698.3
#3	3752.3	48248.	5566.2	68.528	3693.8

Sample Name: K2311-02DLX10 Acquired: 4/19/2019 13:34:35 Type: Unk
Method: P4-ICP2(v3058) 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	.00188	-.00026	.00439	.00096	.00055	.05101	.00811	.00003
Stddev	.00280	.00101	.00101	.00213	.00095	.00514	.00027	.00002
%RSD	149.39	393.64	22.896	222.84	172.39	10.072	3.2921	73.925
#1	.00347	-.00044	.00549	.00341	.00061	.04808	.00837	.00002
#2	.00352	-.00116	.00351	-.00043	-.00043	.04801	.00784	.00006
#3	-.00136	.00083	.00418	-.00012	.00147	.05694	.00813	.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	47.200	-.00080	-.00009	.00092	.10949	.01772	159.68
Stddev	.00004	.185	.00031	.00007	.00025	.00131	.00015	.89
%RSD	96.387	.39291	38.869	76.258	26.634	1.1948	.85823	.56006
#1	-.00004	47.198	-.00069	-.00016	.00106	.10805	.01757	159.42
#2	-.00008	47.387	-.00056	-.00006	.00064	.11059	.01770	158.95
#3	-.00000	47.016	-.00115	-.00004	.00107	.10983	.01788	160.68
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00346	-.00017	1054.5	.00069	.00606	50.608	.00092	.55146
Stddev	.00047	.00022	16.2	.00011	.00010	.467	.00042	.00394
%RSD	13.660	131.37	1.5329	15.428	1.6031	.92271	45.796	.71367
#1	-.00389	.00004	1073.0	.00057	.00608	50.654	.00124	.55290
#2	-.00295	-.00039	1046.9	.00078	.00615	50.119	.00044	.54701
#3	-.00354	-.00015	1043.5	.00072	.00596	51.050	.00109	.55448
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 112.83	.43459	-.04367	.00253	.02341	.0187	.83963	7.7530
Stddev	.31	.01439	.00061	.00098	.00100	.0009	.00076	.1494
%RSD	.27342	3.3103	1.3936	38.751	4.2887	4.924	.09084	1.9268
#1	112.66	.41820	-.04433	.00332	.02235	.0184	.83993	7.7422
#2	112.64	.44048	-.04355	.00143	.02355	.0197	.84019	7.9074
#3	113.18	.44510	-.04313	.00283	.02435	.0179	.83876	7.6092

Sample Name: K2311-02DLX10 Acquired: 4/19/2019 13:34:35 Type: Unk
 Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	16.624
Stddev	2.339
%RSD	14.070

#1	13.924
#2	17.981
#3	17.969

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3730.3	47971.	5588.6	66.675	3666.2
Stddev	8.5	166.	26.7	1.773	9.9
%RSD	.22699	.34506	.47767	2.6590	.27020

#1	3725.8	47852.	5587.5	66.703	3667.3
#2	3740.0	48160.	5562.5	64.888	3675.5
#3	3724.9	47901.	5615.8	68.433	3655.8

Sample Name: K2311-05DLX10 Acquired: 4/19/2019 13:39:09 Type: Unk
Method: P4-ICP2(v3058) 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	.00271	-.00009	.00238	.00007	.00092	.01021	.00925	.00005
Stddev	.00121	.00148	.00007	.00092	.00064	.01318	.00018	.00005
%RSD	44.879	1731.5	2.9730	1408.6	68.728	129.11	1.9793	98.631
#1	.00331	.00148	.00233	.00112	.00051	-.00092	.00935	.00002
#2	.00349	-.00146	.00246	-.00033	.00166	.00678	.00937	.00010
#3	.00131	-.00028	.00235	-.00059	.00060	.02477	.00904	.00003
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	18.308	-.00009	.00005	.00064	.11376	.04051	65.465
Stddev	.00004	.018	.00031	.00025	.00025	.00095	.00020	.504
%RSD	92.050	.09562	339.33	473.62	38.432	.83770	.48253	.77054
#1	.00000	18.328	-.00044	-.00022	.00043	.11364	.04032	66.020
#2	-.00006	18.303	.00018	.00027	.00092	.11477	.04052	65.034
#3	-.00008	18.294	-.00002	.00010	.00058	.11288	.04071	65.340
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00210	-.00005	497.40	.00041	.00131	23.356	.00411	.26023
Stddev	.00077	.00023	5.45	.00056	.00009	.019	.00018	.01556
%RSD	36.666	445.77	1.0953	136.59	6.8091	.08115	4.3029	5.9800
#1	-.00144	.00021	502.25	.00083	.00133	23.361	.00412	.27239
#2	-.00295	-.00022	498.44	-.00022	.00139	23.372	.00428	.24269
#3	-.00191	-.00014	491.50	.00061	.00122	23.335	.00393	.26562
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 39.286	.48617	-.01453	.00187	.00778	.0614	.34474	6.4873
Stddev	.125	.00181	.00036	.00113	.00085	.0011	.00062	.1167
%RSD	.31856	.37168	2.4450	60.406	10.926	1.751	.18045	1.7987
#1	39.262	.48754	-.01432	.00073	.00693	.0606	.34471	6.5652
#2	39.422	.48412	-.01433	.00189	.00863	.0611	.34538	6.5434
#3	39.175	.48684	-.01494	.00299	.00778	.0626	.34413	6.3531

Sample Name: K2311-05DLX10 Acquired: 4/19/2019 13:39:09 Type: Unk
 Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	11.051
Stddev	.722
%RSD	6.5342

#1	11.287
#2	11.625
#3	10.240

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4009.6	51511.	5768.8	70.049	4027.1
Stddev	4.6	160.	23.4	1.350	5.4
%RSD	.11532	.31028	.40617	1.9277	.13357

#1	4009.8	51352.	5765.9	70.307	4023.0
#2	4014.1	51509.	5746.9	71.252	4025.2
#3	4004.8	51671.	5793.5	68.588	4033.2

Sample Name: CCV02 Acquired: 4/19/2019 13:57:04 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14849 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.3677	5.2428	5.2592	5.3159	5.3689	10.308	10.673	.26416
Stddev	.0166	.0141	.0063	.0100	.0056	.053	.043	.00061
%RSD	.30890	.26987	.11988	.18775	.10492	.51046	.40566	.23047
#1	5.3539	5.2468	5.2665	5.3075	5.3635	10.356	10.706	.26461
#2	5.3861	5.2545	5.2555	5.3269	5.3748	10.252	10.624	.26442
#3	5.3631	5.2271	5.2555	5.3132	5.3684	10.315	10.689	.26347
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5727	25.746	1.0135	2.6299	1.3205	5.2081	2.6539	26.294
Stddev	.0017	.082	.0024	.0048	.0012	.0124	.0055	.040
%RSD	.06580	.32007	.24098	.18357	.09150	.23857	.20560	.15173
#1	2.5713	25.745	1.0120	2.6340	1.3196	5.2065	2.6512	26.248
#2	2.5746	25.664	1.0121	2.6311	1.3219	5.1965	2.6504	26.314
#3	2.5722	25.829	1.0163	2.6246	1.3202	5.2212	2.6602	26.321
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5543	1.3095	25.938	2.5321	2.6498	25.536	5.3964	5.1853
Stddev	.0019	.0031	.115	.0062	.0032	.117	.0034	.0294
%RSD	.07396	.23887	.44469	.24587	.12245	.45826	.06401	.56730
#1	2.5549	1.3103	25.997	2.5286	2.6507	25.583	5.3927	5.1894
#2	2.5521	1.3061	25.805	2.5285	2.6525	25.402	5.3994	5.1540
#3	2.5558	1.3122	26.011	2.5393	2.6462	25.621	5.3972	5.2124
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2985	5.0248	5.2324	5.2518	5.0213	5.261	5.2219	4.7101
Stddev	.0063	.0212	.0107	.0324	.0268	.012	.0183	.2205
%RSD	.11991	.42236	.20504	.61608	.53404	.2250	.34978	4.6813
#1	5.2915	5.0072	5.2229	5.2687	5.0416	5.255	5.2366	4.4923
#2	5.3040	5.0188	5.2441	5.2145	4.9909	5.274	5.2015	4.7049
#3	5.2999	5.0484	5.2303	5.2722	5.0314	5.253	5.2277	4.9332

Sample Name: CCV02 Acquired: 4/19/2019 13:57:04 Type: Unk
 Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV14849 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 2.2253
Stddev	.7858
%RSD	35.314

#1	2.1690
#2	1.4691
#3	3.0377

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4231.8	55245.	5840.4	69.157	4357.9
Stddev	2.7	280.	31.6	.602	2.5
%RSD	.06478	.50749	.54067	.87062	.05822

#1	4234.9	55001.	5816.6	68.755	4359.7
#2	4229.7	55551.	5876.2	69.849	4355.0
#3	4230.9	55182.	5828.5	68.867	4359.1

Sample Name: CCB02 Acquired: 4/19/2019 14:01:05 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14849 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00017	-.00006	-.00004	.00006	.00040	-.00035	.00053	-.00003
Stddev	.00103	.00075	.00041	.00135	.00045	.01213	.00058	.00004
%RSD	591.76	1180.1	1113.7	2169.2	112.78	3512.8	109.50	118.48
#1	-.00098	.00048	-.00045	-.00117	.00091	-.00739	-.00011	.00001
#2	.00099	-.00092	-.00003	.00150	.00007	-.00731	.00069	-.00005
#3	.00051	.00025	.00037	-.00015	.00021	.01366	.00101	-.00007
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	.01104	.00014	.00016	.00010	.00049	.00002	.01732
Stddev	.00004	.00455	.00015	.00021	.00024	.00081	.00004	.02154
%RSD	63.868	41.248	106.94	127.50	231.53	165.02	187.20	124.34
#1	-.00010	.01624	.00018	.00016	.00035	.00098	.00006	-.00217
#2	-.00007	.00909	-.00003	.00037	.00008	-.00044	-.00002	.01368
#3	-.00002	.00779	.00025	-.00005	-.00012	.00093	.00002	.04045
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.00013	F .65556	-.00002	-.00031	.05693	.00016	-.00495
Stddev	.00036	.00026	.03689	.00016	.00002	.00780	.00013	.01019
%RSD	1917.7	198.05	5.6276	703.74	5.4679	13.699	82.130	205.83
#1	-.00032	-.00041	.62287	.00015	-.00030	.06125	.00017	.00239
#2	.00038	.00010	.64824	-.00015	-.00033	.06162	.00003	-.00066
#3	-.00012	-.00008	.69556	-.00007	-.00029	.04793	.00029	-.01659
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01578	.00047	-.00150	.00091	-.00264	-.0030	.00002	F 3.8511
Stddev	.00160	.00121	.00098	.00158	.00102	.0002	.00006	.1833
%RSD	10.142	259.09	65.105	172.75	38.726	7.118	257.60	4.7594
#1	.01751	-.00092	-.00089	.00260	-.00360	-.0032	-.00000	3.6394
#2	.01436	.00106	-.00099	.00065	-.00156	-.0029	.00009	3.9559
#3	.01546	.00125	-.00263	-.00052	-.00276	-.0028	-.00002	3.9580

Sample Name: CCB02 Acquired: 4/19/2019 14:01:05 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14849 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 1.2896
Stddev	1.9959
%RSD	154.76

#1	-.88940
#2	3.0291
#3	1.7292

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4416.3	57223.	5822.1	70.461	4940.9
Stddev	7.7	94.	18.1	1.298	11.6
%RSD	.17425	.16403	.31115	1.8417	.23552

#1	4407.5	57159.	5808.8	68.966	4927.5
#2	4421.8	57331.	5814.9	71.127	4946.6
#3	4419.6	57180.	5842.7	71.291	4948.6

Sample Name: K2311-15DLX10 Acquired: 4/19/2019 14:05:31 Type: Unk
Method: P4-ICP2(v3058) 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	.00459	-.00007	.00305	.00010	.00004	-.01365	.00874	.00002
Stddev	.00250	.00023	.00086	.00173	.00181	.00690	.00023	.00005
%RSD	54.467	308.31	28.338	1759.5	4405.8	50.527	2.5993	236.58
#1	.00746	-.00019	.00208	-.00183	-.00194	-.02127	.00857	.00000
#2	.00293	.00019	.00373	.00150	.00047	-.00784	.00866	.00009
#3	.00337	-.00022	.00333	.00062	.00160	-.01183	.00900	-.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	18.411	-.00020	-.00006	.00047	.00592	.03962	65.881
Stddev	.00007	.028	.00018	.00013	.00036	.00045	.00015	.330
%RSD	80.565	.15136	89.156	215.08	76.669	7.5465	.38797	.50047
#1	-.00001	18.439	-.00018	.00005	.00065	.00543	.03980	66.260
#2	-.00011	18.383	-.00038	-.00002	.00072	.00631	.03957	65.657
#3	-.00015	18.412	-.00003	-.00021	.00006	.00601	.03950	65.726
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00236	.00011	535.52	.00048	.00071	23.427	.00404	.26728
Stddev	.00009	.00056	3.56	.00042	.00013	.171	.00016	.00473
%RSD	3.8870	515.25	.66469	87.506	18.090	.73067	3.8568	1.7692
#1	-.00229	-.00054	538.81	.00095	.00085	23.308	.00422	.26395
#2	-.00246	.00048	531.74	.00015	.00069	23.350	.00396	.26520
#3	-.00232	.00038	536.02	.00034	.00059	23.623	.00394	.27269
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 39.498	.46209	-.01458	.00005	.00788	.0362	.34743	5.9554
Stddev	.173	.00227	.00096	.00123	.00019	.0008	.00080	.1782
%RSD	.43847	.49201	6.5668	2523.5	2.4561	2.238	.23129	2.9916
#1	39.515	.46058	-.01387	.00020	.00770	.0370	.34676	6.0457
#2	39.662	.46471	-.01567	-.00125	.00808	.0361	.34721	5.7502
#3	39.317	.46099	-.01420	.00119	.00786	.0354	.34832	6.0704

Sample Name: K2311-15DLX10 Acquired: 4/19/2019 14:05:31 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 12.864
Stddev 1.483
%RSD 11.528

#1 11.481
#2 12.682
#3 14.430

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3939.0	50554.	5665.6	68.675	3955.3
Stddev	2.2	53.	11.3	.517	2.8
%RSD	.05474	.10546	.19974	.75256	.07164

#1	3936.5	50563.	5669.4	68.492	3953.9
#2	3940.2	50496.	5674.6	68.275	3953.5
#3	3940.3	50601.	5652.9	69.259	3958.6

Sample Name: K2311-03 Acquired: 4/19/2019 14:10:01 Type: Unk
Method: P4-ICP2(v3058) 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	.20115	.00340	.01340	.00183	.03567	.40218	.34235
Stddev	.00449	.00054	.00066	.00120	.00156	.03231	.00107
%RSD	2.2318	15.837	4.9433	65.532	4.3673	8.0334	.31243

#1	.20590	.00292	.01334	.00283	.03454	.42721	.34198
#2	.19698	.00329	.01409	.00216	.03502	.36571	.34356
#3	.20059	.00398	.01277	.00050	.03744	.41361	.34151

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00024	.00003	332.38	-.00532	.00195	.01099	6.4857
Stddev	.00015	.00013	.70	.00043	.00017	.00094	.0095
%RSD	61.579	484.83	.20990	8.1737	8.4675	8.5500	.14608

#1	.00017	-.00012	331.60	-.00538	.00214	.01098	6.4797
#2	.00014	.00013	332.61	-.00485	.00187	.01005	6.4808
#3	.00041	.00006	332.93	-.00571	.00184	.01193	6.4966

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.57115	1641.4	-.00211	.00008	F 4215.8	.01008	.05905
Stddev	.00047	2.6	.00119	.00013	137.6	.00040	.00026
%RSD	.08294	.15736	56.494	169.80	3.2649	3.9645	.44746

#1	.57106	1638.5	-.00151	.00016	4369.7	.00962	.05928
#2	.57166	1643.6	-.00348	-.00008	4173.3	.01027	.05911
#3	.57072	1642.0	-.00133	.00015	4104.5	.01035	.05876

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	756.35	.07797	6.7204	F 951.46	8.3675	-.32577	.01014
Stddev	2.04	.00012	.0719	3.89	.0406	.00185	.00066
%RSD	.26991	.15039	1.0696	.40934	.48571	.56829	6.4865

#1	754.32	.07807	6.7881	952.14	8.3494	-.32624	.01078
#2	756.32	.07800	6.7282	954.98	8.3391	-.32734	.00947
#3	758.40	.07785	6.6450	947.28	8.4141	-.32373	.01017

Sample Name: K2311-03 Acquired: 4/19/2019 14:10:01 Type: Unk
 Method: P4-ICP2(v3058) 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	.23712	1.190	7.5838	12.448	F<.00000
Stddev	.00195	.006	.0619	.072	.64098
%RSD	.82305	.5260	.81591	.58086	25.475

#1	.23559	1.197	7.5941	12.432	-2.7002
#2	.23646	1.188	7.5175	12.527	-1.8032
#3	.23932	1.184	7.6399	12.385	-3.0448

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2478.1	34089.	5083.3	56.756	2289.2
Stddev	4.5	72.	12.3	.795	6.2
%RSD	.18257	.20991	.24232	1.4011	.26953

#1	2478.0	34116.	5090.4	57.254	2290.0
#2	2473.6	34143.	5090.4	57.175	2282.6
#3	2482.6	34008.	5069.1	55.839	2294.9

Sample Name: K2311-04 Acquired: 4/19/2019 14:14:40 Type: Unk
Method: P4-ICP2(v3058) 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	.16220	.00313	.01294	.00056	.00802	.08404	.28588
Stddev	.00104	.00171	.00054	.00036	.00195	.02689	.00077
%RSD	.64247	54.826	4.1635	63.497	24.272	31.994	.26918

#1	.16312	.00434	.01243	.00079	.00637	.05314	.28677
#2	.16240	.00117	.01351	.00074	.01016	.10214	.28541
#3	.16107	.00388	.01289	.00015	.00752	.09684	.28546

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00034	.00019	379.77	-.00715	.00226	.00765	10.522
Stddev	.00017	.00002	2.10	.00042	.00023	.00065	.019
%RSD	48.541	12.812	.55236	5.9140	10.378	8.5032	.17671

#1	.00015	.00019	378.20	-.00670	.00253	.00804	10.505
#2	.00044	.00017	382.15	-.00755	.00210	.00801	10.542
#3	.00043	.00022	378.95	-.00720	.00215	.00690	10.518

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1655	1726.9	-.00342	-.00057	F 3608.3	.01027	.17559
Stddev	.0013	5.4	.00146	.00010	130.2	.00054	.00186
%RSD	.11395	.31195	42.633	17.945	3.6086	5.2379	1.0585

#1	1.1665	1727.2	-.00183	-.00053	3756.5	.01022	.17743
#2	1.1659	1732.1	-.00470	-.00050	3556.3	.00975	.17371
#3	1.1640	1721.4	-.00372	-.00069	3512.2	.01083	.17563

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	804.84	.02856	7.4888	F 888.65	F 13.046	-.30421	-.00289
Stddev	6.20	.00044	.0282	14.32	.078	.00552	.00128
%RSD	.77073	1.5536	.37688	1.6108	.60093	1.8153	44.278

#1	811.89	.02904	7.5210	902.84	12.983	-.30901	-.00288
#2	802.39	.02817	7.4686	874.21	13.134	-.29817	-.00161
#3	800.24	.02847	7.4767	888.90	13.023	-.30545	-.00417

Sample Name: K2311-04 Acquired: 4/19/2019 14:14:40 Type: Unk
Method: P4-ICP2(v3058) 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	.23287	2.182	8.4372	12.576	F<.00000
Stddev	.00130	.031	.0732	.127	2.4822
%RSD	.55805	1.435	.86710	1.0131	70.486
#1	.23187	2.216	8.3553	12.505	-6.1556
#2	.23239	2.155	8.4603	12.500	-3.1827
#3	.23434	2.175	8.4961	12.723	-1.2261
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2417.7	33561.	5029.5	56.344	2232.4
Stddev	26.0	124.	26.5	1.105	29.2
%RSD	1.0759	.37084	.52756	1.9618	1.3082
#1	2389.4	33464.	5051.5	55.696	2203.4
#2	2440.6	33517.	5000.1	55.717	2261.8
#3	2423.1	33701.	5037.1	57.621	2231.9

Sample Name: K2198-03DLX10 Acquired: 4/19/2019 14:19:17 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-041619 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.31652	.00242	.05297	.00224	-.00067	13.338	.05522	.00116
Stddev	.00405	.00020	.00179	.00243	.00115	.044	.00049	.00010
%RSD	1.2793	8.4325	3.3844	108.19	170.68	.33216	.89239	8.3617

#1	.31419	.00219	.05167	.00066	-.00008	13.384	.05479	.00106
#2	.32120	.00254	.05222	.00103	.00006	13.336	.05511	.00126
#3	.31417	.00254	.05502	.00504	-.00200	13.295	.05576	.00114

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00037	290.17	.01281	.00952	.03166	24.889	1.4883	60.645
Stddev	.00005	4.00	.00011	.00009	.00010	.045	.0011	.488
%RSD	12.348	1.3776	.85327	.96813	.30840	.17978	.07312	.80462

#1	-.00042	294.72	.01268	.00954	.03177	24.839	1.4873	60.172
#2	-.00033	287.25	.01287	.00942	.03159	24.904	1.4880	60.615
#3	-.00036	288.53	.01287	.00961	.03161	24.924	1.4894	61.147

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01589	-.00085	7.4381	.04060	.13215	1.8155	.00011	.03709
Stddev	.00029	.00022	.1998	.00021	.00023	.0252	.00016	.01687
%RSD	1.8116	25.984	2.6855	.51748	.17180	1.3878	150.80	45.472

#1	.01558	-.00074	7.2129	.04074	.13230	1.7867	-.00007	.05242
#2	.01593	-.00071	7.5079	.04036	.13225	1.8266	.00026	.01902
#3	.01615	-.00111	7.5937	.04069	.13189	1.8333	.00013	.03983

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0504	1.3956	.00036	.26997	.02455	.5157	.86324	4.7538
Stddev	.0741	.0445	.00074	.00683	.00101	.0019	.01407	.0918
%RSD	7.0546	3.1918	204.68	2.5302	4.1293	.3706	1.6300	1.9319

#1	1.1281	1.4469	.00121	.27784	.02502	.5168	.87948	4.7986
#2	1.0427	1.3723	-.00017	.26656	.02525	.5168	.85455	4.8147
#3	.98045	1.3675	.00005	.26552	.02339	.5135	.85570	4.6482

Sample Name: K2198-03DLX10 Acquired: 4/19/2019 14:19:17 Type: Unk
 Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-01-041619 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	3.3898
Stddev	1.4231
%RSD	41.983

#1	1.8432
#2	3.6820
#3	4.6442

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4124.8	53705.	5822.8	67.576	4140.3
Stddev	7.6	107.	103.1	.911	3.0
%RSD	.18367	.19960	1.7714	1.3485	.07215

#1	4126.0	53606.	5703.8	68.507	4137.0
#2	4116.7	53690.	5880.3	67.534	4141.0
#3	4131.7	53819.	5884.5	66.686	4142.9

Sample Name: K2467-01 Acquired: 4/19/2019 14:23:36 Type: Unk
Method: P4-ICP2(v3058) 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	.00217	.00157	.00305	-.00142	-.00045	-.00905	.34169	.00005
Stddev	.00394	.00125	.00160	.00209	.00106	.01230	.00068	.00009
%RSD	181.96	79.410	52.531	147.06	236.39	135.97	.19766	179.62
#1	.00488	.00090	.00264	.00096	-.00148	.00444	.34102	.00008
#2	.00398	.00301	.00169	-.00227	.00063	-.01193	.34237	-.00005
#3	-.00236	.00080	.00481	-.00295	-.00049	-.01965	.34168	.00011
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	264.63	-.00047	-.00005	.00210	-.00241	.00059	109.06
Stddev	.00004	.72	.00042	.00014	.00013	.00028	.00005	.43
%RSD	652.99	.27076	89.185	268.47	6.0501	11.589	8.8863	.39818
#1	-.00005	264.99	-.00090	.00005	.00205	-.00271	.00060	108.56
#2	.00000	265.10	-.00042	-.00021	.00225	-.00234	.00064	109.36
#3	.00003	263.81	-.00008	.00000	.00201	-.00217	.00053	109.27
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00226	-.00060	1020.0	.00037	.06329	39.188	.12423	.48152
Stddev	.00046	.00072	6.2	.00007	.00047	.154	.00096	.01221
%RSD	20.249	118.67	.60936	18.610	.73567	.39396	.77472	2.5352
#1	-.00268	-.00050	1013.3	.00041	.06329	39.048	.12521	.47246
#2	-.00177	.00006	1021.3	.00029	.06283	39.164	.12329	.49540
#3	-.00233	-.00137	1025.5	.00040	.06376	39.353	.12418	.47669
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 63.224	F 13.616	-.02429	-.00843	.03856	.0316	1.7587	6.3753
Stddev	.494	.052	.00047	.00135	.00098	.0012	.0053	.2689
%RSD	.78184	.38142	1.9470	15.997	2.5428	3.795	.29983	4.2179
#1	62.942	13.631	-.02456	-.00910	.03946	.0329	1.7642	6.0945
#2	62.935	13.659	-.02374	-.00688	.03751	.0306	1.7581	6.4010
#3	63.795	13.559	-.02456	-.00932	.03870	.0312	1.7537	6.6304

Sample Name: K2467-01 Acquired: 4/19/2019 14:23:36 Type: Unk
 Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	17.751
Stddev	.421
%RSD	2.3717

#1	17.440
#2	18.230
#3	17.582

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3768.6	49425.	5869.8	69.480	3736.1
Stddev	18.1	28.	17.8	2.485	25.3
%RSD	.47934	.05728	.30385	3.5769	.67689

#1	3765.3	49441.	5853.4	68.048	3745.8
#2	3788.1	49442.	5867.1	72.349	3755.1
#3	3752.4	49392.	5888.8	68.041	3707.4

Sample Name: K2311-06DLX10 Acquired: 4/19/2019 14:28:07 Type: Unk
Method: P4-ICP2(v3058) 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	.00532	.00067	.00401	-.00008	.00075	.01997	.02995	-.00001
Stddev	.00192	.00050	.00039	.00064	.00070	.00442	.00044	.00008
%RSD	36.063	74.538	9.8072	780.00	93.784	22.125	1.4572	686.19
#1	.00329	.00033	.00447	.00050	.00116	.01522	.03035	-.00009
#2	.00555	.00043	.00375	-.00077	-.00006	.02396	.03000	-.00002
#3	.00711	.00124	.00382	.00002	.00114	.02072	.02949	.00007
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	41.793	-.00006	.00027	.00116	.84044	.22008	138.16
Stddev	.00002	.217	.00013	.00019	.00016	.00227	.00051	.81
%RSD	22.373	.51884	224.41	69.379	13.847	.27033	.23206	.58589
#1	-.00011	41.568	.00009	.00038	.00101	.83909	.22061	137.86
#2	-.00007	41.811	-.00017	.00037	.00133	.83917	.22006	139.07
#3	-.00010	42.001	-.00010	.00005	.00115	.84306	.21959	137.54
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00294	-.00025	831.97	.00045	.01084	47.094	.00662	.50620
Stddev	.00016	.00028	33.04	.00041	.00008	.062	.00005	.00655
%RSD	5.4201	111.51	3.9709	90.523	.69648	.13123	.73104	1.2942
#1	-.00310	.00006	862.92	.00017	.01080	47.040	.00657	.50410
#2	-.00293	-.00035	835.82	.00026	.01093	47.081	.00664	.50095
#3	-.00278	-.00048	797.18	.00092	.01080	47.161	.00666	.51354
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 87.120	.69062	-.03105	.00026	.01724	.0693	.73834	7.3204
Stddev	.163	.00562	.00084	.00142	.00084	.0020	.00189	.0685
%RSD	.18730	.81428	2.6986	538.04	4.8622	2.816	.25612	.93542
#1	87.159	.69196	-.03118	-.00090	.01769	.0708	.73762	7.3221
#2	86.941	.68445	-.03182	-.00016	.01775	.0671	.73690	7.3879
#3	87.260	.69546	-.03016	.00185	.01627	.0699	.74048	7.2510

Sample Name: K2311-06DLX10 Acquired: 4/19/2019 14:28:07 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	14.126
Stddev	2.531
%RSD	17.919

#1	12.474
#2	12.864
#3	17.041

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3712.0	47499.	5535.6	65.628	3672.2
Stddev	7.5	71.	22.9	1.230	7.5
%RSD	.20123	.14908	.41376	1.8740	.20350

#1	3709.2	47419.	5527.7	65.930	3668.9
#2	3706.3	47526.	5561.4	66.678	3680.7
#3	3720.4	47553.	5517.7	64.275	3666.9

Sample Name: K2311-07DLX10 Acquired: 4/19/2019 14:32:38 Type: Unk
Method: P4-ICP2(v3058) 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	.00353	.00119	.00396	-.00123	.00064	.02033	.01857	.00007
Stddev	.00100	.00114	.00155	.00213	.00112	.00198	.00040	.00004
%RSD	28.318	95.860	39.158	173.60	175.12	9.7421	2.1273	56.213
#1	.00393	.00251	.00222	-.00306	-.00054	.02261	.01845	.00011
#2	.00239	.00041	.00520	.00112	.00077	.01931	.01825	.00004
#3	.00425	.00066	.00446	-.00175	.00169	.01907	.01901	.00006
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	40.338	-.00050	.00037	.00096	.51188	.18264	139.68
Stddev	.00005	.132	.00016	.00023	.00037	.00290	.00087	.60
%RSD	79.402	.32652	32.749	62.426	38.636	.56598	.47797	.43032
#1	-.00003	40.221	-.00036	.00010	.00102	.51059	.18230	140.01
#2	-.00013	40.313	-.00046	.00051	.00129	.50984	.18199	138.98
#3	-.00004	40.480	-.00068	.00049	.00056	.51519	.18363	140.04
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00332	.00007	895.09	.00099	.00940	48.482	.00565	.52494
Stddev	.00052	.00054	14.59	.00029	.00016	.067	.00033	.00503
%RSD	15.581	748.93	1.6302	29.375	1.6500	.13754	5.7824	.95795
#1	-.00292	.00043	911.66	.00065	.00928	48.449	.00530	.52597
#2	-.00390	.00034	889.49	.00112	.00958	48.439	.00595	.52937
#3	-.00312	-.00055	884.13	.00119	.00935	48.559	.00568	.51947
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 83.923	.87695	-.02953	.00045	.01877	.1060	.73024	6.8681
Stddev	.095	.00968	.00037	.00091	.00041	.0020	.00149	.1130
%RSD	.11351	1.1039	1.2546	199.91	2.2023	1.917	.20366	1.6450
#1	83.817	.86668	-.02938	-.00024	.01923	.1069	.72872	6.9519
#2	83.952	.87828	-.02995	.00012	.01841	.1074	.73031	6.7396
#3	84.001	.88590	-.02925	.00148	.01868	.1036	.73169	6.9127

Sample Name: K2311-07DLX10 Acquired: 4/19/2019 14:32:38 Type: Unk
 Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	16.067
Stddev	.976
%RSD	6.0752

#1	16.513
#2	16.740
#3	14.948

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3705.0	47547.	5517.8	66.777	3659.2
Stddev	6.5	185.	2.0	2.190	15.2
%RSD	.17610	.38929	.03554	3.2799	.41502

#1	3702.5	47338.	5515.6	65.865	3658.3
#2	3700.1	47690.	5519.4	65.190	3644.5
#3	3712.4	47613.	5518.3	69.275	3674.9

Sample Name: K2311-03DLX10 Acquired: 4/19/2019 14:37:09 Type: Unk
Method: P4-ICP2(v3058) 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	.02068	.00001	.00428	.00020	.00286	.04313	.02709	.00005
Stddev	.00342	.00050	.00059	.00173	.00125	.01614	.00043	.00006
%RSD	16.552	6331.6	13.833	865.14	43.908	37.424	1.5764	112.67
#1	.02104	-.00044	.00388	.00165	.00398	.05919	.02701	.00006
#2	.02390	.00055	.00400	.00068	.00150	.04330	.02755	-.00001
#3	.01708	-.00008	.00496	-.00172	.00308	.02691	.02670	.00011
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	38.594	.00014	-.00017	.00137	.78777	.06643	149.14
Stddev	.00003	.416	.00029	.00006	.00005	.00482	.00044	1.00
%RSD	32.116	1.0778	201.21	36.121	4.0025	.61178	.66782	.67104
#1	-.00009	38.989	.00048	-.00024	.00144	.78223	.06593	148.16
#2	-.00006	38.160	-.00004	-.00016	.00134	.79105	.06674	150.16
#3	-.00011	38.633	-.00001	-.00012	.00134	.79002	.06664	149.10
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00300	-.00029	998.86	.00151	.00527	53.549	.00828	.58555
Stddev	.00014	.00036	20.71	.00029	.00005	.170	.00037	.01597
%RSD	4.5672	124.19	2.0730	19.100	.89987	.31739	4.4833	2.7266
#1	-.00292	-.00057	1022.4	.00154	.00522	53.352	.00800	.58059
#2	-.00292	-.00042	990.72	.00120	.00532	53.653	.00813	.57264
#3	-.00316	.00012	983.46	.00178	.00528	53.640	.00870	.60340
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 90.525	.98865	-.03103	.00119	.01826	.0990	.78856	6.8436
Stddev	.414	.00156	.00104	.00091	.00048	.0021	.00323	.2042
%RSD	.45785	.15810	3.3633	76.272	2.6228	2.109	.40998	2.9835
#1	90.979	.98687	-.03208	.00025	.01801	.1005	.78978	7.0284
#2	90.166	.98976	-.03101	.00207	.01797	.0966	.78489	6.8779
#3	90.429	.98934	-.03000	.00126	.01882	.1000	.79100	6.6244

Sample Name: K2311-03DLX10 Acquired: 4/19/2019 14:37:09 Type: Unk
 Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	14.561
Stddev	.065
%RSD	.44678

#1	14.534
#2	14.514
#3	14.635

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3716.3	47601.	5593.9	67.821	3662.1
Stddev	4.5	144.	40.1	.089	3.4
%RSD	.12176	.30208	.71709	.13154	.09321

#1	3711.9	47544.	5550.6	67.808	3662.1
#2	3716.1	47493.	5629.7	67.739	3658.6
#3	3720.9	47764.	5601.4	67.916	3665.5

Sample Name: K2311-04DLX10 Acquired: 4/19/2019 14:41:40 Type: Unk
Method: P4-ICP2(v3058) 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	.01461	.00063	.00387	.00199	-.00024	.02086	.02219	.00002
Stddev	.00218	.00154	.00051	.00085	.00081	.00357	.00038	.00007
%RSD	14.907	244.43	13.187	42.780	331.75	17.114	1.7117	282.65
#1	.01221	.00089	.00425	.00136	.00049	.02218	.02249	-.00002
#2	.01647	.00202	.00329	.00296	-.00112	.01682	.02232	.00010
#3	.01516	-.00102	.00407	.00165	-.00010	.02358	.02176	-.00001
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	44.477	-.00035	-.00010	.00088	1.2872	.13615	156.30
Stddev	.00003	.251	.00026	.00017	.00050	.0027	.00014	.20
%RSD	26.245	.56369	75.167	171.87	57.372	.20799	.10329	.12618
#1	-.00009	44.379	-.00050	-.00014	.00065	1.2870	.13602	156.53
#2	-.00015	44.290	-.00005	-.00024	.00146	1.2847	.13613	156.19
#3	-.00012	44.762	-.00050	.00009	.00053	1.2900	.13630	156.19
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00323	-.00037	1038.2	.00139	.01449	56.785	.00328	.62403
Stddev	.00022	.00049	22.0	.00033	.00020	.309	.00025	.01716
%RSD	6.7887	130.54	2.1218	23.796	1.3543	.54428	7.7092	2.7501
#1	-.00301	.00015	1063.4	.00102	.01471	56.431	.00357	.63817
#2	-.00345	-.00082	1022.8	.00148	.01433	56.922	.00311	.60494
#3	-.00322	-.00046	1028.4	.00166	.01444	57.002	.00315	.62897
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 83.195	1.5306	-.02787	.00119	.01827	.1857	.89080	7.0833
Stddev	.227	.0037	.00048	.00164	.00153	.0023	.00191	.1328
%RSD	.27304	.23865	1.7398	138.00	8.3840	1.236	.21412	1.8742
#1	82.941	1.5271	-.02842	.00185	.01807	.1855	.88952	7.1021
#2	83.380	1.5344	-.02750	.00240	.01988	.1835	.88989	6.9422
#3	83.263	1.5302	-.02768	-.00068	.01684	.1881	.89299	7.2057

Sample Name: K2311-04DLX10 Acquired: 4/19/2019 14:41:40 Type: Unk
 Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	18.242
Stddev	1.402
%RSD	7.6834

#1	16.857
#2	18.208
#3	19.660

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3668.6	47011.	5473.8	64.762	3625.4
Stddev	5.1	98.	7.5	.974	12.3
%RSD	.13987	.20798	.13726	1.5047	.33836

#1	3663.3	46920.	5468.8	65.879	3632.4
#2	3673.5	47000.	5470.2	64.321	3611.2
#3	3669.0	47114.	5482.5	64.087	3632.5

Sample Name: K2203-15 Acquired: 4/19/2019 14:46:12 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-02-041819 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00312	.00134	.25252	.02960	.01657	267.61	1.2060
Stddev	.00064	.00136	.00142	.00063	.00056	.06	.0024
%RSD	20.618	101.69	.56230	2.1228	3.4031	.02068	.19824

#1	.00258	.00044	.25413	.03032	.01667	267.67	1.2070
#2	.00383	.00291	.25199	.02919	.01596	267.56	1.2032
#3	.00295	.00067	.25144	.02927	.01708	267.60	1.2076

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02471	.03441	66.154	.22987	.43152	.61623	370.86
Stddev	.00003	.00022	.102	.00038	.00014	.00262	.64
%RSD	.14131	.63858	.15351	.16319	.03129	.42471	.17357

#1	.02475	.03419	66.248	.22985	.43148	.61824	370.47
#2	.02471	.03463	66.169	.22951	.43140	.61327	371.60
#3	.02468	.03441	66.046	.23026	.43167	.61717	370.50

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.826	78.589	.35420	-.03433	15.122	1.3016	1.1326
Stddev	.057	.159	.00146	.00041	.042	.0032	.0008
%RSD	.44107	.20225	.41137	1.1901	.27481	.24961	.06617

#1	12.892	78.678	.35374	-.03390	15.158	1.3049	1.1329
#2	12.792	78.405	.35303	-.03438	15.077	1.2984	1.1332
#3	12.795	78.683	.35583	-.03472	15.132	1.3015	1.1318

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.4664	.00155	.14383	4.4226	1.8973	.02242	F 10.384
Stddev	.0020	.00025	.01046	.0209	.0100	.00063	.015
%RSD	.02123	15.871	7.2704	.47331	.52837	2.8252	.14611

#1	9.4665	.00129	.15203	4.4465	1.8859	.02315	10.373
#2	9.4643	.00178	.14740	4.4075	1.9012	.02203	10.401
#3	9.4683	.00157	.13205	4.4139	1.9048	.02208	10.377

Sample Name: K2203-15 Acquired: 4/19/2019 14:46:12 Type: Unk
 Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SU-02-041819 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.11622	F 10.91	-.21048	<.00000	F<.00000
Stddev	.00085	.04	.00123	.18978	2.3047
%RSD	.73010	.3424	.58403	1.6767	.78676
#1	.11720	10.95	-.21024	-11.114	-291.23
#2	.11570	10.88	-.21181	-11.489	-292.00
#3	.11575	10.89	-.20939	-11.353	-295.55
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5367.7	70453.	7794.9	63.960	3810.7
Stddev	4.5	154.	26.0	1.768	6.3
%RSD	.08390	.21917	.33306	2.7647	.16419
#1	5366.5	70281.	7772.7	62.247	3806.8
#2	5363.9	70500.	7788.5	63.854	3807.3
#3	5372.7	70579.	7823.5	65.778	3817.9

Sample Name: CCV03 Acquired: 4/19/2019 14:50:46 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14861 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.4269	5.3141	5.3077	5.3937	5.4381	10.642	10.855
Stddev	.0070	.0102	.0112	.0091	.0112	.031	.027
%RSD	.12999	.19157	.21128	.16790	.20657	.29529	.25235

#1	5.4349	5.3187	5.3197	5.4040	5.4493	10.610	10.834
#2	5.4216	5.3211	5.3059	5.3904	5.4269	10.673	10.886
#3	5.4241	5.3024	5.2975	5.3868	5.4381	10.644	10.846

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.26627	2.6070	25.896	1.0296	2.6583	1.3364	5.2855
Stddev	.00063	.0067	.052	.0009	.0064	.0033	.0089
%RSD	.23701	.25836	.19992	.09090	.24122	.24942	.16820

#1	.26696	2.6132	25.900	1.0301	2.6643	1.3394	5.2876
#2	.26613	2.6082	25.946	1.0302	2.6591	1.3328	5.2757
#3	.26572	2.5998	25.843	1.0286	2.6516	1.3370	5.2931

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6735	26.658	2.5934	1.3306	25.753	2.5614	2.6723
Stddev	.0022	.102	.0073	.0012	.069	.0032	.0049
%RSD	.08116	.38393	.28222	.09225	.26959	.12335	.18233

#1	2.6736	26.540	2.6011	1.3307	25.717	2.5636	2.6765
#2	2.6714	26.721	2.5925	1.3294	25.833	2.5578	2.6735
#3	2.6757	26.713	2.5865	1.3318	25.710	2.5629	2.6670

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.242	5.4697	5.2008	5.3940	5.0908	5.2900	5.3155
Stddev	.088	.0084	.0632	.0313	.0239	.0135	.0045
%RSD	.33347	.15378	1.2155	.58054	.46979	.25460	.08550

#1	26.220	5.4794	5.1382	5.4277	5.1072	5.3054	5.3161
#2	26.167	5.4650	5.1996	5.3885	5.0633	5.2843	5.3197
#3	26.338	5.4646	5.2646	5.3659	5.1017	5.2803	5.3107

Sample Name: CCV03 Acquired: 4/19/2019 14:50:46 Type: Unk
 Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV14861 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	5.1148	5.368	5.2663	F 3.9724	F<.00000
Stddev	.0151	.028	.0512	.1887	1.0888
%RSD	.29498	.5155	.97314	4.7491	312.91
#1	5.1286	5.394	5.3057	4.1844	.75380
#2	5.0987	5.370	5.2084	3.9095	-.37431
#3	5.1172	5.339	5.2849	3.8232	-1.4234
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4215.4	54512.	5815.0	67.918	4335.8
Stddev	4.0	64.	31.2	1.026	9.3
%RSD	.09395	.11712	.53657	1.5109	.21534
#1	4210.9	54496.	5785.2	66.849	4326.7
#2	4218.5	54583.	5847.4	68.009	4335.3
#3	4216.8	54458.	5812.2	68.895	4345.4

Sample Name: CCB03 Acquired: 4/19/2019 14:54:47 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14861 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00055	-.00032	-.00061	-.00228	.00074	-.00636	.00033
Stddev	.00027	.00107	.00086	.00055	.00070	.00189	.00019
%RSD	49.278	336.63	140.69	24.086	94.346	29.687	58.401

#1	.00047	-.00027	-.00068	-.00244	.00076	-.00506	.00033
#2	.00033	.00073	.00028	-.00167	.00144	-.00853	.00052
#3	.00085	-.00141	-.00144	-.00274	.00003	-.00549	.00014

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.00005	.00009	.00010	.00003	-.00007	.00123
Stddev	.00005	.00004	.00955	.00025	.00005	.00008	.00095
%RSD	170.95	78.144	10634.	236.40	166.89	119.92	77.271

#1	-.00002	-.00005	-.00178	.00000	.00002	.00002	.00223
#2	-.00008	-.00008	-.00839	.00038	.00009	-.00013	.00034
#3	.00001	-.00001	.01044	-.00008	-.00001	-.00008	.00112

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.03337	.00033	-.00021	F .92237	-.00008	-.00040
Stddev	.00003	.04066	.00022	.00041	.04270	.00015	.00008
%RSD	300.45	121.86	66.365	195.24	4.6290	191.29	19.568

#1	-.00002	.01130	.00028	.00001	.88223	-.00023	-.00049
#2	.00002	.00851	.00014	-.00069	.91764	-.00006	-.00035
#3	.00003	.08029	.00056	.00004	.96723	.00006	-.00036

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17215	.00027	.00303	F .01696	.00087	-.00163	-.00092
Stddev	.02482	.00014	.00967	.00018	.00196	.00036	.00293
%RSD	14.420	53.267	319.08	1.0659	226.11	21.954	319.15

#1	.15699	.00043	.00504	.01678	.00264	-.00150	-.00252
#2	.15866	.00025	-.00749	.01714	.00119	-.00136	-.00270
#3	.20080	.00014	.01154	.01697	-.00123	-.00204	.00246

Sample Name: CCB03 Acquired: 4/19/2019 14:54:47 Type: Unk
 Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14861 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00264	-.0031	.00002	F 3.0811	F<.00000
Stddev	.00181	.0016	.00005	.0354	.99200
%RSD	68.626	51.06	229.43	1.1479	42.344
#1	-.00385	-.0041	.00008	3.0567	-1.5295
#2	-.00352	-.0040	-.00002	3.1216	-2.0506
#3	-.00056	-.0013	.00001	3.0649	-3.4480
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4405.5	56817.	5848.2	70.566	4918.2
Stddev	11.5	154.	46.4	.781	10.2
%RSD	.26195	.27142	.79282	1.1065	.20668
#1	4401.3	56689.	5809.4	69.705	4909.1
#2	4396.6	56774.	5835.7	71.227	4916.3
#3	4418.5	56989.	5899.5	70.766	4929.2

Sample Name: LR CHECK 1 Acquired: 4/19/2019 14:59:04 Type: Unk
Method: P4-ICP2(v3058) 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	-.07692	.07752	.07599	.00613	.06999	2112.1	.01088	.03760
Stddev	.00658	.00419	.00789	.00636	.00870	9.2	.00049	.00023
%RSD	8.5557	5.4105	10.376	103.79	12.424	.43440	4.4982	.60955

#1	-.07182	.07561	.08097	.01341	.07672	2116.3	.01035	.03783
#2	-.07459	.07462	.06690	.00340	.07309	2118.5	.01099	.03761
#3	-.08435	.08233	.08011	.00159	.06017	2101.6	.01131	.03737

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06990	1881.6	-.09354	.06174	-.00026	959.02	-.00046	1740.3
Stddev	.00158	13.7	.00068	.00068	.00158	3.40	.00019	5.1
%RSD	2.2547	.72554	.72540	1.1033	601.23	.35446	40.377	.29382

#1	.06987	1893.2	-.09362	.06214	-.00084	957.11	-.00028	1736.2
#2	.06834	1866.5	-.09418	.06095	-.00147	962.95	-.00065	1746.1
#3	.07149	1885.1	-.09283	.06213	.00152	957.01	-.00045	1738.7

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05695	-.12821	1703.5	.00824	.08194	1055.1	-.00770	-.15985
Stddev	.00131	.00056	8.2	.00081	.00262	8.5	.00118	.01961
%RSD	2.3001	.43410	.48097	9.8681	3.2019	.80491	15.385	12.267

#1	.05720	-.12794	1694.5	.00735	.08134	1052.9	-.00860	-.18088
#2	.05553	-.12784	1710.5	.00844	.07967	1064.5	-.00815	-.14207
#3	.05812	-.12885	1705.6	.00894	.08481	1048.0	-.00636	-.15660

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49900	-.01327	.03084	-.06234	.10802	.0469	-1.0377	<.00000
Stddev	.00728	.00438	.00321	.00234	.00051	.0080	.0038	.13286
%RSD	1.4581	32.984	10.404	3.7506	.47615	17.01	.36886	6.6333

#1	.49233	-.01470	.02792	-.06029	.10758	.0378	-1.0355	-1.9576
#2	.50676	-.00836	.03033	-.06488	.10789	.0502	-1.0422	-2.1526
#3	.49792	-.01675	.03427	-.06183	.10858	.0527	-1.0355	-1.8987

Sample Name: LR CHECK 1 Acquired: 4/19/2019 14:59:04 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	1.1176
%RSD	.24569

#1	-456.17
#2	-454.24
#3	-454.23

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2806.2	37560.	4972.2	52.608	2305.2
Stddev	16.9	49.	24.2	.933	15.7
%RSD	.60127	.13042	.48694	1.7734	.68001

#1	2812.2	37616.	4950.0	53.064	2311.7
#2	2819.3	37524.	4968.6	51.535	2316.5
#3	2787.2	37541.	4998.0	53.225	2287.3

Sample Name: LR CHECK 2 Acquired: 4/19/2019 15:04:05 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00057	-.01488	235.83	.02252	-.03333	-.23432	99.751	-.00107
Stddev	.00149	.00314	1.27	.00398	.00086	.00402	.772	.00009
%RSD	259.62	21.112	.53993	17.685	2.5754	1.7174	.77424	8.7742

#1	.00115	-.01830	237.30	.02129	-.03423	-.23063	100.34	-.00112
#2	-.00147	-.01420	235.08	.02697	-.03323	-.23371	100.04	-.00114
#3	-.00140	-.01213	235.11	.01930	-.03252	-.23861	98.877	-.00096

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00694	.20735	-.13063	-.00714	265.33	-.71007	43.871	-.05612
Stddev	.00013	.00794	.00043	.00002	1.56	.00374	.105	.00595
%RSD	1.8999	3.8275	.33164	.22431	.58938	.52728	.23895	10.604

#1	-.00700	.20074	-.13102	-.00715	264.98	-.71035	43.847	-.06114
#2	-.00678	.21616	-.13017	-.00713	263.96	-.70620	43.985	-.05767
#3	-.00702	.20516	-.13070	-.00712	267.03	-.71367	43.780	-.04954

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	50.994	.00857	.94067	-.03336	34.806	1.0334	-.00627	-.00956
Stddev	.102	.00041	.01487	.00060	.205	.0334	.00015	.01293
%RSD	.20033	4.7916	1.5804	1.8006	.58907	3.2355	2.4594	135.19

#1	51.108	.00863	.92968	-.03390	35.040	1.0309	-.00634	-.01639
#2	50.911	.00813	.93474	-.03348	34.717	1.0680	-.00610	-.01766
#3	50.962	.00895	.95758	-.03271	34.660	1.0013	-.00638	.00535

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10449	-.00443	-.00161	.02404	-.00540	-.0713	.00260	5.5030
Stddev	.00275	.00309	.00042	.00176	.00028	.0030	.00006	.2532
%RSD	2.6314	69.830	26.231	7.3345	5.2301	4.275	2.4987	4.6020

#1	.10229	-.00379	-.00117	.02213	-.00571	-.0707	.00257	5.4660
#2	.10361	-.00171	-.00202	.02439	-.00533	-.0686	.00267	5.2702
#3	.10757	-.00780	-.00165	.02560	-.00516	-.0746	.00255	5.7726

Sample Name: LR CHECK 2 Acquired: 4/19/2019 15:04:05 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .66774
%RSD 69.231

#1 -1.5853
#2 -1.0501
#3 -.25809

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4224.2	57909.	6088.9	73.782	4543.5
Stddev	5.5	72.	21.6	.646	9.4
%RSD	.13059	.12445	.35457	.87558	.20641

#1	4218.5	57827.	6066.9	73.048	4533.9
#2	4229.5	57941.	6089.8	74.034	4552.7
#3	4224.7	57960.	6110.0	74.264	4544.0

Sample Name: K2472-01 Acquired: 4/19/2019 15:09:42 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EXCAVATION-N Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08168	.01183	7.9655	.03714	.01086	144.84	1.9892
Stddev	.00320	.00153	.0152	.00057	.00051	.33	.0054
%RSD	3.9119	12.914	.19072	1.5305	4.6705	.22956	.27080

#1	.07957	.01040	7.9566	.03759	.01128	144.68	1.9940
#2	.08011	.01166	7.9569	.03734	.01030	144.61	1.9834
#3	.08535	.01345	7.9831	.03650	.01100	145.22	1.9902

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01364	.01182	244.72	.25218	.11678	1.2074	212.98
Stddev	.00035	.00020	1.01	.00112	.00054	.0013	1.43
%RSD	2.5530	1.6580	.41277	.44557	.45867	.10497	.67370

#1	.01374	.01202	244.52	.25211	.11638	1.2081	211.92
#2	.01392	.01181	245.82	.25334	.11658	1.2060	212.42
#3	.01325	.01163	243.83	.25109	.11739	1.2081	214.62

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.8968	64.609	.29192	-.00862	5.1395	.44989	5.6622
Stddev	.0452	.039	.00170	.00028	.0524	.00084	.0086
%RSD	.76597	.05961	.58086	3.2771	1.0198	.18657	.15255

#1	5.8845	64.572	.29073	-.00872	5.1154	.44997	5.6603
#2	5.8590	64.607	.29117	-.00884	5.1035	.45068	5.6546
#3	5.9468	64.649	.29386	-.00830	5.1996	.44901	5.6716

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.018	.00472	.17592	5.2790	2.7952	.27758	2.5328
Stddev	.025	.00009	.00611	.0364	.0191	.00212	.0022
%RSD	.20533	2.0076	3.4757	.68978	.68481	.76318	.08568

#1	11.999	.00479	.18216	5.2552	2.8041	.27692	2.5311
#2	12.046	.00475	.17567	5.2609	2.8084	.27588	2.5353
#3	12.009	.00461	.16994	5.3209	2.7733	.27995	2.5321

Sample Name: K2472-01 Acquired: 4/19/2019 15:09:42 Type: Unk
 Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: EXCAVATION-N Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.22555	F 10.33	.90424	1.5152	F<.00000
Stddev	.00210	.06	.00669	.1443	3.5197
%RSD	.92918	.5952	.74005	9.5227	7.6645
#1	.22328	10.28	.90451	1.6357	-47.834
#2	.22741	10.32	.91080	1.5546	-48.071
#3	.22596	10.40	.89742	1.3553	-41.860
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4513.1	58751.	6565.2	68.478	4017.9
Stddev	9.8	212.	13.8	.847	7.8
%RSD	.21730	.36123	.21071	1.2363	.19419
#1	4503.0	58635.	6557.1	69.317	4018.0
#2	4522.6	58996.	6557.4	67.624	4025.6
#3	4513.8	58622.	6581.2	68.493	4010.0

Sample Name: K2484-01 Acquired: 4/19/2019 15:14:15 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 72-12000 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07400	.00967	.12043	.02949	.00683	100.22	.22304
Stddev	.00165	.00065	.00060	.00128	.00137	.51	.00131
%RSD	2.2239	6.7624	.49917	4.3485	20.052	.51364	.58513

#1	.07578	.01022	.12004	.03072	.00645	99.754	.22154
#2	.07254	.00984	.12112	.02816	.00835	100.77	.22396
#3	.07368	.00895	.12012	.02960	.00569	100.12	.22360

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01036	-.00171	4.5086	.15832	.08245	.15409	175.24
Stddev	.00007	.00007	.0299	.00063	.00018	.00024	.43
%RSD	.69732	4.1696	.66204	.40033	.22051	.15623	.24727

#1	.01042	-.00172	4.4897	.15780	.08228	.15408	175.42
#2	.01028	-.00178	4.5430	.15813	.08264	.15433	175.55
#3	.01037	-.00164	4.4931	.15902	.08242	.15385	174.74

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5667	26.393	.14318	-.01037	3.8620	.21085	.47322
Stddev	.0087	.125	.00009	.00040	.0361	.00094	.00057
%RSD	.34067	.47326	.06545	3.8698	.93494	.44733	.11951

#1	2.5654	26.249	.14323	-.01042	3.8213	.21049	.47318
#2	2.5586	26.456	.14324	-.01074	3.8744	.21014	.47381
#3	2.5760	26.474	.14307	-.00995	3.8902	.21192	.47268

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.4340	.00062	.12072	.75134	4.0671	.00252	.65803
Stddev	.0537	.00010	.01416	.00436	.0442	.00045	.00356
%RSD	.63673	16.164	11.730	.57984	1.0861	17.890	.54093

#1	8.3723	.00053	.10957	.74913	4.1034	.00207	.65392
#2	8.4594	.00061	.11593	.75636	4.0800	.00251	.66025
#3	8.4702	.00073	.13665	.74853	4.0179	.00298	.65990

Sample Name: K2484-01 Acquired: 4/19/2019 15:14:15 Type: Unk
 Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 72-12000 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.11737	3.743	-.15403	1.2901	F<.00000
Stddev	.00088	.011	.00070	.0863	2.1581
%RSD	.74709	.2831	.45427	6.6919	6.8489
#1	.11827	3.747	-.15421	1.2063	-30.987
#2	.11731	3.751	-.15462	1.2851	-29.661
#3	.11652	3.731	-.15326	1.3788	-33.881
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4810.0	61851.	6686.6	73.840	4422.5
Stddev	7.2	121.	55.9	1.001	6.6
%RSD	.15006	.19639	.83625	1.3552	.14948
#1	4806.3	61712.	6626.7	74.719	4423.3
#2	4805.4	61902.	6695.6	72.751	4415.5
#3	4818.3	61938.	6737.4	74.051	4428.6

Sample Name: K2484-03 Acquired: 4/19/2019 15:18:44 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 200027 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05533	.00658	.15167	.02500	.00528	100.28	.26222
Stddev	.00256	.00048	.00107	.00259	.00101	.10	.00178
%RSD	4.6318	7.2293	.70720	10.376	19.035	.10089	.67895

#1	.05382	.00669	.15046	.02418	.00641	100.35	.26087
#2	.05829	.00700	.15248	.02790	.00448	100.32	.26423
#3	.05389	.00606	.15209	.02291	.00495	100.16	.26154

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00837	-.00047	6.4087	.14157	.08480	.09839	137.97
Stddev	.00010	.00007	.0051	.00056	.00010	.00019	.25
%RSD	1.2446	15.883	.08025	.39624	.11553	.19603	.18298

#1	.00838	-.00038	6.4100	.14159	.08486	.09852	137.80
#2	.00846	-.00051	6.4130	.14100	.08485	.09817	138.26
#3	.00826	-.00052	6.4030	.14212	.08469	.09848	137.86

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.8086	13.780	.08839	-.00780	2.1546	.18652	.44839
Stddev	.0032	.036	.00043	.00052	.0087	.00072	.00073
%RSD	.11405	.26328	.48954	6.6652	.40505	.38650	.16179

#1	2.8050	13.788	.08796	-.00795	2.1446	.18578	.44762
#2	2.8098	13.740	.08838	-.00822	2.1598	.18722	.44906
#3	2.8111	13.811	.08883	-.00722	2.1595	.18658	.44847

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.4311	.00137	.08061	.74667	2.9897	.00297	.57293
Stddev	.0257	.00015	.01723	.00411	.0196	.00014	.00844
%RSD	.47360	10.753	21.375	.55027	.65508	4.5854	1.4724

#1	5.4274	.00135	.06475	.74777	2.9867	.00313	.58164
#2	5.4585	.00124	.07814	.75011	3.0106	.00287	.57233
#3	5.4075	.00153	.09894	.74212	2.9718	.00291	.56480

Sample Name: K2484-03 Acquired: 4/19/2019 15:18:44 Type: Unk
 Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 200027 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.06696	2.944	-.11015	2.3603	F<.00000
Stddev	.00053	.003	.00028	.1597	1.5750
%RSD	.79313	.0926	.25193	6.7665	8.3975
#1	.06757	2.941	-.10997	2.4372	-19.899
#2	.06673	2.946	-.11047	2.4670	-16.959
#3	.06659	2.945	-.11000	2.1767	-19.408
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4753.5	61159.	6592.1	70.674	4464.2
Stddev	15.7	83.	4.3	1.000	4.1
%RSD	.32931	.13637	.06502	1.4157	.09172
#1	4736.1	61229.	6587.2	69.559	4460.1
#2	4757.9	61067.	6594.4	71.493	4464.3
#3	4766.5	61181.	6594.8	70.972	4468.3

Sample Name: K2484-05 Acquired: 4/19/2019 15:23:14 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RT-1873 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05914	.01082	.17726	.02485	.00407	120.76	.32118
Stddev	.00065	.00083	.00199	.00228	.00196	.91	.00280
%RSD	1.1003	7.6849	1.1213	9.1736	48.041	.75732	.87143

#1	.05847	.01152	.17682	.02399	.00185	120.36	.32077
#2	.05918	.00990	.17553	.02314	.00551	121.80	.32417
#3	.05977	.01105	.17943	.02744	.00486	120.11	.31862

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01067	-.00103	204.90	.14017	.09276	.10587	161.63
Stddev	.00013	.00017	.66	.00088	.00036	.00062	.92
%RSD	1.1853	16.640	.32172	.63073	.38303	.58237	.57098

#1	.01055	-.00092	204.23	.13952	.09302	.10545	161.43
#2	.01080	-.00123	204.94	.14118	.09290	.10559	162.64
#3	.01065	-.00094	205.54	.13981	.09236	.10658	160.83

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2624	143.01	.11441	-.01049	2.9444	.21273	.44595
Stddev	.0024	.79	.00053	.00041	.0190	.00134	.00054
%RSD	.10677	.54930	.46185	3.8659	.64422	.63037	.12133

#1	2.2597	142.83	.11382	-.01083	2.9226	.21119	.44655
#2	2.2632	143.86	.11456	-.01059	2.9534	.21362	.44551
#3	2.2644	142.32	.11484	-.01004	2.9571	.21337	.44578

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.2374	.00108	.10288	.61721	2.9120	.00629	.55470
Stddev	.0422	.00027	.01201	.00152	.0258	.00126	.00216
%RSD	.58363	25.393	11.676	.24580	.88514	20.085	.38989

#1	7.2330	.00077	.11487	.61797	2.9268	.00706	.55580
#2	7.2816	.00119	.10292	.61547	2.8822	.00697	.55609
#3	7.1975	.00129	.09084	.61821	2.9269	.00483	.55220

Sample Name: K2484-05 Acquired: 4/19/2019 15:23:14 Type: Unk
 Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RT-1873 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.10407	3.866	-.09516	3.3080	F<.00000
Stddev	.00071	.007	.00110	.1061	3.7190
%RSD	.68042	.1862	1.1546	3.2091	15.922

#1	.10433	3.866	-.09497	3.3459	-27.522
#2	.10461	3.859	-.09634	3.3900	-22.186
#3	.10327	3.874	-.09417	3.1881	-20.366

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4436.7	57594.	6399.2	69.388	4021.5
Stddev	8.8	190.	32.1	.222	6.5
%RSD	.19879	.33048	.50199	.31970	.16110

#1	4426.5	57531.	6383.5	69.133	4014.0
#2	4441.4	57443.	6436.1	69.499	4025.5
#3	4442.1	57808.	6377.9	69.533	4024.9

Sample Name: K1926-03 Acquired: 4/19/2019 15:27:43 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SUMP-MUCK Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08979	-.00171	.30137	.04560	.02038	150.59	2.6369
Stddev	.00180	.00205	.00362	.00210	.00098	.48	.0111
%RSD	2.0077	120.01	1.2025	4.6010	4.8157	.31610	.42088

#1	.09175	.00060	.30510	.04322	.01930	150.82	2.6465
#2	.08941	-.00331	.30113	.04719	.02064	150.91	2.6395
#3	.08821	-.00242	.29787	.04639	.02121	150.04	2.6248

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01888	.00879	1475.3	.39677	.15252	1.3341	279.87
Stddev	.00030	.00005	9.9	.00071	.00072	.0034	.78
%RSD	1.5785	.55877	.67268	.17953	.47081	.25714	.27724

#1	.01905	.00876	1463.8	.39754	.15228	1.3309	279.67
#2	.01906	.00877	1481.2	.39661	.15195	1.3377	280.73
#3	.01854	.00885	1480.9	.39614	.15333	1.3338	279.22

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	37.238	184.61	.30426	-.01449	14.590	.31661	7.0393
Stddev	.112	.05	.00072	.00017	.043	.00170	.0097
%RSD	.29962	.02813	.23503	1.2037	.29138	.53687	.13801

#1	37.275	184.56	.30455	-.01463	14.616	.31845	7.0366
#2	37.326	184.66	.30478	-.01429	14.613	.31510	7.0312
#3	37.112	184.61	.30344	-.01453	14.541	.31627	7.0500

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.064	.02970	.31723	F 29.116	7.9164	.07437	7.0451
Stddev	.019	.00030	.00473	.036	.0270	.00107	.0077
%RSD	.08592	1.0178	1.4921	.12398	.34103	1.4388	.10920

#1	22.046	.02955	.31298	29.118	7.8915	.07316	7.0410
#2	22.084	.03005	.31637	29.078	7.9125	.07520	7.0402
#3	22.061	.02950	.32233	29.150	7.9451	.07475	7.0539

Sample Name: K1926-03 Acquired: 4/19/2019 15:27:43 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SUMP-MUCK Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20659	9.565	4.0693	4.1753	F<.00000
Stddev	.00158	.010	.0057	.1758	1.3310
%RSD	.76367	.1083	.14091	4.2102	3.1803

#1	.20618	9.571	4.0630	4.3776	-43.388
#2	.20525	9.553	4.0742	4.0599	-41.072
#3	.20833	9.570	4.0708	4.0884	-41.093

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3970.5	51568.	6031.9	61.886	3306.9
Stddev	3.7	90.	13.2	.775	7.2
%RSD	.09369	.17390	.21863	1.2522	.21803

#1	3971.0	51476.	6040.6	61.139	3304.3
#2	3973.9	51573.	6038.3	61.833	3315.0
#3	3966.5	51655.	6016.7	62.686	3301.3

Sample Name: K2193-07 Acquired: 4/19/2019 15:32:24 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HR-05-041719 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02166	.00858	.57455	.03568	.00894	135.56	.82768
Stddev	.00199	.00130	.00257	.00066	.00047	.34	.00324
%RSD	9.1859	15.141	.44717	1.8466	5.2455	.25450	.39152

#1	.02338	.00893	.57199	.03625	.00920	135.25	.82642
#2	.02213	.00714	.57454	.03583	.00922	135.93	.83136
#3	.01948	.00966	.57713	.03496	.00840	135.49	.82525

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01468	.00016	71.731	.19938	.11354	.32864	219.06
Stddev	.00007	.00014	.243	.00006	.00019	.00093	1.47
%RSD	.45343	89.196	.33908	.03129	.16418	.28270	.67197

#1	.01461	.00002	71.539	.19944	.11375	.32816	220.15
#2	.01475	.00031	71.649	.19940	.11347	.32805	219.65
#3	.01467	.00015	72.005	.19931	.11340	.32971	217.39

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.3643	46.211	.24991	-.01432	8.5750	.30626	.84573
Stddev	.0181	.095	.00079	.00052	.0348	.00024	.00045
%RSD	.33714	.20538	.31468	3.6063	.40635	.07692	.05351

#1	5.3632	46.162	.24919	-.01402	8.5678	.30609	.84543
#2	5.3829	46.320	.25075	-.01403	8.6128	.30615	.84625
#3	5.3468	46.151	.24978	-.01492	8.5443	.30653	.84551

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.569	.00495	.17334	2.6358	2.5280	.01666	2.1687
Stddev	.077	.00026	.00870	.0116	.0045	.00073	.0049
%RSD	.49584	5.2986	5.0183	.44014	.17596	4.3574	.22419

#1	15.482	.00477	.16801	2.6452	2.5247	.01602	2.1694
#2	15.629	.00484	.16862	2.6228	2.5262	.01651	2.1635
#3	15.597	.00525	.18337	2.6394	2.5330	.01745	2.1731

Sample Name: K2193-07 Acquired: 4/19/2019 15:32:24 Type: Unk
 Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: HR-05-041719 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.21102	5.097	.19729	.94789	F<.00000
Stddev	.00126	.012	.00247	.07002	3.4187
%RSD	.59614	.2359	1.2513	7.3874	5.7904
#1	.21191	5.109	.19488	1.0277	-60.020
#2	.20958	5.085	.19718	.89661	-55.240
#3	.21156	5.097	.19981	.91937	-61.864
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4789.2	61947.	6814.2	71.679	4217.9
Stddev	18.7	67.	21.2	.976	9.4
%RSD	.39064	.10837	.31111	1.3619	.22281
#1	4797.0	61918.	6822.7	72.227	4228.2
#2	4767.9	61899.	6829.8	72.258	4209.9
#3	4802.8	62023.	6790.0	70.552	4215.6

Sample Name: K2193-09 Acquired: 4/19/2019 15:36:58 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HR-05-041719 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02087	.00918	.56876	.03564	.00796	138.83	.80149
Stddev	.00123	.00127	.00485	.00301	.00071	.49	.00503
%RSD	5.8863	13.834	.85248	8.4558	8.9379	.35517	.62708

#1	.01947	.01016	.56706	.03216	.00853	138.37	.79654
#2	.02179	.00964	.56499	.03731	.00716	139.35	.80659
#3	.02134	.00775	.57423	.03745	.00818	138.77	.80134

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01400	.00062	98.072	.18093	.11794	.39369	215.58
Stddev	.00016	.00017	.380	.00087	.00028	.00059	.82
%RSD	1.1451	27.822	.38700	.47928	.23729	.14987	.38261

#1	.01406	.00065	98.086	.18132	.11762	.39335	214.92
#2	.01382	.00044	98.445	.17994	.11803	.39336	216.51
#3	.01412	.00078	97.686	.18154	.11816	.39438	215.32

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.4960	54.061	.23551	-.01428	8.6655	.32738	.80758
Stddev	.0214	.391	.00109	.00037	.0323	.00152	.00127
%RSD	.38974	.72390	.46480	2.5921	.37299	.46406	.15702

#1	5.4754	53.614	.23457	-.01445	8.6324	.32661	.80641
#2	5.5182	54.344	.23671	-.01386	8.6970	.32640	.80893
#3	5.4944	54.225	.23526	-.01454	8.6670	.32913	.80739

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.101	.00389	.16936	5.5419	2.5812	.01790	2.3664
Stddev	.027	.00021	.00501	.0299	.0036	.00081	.0011
%RSD	.19014	5.4159	2.9605	.53977	.14025	4.5073	.04770

#1	14.111	.00389	.16357	5.5575	2.5850	.01700	2.3676
#2	14.122	.00368	.17222	5.5074	2.5778	.01855	2.3654
#3	14.071	.00410	.17229	5.5608	2.5808	.01815	2.3662

Sample Name: K2193-09 Acquired: 4/19/2019 15:36:58 Type: Unk
 Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: HR-05-041719 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19018	5.571	.27570	.95084	F<.00000
Stddev	.00028	.032	.00116	.12759	2.4391
%RSD	.14615	.5709	.41921	13.418	4.2064

#1	.18986	5.571	.27677	.88027	-57.692
#2	.19030	5.539	.27587	.87412	-60.559
#3	.19038	5.603	.27447	1.0981	-55.707

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4769.2	61612.	6842.3	71.488	4149.6
Stddev	8.8	131.	21.8	1.361	3.7
%RSD	.18425	.21308	.31884	1.9036	.08968

#1	4768.5	61711.	6821.9	71.592	4147.8
#2	4760.8	61463.	6839.8	72.794	4147.1
#3	4778.4	61662.	6865.3	70.078	4153.9

Sample Name: K2193-11 Acquired: 4/19/2019 15:41:32 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HR-05-041719 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02957	.00672	1.2319	.03580	.00649	108.52	.75491
Stddev	.00178	.00068	.0161	.00187	.00295	.34	.00219
%RSD	6.0101	10.075	1.3069	5.2278	45.511	.31411	.28976

#1	.02853	.00750	1.2207	.03592	.00990	108.89	.75743
#2	.03162	.00628	1.2247	.03762	.00478	108.22	.75386
#3	.02856	.00638	1.2504	.03388	.00479	108.44	.75344

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01089	.00154	64.405	.15045	.09538	.46310	172.66
Stddev	.00008	.00049	.294	.00024	.00116	.00705	.17
%RSD	.76433	32.098	.45685	.15691	1.2129	1.5228	.09687

#1	.01098	.00122	64.141	.15045	.09483	.45846	172.73
#2	.01087	.00128	64.722	.15021	.09460	.45961	172.78
#3	.01082	.00211	64.353	.15068	.09671	.47121	172.47

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.1753	39.952	.18996	-.00941	7.6548	.30890	.90174
Stddev	.0056	.153	.00202	.00029	.0200	.00069	.01502
%RSD	.13382	.38333	1.0634	3.0697	.26120	.22350	1.6655

#1	4.1780	39.978	.18866	-.00908	7.6766	.30947	.89254
#2	4.1790	40.090	.18895	-.00961	7.6505	.30813	.89360
#3	4.1689	39.787	.19229	-.00954	7.6373	.30910	.91907

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.168	.00524	.15525	4.6726	1.5934	.02072	2.0720
Stddev	.050	.00006	.02515	.0866	.0101	.00096	.0091
%RSD	.49580	1.0619	16.202	1.8537	.63297	4.6210	.43919

#1	10.198	.00518	.16758	4.6344	1.5819	.01962	2.0671
#2	10.110	.00529	.17185	4.6116	1.6002	.02121	2.0825
#3	10.197	.00525	.12631	4.7717	1.5983	.02134	2.0665

Sample Name: K2193-11 Acquired: 4/19/2019 15:41:32 Type: Unk
 Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: HR-05-041719 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.13322	5.994	.18484	1.8593	F<.00000
Stddev	.00050	.104	.00082	.1852	1.6367
%RSD	.37486	1.734	.44631	9.9617	4.2583
#1	.13264	5.951	.18426	2.0350	-39.206
#2	.13352	5.919	.18578	1.8771	-36.555
#3	.13350	6.113	.18447	1.6659	-39.543
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4852.2	62655.	6856.0	73.256	4284.6
Stddev	23.5	91.	33.4	.700	27.3
%RSD	.48420	.14465	.48677	.95530	.63689
#1	4853.6	62560.	6878.8	73.830	4277.5
#2	4875.1	62664.	6817.7	72.476	4314.8
#3	4828.1	62740.	6871.5	73.461	4261.6

Sample Name: CCV04 Acquired: 4/19/2019 15:45:58 Type: Unk
Method: P4-ICP2(v3058) 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	5.1750	5.1850	4.9747	5.3321	5.1440	9.9093	10.630
Stddev	.0050	.0199	.0039	.0219	.0104	.0220	.027
%RSD	.09563	.38422	.07783	.41075	.20214	.22181	.25740

#1	5.1707	5.1777	4.9771	5.3549	5.1560	9.9326	10.661
#2	5.1804	5.2076	4.9703	5.3302	5.1385	9.9063	10.608
#3	5.1739	5.1698	4.9768	5.3113	5.1374	9.8889	10.622

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25715	2.4786	25.264	.99365	2.5186	1.2695	5.0566
Stddev	.00022	.0022	.056	.00052	.0040	.0022	.0029
%RSD	.08606	.08915	.22093	.05224	.15755	.17573	.05689

#1	.25705	2.4777	25.233	.99375	2.5207	1.2700	5.0546
#2	.25740	2.4811	25.329	.99309	2.5211	1.2713	5.0552
#3	.25699	2.4769	25.231	.99412	2.5140	1.2670	5.0599

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5765	25.304	2.4982	1.2741	25.970	2.5490	2.5198
Stddev	.0030	.146	.0017	.0021	.060	.0024	.0036
%RSD	.11558	.57876	.06627	.16233	.22957	.09370	.14231

#1	2.5796	25.240	2.4967	1.2721	26.038	2.5466	2.5219
#2	2.5762	25.471	2.5000	1.2740	25.926	2.5514	2.5220
#3	2.5737	25.200	2.4978	1.2762	25.946	2.5491	2.5157

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.707	5.0638	5.3252	5.2768	4.7897	5.0334	5.0636
Stddev	.100	.0069	.0127	.0177	.0114	.0084	.0056
%RSD	.40448	.13664	.23943	.33554	.23869	.16601	.10988

#1	24.812	5.0613	5.3114	5.2904	4.7789	5.0344	5.0663
#2	24.696	5.0717	5.3365	5.2831	4.7885	5.0412	5.0672
#3	24.613	5.0585	5.3278	5.2567	4.8016	5.0246	5.0572

Sample Name: CCV04 Acquired: 4/19/2019 15:45:58 Type: Unk
 Method: P4-ICP2(v3058) 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	4.7886	5.296	5.1159	F 6.5402	F<.00000
Stddev	.0295	.017	.0176	.1479	1.9215
%RSD	.61648	.3112	.34475	2.2617	111.28

#1	4.8221	5.305	5.1359	6.5085	.29848
#2	4.7665	5.307	5.1092	6.7014	-3.5242
#3	4.7771	5.277	5.1025	6.4106	-1.9545

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4310.2	55253.	5955.9	72.831	4378.1
Stddev	10.6	217.	23.0	.649	9.9
%RSD	.24569	.39268	.38675	.89078	.22504

#1	4305.6	55064.	5931.7	72.755	4374.8
#2	4302.7	55206.	5958.5	72.223	4370.4
#3	4322.3	55490.	5977.6	73.514	4389.2

Sample Name: CCB04 Acquired: 4/19/2019 15:49:56 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA8144 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00024	-.00044	.00026	-.00135	.00029	-.00924	.00153
Stddev	.00279	.00169	.00121	.00116	.00013	.00377	.00042
%RSD	1148.3	381.59	462.74	85.803	45.527	40.810	27.780

#1	-.00177	-.00235	.00157	-.00003	.00016	-.00492	.00162
#2	-.00093	.00016	-.00080	-.00182	.00043	-.01088	.00107
#3	.00343	.00087	.00001	-.00220	.00028	-.01191	.00190

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	-.00008	.00845	.00010	.00012	-.00006	.00303
Stddev	.00006	.00003	.00483	.00031	.00017	.00037	.00064
%RSD	85.351	38.195	57.208	329.41	145.86	640.55	20.990

#1	-.00003	-.00008	.00388	.00045	-.00002	.00005	.00241
#2	-.00004	-.00005	.01351	-.00002	.00006	-.00046	.00299
#3	-.00014	-.00012	.00796	-.00015	.00031	.00024	.00368

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00023	-.02017	.00038	-.00075	.32234	-.00021	-.00007
Stddev	.00002	.02569	.00052	.00014	.02898	.00014	.00007
%RSD	9.9379	127.35	136.21	19.143	8.9891	66.615	102.76

#1	.00020	-.04977	.00005	-.00064	.28904	-.00006	.00001
#2	.00023	-.00369	.00099	-.00070	.34178	-.00033	-.00009
#3	.00024	-.00706	.00012	-.00091	.33621	-.00023	-.00012

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18371	.00023	-.00219	F .01196	.00128	-.00173	.00203
Stddev	.01594	.00021	.01488	.00420	.00040	.00016	.00056
%RSD	8.6764	91.518	678.27	35.129	31.313	9.1193	27.376

#1	.20127	.00047	-.00889	.01672	.00153	-.00156	.00160
#2	.17016	.00017	-.01255	.01040	.00082	-.00178	.00184
#3	.17969	.00006	.01486	.00876	.00150	-.00186	.00266

Sample Name: CCB04 Acquired: 4/19/2019 15:49:56 Type: Unk
 Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA8144 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00409	-0.0012	.00010	F 5.3091	F<.00000
Stddev	.00081	.0005	.00002	.0886	.97103
%RSD	19.829	39.32	22.843	1.6694	50.314

#1	-0.00360	-0.0013	.00012	5.3820	-2.9699
#2	-0.00503	-0.0007	.00008	5.2104	-1.7730
#3	-0.00364	-0.0016	.00012	5.3349	-1.0469

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4463.8	57117.	5903.7	72.130	4897.2
Stddev	12.6	117.	34.4	1.416	12.4
%RSD	.28130	.20509	.58258	1.9632	.25348

#1	4452.2	57033.	5894.6	70.950	4883.1
#2	4462.1	57251.	5941.8	73.700	4902.3
#3	4477.1	57067.	5874.8	71.739	4906.3

Sample Name: PB119040BL Acquired: 4/19/2019 15:54:23 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB119040BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00161	-.00109	-.00021	-.00303	-.00031	-.01135	.00099
Stddev	.00242	.00065	.00097	.00156	.00111	.00648	.00018
%RSD	150.12	60.081	451.66	51.424	356.84	57.087	18.052

#1	.00083	-.00136	-.00076	-.00261	.00095	-.00534	.00107
#2	-.00032	-.00156	.00091	-.00172	-.00117	-.01821	.00110
#3	.00432	-.00034	-.00079	-.00475	-.00071	-.01049	.00078

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.00004	.00352	.00026	.00009	-.00025	.00119
Stddev	.00002	.00006	.01274	.00015	.00006	.00040	.00064
%RSD	64.477	175.15	361.44	56.354	62.858	158.87	53.427

#1	-.00001	-.00011	.01323	.00013	.00014	-.00008	.00179
#2	-.00004	.00001	.00824	.00022	.00003	-.00070	.00126
#3	-.00004	-.00001	-.01090	.00042	.00010	.00003	.00052

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	.00225	.00036	-.00073	.24223	-.00007	-.00028
Stddev	.00005	.01979	.00046	.00045	.01915	.00016	.00002
%RSD	67.850	879.36	127.34	61.046	7.9077	218.05	7.3292

#1	.00012	.02119	-.00013	-.00022	.22064	-.00006	-.00027
#2	.00003	-.01829	.00078	-.00093	.24887	-.00023	-.00030
#3	.00005	.00386	.00042	-.00105	.25718	.00008	-.00026

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08976	.00005	.00439	F .00819	-.00107	-.00221	.00090
Stddev	.00484	.00015	.00143	.00138	.00149	.00048	.00079
%RSD	5.3945	283.18	32.567	16.809	138.79	21.651	87.751

#1	.08962	.00013	.00604	.00825	-.00037	-.00166	.00165
#2	.08498	.00014	.00358	.00679	-.00007	-.00245	.00095
#3	.09466	-.00012	.00355	.00954	-.00278	-.00252	.00008

Sample Name: PB119040BL Acquired: 4/19/2019 15:54:23 Type: Unk
 Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB119040BL Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00393	-.0008	.00006	F 5.6028	F<.00000
Stddev	.00125	.0002	.00002	.1347	.48709
%RSD	31.825	26.31	30.547	2.4035	33.032

#1	-.00427	-.0009	.00004	5.5537	-1.9990
#2	-.00497	-.0009	.00008	5.7552	-1.3886
#3	-.00254	-.0006	.00005	5.4996	-1.0363

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4452.1	56944.	5912.0	74.686	4888.0
Stddev	9.4	140.	61.2	1.172	12.5
%RSD	.21073	.24640	1.0359	1.5693	.25574

#1	4444.8	56793.	5841.7	75.750	4877.7
#2	4448.7	56969.	5939.9	74.877	4884.5
#3	4462.7	57070.	5954.2	73.430	4901.9

Sample Name: PB119040BS Acquired: 4/19/2019 15:58:51 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB119040BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.79172	2.0910	.98772	2.1157	.81091	1.9566	.21375
Stddev	.00283	.0027	.00161	.0076	.00310	.0167	.00079
%RSD	.35743	.12703	.16302	.35870	.38233	.85176	.36832
#1	.79428	2.0909	.98713	2.1148	.81356	1.9744	.21361
#2	.78868	2.0884	.98649	2.1086	.81167	1.9538	.21304
#3	.79220	2.0937	.98954	2.1237	.80750	1.9415	.21460
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20560	.19320	1.0517	.40817	.20204	.32212	3.1568
Stddev	.00061	.00024	.0061	.00161	.00055	.00048	.0037
%RSD	.29451	.12428	.57945	.39451	.27443	.15017	.11646
#1	.20527	.19303	1.0451	.40670	.20268	.32263	3.1562
#2	.20630	.19310	1.0529	.40989	.20174	.32166	3.1534
#3	.20522	.19347	1.0571	.40792	.20171	.32208	3.1607
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21498	2.0729	.49974	.07366	3.2953	.31082	.20045
Stddev	.00067	.0675	.00145	.00022	.0160	.00087	.00041
%RSD	.31059	3.2569	.29072	.29202	.48650	.27946	.20390
#1	.21425	2.0017	.49991	.07360	3.2803	.30990	.20053
#2	.21515	2.0808	.49821	.07348	3.2934	.31162	.20001
#3	.21555	2.1360	.50109	.07390	3.3122	.31094	.20082
Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.8878	.41350	.31280	F .00190	.88883	.70199	.20688
Stddev	.0579	.00042	.00642	.00041	.00639	.00251	.00456
%RSD	.58552	.10059	2.0525	21.750	.71858	.35735	2.2044
#1	9.9043	.41335	.31085	.00195	.89350	.70442	.20383
#2	9.8235	.41318	.30758	.00146	.89143	.69941	.21212
#3	9.9357	.41397	.31997	.00228	.88155	.70212	.20469

Sample Name: PB119040BS Acquired: 4/19/2019 15:58:51 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB119040BS Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.18793	5.727	.20312	F 5.7232	F<.00000
Stddev	.00170	.015	.00003	.0935	1.3296
%RSD	.90318	.2624	.01489	1.6338	21.173

#1	.18786	5.744	.20315	5.6160	-7.4950
#2	.18967	5.715	.20309	5.7654	-4.8596
#3	.18627	5.723	.20312	5.7882	-6.4842

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4421.7	56563.	5918.7	73.032	4747.8
Stddev	12.1	188.	43.5	1.907	11.6
%RSD	.27357	.33215	.73539	2.6108	.24403

#1	4408.0	56383.	5884.9	71.570	4736.6
#2	4430.9	56548.	5903.5	72.336	4759.7
#3	4426.2	56758.	5967.8	75.189	4747.2

Sample Name: PB119015BL Acquired: 4/19/2019 16:02:56 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB119041BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00047	-.00017	.00002	-.00050	.00044	-.01838	.00094
Stddev	.00156	.00046	.00016	.00103	.00065	.00423	.00014
%RSD	332.43	266.59	720.09	204.16	146.93	23.037	14.955

#1	-.00133	-.00066	.00009	-.00017	.00011	-.01454	.00088
#2	.00134	.00026	-.00016	-.00165	.00119	-.01767	.00110
#3	.00140	-.00012	.00014	.00032	.00003	-.02292	.00084

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.00003	-.00055	.00020	.00013	.00002	.00058
Stddev	.00008	.00006	.00937	.00010	.00013	.00047	.00019
%RSD	692.66	189.57	1695.0	50.205	107.50	1943.0	31.853

#1	-.00008	-.00011	.00868	.00011	.00021	.00027	.00057
#2	.00008	.00001	-.00029	.00030	.00019	.00032	.00078
#3	-.00003	-.00000	-.01005	.00018	-.00003	-.00052	.00040

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.00929	.00037	-.00093	.16707	-.00033	-.00031
Stddev	.00002	.02516	.00011	.00039	.01249	.00036	.00008
%RSD	36.709	270.90	28.521	42.329	7.4757	108.06	27.268

#1	.00004	-.00278	.00029	-.00050	.16214	.00001	-.00040
#2	.00005	-.00756	.00049	-.00102	.18127	-.00070	-.00028
#3	.00008	.03821	.00033	-.00127	.15780	-.00030	-.00025

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02375	.00018	.00335	.00396	-.00033	-.00237	.00022
Stddev	.03890	.00007	.01332	.00226	.00211	.00010	.00073
%RSD	163.78	40.921	397.52	57.000	636.63	4.0943	330.51

#1	.03836	.00019	.01104	.00252	.00200	-.00226	.00102
#2	-.02034	.00010	-.01203	.00657	-.00087	-.00243	-.00043
#3	.05325	.00025	.01104	.00281	-.00211	-.00242	.00008

Sample Name: PB119015BL Acquired: 4/19/2019 16:02:56 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB119041BL Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00430	-.0005	.00007	F 6.3170	F<.00000
Stddev	.00136	.0005	.00000	.2006	.67184
%RSD	31.619	101.2	6.0786	3.1753	51.758

#1	-.00304	-.0009	.00008	6.4080	-2.0737
#2	-.00574	.0001	.00007	6.0870	-.92300
#3	-.00412	-.0007	.00007	6.4559	-.89745

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4432.6	57287.	5964.2	74.075	4875.8
Stddev	15.9	326.	15.9	2.454	12.2
%RSD	.35759	.56832	.26722	3.3126	.24969

#1	4416.0	57100.	5953.7	75.618	4865.7
#2	4434.3	57098.	5982.5	75.361	4872.5
#3	4447.6	57663.	5956.3	71.245	4889.3

Sample Name: PB119015BS Acquired: 4/19/2019 16:07:24 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB119041BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.74894	1.9485	.93332	1.9472	.75930	1.8507	.20420
Stddev	.00556	.0029	.00018	.0133	.00262	.0180	.00048
%RSD	.74184	.15015	.01899	.68444	.34507	.97219	.23548

#1	.75248	1.9502	.93314	1.9494	.75953	1.8342	.20443
#2	.75180	1.9501	.93332	1.9593	.76180	1.8479	.20365
#3	.74253	1.9451	.93350	1.9330	.75657	1.8699	.20453

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18775	.18056	1.0068	.39461	.19438	.30342	3.0245
Stddev	.00040	.00048	.0014	.00119	.00013	.00074	.0057
%RSD	.21251	.26763	.14334	.30130	.06880	.24286	.18907

#1	.18744	.18088	1.0067	.39416	.19448	.30409	3.0251
#2	.18760	.18001	1.0083	.39372	.19423	.30353	3.0185
#3	.18820	.18080	1.0055	.39596	.19444	.30263	3.0299

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20793	1.9570	.47551	.06781	3.0630	.30385	.18664
Stddev	.00041	.0114	.00043	.00067	.0152	.00148	.00021
%RSD	.19736	.58463	.09037	.98208	.49529	.48707	.11346

#1	.20750	1.9563	.47564	.06739	3.0674	.30462	.18688
#2	.20796	1.9688	.47503	.06747	3.0461	.30214	.18650
#3	.20832	1.9460	.47587	.06858	3.0754	.30479	.18653

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.2709	.40290	.29676	F .00432	.83993	.64978	.19895
Stddev	.0085	.00146	.00841	.00200	.00162	.00137	.00179
%RSD	.09139	.36244	2.8341	46.398	.19330	.21144	.90003

#1	9.2785	.40393	.28881	.00228	.83916	.64836	.19727
#2	9.2725	.40354	.30556	.00439	.84180	.64987	.19876
#3	9.2618	.40122	.29590	.00629	.83883	.65111	.20083

Sample Name: PB119015BS Acquired: 4/19/2019 16:07:24 Type: Unk
 Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB119041BS Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.18316	5.301	.19749	F 6.1341	F<.00000
Stddev	.00068	.021	.00043	.0049	1.2933
%RSD	.37204	.3941	.21715	.08044	17.822
#1	.18359	5.319	.19734	6.1297	-8.4342
#2	.18238	5.307	.19798	6.1331	-7.4636
#3	.18352	5.278	.19716	6.1394	-5.8726
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4351.9	57228.	5865.3	71.155	4717.0
Stddev	18.5	308.	16.9	1.149	12.9
%RSD	.42407	.53747	.28880	1.6148	.27429
#1	4334.9	56913.	5846.4	70.275	4702.9
#2	4349.3	57528.	5870.5	70.734	4719.6
#3	4371.5	57242.	5879.0	72.455	4728.4

Sample Name: PB119015TB Acquired: 4/19/2019 16:11:29 Type: Unk
Method: P4-ICP2(v3058) 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	-.00321	-.00242	.00069	.00139	-.00040	-.00799	.00112	-.00009
Stddev	.00264	.00029	.00035	.00436	.00052	.00464	.00047	.00004
%RSD	82.253	11.885	51.063	312.84	129.19	58.026	41.478	40.426
#1	-.00608	-.00218	.00092	-.00352	-.00080	-.01016	.00089	-.00013
#2	-.00088	-.00234	.00085	.00293	.00019	-.01114	.00082	-.00006
#3	-.00267	-.00274	.00028	.00478	-.00060	-.00267	.00166	-.00009
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	.00703	.00053	-.00011	.00006	.00561	.00017	-.02363
Stddev	.00007	.02190	.00017	.00024	.00017	.00084	.00011	.01513
%RSD	75.735	311.49	32.504	222.79	305.61	15.025	67.864	64.031
#1	-.00017	.02205	.00065	.00016	.00013	.00596	.00029	-.00678
#2	-.00005	.01715	.00062	-.00028	.00017	.00623	.00015	-.03605
#3	-.00006	-.01810	.00033	-.00020	-.00014	.00465	.00006	-.02806
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00120	.00055	F 231.45	-.00017	.00190	.08478	.00024	-.00259
Stddev	.00026	.00044	2.83	.00033	.00008	.03682	.00009	.00703
%RSD	21.304	79.821	1.2230	199.79	4.0481	43.428	38.000	271.21
#1	.00148	.00012	228.66	-.00016	.00187	.05584	.00032	.00335
#2	.00099	.00053	231.35	.00017	.00198	.07228	.00024	-.01035
#3	.00113	.00101	234.32	-.00050	.00184	.12623	.00014	-.00077
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01101	.00671	-.00134	.00059	-.00335	-.0026	.00005	7.4620
Stddev	.00309	.00186	.00058	.00027	.00112	.0004	.00002	.0925
%RSD	28.076	27.737	43.233	46.299	33.459	16.97	39.126	1.2401
#1	.01385	.00847	-.00148	.00039	-.00413	-.0024	.00004	7.3839
#2	.01145	.00690	-.00071	.00090	-.00385	-.0023	.00007	7.5642
#3	.00772	.00476	-.00185	.00049	-.00206	-.0031	.00003	7.4380

Sample Name: PB119015TB Acquired: 4/19/2019 16:11:29 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 3.8790
Stddev .7736
%RSD 19.943

#1 4.6976
#2 3.7794
#3 3.1601

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4128.7	53683.	5873.8	72.345	4253.5
Stddev	5.1	65.	36.2	.215	9.3
%RSD	.12317	.12093	.61634	.29775	.21909

#1	4128.3	53711.	5832.0	72.202	4248.1
#2	4123.8	53608.	5894.7	72.241	4248.2
#3	4134.0	53729.	5894.7	72.593	4264.3

Sample Name: PB119016BL Acquired: 4/19/2019 16:16:06 Type: Unk
Method: P4-ICP2(v3058) 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	-.00137	.00023	-.00099	.00030	-.00963	.00122
Stddev	.00207	.00052	.00024	.00125	.00073	.01205	.00073
%RSD	2648.6	38.057	104.68	126.11	244.81	125.20	59.871

#1	-.00227	-.00127	-.00004	-.00021	.00060	-.00633	.00193
#2	.00166	-.00194	.00030	-.00033	-.00054	-.02298	.00047
#3	.00084	-.00091	.00042	-.00244	.00083	.00043	.00125

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	-.00001	.00390	.00047	.00018	-.00026	.00069
Stddev	.00008	.00001	.00489	.00017	.00014	.00026	.00034
%RSD	174.90	118.43	125.24	35.354	80.085	101.54	48.835

#1	-.00013	.00000	.00831	.00044	.00035	-.00034	.00030
#2	-.00005	-.00001	.00475	.00065	.00008	-.00047	.00085
#3	.00004	-.00001	-.00135	.00032	.00012	.00003	.00091

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.02539	.00028	-.00026	.19138	-.00031	-.00035
Stddev	.00005	.02007	.00017	.00054	.01472	.00017	.00009
%RSD	561.66	79.046	60.560	208.94	7.6915	53.979	25.921

#1	.00005	-.01212	.00021	-.00029	.17853	-.00012	-.00026
#2	-.00004	-.04848	.00015	.00030	.20744	-.00038	-.00035
#3	.00001	-.01557	.00047	-.00077	.18816	-.00044	-.00045

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05818	.00005	-.00506	.00439	-.00026	-.00256	-.00035
Stddev	.02401	.00024	.01229	.00422	.00095	.00038	.00062
%RSD	41.267	432.80	242.88	96.143	366.84	14.975	176.39

#1	.08340	.00022	-.00152	.00398	.00070	-.00221	-.00003
#2	.03560	.00016	.00507	.00039	-.00119	-.00297	.00004
#3	.05554	-.00022	-.01873	.00880	-.00028	-.00252	-.00107

Sample Name: PB119016BL Acquired: 4/19/2019 16:16:06 Type: Unk
Method: P4-ICP2(v3058) 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	-.00504	-.0010	.00005	F 5.7309	F<.00000
Stddev	.00083	.0003	.00008	.1931	.54254
%RSD	16.382	30.51	161.83	3.3689	72.224

#1	-.00465	-.0012	.00001	5.5218	-1.1394
#2	-.00598	-.0007	-.00000	5.7685	-.13127
#3	-.00447	-.0009	.00013	5.9024	-.98287

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4416.7	57353.	5956.3	73.052	4865.6
Stddev	16.7	53.	48.4	1.325	14.2
%RSD	.37763	.09202	.81316	1.8132	.29087

#1	4398.7	57412.	5915.7	72.545	4851.7
#2	4419.8	57336.	6009.9	74.555	4865.0
#3	4431.6	57311.	5943.3	72.055	4880.0

Sample Name: PB119016BS Acquired: 4/19/2019 16:20:34 Type: Unk
Method: P4-ICP2(v3058) 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	.78946	2.0355	.97931	2.0502	.79763	1.9725	.21728
Stddev	.00289	.0065	.00049	.0041	.00088	.0153	.00097
%RSD	.36585	.31904	.04971	.19857	.11041	.77401	.44443

#1	.78780	2.0290	.97897	2.0549	.79662	1.9801	.21722
#2	.78777	2.0419	.97986	2.0479	.79805	1.9549	.21828
#3	.79279	2.0355	.97908	2.0478	.79823	1.9824	.21635

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19908	.18926	1.0747	.41608	.20414	.31901	3.1944
Stddev	.00055	.00043	.0076	.00228	.00046	.00073	.0079
%RSD	.27623	.22754	.71199	.54713	.22499	.22746	.24596

#1	.19910	.18898	1.0673	.41614	.20368	.31920	3.1908
#2	.19962	.18975	1.0826	.41832	.20460	.31962	3.2034
#3	.19852	.18904	1.0741	.41377	.20413	.31820	3.1889

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21976	2.0737	.49655	.07152	3.2645	.31951	.19346
Stddev	.00043	.0275	.00084	.00039	.0058	.00136	.00052
%RSD	.19761	1.3266	.16901	.54371	.17647	.42535	.26779

#1	.22014	2.0431	.49566	.07113	3.2644	.32085	.19378
#2	.21983	2.0965	.49732	.07191	3.2704	.31956	.19374
#3	.21929	2.0815	.49666	.07151	3.2589	.31813	.19286

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.8626	.42432	.31814	F -.00096	.86977	.68009	.21063
Stddev	.0495	.00014	.00789	.00416	.00649	.00106	.00150
%RSD	.50174	.03289	2.4793	433.05	.74632	.15545	.71444

#1	9.9106	.42428	.30957	-.00397	.86472	.67916	.21212
#2	9.8656	.42447	.32509	.00378	.86749	.68124	.20911
#3	9.8118	.42420	.31975	-.00269	.87709	.67986	.21064

Sample Name: PB119016BS Acquired: 4/19/2019 16:20:34 Type: Unk
Method: P4-ICP2(v3058) 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	.19343	5.554	.20854	F 6.0408	F<.00000
Stddev	.00246	.015	.00061	.0694	.34699
%RSD	1.2731	.2608	.29021	1.1487	4.5600

#1	.19616	5.560	.20923	6.0437	-7.7725
#2	.19137	5.565	.20829	6.1088	-7.8450
#3	.19276	5.538	.20809	5.9701	-7.2110

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4386.7	57307.	5925.2	72.782	4773.9
Stddev	15.6	224.	19.6	1.627	10.9
%RSD	.35630	.39030	.33126	2.2359	.22839

#1	4368.6	57174.	5908.0	72.350	4762.5
#2	4394.8	57182.	5946.6	74.582	4775.1
#3	4396.5	57566.	5921.0	71.414	4784.2

Sample Name: PB119016TB Acquired: 4/19/2019 16:24:41 Type: Unk
Method: P4-ICP2(v3058) 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	-.00269	-.00152	.00043	.00003	.00047	-.00964	.00249	-.00012
Stddev	.00196	.00099	.00038	.00130	.00062	.01313	.00028	.00005
%RSD	72.987	65.283	86.811	4219.3	132.39	136.20	11.127	41.745
#1	-.00492	-.00080	.00011	.00146	.00039	-.02055	.00218	-.00007
#2	-.00194	-.00111	.00034	-.00030	.00112	.00493	.00256	-.00014
#3	-.00121	-.00265	.00085	-.00107	-.00011	-.01330	.00272	-.00016
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	.01347	.00080	-.00024	-.00002	F .06402	.00039	.03447
Stddev	.00003	.01086	.00016	.00013	.00039	.00059	.00006	.01062
%RSD	39.861	80.610	20.271	54.402	1970.3	.91537	14.284	30.798
#1	-.00009	.01568	.00065	-.00025	.00004	.06470	.00039	.03260
#2	-.00009	.02305	.00097	-.00010	-.00044	.06365	.00033	.04590
#3	-.00004	.00168	.00080	-.00036	.00034	.06371	.00044	.02491
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00216	.00067	F 344.68	-.00006	.00212	.11582	.00025	-.00058
Stddev	.00047	.00055	1.61	.00006	.00001	.02188	.00024	.00762
%RSD	21.571	82.446	.46636	116.55	.29063	18.887	97.373	1303.2
#1	.00230	.00126	346.51	-.00013	.00211	.11904	.00051	.00027
#2	.00164	.00055	343.49	-.00002	.00212	.09252	.00005	-.00860
#3	.00254	.00018	344.04	-.00002	.00212	.13591	.00018	.00657
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00877	.00692	-.00195	-.00008	-.00486	-.0021	.00003	7.3868
Stddev	.00168	.00026	.00019	.00128	.00082	.0017	.00004	.1708
%RSD	19.142	3.7716	9.8125	1604.1	16.809	79.35	133.54	2.3120
#1	.00701	.00707	-.00213	-.00141	-.00401	-.0006	.00003	7.2006
#2	.00895	.00662	-.00175	.00004	-.00564	-.0039	-.00001	7.5362
#3	.01035	.00708	-.00196	.00113	-.00493	-.0020	.00007	7.4235

Sample Name: PB119016TB Acquired: 4/19/2019 16:24:41 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	4.7529
Stddev	1.4047
%RSD	29.554

#1	5.3201
#2	5.7853
#3	3.1533

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4117.6	53443.	5928.3	71.407	4204.6
Stddev	10.3	210.	45.0	2.476	11.3
%RSD	.24898	.39230	.75883	3.4672	.26818

#1	4105.8	53288.	5879.5	68.623	4191.6
#2	4123.4	53359.	5937.2	73.361	4211.8
#3	4123.7	53681.	5968.1	72.236	4210.4

Sample Name: PB119028BL Acquired: 4/19/2019 16:29:18 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14862 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00104	-.00146	.00003	-.00142	-.00036	-.01325	.00110
Stddev	.00056	.00102	.00076	.00186	.00074	.00319	.00024
%RSD	54.309	70.155	2235.2	130.53	209.49	24.120	21.954

#1	-.00081	-.00264	-.00083	.00030	.00044	-.01106	.00104
#2	-.00168	-.00085	.00034	-.00118	-.00103	-.01176	.00136
#3	-.00062	-.00088	.00059	-.00339	-.00047	-.01691	.00089

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.00000	.00610	.00021	.00007	-.00040	.00048
Stddev	.00005	.00003	.00945	.00015	.00005	.00011	.00070
%RSD	914.71	871.29	154.91	73.056	64.702	27.440	147.86

#1	-.00001	-.00002	.00836	.00036	.00012	-.00028	-.00010
#2	-.00005	-.00001	.01421	.00005	.00007	-.00042	.00126
#3	.00005	.00004	-.00427	.00022	.00003	-.00050	.00026

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.01061	.00068	-.00034	.19873	-.00020	-.00032
Stddev	.00003	.06123	.00027	.00022	.00661	.00035	.00010
%RSD	204.93	577.18	40.342	64.293	3.3241	179.10	30.147

#1	-.00002	-.03294	.00090	-.00018	.19200	.00018	-.00028
#2	.00005	-.01586	.00037	-.00058	.20520	-.00024	-.00025
#3	.00002	.08062	.00076	-.00025	.19900	-.00053	-.00044

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06110	-.00003	-.00553	.00327	-.00106	-.00214	-.00013
Stddev	.01280	.00038	.00463	.00384	.00017	.00062	.00102
%RSD	20.957	1339.7	83.753	117.12	16.046	28.923	753.91

#1	.06293	.00021	-.00828	.00269	-.00117	-.00256	.00104
#2	.07290	-.00047	-.00812	-.00023	-.00115	-.00244	-.00080
#3	.04748	.00017	-.00018	.00737	-.00086	-.00143	-.00064

Sample Name: PB119028BL Acquired: 4/19/2019 16:29:18 Type: Unk
 Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV14862 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00418	-0.0013	-0.00000	F 5.3947	F<.00000
Stddev	.00044	.0014	.00001	.1837	1.1886
%RSD	10.559	104.4	328.81	3.4056	58.575

#1	-0.00417	-0.0012	-0.00001	5.4485	-1.9733
#2	-0.00462	.0000	-0.00001	5.5455	-3.2447
#3	-0.00374	-0.0027	.00001	5.1901	-.86950

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4510.4	58346.	6093.7	75.393	4963.0
Stddev	3.2	183.	10.4	1.271	5.6
%RSD	.07168	.31290	.17129	1.6860	.11270

#1	4508.3	58238.	6094.3	75.157	4956.6
#2	4514.1	58242.	6083.0	76.766	4965.6
#3	4508.7	58556.	6103.9	74.257	4966.9

Sample Name: PB119028BS Acquired: 4/19/2019 16:33:47 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14862 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.76875	1.9788	.95446	1.9843	.77183	1.9041	.20985
Stddev	.00208	.0025	.00135	.0049	.00491	.0077	.00139
%RSD	.27010	.12607	.14164	.24586	.63669	.40331	.66453

#1	.76877	1.9784	.95473	1.9821	.77657	1.9003	.20943
#2	.76666	1.9815	.95566	1.9899	.76676	1.9129	.21140
#3	.77081	1.9766	.95299	1.9810	.77215	1.8990	.20871

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19206	.18463	1.0605	.40166	.19947	.30978	3.0929
Stddev	.00052	.00023	.0111	.00071	.00013	.00037	.0098
%RSD	.26894	.12430	1.0468	.17793	.06393	.11843	.31648

#1	.19167	.18439	1.0483	.40156	.19932	.30969	3.0821
#2	.19265	.18485	1.0701	.40242	.19953	.30947	3.1011
#3	.19188	.18465	1.0632	.40100	.19955	.31019	3.0955

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21238	2.0178	.48273	.06955	3.1334	.30834	.19647
Stddev	.00034	.0754	.00064	.00069	.0274	.00031	.00031
%RSD	.16025	3.7372	.13162	.98711	.87614	.10020	.15768

#1	.21210	2.0850	.48268	.06876	3.1081	.30819	.19629
#2	.21276	1.9363	.48338	.06999	3.1626	.30870	.19683
#3	.21228	2.0322	.48212	.06991	3.1295	.30814	.19629

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.5260	.41228	.30821	F .00482	.83316	.66271	.20250
Stddev	.0766	.00157	.02327	.00094	.00901	.00176	.00098
%RSD	.80445	.37993	7.5504	19.510	1.0814	.26508	.48618

#1	9.4962	.41347	.29174	.00377	.83360	.66076	.20267
#2	9.6130	.41051	.29807	.00508	.82393	.66417	.20144
#3	9.4687	.41287	.33483	.00560	.84194	.66319	.20338

Sample Name: PB119028BS Acquired: 4/19/2019 16:33:47 Type: Unk
 Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14862 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.18415	5.383	.20126	F 5.9275	F<.00000
Stddev	.00187	.009	.00085	.0856	2.6127
%RSD	1.0151	.1624	.42009	1.4447	37.359

#1	.18413	5.380	.20185	5.9874	-9.1272
#2	.18230	5.392	.20029	5.9658	-4.0795
#3	.18604	5.375	.20164	5.8294	-7.7732

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4369.7	57264.	5921.5	73.832	4750.3
Stddev	10.7	115.	43.6	1.383	13.9
%RSD	.24456	.20111	.73579	1.8726	.29229

#1	4357.4	57350.	5912.6	75.398	4741.5
#2	4375.6	57133.	5968.8	72.780	4743.1
#3	4376.3	57307.	5883.1	73.318	4766.3

Sample Name: CCV05 Acquired: 4/19/2019 16:37:55 Type: Unk
Method: P4-ICP2(v3058) 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	5.2694	5.2072	5.0648	5.3854	5.2420	9.9441	10.757
Stddev	.0154	.0125	.0049	.0226	.0165	.0399	.001
%RSD	.29144	.24015	.09626	.42018	.31497	.40177	.00939

#1	5.2854	5.2130	5.0673	5.4108	5.2602	9.9883	10.756
#2	5.2679	5.2157	5.0680	5.3778	5.2375	9.9105	10.758
#3	5.2548	5.1928	5.0592	5.3675	5.2281	9.9336	10.757

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.26036	2.4983	25.200	.98812	2.5506	1.2793	5.1010
Stddev	.00072	.0039	.062	.00294	.0041	.0038	.0110
%RSD	.27536	.15612	.24545	.29793	.15989	.29887	.21568

#1	.25955	2.4984	25.225	.99049	2.5497	1.2837	5.1136
#2	.26058	2.5021	25.129	.98483	2.5551	1.2777	5.0955
#3	.26093	2.4943	25.245	.98905	2.5471	1.2766	5.0938

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6179	25.925	2.4912	1.2825	26.129	2.5346	2.5767
Stddev	.0029	.038	.0054	.0009	.040	.0063	.0044
%RSD	.11155	.14814	.21629	.06865	.15354	.24812	.17043

#1	2.6194	25.902	2.4913	1.2835	26.117	2.5418	2.5750
#2	2.6198	25.969	2.4965	1.2819	26.174	2.5310	2.5817
#3	2.6145	25.904	2.4858	1.2821	26.097	2.5308	2.5734

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.638	5.1724	5.3174	5.3435	4.7678	5.0955	5.0820
Stddev	.095	.0063	.0509	.0095	.0284	.0096	.0160
%RSD	.38470	.12076	.95794	.17694	.59483	.18775	.31425

#1	24.742	5.1796	5.2642	5.3539	4.7711	5.0852	5.0770
#2	24.556	5.1692	5.3658	5.3411	4.7380	5.0974	5.0692
#3	24.616	5.1684	5.3221	5.3355	4.7944	5.1040	5.0999

Sample Name: CCV05 Acquired: 4/19/2019 16:37:55 Type: Unk
 Method: P4-ICP2(v3058) 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	4.7140	5.340	5.1082	F 7.3859	F<.00000
Stddev	.0321	.005	.0240	.0912	.66068
%RSD	.68033	.0946	.47061	1.2350	67.815

#1	4.7277	5.344	5.1169	7.3006	-.21528
#2	4.6774	5.341	5.0811	7.3750	-1.2868
#3	4.7369	5.334	5.1268	7.4821	-1.4207

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4223.6	54897.	5960.0	72.631	4318.3
Stddev	13.7	132.	42.3	1.593	11.9
%RSD	.32397	.23975	.70909	2.1927	.27450

#1	4210.9	54849.	5946.0	70.917	4314.7
#2	4221.9	55046.	6007.5	74.066	4308.6
#3	4238.1	54797.	5926.5	72.909	4331.5

Sample Name: CCB05 Acquired: 4/19/2019 16:41:54 Type: Unk
Method: P4-ICP2(v3058) 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	.00125	-.00033	.00003	-.00230	-.00186	-.01876	.00113
Stddev	.00179	.00115	.00017	.00063	.00180	.00274	.00028
%RSD	143.86	351.72	525.88	27.302	97.135	14.598	25.032

#1	-.00073	-.00137	-.00007	-.00158	.00022	-.02191	.00085
#2	.00170	-.00051	-.00006	-.00275	-.00272	-.01695	.00142
#3	.00277	.00090	.00023	-.00256	-.00307	-.01743	.00111

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.00001	-.00097	.00022	.00011	-.00020	.00064
Stddev	.00004	.00007	.01474	.00008	.00005	.00049	.00039
%RSD	158.58	925.98	1526.2	33.918	48.466	241.55	61.121

#1	-.00007	-.00007	-.01738	.00014	.00011	-.00074	.00098
#2	.00001	.00002	.01113	.00029	.00016	-.00009	.00073
#3	-.00001	.00007	.00336	.00023	.00006	.00022	.00021

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.02738	.00073	-.00079	.04621	-.00018	.00023
Stddev	.00004	.03217	.00046	.00035	.01377	.00026	.00003
%RSD	191.21	117.48	62.683	44.291	29.796	145.16	11.456

#1	-.00002	.04355	.00114	-.00108	.04119	-.00049	.00020
#2	.00006	.04826	.00024	-.00040	.03565	-.00002	.00024
#3	.00003	-.00966	.00080	-.00089	.06178	-.00004	.00024

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03723	.00022	.01570	.00229	-.00067	-.00218	.00018
Stddev	.01936	.00004	.01690	.00331	.00256	.00049	.00120
%RSD	52.012	17.953	107.64	144.41	382.27	22.274	653.15

#1	.01617	.00019	-.00316	-.00002	-.00123	-.00214	.00146
#2	.05426	.00020	.02948	.00608	-.00290	-.00269	-.00092
#3	.04125	.00026	.02077	.00081	.00212	-.00172	.00001

Sample Name: CCB05 Acquired: 4/19/2019 16:41:54 Type: Unk
 Method: P4-ICP2(v3058) 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	-.00464	-.0014	.00005	F 5.6157	F<.00000
Stddev	.00139	.0004	.00005	.0643	.90694
%RSD	29.994	27.20	93.237	1.1451	57.619

#1	-.00352	-.0014	.00008	5.5812	-2.1205
#2	-.00420	-.0010	-.00000	5.6898	-2.0745
#3	-.00620	-.0018	.00007	5.5759	-.52713

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4399.8	57059.	5960.9	73.659	4876.5
Stddev	20.1	161.	24.0	.926	15.8
%RSD	.45742	.28239	.40260	1.2574	.32330

#1	4377.5	56884.	5945.7	72.650	4859.8
#2	4405.2	57089.	5948.3	73.857	4878.4
#3	4416.6	57202.	5988.5	74.470	4891.2

Sample Name: PB119052BL Acquired: 4/19/2019 16:46:22 Type: Unk
Method: P4-ICP2(v3058) 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	.00056	-.00095	-.00104	.00014	.00064	-.01711	.00137
Stddev	.00086	.00099	.00046	.00066	.00008	.00698	.00025
%RSD	155.20	104.43	44.293	481.02	13.073	40.763	17.949

#1	-.00033	-.00010	-.00099	-.00034	.00072	-.02035	.00122
#2	.00139	-.00203	-.00152	.00089	.00064	-.00911	.00165
#3	.00061	-.00071	-.00060	-.00014	.00055	-.02188	.00124

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.00001	-.00334	.00036	.00017	-.00029	.00014
Stddev	.00002	.00005	.00287	.00010	.00004	.00025	.00067
%RSD	64.038	937.56	86.095	27.690	26.765	86.018	483.45

#1	-.00004	.00000	-.00663	.00027	.00012	-.00046	.00051
#2	-.00001	-.00006	-.00134	.00035	.00018	-.00000	-.00064
#3	-.00004	.00004	-.00205	.00047	.00020	-.00042	.00055

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	-.02047	.00049	-.00102	.03367	-.00020	-.00012
Stddev	.00002	.02105	.00016	.00017	.01228	.00025	.00003
%RSD	35.297	102.85	33.031	16.827	36.471	121.89	23.161

#1	.00004	-.04029	.00036	-.00104	.01950	-.00010	-.00015
#2	.00008	.00163	.00066	-.00119	.04109	-.00003	-.00012
#3	.00005	-.02275	.00044	-.00084	.04042	-.00049	-.00010

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02418	-.00007	.00372	.00353	-.00099	-.00219	.00022
Stddev	.02532	.00020	.01499	.00130	.00181	.00072	.00126
%RSD	104.70	287.12	402.58	36.918	183.73	33.007	577.68

#1	.05084	-.00018	.01594	.00439	.00080	-.00137	.00165
#2	.02125	-.00018	.00822	.00418	-.00282	-.00246	-.00026
#3	.00046	.00016	-.01300	.00203	-.00093	-.00274	-.00074

Sample Name: PB119052BL Acquired: 4/19/2019 16:46:22 Type: Unk
 Method: P4-ICP2(v3058) 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	-.00458	-.0021	.00004	F 5.8568	F<.00000
Stddev	.00155	.0018	.00006	.1754	1.5425
%RSD	33.824	87.26	150.09	2.9948	62.916

#1	-.00630	-.0041	.00002	5.6871	-1.9350
#2	-.00328	-.0015	-.00001	6.0374	-4.1862
#3	-.00416	-.0007	.00011	5.8460	-1.2339

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4385.7	57030.	5914.2	72.253	4864.0
Stddev	6.9	313.	18.4	.987	5.0
%RSD	.15635	.54822	.31183	1.3661	.10181

#1	4379.7	56734.	5893.4	72.084	4860.1
#2	4393.2	56999.	5928.7	73.314	4869.6
#3	4384.4	57357.	5920.4	71.361	4862.3

Sample Name: PB119052BS Acquired: 4/19/2019 16:50:49 Type: Unk
Method: P4-ICP2(v3058) 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	.77927	1.9852	.96357	2.0106	.78774	1.9145	.21019
Stddev	.00399	.0068	.00264	.0076	.00272	.0089	.00098
%RSD	.51225	.34139	.27381	.37565	.34537	.46247	.46573

#1	.78375	1.9810	.96624	2.0184	.78466	1.9078	.20908
#2	.77796	1.9816	.96096	2.0100	.78872	1.9246	.21055
#3	.77610	1.9930	.96352	2.0033	.78983	1.9113	.21094

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19289	.18533	1.0364	.39962	.20019	.31351	3.0911
Stddev	.00054	.00025	.0125	.00043	.00027	.00059	.0081
%RSD	.28149	.13285	1.2090	.10826	.13278	.18747	.26095

#1	.19239	.18520	1.0494	.39984	.19995	.31395	3.0819
#2	.19347	.18518	1.0244	.39990	.20014	.31284	3.0944
#3	.19279	.18562	1.0355	.39912	.20048	.31374	3.0970

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21285	1.9519	.48497	.06937	3.0562	.30614	.19361
Stddev	.00064	.0087	.00069	.00066	.0152	.00126	.00018
%RSD	.29970	.44527	.14284	.95143	.49670	.41146	.09347

#1	.21231	1.9579	.48473	.07003	3.0502	.30705	.19352
#2	.21268	1.9419	.48444	.06937	3.0449	.30470	.19350
#3	.21355	1.9559	.48576	.06871	3.0734	.30666	.19382

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.5241	.41744	.29319	F -.00016	.84559	.66738	.20351
Stddev	.0436	.00066	.00715	.00253	.00243	.00119	.00163
%RSD	.45821	.15870	2.4394	1625.9	.28774	.17802	.79850

#1	9.4783	.41724	.28571	-.00277	.84342	.66768	.20365
#2	9.5288	.41690	.29392	.00228	.84513	.66606	.20182
#3	9.5653	.41818	.29996	.00002	.84822	.66838	.20507

Sample Name: PB119052BS Acquired: 4/19/2019 16:50:49 Type: Unk
Method: P4-ICP2(v3058) 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	.18682	F 5.404	.20139	F 5.9871	F<.00000
Stddev	.00032	.010	.00035	.0857	1.5855
%RSD	.17207	.1803	.17182	1.4317	21.549
#1	.18715	5.407	.20128	5.9083	-9.0844
#2	.18651	5.393	.20110	6.0784	-5.9676
#3	.18680	5.412	.20177	5.9747	-7.0209
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4314.7	57183.	5904.4	73.145	4715.3
Stddev	8.2	143.	22.1	1.316	6.3
%RSD	.18932	.24924	.37417	1.7990	.13362
#1	4305.3	57019.	5879.4	74.491	4708.9
#2	4319.1	57271.	5912.6	71.861	4715.6
#3	4319.8	57260.	5921.3	73.082	4721.5

Sample Name: PB119053BL Acquired: 4/19/2019 16:54:55 Type: Unk
Method: P4-ICP2(v3058) 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	-.00001	-.00028	-.00073	-.00052	-.00061	-.01468	.00133
Stddev	.00105	.00021	.00035	.00187	.00048	.00752	.00019
%RSD	11226.	74.752	48.543	356.13	77.948	51.230	14.624

#1	-.00106	-.00050	-.00053	.00101	-.00006	-.01111	.00148
#2	.00105	-.00025	-.00052	-.00260	-.00090	-.00961	.00140
#3	-.00002	-.00009	-.00114	.00002	-.00087	-.02332	.00111

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.00008	.00487	.00043	.00004	-.00044	.00063
Stddev	.00003	.00008	.00926	.00044	.00006	.00017	.00040
%RSD	498.00	100.78	190.34	103.13	159.80	38.644	63.287

#1	.00002	-.00012	-.00179	.00094	.00009	-.00057	.00080
#2	.00000	-.00013	.01544	.00014	-.00002	-.00051	.00017
#3	-.00004	.00001	.00094	.00021	.00004	-.00025	.00091

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	-.01438	.00037	-.00045	-.00623	-.00028	-.00029
Stddev	.00007	.01447	.00025	.00011	.01479	.00034	.00002
%RSD	117.01	100.60	69.056	24.864	237.37	121.19	5.7474

#1	.00009	-.00246	.00059	-.00056	-.01250	-.00064	-.00031
#2	.00011	-.01021	.00009	-.00033	-.01686	-.00025	-.00028
#3	-.00002	-.03047	.00043	-.00046	.01066	.00004	-.00028

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04090	.00004	.00402	-.00131	.00140	-.00221	-.00047
Stddev	.04457	.00013	.01049	.00131	.00131	.00059	.00051
%RSD	108.96	293.01	260.78	100.12	93.618	26.492	109.91

#1	.08125	.00001	.01367	-.00089	.00149	-.00220	-.00045
#2	-.00694	.00018	-.00714	-.00278	.00005	-.00281	-.00099
#3	.04840	-.00006	.00553	-.00026	.00267	-.00163	.00004

Sample Name: PB119053BL Acquired: 4/19/2019 16:54:55 Type: Unk
Method: P4-ICP2(v3058) 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	-.00610	-.0025	.00011	F 5.9834	F<.00000
Stddev	.00061	.0007	.00007	.1967	2.5871
%RSD	10.018	26.94	59.639	3.2876	94.727

#1	-.00620	-.0030	.00019	6.1127	-4.1220
#2	-.00666	-.0028	.00007	6.0803	-4.3254
#3	-.00545	-.0018	.00007	5.7570	.25390

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4380.6	57058.	5957.8	73.561	4866.6
Stddev	3.4	98.	20.7	.753	10.9
%RSD	.07804	.17211	.34719	1.0239	.22391

#1	4376.7	56961.	5949.0	73.211	4855.1
#2	4382.7	57056.	5943.0	73.045	4867.9
#3	4382.5	57158.	5981.5	74.425	4876.8

Sample Name: PB119053BS Acquired: 4/19/2019 16:59:23 Type: Unk
Method: P4-ICP2(v3058) 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	.82977	2.1388	1.0412	2.1438	.83982	2.0562	.22742
Stddev	.00714	.0057	.0025	.0052	.00313	.0215	.00259
%RSD	.86033	.26693	.24142	.24373	.37212	1.0430	1.1409

#1	.82516	2.1322	1.0384	2.1444	.84082	2.0546	.22947
#2	.83799	2.1423	1.0433	2.1487	.84232	2.0356	.22451
#3	.82615	2.1420	1.0418	2.1383	.83632	2.0784	.22830

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20868	.20048	1.1250	.43526	.21780	.33704	3.3613
Stddev	.00033	.00032	.0134	.00069	.00048	.00080	.0103
%RSD	.16012	.16036	1.1913	.15745	.22090	.23849	.30675

#1	.20897	.20011	1.1097	.43447	.21743	.33642	3.3698
#2	.20831	.20065	1.1342	.43570	.21834	.33675	3.3643
#3	.20874	.20068	1.1312	.43561	.21763	.33795	3.3499

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23127	2.1770	.52521	.07529	3.3034	.33325	.21192
Stddev	.00075	.0232	.00127	.00022	.0303	.00103	.00039
%RSD	.32560	1.0645	.24261	.29598	.91798	.30794	.18395

#1	.23209	2.1844	.52405	.07540	3.3052	.33441	.21158
#2	.23061	2.1511	.52499	.07544	3.2723	.33245	.21235
#3	.23112	2.1956	.52657	.07504	3.3329	.33291	.21185

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.301	.45172	.32684	F -.00063	.90976	.72402	.22117
Stddev	.096	.00132	.00950	.00176	.00454	.00361	.00309
%RSD	.92816	.29194	2.9055	279.33	.49901	.49868	1.3989

#1	10.311	.45060	.33095	.00008	.90586	.71998	.21978
#2	10.200	.45317	.31598	-.00264	.90867	.72514	.21901
#3	10.391	.45138	.33359	.00066	.91474	.72693	.22472

Sample Name: PB119053BS Acquired: 4/19/2019 16:59:23 Type: Unk
Method: P4-ICP2(v3058) 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	.20262	5.805	.21731	F 6.0169	F<.00000
Stddev	.00147	.021	.00118	.1258	2.1631
%RSD	.72356	.3600	.54481	2.0906	26.740
#1	.20119	5.788	.21845	6.1380	-10.536
#2	.20257	5.828	.21609	6.0259	-6.4308
#3	.20412	5.798	.21740	5.8869	-7.3010
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4363.0	57211.	5885.6	72.464	4749.0
Stddev	30.8	344.	28.4	1.055	16.2
%RSD	.70510	.60128	.48174	1.4561	.34201
#1	4334.4	56814.	5861.6	73.370	4732.5
#2	4359.0	57402.	5878.4	71.306	4749.4
#3	4395.6	57417.	5916.9	72.716	4765.0

Sample Name: PB119059BL Acquired: 4/19/2019 17:03:29 Type: Unk
Method: P4-ICP2(v3058) 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	.00066	-.00129	-.00086	-.00023	-.00003	-.01300	.00089
Stddev	.00218	.00044	.00024	.00041	.00070	.01024	.00034
%RSD	328.33	34.157	27.385	178.94	2531.2	78.783	38.317

#1	.00033	-.00086	-.00113	-.00040	-.00051	-.01404	.00101
#2	-.00133	-.00126	-.00066	.00024	.00078	-.02269	.00051
#3	.00299	-.00174	-.00081	-.00054	-.00035	-.00228	.00116

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.00006	-.00709	.00023	.00011	-.00017	.00049
Stddev	.00004	.00008	.01151	.00021	.00011	.00018	.00051
%RSD	131.22	122.63	162.47	90.563	99.850	109.63	102.94

#1	-.00003	-.00003	-.01410	.00002	.00023	.00001	.00002
#2	.00001	-.00000	.00620	.00044	.00002	-.00036	.00103
#3	-.00007	-.00015	-.01336	.00024	.00008	-.00015	.00043

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.02784	.00047	-.00086	-.01962	.00019	-.00028
Stddev	.00001	.02357	.00041	.00026	.01734	.00021	.00009
%RSD	46.291	84.654	85.889	30.347	88.344	110.34	32.738

#1	.00002	.03667	.00094	-.00114	-.03951	.00018	-.00030
#2	.00004	.04572	.00021	-.00063	-.01165	-.00001	-.00018
#3	.00002	.00113	.00027	-.00080	-.00771	.00041	-.00035

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02071	-.00013	-.00475	.00053	-.00031	-.00233	.00055
Stddev	.03949	.00010	.00154	.00190	.00154	.00029	.00053
%RSD	190.72	74.324	32.443	356.86	503.93	12.238	95.522

#1	-.00365	-.00009	-.00649	.00113	.00135	-.00265	.00012
#2	.06628	-.00024	-.00357	-.00159	-.00170	-.00224	.00114
#3	-.00050	-.00006	-.00418	.00206	-.00057	-.00210	.00040

Sample Name: PB119059BL Acquired: 4/19/2019 17:03:29 Type: Unk
 Method: P4-ICP2(v3058) 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	-.00479	-.0006	.00001	F 5.8924	F<.00000
Stddev	.00178	.0006	.00008	.2877	2.1019
%RSD	37.186	107.0	954.58	4.8823	115.93

#1	-.00647	-.0012	.00009	5.7545	.61384
#2	-.00495	-.0007	-.00005	6.2231	-3.0521
#3	-.00293	.0001	-.00002	5.6997	-3.0010

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4394.2	57473.	5970.0	72.860	4873.9
Stddev	6.9	284.	28.4	.361	4.4
%RSD	.15750	.49443	.47628	.49574	.08948

#1	4392.4	57148.	5938.2	72.443	4878.2
#2	4388.4	57596.	5978.6	73.084	4869.5
#3	4401.9	57675.	5993.1	73.052	4874.0

Sample Name: PB119059BS Acquired: 4/19/2019 17:07:57 Type: Unk
Method: P4-ICP2(v3058) 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	.70956	1.8227	.88094	1.8346	.72247	1.7360	.19247
Stddev	.00219	.0012	.00309	.0039	.00351	.0147	.00004
%RSD	.30842	.06767	.35038	.21422	.48631	.84970	.01836

#1	.71186	1.8230	.87740	1.8331	.72538	1.7194	.19251
#2	.70750	1.8213	.88304	1.8391	.72347	1.7410	.19244
#3	.70933	1.8237	.88238	1.8317	.71857	1.7476	.19245

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17756	.16921	.97206	.36626	.18323	.28656	2.8390
Stddev	.00075	.00008	.01923	.00173	.00027	.00144	.0076
%RSD	.42083	.04607	1.9785	.47259	.14926	.50122	.26920

#1	.17840	.16913	.99303	.36786	.18328	.28816	2.8478
#2	.17730	.16929	.95525	.36650	.18347	.28614	2.8338
#3	.17698	.16921	.96790	.36442	.18293	.28538	2.8355

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19559	1.8285	.44196	.06425	2.7588	.28092	.17852
Stddev	.00008	.0514	.00043	.00036	.0094	.00107	.00020
%RSD	.04126	2.8122	.09750	.55529	.33988	.38151	.11461

#1	.19557	1.7692	.44167	.06416	2.7481	.28211	.17868
#2	.19567	1.8554	.44175	.06464	2.7654	.28003	.17859
#3	.19551	1.8610	.44245	.06394	2.7630	.28061	.17829

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.6805	.38306	.27665	F -.00233	.77805	.61492	.18884
Stddev	.0273	.00057	.01406	.00223	.00487	.00169	.00157
%RSD	.31458	.14974	5.0804	95.744	.62642	.27550	.82959

#1	8.6542	.38355	.29288	-.00461	.77670	.61422	.18717
#2	8.6786	.38243	.26811	-.00015	.78345	.61369	.18907
#3	8.7087	.38320	.26897	-.00223	.77399	.61685	.19027

Sample Name: PB119059BS Acquired: 4/19/2019 17:07:57 Type: Unk
 Method: P4-ICP2(v3058) 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	.16940	4.954	.18517	F 6.1140	F<.00000
Stddev	.00034	.007	.00037	.0713	.29925
%RSD	.20048	.1379	.19758	1.1657	4.5845

#1	.16944	4.958	.18490	6.0320	-6.5256
#2	.16905	4.958	.18559	6.1611	-6.8278
#3	.16972	4.946	.18504	6.1489	-6.2293

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4345.6	57296.	5890.9	73.355	4753.6
Stddev	7.8	229.	33.1	.741	4.9
%RSD	.17924	.39973	.56133	1.0099	.10315

#1	4340.7	57049.	5886.8	72.700	4752.2
#2	4341.5	57340.	5860.1	73.207	4749.5
#3	4354.6	57500.	5925.9	74.159	4759.0

Sample Name: PB119059TB Acquired: 4/19/2019 17:12:03 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00090	-.00042	-.00042	-.00119	.00107	-.01315	.00142	.00001
Stddev	.00109	.00097	.00074	.00146	.00042	.01692	.00022	.00007
%RSD	121.20	228.47	176.07	122.08	39.580	128.66	15.676	946.25

#1	.00063	.00019	-.00107	-.00124	.00077	-.02138	.00123	-.00004
#2	-.00003	-.00154	-.00057	.00029	.00155	-.02438	.00167	-.00003
#3	.00211	.00007	.00038	-.00262	.00088	.00631	.00137	.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.01240	-.00003	.00007	-.00034	.00049	.00006	-.01282
Stddev	.00003	.01769	.00031	.00019	.00011	.00065	.00004	.03705
%RSD	215.01	142.64	963.03	294.78	32.486	132.29	74.529	288.96

#1	.00001	-.00550	.00015	-.00016	-.00023	.00013	.00002	-.04185
#2	-.00005	.02987	-.00038	.00020	-.00046	.00010	.00004	.02890
#3	.00000	.01284	.00013	.00015	-.00034	.00124	.00010	-.02551

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00078	-.00053	-.02302	-.00016	-.00020	.04336	.00006	-.00484
Stddev	.00015	.00031	.01138	.00022	.00009	.01981	.00003	.00412
%RSD	19.154	59.112	49.445	136.28	47.382	45.698	55.961	85.067

#1	.00066	-.00046	-.03450	-.00005	-.00025	.02606	.00006	-.00279
#2	.00094	-.00025	-.02280	-.00041	-.00025	.03903	.00009	-.00959
#3	.00073	-.00086	-.01174	-.00001	-.00009	.06497	.00003	-.00216

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00283	.00041	-.00215	.00129	-.00382	-.0022	.00007	6.2874
Stddev	.00156	.00132	.00040	.00168	.00020	.0008	.00005	.1145
%RSD	55.230	318.13	18.694	130.81	5.2564	35.36	71.569	1.8216

#1	.00362	.00177	-.00189	-.00064	-.00400	-.0026	.00012	6.1718
#2	.00384	.00032	-.00261	.00204	-.00387	-.0028	.00003	6.2894
#3	.00103	-.00086	-.00194	.00246	-.00360	-.0013	.00004	6.4009

Sample Name: PB119059TB Acquired: 4/19/2019 17:12:03 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .66350
%RSD 101.88

#1 -.49798
#2 -.07777
#3 -1.3780

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4365.9	57314.	5985.7	72.410	4848.3
Stddev	3.3	126.	14.7	2.402	9.3
%RSD	.07492	.21991	.24536	3.3171	.19221

#1	4362.4	57174.	5972.5	73.391	4837.6
#2	4366.4	57419.	5983.2	69.673	4852.9
#3	4368.9	57349.	6001.5	74.166	4854.5

Sample Name: K2413-03 Acquired: 4/19/2019 17:16:32 Type: Unk
Method: P4-ICP2(v3058) 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	.15914	.00352	1.4018	.02012	-.00403	103.94	.18842
Stddev	.00144	.00150	.0126	.00120	.00223	.57	.00071
%RSD	.90449	42.729	.90069	5.9602	55.409	.54662	.37759

#1	.15931	.00385	1.4058	.02042	-.00365	103.43	.18890
#2	.15762	.00188	1.4119	.02115	-.00201	103.84	.18760
#3	.16049	.00484	1.3876	.01880	-.00642	104.55	.18875

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01586	.05006	829.98	.13131	.24690	.56923	119.88
Stddev	.00012	.00074	9.99	.00057	.00278	.00229	.73
%RSD	.74617	1.4822	1.2040	.43610	1.1276	.40230	.60604

#1	.01586	.05036	825.39	.13178	.24834	.56918	120.03
#2	.01574	.05061	823.11	.13068	.24867	.57155	119.10
#3	.01597	.04922	841.45	.13148	.24369	.56697	120.53

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.647	193.98	.32658	-.00612	21.223	.44149	8.8290
Stddev	.086	1.53	.00370	.00026	.122	.00174	.1026
%RSD	.36221	.78835	1.1331	4.2370	.57305	.39428	1.1618

#1	23.602	192.32	.32815	-.00626	21.122	.44274	8.8757
#2	23.594	194.26	.32923	-.00582	21.189	.43950	8.8999
#3	23.746	195.34	.32235	-.00628	21.358	.44221	8.7114

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	106.88	-.00247	3.3316	F 2497.8	F 44.702	-.94796	.76503
Stddev	.75	.00033	.0287	35.9	.162	.01384	.00222
%RSD	.70628	13.551	.86069	1.4361	.36295	1.4595	.29055

#1	106.30	-.00276	3.3018	2503.9	44.720	-.94968	.76608
#2	106.60	-.00254	3.3590	2530.2	44.532	-.96086	.76247
#3	107.73	-.00210	3.3339	2459.2	44.855	-.93335	.76652

Sample Name: K2413-03 Acquired: 4/19/2019 17:16:32 Type: Unk
Method: P4-ICP2(v3058) 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	.05952	F 79.26	2.5741	.47696	F<.00000
Stddev	.00062	.90	.0073	.09039	4.6171
%RSD	1.0385	1.130	.28507	18.952	61.055

#1	.05880	79.68	2.5680	.37520	-2.2394
#2	.05991	79.86	2.5719	.54794	-9.9625
#3	.05983	78.23	2.5822	.50775	-10.485

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5294.7	72067.	8291.2	63.704	3455.8
Stddev	31.0	200.	40.7	1.206	41.6
%RSD	.58525	.27784	.49109	1.8923	1.2048

#1	5283.8	71857.	8245.4	63.132	3437.2
#2	5270.7	72256.	8323.4	62.891	3426.6
#3	5329.7	72087.	8304.8	65.089	3503.4

Sample Name: K2413-03DUP Acquired: 4/19/2019 17:21:24 Type: Unk
Method: P4-ICP2(v3058) 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	.16132	.00119	1.4180	.02171	-.00516	104.73	.19139
Stddev	.00299	.00258	.0164	.00225	.00107	.91	.00221
%RSD	1.8555	216.77	1.1556	10.369	20.731	.86856	1.1532

#1	.15814	.00371	1.4319	.02269	-.00397	105.11	.19188
#2	.16408	.00130	1.3999	.02330	-.00545	103.69	.18898
#3	.16173	-.00144	1.4221	.01913	-.00605	105.38	.19332

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01617	.05075	827.57	.13303	.24947	.57664	120.90
Stddev	.00012	.00063	6.93	.00195	.00316	.00421	.62
%RSD	.74633	1.2506	.83708	1.4632	1.2668	.72961	.51026

#1	.01606	.05107	829.02	.13301	.25252	.58103	121.58
#2	.01615	.05002	833.65	.13110	.24621	.57264	120.74
#3	.01630	.05117	820.03	.13500	.24968	.57624	120.38

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.814	196.42	.32993	-.00632	21.507	.44889	8.9177
Stddev	.173	1.76	.00583	.00021	.154	.00209	.1194
%RSD	.72646	.89713	1.7685	3.3338	.71401	.46584	1.3389

#1	23.997	196.23	.33600	-.00647	21.558	.44807	9.0125
#2	23.654	194.77	.32436	-.00641	21.334	.44734	8.7836
#3	23.790	198.28	.32943	-.00608	21.629	.45127	8.9570

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	107.94	-.00250	3.3858	F 2499.5	F 45.121	-.94922	.76374
Stddev	.96	.00003	.0329	58.5	.443	.02137	.00340
%RSD	.88700	1.2308	.97179	2.3396	.98097	2.2516	.44576

#1	108.45	-.00252	3.3981	2500.7	45.132	-.95085	.76764
#2	106.84	-.00247	3.3486	2440.5	45.558	-.92707	.76134
#3	108.54	-.00252	3.4108	2557.4	44.673	-.96972	.76225

Sample Name: K2413-03DUP Acquired: 4/19/2019 17:21:24 Type: Unk
 Method: P4-ICP2(v3058) 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	.05969	F 80.01	2.5782	.74620	F<.00000
Stddev	.00080	1.28	.0145	.32016	2.8232
%RSD	1.3462	1.604	.56116	42.906	30.707
#1	.06059	81.13	2.5890	1.0324	-6.8738
#2	.05945	78.61	2.5838	.40044	-12.337
#3	.05903	80.30	2.5617	.80575	-8.3710
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5232.9	71878.	8356.9	64.452	3421.8
Stddev	38.1	706.	127.8	.265	43.6
%RSD	.72821	.98258	1.5292	.41072	1.2730
#1	5192.1	71064.	8260.5	64.542	3381.4
#2	5267.5	72333.	8308.3	64.659	3467.9
#3	5239.1	72236.	8501.8	64.154	3416.2

Sample Name: K2413-03LX5 Acquired: 4/19/2019 17:26:17 Type: Unk
Method: P4-ICP2(v3058) 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	.04271	-.00020	.28706	.01082	-.00520	27.203	.04988	.00418
Stddev	.00043	.00072	.00146	.00195	.00068	.275	.00069	.00007
%RSD	1.0011	353.13	.50814	17.980	13.178	1.0117	1.3922	1.7453
#1	.04317	.00058	.28790	.01244	-.00452	26.936	.04909	.00410
#2	.04263	-.00036	.28538	.00866	-.00589	27.188	.05040	.00424
#3	.04232	-.00084	.28791	.01135	-.00517	27.486	.05016	.00421
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00804	232.62	.03576	.04906	.16363	37.004	7.5564	51.797
Stddev	.00010	.70	.00076	.00013	.00037	.098	.0391	.523
%RSD	1.2957	.30253	2.1332	.27372	.22670	.26364	.51794	1.0090
#1	.00814	232.18	.03599	.04901	.16405	36.920	7.5164	51.271
#2	.00793	232.25	.03491	.04896	.16335	36.981	7.5581	51.804
#3	.00806	233.43	.03638	.04922	.16350	37.111	7.5946	52.316
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06339	-.00156	5.5387	.12286	1.7046	27.206	-.00113	.90712
Stddev	.00084	.00010	.0753	.00057	.0026	.223	.00014	.00738
%RSD	1.3329	6.4358	1.3598	.46132	.14984	.81800	12.546	.81335
#1	.06410	-.00165	5.4546	.12298	1.7075	26.964	-.00107	.89870
#2	.06362	-.00158	5.5614	.12225	1.7027	27.252	-.00129	.91022
#3	.06246	-.00145	5.6000	.12336	1.7038	27.402	-.00103	.91244
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1015.5	F 12.640	-.38449	.21038	.01323	F 15.48	.69634	5.9355
Stddev	1.5	.088	.00081	.00163	.00132	.04	.00160	.2465
%RSD	.14843	.69722	.21121	.77481	10.008	.2865	.23024	4.1524
#1	1016.4	12.719	-.38521	.21226	.01249	15.49	.69526	5.6825
#2	1016.3	12.545	-.38465	.20947	.01244	15.51	.69559	6.1749
#3	1013.7	12.656	-.38361	.20940	.01476	15.43	.69818	5.9490

Sample Name: K2413-03LX5 Acquired: 4/19/2019 17:26:17 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.63426
Stddev	.79956
%RSD	126.06

#1	1.5535
#2	.24948
#3	.09984

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4453.2	59360.	6596.3	72.058	4183.9
Stddev	12.1	299.	45.5	.643	16.0
%RSD	.27157	.50322	.68934	.89225	.38252

#1	4439.7	59611.	6547.7	72.528	4167.3
#2	4457.1	59438.	6637.8	71.325	4185.0
#3	4463.0	59030.	6603.3	72.320	4199.3

Sample Name: CCV06 Acquired: 4/19/2019 17:30:47 Type: Unk
Method: P4-ICP2(v3058) 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	5.3167	5.1702	5.0332	5.4179	5.2952	9.8762	10.774
Stddev	.0063	.0155	.0087	.0083	.0103	.0604	.048
%RSD	.11850	.29949	.17309	.15407	.19526	.61144	.44885

#1	5.3199	5.1730	5.0348	5.4239	5.3060	9.9447	10.830
#2	5.3208	5.1535	5.0238	5.4084	5.2854	9.8306	10.748
#3	5.3095	5.1840	5.0410	5.4214	5.2943	9.8533	10.744

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25691	2.4655	24.620	.96227	2.5353	1.2736	5.0159
Stddev	.00033	.0053	.038	.00202	.0046	.0030	.0124
%RSD	.12846	.21290	.15628	.20965	.18298	.23456	.24772

#1	.25728	2.4690	24.577	.96439	2.5375	1.2770	5.0290
#2	.25664	2.4595	24.634	.96037	2.5300	1.2723	5.0043
#3	.25681	2.4681	24.650	.96205	2.5385	1.2714	5.0144

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5843	25.597	2.4499	1.2715	25.965	2.4802	2.5732
Stddev	.0049	.027	.0068	.0025	.074	.0005	.0044
%RSD	.19080	.10541	.27644	.19668	.28540	.01975	.16964

#1	2.5898	25.571	2.4564	1.2740	26.051	2.4808	2.5756
#2	2.5828	25.625	2.4429	1.2690	25.918	2.4800	2.5681
#3	2.5803	25.594	2.4505	1.2715	25.927	2.4799	2.5758

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.630	5.1938	5.2777	F 5.8805	4.9614	5.0527	5.0389
Stddev	.118	.0102	.0263	.0335	.0276	.0161	.0082
%RSD	.48010	.19672	.49901	.56941	.55520	.31861	.16279

#1	24.753	5.2053	5.2946	5.9151	4.9431	5.0700	5.0309
#2	24.517	5.1905	5.2474	5.8482	4.9480	5.0382	5.0384
#3	24.621	5.1856	5.2912	5.8782	4.9931	5.0498	5.0473

Sample Name: CCV06 Acquired: 4/19/2019 17:30:47 Type: Unk
Method: P4-ICP2(v3058) 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	4.6579	5.310	5.0526	F 7.0982	F<.00000
Stddev	.0086	.005	.0080	.1588	1.7065
%RSD	.18483	.0876	.15912	2.2369	60.265

#1	4.6592	5.315	5.0485	7.0852	-3.1821
#2	4.6658	5.307	5.0618	7.2631	-.97713
#3	4.6487	5.307	5.0473	6.9463	-4.3356

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4225.4	56237.	6147.1	74.623	4357.4
Stddev	2.4	297.	4.3	.620	6.7
%RSD	.05745	.52776	.07051	.83055	.15447

#1	4223.3	55913.	6145.8	74.063	4356.0
#2	4224.8	56495.	6152.0	74.516	4364.7
#3	4228.1	56305.	6143.6	75.289	4351.4

Sample Name: CC0B6 Acquired: 4/19/2019 17:34:46 Type: Unk
Method: P4-ICP2(v3058) 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	.00015	-.00185	-.00089	-.00041	-.00029	-.02052	.00117
Stddev	.00191	.00041	.00049	.00225	.00153	.00259	.00041
%RSD	1272.2	21.971	54.460	555.64	533.39	12.633	35.238

#1	-.00115	-.00232	-.00058	.00093	-.00203	-.02341	.00082
#2	-.00074	-.00160	-.00145	-.00301	.00036	-.01977	.00163
#3	.00234	-.00163	-.00065	.00086	.00081	-.01839	.00107

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	-.00000	.00086	-.00011	.00006	-.00003	.00051
Stddev	.00004	.00007	.00521	.00039	.00019	.00033	.00003
%RSD	81.257	1496.1	608.58	364.96	309.10	1269.2	5.9067

#1	-.00009	.00006	.00674	-.00012	-.00012	.00026	.00055
#2	-.00005	-.00008	-.00316	.00029	.00005	-.00038	.00049
#3	-.00001	.00000	-.00101	-.00049	.00025	.00005	.00050

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	-.01447	.00091	-.00058	-.02839	-.00020	-.00029
Stddev	.00005	.01055	.00027	.00029	.00396	.00011	.00004
%RSD	75.606	72.905	29.829	50.352	13.964	56.308	13.848

#1	.00011	-.02446	.00103	-.00063	-.03288	-.00029	-.00026
#2	.00005	-.01551	.00110	-.00027	-.02691	-.00023	-.00033
#3	.00002	-.00344	.00060	-.00085	-.02538	-.00008	-.00027

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08164	.00040	.00536	F .38784	.00718	-.00171	-.00008
Stddev	.02712	.00019	.00680	.01411	.00103	.00035	.00084
%RSD	33.220	48.526	126.84	3.6386	14.392	20.667	1112.9

#1	.05466	.00052	.00736	.40306	.00739	-.00188	.00090
#2	.10890	.00050	.01093	.38525	.00810	-.00131	-.00058
#3	.08138	.00018	-.00222	.37520	.00606	-.00195	-.00054

Sample Name: CC0B6 Acquired: 4/19/2019 17:34:46 Type: Unk
 Method: P4-ICP2(v3058) 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	-.00461	-.0036	.00009	F 5.4926	F<.00000
Stddev	.00067	.0015	.00003	.0803	.31423
%RSD	14.538	40.95	36.660	1.4619	6.7996
#1	-.00510	-.0037	.00010	5.5172	-4.2824
#2	-.00385	-.0021	.00005	5.5577	-4.9031
#3	-.00489	-.0051	.00011	5.4029	-4.6784
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4424.0	58259.	6116.1	74.581	4935.6
Stddev	5.5	64.	30.2	1.185	4.4
%RSD	.12512	.10930	.49384	1.5883	.08928
#1	4419.0	58187.	6087.7	73.239	4930.6
#2	4423.2	58279.	6112.7	75.480	4938.6
#3	4429.9	58310.	6147.8	75.025	4937.8

Sample Name: K2413-03MS Acquired: 4/19/2019 17:39:14 Type: Unk
Method: P4-ICP2(v3058) 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	.77302	1.9245	2.4038	1.8885	.57334	108.15	.35020
Stddev	.00933	.0150	.0176	.0174	.00592	1.71	.00692
%RSD	1.2072	.77734	.73333	.91909	1.0331	1.5778	1.9769

#1	.76240	1.9073	2.3836	1.8685	.56663	106.24	.34231
#2	.77671	1.9315	2.4158	1.8973	.57554	108.67	.35299
#3	.77993	1.9347	2.4121	1.8998	.57785	109.53	.35529

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15770	.24998	832.97	.38086	.46297	.77800	122.36
Stddev	.00139	.00241	1.56	.00223	.00476	.00609	1.10
%RSD	.88040	.96296	.18691	.58620	1.0276	.78321	.89946

#1	.15706	.24725	834.75	.37934	.45748	.77100	121.09
#2	.15674	.25180	831.91	.37981	.46573	.78215	123.02
#3	.15929	.25089	832.24	.38342	.46570	.78083	122.97

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.815	197.63	.83703	.04495	23.977	.64409	9.3331
Stddev	.301	2.48	.00879	.00023	.408	.00402	.0853
%RSD	1.2627	1.2548	1.0505	.50455	1.7016	.62365	.91452

#1	23.471	194.98	.82692	.04483	23.511	.63946	9.2372
#2	23.947	198.04	.84288	.04481	24.152	.64646	9.4007
#3	24.026	199.89	.84129	.04522	24.268	.64636	9.3613

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	117.67	.27195	3.5952	F 2502.5	F 46.132	-.26428	.90930
Stddev	1.82	.00265	.0747	37.8	.600	.00728	.00212
%RSD	1.5472	.97514	2.0768	1.5113	1.3011	2.7563	.23285

#1	115.63	.26903	3.5090	2458.9	46.734	-.25645	.91001
#2	118.27	.27261	3.6375	2526.5	45.534	-.26555	.90692
#3	119.12	.27421	3.6392	2522.1	46.128	-.27085	.91097

Sample Name: K2413-03MS Acquired: 4/19/2019 17:39:14 Type: Unk
Method: P4-ICP2(v3058) 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	.19979	F 88.06	2.7631	<.00000	F<.00000
Stddev	.00115	.80	.0128	.14265	2.5006
%RSD	.57338	.9082	.46388	78.226	19.092
#1	.19916	87.15	2.7673	-.03626	-10.277
#2	.19910	88.62	2.7487	-.18952	-15.043
#3	.20111	88.43	2.7733	-.32128	-13.973
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5193.9	71587.	8260.6	63.700	3366.5
Stddev	44.6	147.	137.1	2.207	36.1
%RSD	.85855	.20559	1.6593	3.4647	1.0729
#1	5244.0	71746.	8103.3	61.605	3408.2
#2	5178.8	71560.	8354.5	66.004	3344.6
#3	5158.7	71455.	8324.1	63.491	3346.7

Sample Name: K2413-03MSD Acquired: 4/19/2019 17:43:57 Type: Unk
Method: P4-ICP2(v3058) 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	.75407	1.8760	2.3312	1.8281	.56031	107.14	.34935
Stddev	.00872	.0226	.0219	.0207	.00632	.37	.00263
%RSD	1.1568	1.2036	.93758	1.1306	1.1282	.34655	.75391

#1	.74876	1.8583	2.3153	1.8314	.55795	106.93	.35166
#2	.76414	1.9014	2.3561	1.8470	.56747	106.93	.34648
#3	.74932	1.8683	2.3221	1.8060	.55550	107.57	.34991

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15472	.24177	829.75	.37267	.44800	.76097	120.26
Stddev	.00098	.00271	12.90	.00117	.00532	.00639	.42
%RSD	.63648	1.1192	1.5549	.31380	1.1869	.83951	.35170

#1	.15359	.23979	833.57	.37154	.44386	.75718	120.03
#2	.15539	.24486	840.30	.37387	.45400	.76834	120.01
#3	.15518	.24067	815.36	.37259	.44613	.75738	120.75

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.293	196.24	.81079	.04445	23.900	.62763	9.0326
Stddev	.388	1.12	.00876	.00023	.055	.00434	.0848
%RSD	1.6671	.57243	1.0804	.51539	.23026	.69082	.93866

#1	22.861	195.20	.80438	.04418	23.939	.62263	8.9697
#2	23.614	196.07	.82078	.04457	23.838	.63010	9.1290
#3	23.404	197.43	.80723	.04459	23.924	.63018	8.9990

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	116.55	.26738	3.5732	F 2478.4	F 45.121	-.27425	.90441
Stddev	.33	.00313	.0252	2.4	.526	.00653	.01354
%RSD	.28304	1.1705	.70645	.09880	1.1651	2.3798	1.4970

#1	116.29	.26664	3.5713	2476.6	45.371	-.27931	.91573
#2	116.42	.27081	3.5489	2477.4	45.475	-.26688	.90808
#3	116.92	.26468	3.5993	2481.2	44.517	-.27656	.88941

Sample Name: K2413-03MSD Acquired: 4/19/2019 17:43:57 Type: Unk
Method: P4-ICP2(v3058) 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	.19805	F 84.63	2.7466	<.00000	F<.00000
Stddev	.00363	.75	.0506	.08008	5.5875
%RSD	1.8334	.8816	1.8420	32.802	43.075
#1	.20139	84.19	2.7984	-.31183	-18.677
#2	.19856	85.49	2.7440	-.15573	-12.729
#3	.19419	84.21	2.6973	-.26481	-7.5096
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5229.7	72374.	8351.9	64.784	3438.1
Stddev	25.1	360.	123.6	2.454	27.6
%RSD	.48088	.49683	1.4805	3.7884	.80316
#1	5242.2	72776.	8281.1	62.868	3462.4
#2	5200.8	72081.	8280.0	63.934	3408.1
#3	5246.2	72266.	8494.7	67.551	3443.7

Sample Name: K2413-03A Acquired: 4/19/2019 17:48:40 Type: Unk
Method: P4-ICP2(v3058) 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	.76460	1.8789	2.3374	1.8665	.56619	108.13	.35165
Stddev	.00320	.0263	.0272	.0069	.00421	1.37	.00469
%RSD	.41822	1.4024	1.1652	.37000	.74353	1.2698	1.3327

#1	.76266	1.8487	2.3059	1.8588	.56383	108.61	.35342
#2	.76284	1.8911	2.3530	1.8685	.56369	109.20	.35520
#3	.76829	1.8970	2.3532	1.8722	.57105	106.58	.34634

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15859	.24256	844.39	.38043	.45052	.76431	121.39
Stddev	.00196	.00288	5.90	.00643	.00522	.00595	2.57
%RSD	1.2341	1.1863	.69906	1.6907	1.1591	.77826	2.1153

#1	.15896	.23924	850.28	.37978	.44454	.75744	124.34
#2	.16034	.24409	838.48	.38716	.45286	.76788	119.67
#3	.15647	.24435	844.40	.37435	.45417	.76760	120.15

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.794	198.20	.81299	.04532	24.017	.64203	9.0983
Stddev	.421	1.69	.00963	.00011	.318	.00935	.1048
%RSD	1.7704	.85172	1.1849	.23448	1.3230	1.4561	1.1522

#1	24.176	198.38	.80189	.04544	24.140	.64404	8.9783
#2	23.863	199.79	.81793	.04522	24.256	.65022	9.1445
#3	23.342	196.43	.81915	.04531	23.657	.63184	9.1721

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	117.13	.26814	3.5905	F 2427.4	F 46.770	-.25360	.92679
Stddev	1.54	.00164	.0353	15.8	.213	.00351	.00890
%RSD	1.3144	.61041	.98446	.65059	.45626	1.3834	.95977

#1	117.73	.26628	3.5918	2409.8	47.009	-.25663	.93663
#2	118.28	.26878	3.6252	2431.8	46.705	-.24976	.92441
#3	115.38	.26936	3.5545	2440.5	46.597	-.25441	.91933

Sample Name: K2413-03A Acquired: 4/19/2019 17:48:40 Type: Unk
Method: P4-ICP2(v3058) 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	.20163	F 85.65	2.8009	<.00000	F<.00000
Stddev	.00199	1.10	.0221	.43185	2.2056
%RSD	.98827	1.284	.78923	54227.	21.118
#1	.20277	84.39	2.8260	.45475	-11.709
#2	.20279	86.19	2.7928	-.05293	-7.8976
#3	.19933	86.38	2.7840	-.40421	-11.726
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5256.6	71969.	8201.1	63.070	3454.2
Stddev	25.6	951.	70.3	1.364	36.2
%RSD	.48793	1.3218	.85667	2.1624	1.0479
#1	5285.8	71395.	8120.5	61.717	3495.9
#2	5237.8	71445.	8249.4	64.444	3430.2
#3	5246.2	73067.	8233.4	63.049	3436.6

Sample Name: K2413-04 Acquired: 4/19/2019 17:53:23 Type: Unk
Method: P4-ICP2(v3058) 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	.12536	.00004	1.1436	.02562	-.00362	93.862	.20094
Stddev	.00305	.00171	.0094	.00176	.00030	.609	.00135
%RSD	2.4334	3812.3	.82042	6.8827	8.2966	.64903	.67205

#1	.12652	.00191	1.1502	.02396	-.00340	93.405	.19949
#2	.12765	-.00145	1.1478	.02747	-.00396	93.628	.20117
#3	.12190	-.00033	1.1329	.02541	-.00350	94.554	.20216

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01413	.03715	640.88	.35681	.21360	.65269	141.72
Stddev	.00015	.00009	2.16	.00083	.00127	.00302	2.65
%RSD	1.0575	.24935	.33689	.23144	.59490	.46341	1.8723

#1	.01428	.03724	640.05	.35776	.21445	.65499	143.67
#2	.01398	.03715	643.33	.35625	.21421	.65381	142.79
#3	.01412	.03705	639.25	.35642	.21214	.64926	138.70

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.069	150.15	.29886	-.00766	15.514	.40647	6.4788
Stddev	.093	1.72	.00298	.00039	.104	.00272	.0356
%RSD	.42001	1.1480	.99783	5.0647	.67166	.66888	.54885

#1	21.972	148.26	.30123	-.00742	15.411	.40947	6.5102
#2	22.078	150.55	.29983	-.00745	15.511	.40576	6.4859
#3	22.156	151.64	.29551	-.00811	15.619	.40417	6.4402

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	84.890	-.00242	3.8829	F 2331.3	F 38.143	-.88584	.80271
Stddev	.560	.00027	.0259	26.4	.498	.00933	.00687
%RSD	.66014	11.216	.66582	1.1307	1.3066	1.0538	.85608

#1	84.421	-.00263	3.8742	2356.1	38.536	-.89425	.80810
#2	84.738	-.00211	3.9120	2303.6	38.311	-.87580	.80506
#3	85.511	-.00251	3.8625	2334.0	37.582	-.88749	.79497

Sample Name: K2413-04 Acquired: 4/19/2019 17:53:23 Type: Unk
Method: P4-ICP2(v3058) 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	.05063	F 59.19	1.9811	.93640	F<.00000
Stddev	.00087	.29	.0092	.30415	2.2041
%RSD	1.7100	.4917	.46483	32.480	11.457

#1	.04977	59.41	1.9879	1.2511	-21.747
#2	.05063	59.30	1.9848	.64402	-18.359
#3	.05150	58.86	1.9706	.91410	-17.611

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5009.7	66931.	7725.2	63.561	3611.2
Stddev	11.2	140.	87.7	1.419	16.3
%RSD	.22399	.20938	1.1358	2.2328	.45017

#1	5010.0	66797.	7638.7	62.401	3602.1
#2	4998.4	67076.	7722.6	63.139	3601.7
#3	5020.8	66918.	7814.2	65.144	3630.0

Sample Name: K2198-05 Acquired: 4/19/2019 17:58:06 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OK-03-041719 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01712	.00782	.43667	.03566	.00740	140.45	.47495
Stddev	.00604	.00100	.00151	.00264	.00113	.21	.00228
%RSD	35.316	12.821	.34470	7.4078	15.332	.15284	.48102

#1	.01014	.00693	.43549	.03663	.00865	140.56	.47486
#2	.02063	.00761	.43836	.03768	.00643	140.20	.47271
#3	.02059	.00890	.43615	.03267	.00712	140.58	.47727

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01185	.00370	82.380	.15008	.21317	.53166	220.20
Stddev	.00024	.00012	.225	.00067	.00067	.00176	1.44
%RSD	2.0498	3.3665	.27295	.44444	.31244	.33025	.65505

#1	.01184	.00377	82.198	.15081	.21366	.53261	220.44
#2	.01210	.00377	82.311	.14993	.21345	.53275	218.65
#3	.01161	.00356	82.632	.14950	.21241	.52964	221.51

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.0937	78.861	.33051	-.01292	8.3485	.44984	1.0281
Stddev	.0063	.355	.00126	.00051	.0148	.00132	.0015
%RSD	.15266	.45000	.38056	3.9544	.17730	.29252	.14794

#1	4.0937	78.846	.33124	-.01349	8.3430	.44972	1.0281
#2	4.0875	78.513	.33123	-.01275	8.3373	.45122	1.0296
#3	4.1000	79.223	.32906	-.01251	8.3653	.44859	1.0266

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.067	.00311	.13273	F 17.685	1.1116	.01884	4.1930
Stddev	.050	.00014	.00583	.049	.0049	.00108	.0175
%RSD	.26113	4.5155	4.3907	.27778	.43661	5.7535	.41648

#1	19.087	.00324	.13814	17.711	1.1121	.02007	4.1745
#2	19.011	.00296	.13348	17.716	1.1161	.01847	4.1953
#3	19.104	.00313	.12656	17.628	1.1065	.01800	4.2092

Sample Name: K2198-05 Acquired: 4/19/2019 17:58:06 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OK-03-041719 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.15911	F 12.10	.03401	.67428	F<.00000
Stddev	.00130	.04	.00161	.12636	1.6580
%RSD	.81910	.3667	4.7272	18.740	2.5492

#1	.16007	12.12	.03332	.57826	-63.209
#2	.15762	12.14	.03585	.62714	-66.443
#3	.15963	12.05	.03286	.81743	-65.463

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4690.0	63241.	7229.8	71.233	4065.8
Stddev	12.9	101.	20.6	.981	4.6
%RSD	.27433	.16016	.28471	1.3777	.11325

#1	4675.1	63313.	7250.5	72.149	4060.5
#2	4696.5	63284.	7209.4	70.197	4068.3
#3	4698.3	63125.	7229.6	71.353	4068.6

Sample Name: K2198-05DUP Acquired: 4/19/2019 18:02:31 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OK-03-041719 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01751	.00794	.45736	.03485	.00748	143.86	.48419
Stddev	.00236	.00239	.00153	.00117	.00127	.07	.00081
%RSD	13.478	30.064	.33431	3.3644	17.047	.04960	.16671

#1	.01493	.01037	.45771	.03606	.00823	143.87	.48330
#2	.01956	.00787	.45569	.03476	.00820	143.93	.48440
#3	.01803	.00559	.45869	.03372	.00601	143.79	.48488

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01219	.00411	79.280	.15395	.23478	.49373	225.59
Stddev	.00016	.00007	.269	.00025	.00049	.00173	.20
%RSD	1.3477	1.6851	.33906	.16124	.21073	.35124	.08948

#1	.01202	.00414	78.979	.15384	.23500	.49300	225.59
#2	.01221	.00416	79.366	.15378	.23421	.49248	225.39
#3	.01235	.00403	79.495	.15424	.23512	.49571	225.80

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.1247	80.591	.37181	-.01351	8.3184	.45944	1.0458
Stddev	.0040	.179	.00078	.00024	.0074	.00062	.0021
%RSD	.09764	.22240	.21068	1.7718	.08855	.13447	.20460

#1	4.1221	80.442	.37271	-.01326	8.3100	.45922	1.0481
#2	4.1293	80.542	.37126	-.01373	8.3236	.46013	1.0438
#3	4.1225	80.790	.37147	-.01354	8.3216	.45896	1.0457

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.978	.00340	.12642	F 19.998	1.1616	.01932	4.2429
Stddev	.056	.00011	.00453	.096	.0048	.00014	.0135
%RSD	.29758	3.1444	3.5866	.48104	.41690	.70938	.31818

#1	18.936	.00328	.12675	20.091	1.1636	.01942	4.2287
#2	18.956	.00347	.12173	19.899	1.1651	.01916	4.2442
#3	19.042	.00346	.13077	20.004	1.1561	.01936	4.2556

Sample Name: K2198-05DUP Acquired: 4/19/2019 18:02:31 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OK-03-041719 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.16470	F 11.10	.00400	1.0743	F<.00000
Stddev	.00127	.03	.00086	.1087	3.9363
%RSD	.77245	.2699	21.417	10.120	6.0042
#1	.16485	11.13	.00377	.95752	-65.110
#2	.16336	11.07	.00494	1.0927	-69.699
#3	.16589	11.10	.00328	1.1726	-61.865
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4686.3	62648.	7170.6	71.130	4050.4
Stddev	6.1	78.	13.1	.343	9.4
%RSD	.12952	.12501	.18297	.48211	.23204
#1	4679.4	62734.	7185.5	70.744	4040.9
#2	4688.8	62581.	7160.7	71.244	4050.6
#3	4690.8	62628.	7165.6	71.401	4059.7

Sample Name: K2198-05LX5 Acquired: 4/19/2019 18:06:55 Type: Unk
Method: P4-ICP2(v3058) 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	.00435	.00182	.09051	.01242	.00153	31.032	.10605
Stddev	.00210	.00076	.00006	.00226	.00061	.186	.00112
%RSD	48.329	41.432	.06525	18.192	39.844	.59854	1.0554

#1	.00261	.00116	.09049	.01386	.00099	30.821	.10478
#2	.00375	.00265	.09046	.01359	.00141	31.106	.10650
#3	.00668	.00167	.09058	.00982	.00219	31.169	.10688

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00270	-.00136	18.850	.03471	.04518	.12042	59.714
Stddev	.00003	.00003	.185	.00030	.00017	.00048	.316
%RSD	1.1618	1.9674	.98296	.85732	.37397	.39564	.52894

#1	.00268	-.00134	18.653	.03458	.04499	.11996	59.351
#2	.00274	-.00136	18.878	.03450	.04527	.12091	59.865
#3	.00269	-.00139	19.020	.03505	.04529	.12038	59.926

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.97066	17.683	.07117	-.00255	1.7698	.10348	.19637
Stddev	.00347	.187	.00046	.00033	.0186	.00051	.00057
%RSD	.35761	1.0556	.64280	13.045	1.0529	.49050	.29179

#1	.96666	17.470	.07159	-.00275	1.7484	.10291	.19650
#2	.97292	17.816	.07068	-.00273	1.7822	.10366	.19575
#3	.97239	17.763	.07122	-.00217	1.7788	.10387	.19687

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.1267	.00069	.04024	4.2145	.27418	.00181	.96555
Stddev	.0442	.00007	.01370	.0382	.00297	.00021	.01146
%RSD	1.0697	10.092	34.042	.90671	1.0835	11.336	1.1870

#1	4.0758	.00077	.03956	4.2445	.27759	.00170	.95243
#2	4.1509	.00066	.02689	4.2275	.27222	.00168	.97065
#3	4.1535	.00064	.05426	4.1715	.27272	.00205	.97358

Sample Name: K2198-05LX5 Acquired: 4/19/2019 18:06:55 Type: Unk
Method: P4-ICP2(v3058) 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	.03114	2.257	-.00508	5.7107	F<.00000
Stddev	.00041	.006	.00029	.1594	.87225
%RSD	1.3088	.2483	5.8002	2.7920	17.523

#1	.03136	2.254	-.00538	5.7869	-4.4426
#2	.03067	2.254	-.00506	5.8177	-4.5067
#3	.03140	2.264	-.00479	5.5274	-5.9844

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4385.3	57984.	6351.3	72.907	4490.1
Stddev	8.3	137.	12.7	.777	7.5
%RSD	.19023	.23561	.19938	1.0663	.16624

#1	4379.7	57828.	6337.8	72.010	4487.0
#2	4394.9	58042.	6362.9	73.357	4498.7
#3	4381.2	58082.	6353.2	73.355	4484.7

Sample Name: K2198-05MS Acquired: 4/19/2019 18:11:20 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OK-03-041719 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.71823	1.9925	1.4094	1.8365	.15254	150.28	.70860
Stddev	.00504	.0113	.0041	.0097	.00191	.88	.00237
%RSD	.70111	.56446	.29309	.52931	1.2553	.58713	.33412

#1	.71730	1.9995	1.4131	1.8452	.15366	150.13	.71007
#2	.71373	1.9795	1.4050	1.8260	.15033	149.47	.70587
#3	.72367	1.9984	1.4102	1.8382	.15363	151.22	.70986

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18839	.19625	64.630	.49059	.35585	.64146	218.78
Stddev	.00033	.00019	.126	.00095	.00105	.00156	.76
%RSD	.17381	.09630	.19536	.19333	.29612	.24334	.34798

#1	.18869	.19635	64.490	.48951	.35639	.64262	218.80
#2	.18845	.19603	64.666	.49104	.35463	.63968	218.00
#3	.18804	.19636	64.735	.49124	.35652	.64206	219.53

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.3037	84.592	.72698	.05328	11.516	.69884	1.2311
Stddev	.0231	.556	.00176	.00021	.058	.00193	.0010
%RSD	.53732	.65723	.24223	.39441	.50133	.27636	.08527

#1	4.3193	84.837	.72795	.05318	11.537	.70092	1.2323
#2	4.2771	83.956	.72494	.05313	11.450	.69850	1.2304
#3	4.3147	84.984	.72804	.05352	11.560	.69711	1.2307

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	29.083	.33957	.43181	7.7340	1.4593	.67222	5.4144
Stddev	.179	.00150	.01600	.0241	.0028	.00132	.0134
%RSD	.61638	.44046	3.7060	.31168	.19400	.19639	.24748

#1	29.058	.33874	.41825	7.7407	1.4575	.67177	5.4056
#2	28.918	.33868	.42772	7.7073	1.4625	.67118	5.4077
#3	29.274	.34130	.44946	7.7541	1.4577	.67370	5.4298

Sample Name: K2198-05MS Acquired: 4/19/2019 18:11:20 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OK-03-041719 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.33244	F 15.28	.14218	1.4849	F<.00000
Stddev	.00263	.02	.00148	.2009	2.2366
%RSD	.79023	.1318	1.0399	13.531	3.4204

#1	.33150	15.30	.14052	1.5517	-67.561
#2	.33042	15.26	.14334	1.2591	-63.093
#3	.33541	15.28	.14270	1.6440	-65.522

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4596.4	61786.	6937.6	71.271	4030.5
Stddev	5.6	104.	25.2	.439	4.8
%RSD	.12262	.16823	.36313	.61539	.11951

#1	4594.5	61712.	6960.3	70.826	4030.9
#2	4602.7	61905.	6910.5	71.283	4035.2
#3	4592.0	61741.	6942.1	71.703	4025.6

Sample Name: K2198-05MSD Acquired: 4/19/2019 18:15:41 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OK-03-041719 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.73035	1.9948	1.4082	1.8522	.15490	150.79	.70079
Stddev	.00170	.0043	.0014	.0070	.00070	.18	.00354
%RSD	.23228	.21612	.09737	.37892	.45237	.11921	.50471

#1	.73202	1.9936	1.4068	1.8601	.15509	150.63	.69778
#2	.72863	1.9912	1.4096	1.8499	.15413	150.98	.70468
#3	.73039	1.9996	1.4082	1.8466	.15550	150.76	.69989

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19103	.19657	66.660	.49390	.35399	.64851	218.75
Stddev	.00053	.00050	.301	.00167	.00069	.00088	.94
%RSD	.27965	.25480	.45137	.33766	.19620	.13608	.42746

#1	.19047	.19600	66.412	.49301	.35364	.64921	217.80
#2	.19153	.19677	66.994	.49582	.35354	.64879	218.79
#3	.19109	.19694	66.573	.49287	.35479	.64752	219.67

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5607	83.430	.73148	.05408	11.589	.70962	1.2480
Stddev	.0187	.211	.00163	.00047	.064	.00278	.0007
%RSD	.40975	.25297	.22311	.87597	.55225	.39203	.05382

#1	4.5398	83.354	.73067	.05354	11.536	.71058	1.2473
#2	4.5759	83.668	.73041	.05431	11.660	.71179	1.2480
#3	4.5664	83.267	.73336	.05439	11.571	.70648	1.2487

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	28.763	.34368	.45133	7.8013	1.4441	.67547	5.3458
Stddev	.050	.00084	.00298	.0247	.0094	.00184	.0076
%RSD	.17285	.24442	.66036	.31679	.65326	.27285	.14250

#1	28.793	.34374	.45170	7.7757	1.4333	.67631	5.3463
#2	28.791	.34449	.44818	7.8032	1.4503	.67336	5.3532
#3	28.706	.34281	.45411	7.8250	1.4489	.67675	5.3380

Sample Name: K2198-05MSD Acquired: 4/19/2019 18:15:41 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OK-03-041719 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.33673	F 14.74	.15584	1.6978	F<.00000
Stddev	.00226	.04	.00159	.2144	1.9442
%RSD	.67019	.2727	1.0198	12.626	3.0157

#1	.33929	14.74	.15539	1.8277	-66.651
#2	.33586	14.70	.15761	1.8155	-63.832
#3	.33504	14.78	.15453	1.4504	-62.922

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4547.8	61095.	6832.5	71.042	4017.6
Stddev	21.1	97.	11.2	.904	11.6
%RSD	.46412	.15914	.16407	1.2726	.28918

#1	4525.6	61062.	6834.1	71.621	4004.7
#2	4550.3	61020.	6820.5	71.505	4020.7
#3	4567.6	61205.	6842.8	70.000	4027.3

Sample Name: K2198-05A Acquired: 4/19/2019 18:20:09 Type: Unk
Method: P4-ICP2(v3058) 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	.71837	1.9870	1.4001	1.8265	.15317	149.65	.69950
Stddev	.00143	.0053	.0036	.0073	.00151	1.10	.00647
%RSD	.19891	.26756	.25985	.40159	.98685	.73805	.92562

#1	.71693	1.9809	1.3961	1.8198	.15226	148.50	.69283
#2	.71839	1.9897	1.4010	1.8344	.15235	149.75	.69991
#3	.71979	1.9904	1.4032	1.8254	.15492	150.71	.70577

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18900	.19482	65.206	.48988	.35336	.64178	217.87
Stddev	.00044	.00018	.374	.00144	.00075	.00129	1.49
%RSD	.23102	.09472	.57353	.29443	.21330	.20093	.68370

#1	.18858	.19474	64.785	.48857	.35249	.64030	216.91
#2	.18945	.19504	65.501	.48963	.35374	.64249	217.11
#3	.18898	.19470	65.332	.49143	.35384	.64257	219.59

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.4097	83.859	.72664	.05292	11.457	.70148	1.2273
Stddev	.0339	.908	.00212	.00033	.100	.00265	.0007
%RSD	.76891	1.0822	.29170	.63002	.87131	.37837	.05950

#1	4.3726	83.104	.72616	.05263	11.360	.69841	1.2269
#2	4.4175	83.606	.72481	.05328	11.451	.70302	1.2268
#3	4.4390	84.866	.72897	.05284	11.559	.70300	1.2281

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	28.732	.33921	.44020	7.6850	1.4434	.67067	5.3483
Stddev	.237	.00036	.01093	.0322	.0072	.00164	.0085
%RSD	.82351	.10686	2.4830	.41954	.49769	.24448	.15809

#1	28.478	.33898	.43441	7.6676	1.4487	.66906	5.3478
#2	28.773	.33903	.43338	7.6651	1.4464	.67234	5.3570
#3	28.946	.33963	.45280	7.7222	1.4352	.67063	5.3401

Sample Name: K2198-05A Acquired: 4/19/2019 18:20:09 Type: Unk
Method: P4-ICP2(v3058) 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	.33232	F 14.88	.14753	1.5370	F<.00000
Stddev	.00141	.03	.00189	.1182	2.9641
%RSD	.42497	.1776	1.2816	7.6880	4.4908
#1	.33319	14.86	.14661	1.6731	-69.286
#2	.33308	14.87	.14970	1.4775	-65.203
#3	.33069	14.91	.14627	1.4605	-63.522
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4611.8	61832.	6946.4	72.817	4055.9
Stddev	8.0	191.	36.4	1.364	5.8
%RSD	.17279	.30842	.52393	1.8730	.14198
#1	4602.6	62032.	6930.1	71.255	4053.4
#2	4615.4	61812.	6921.0	73.770	4062.5
#3	4617.3	61653.	6988.1	73.426	4051.9

Sample Name: CCV07 Acquired: 4/19/2019 18:24:37 Type: Unk
Method: P4-ICP2(v3058) 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	5.2728	5.1731	5.0174	5.3689	5.2290	9.9170	10.778
Stddev	.0116	.0034	.0035	.0126	.0083	.0123	.005
%RSD	.22040	.06547	.06944	.23427	.15787	.12410	.05107

#1	5.2771	5.1717	5.0180	5.3746	5.2385	9.9170	10.775
#2	5.2817	5.1705	5.0137	5.3545	5.2244	9.9046	10.784
#3	5.2597	5.1769	5.0206	5.3776	5.2240	9.9293	10.775

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25722	2.4583	24.657	.96674	2.5351	1.2668	5.0169
Stddev	.00098	.0019	.054	.00171	.0008	.0022	.0026
%RSD	.38204	.07798	.21844	.17715	.02973	.17410	.05163

#1	.25705	2.4565	24.606	.96807	2.5344	1.2685	5.0149
#2	.25827	2.4603	24.714	.96734	2.5359	1.2643	5.0159
#3	.25633	2.4580	24.650	.96481	2.5349	1.2675	5.0198

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5826	25.558	2.4424	1.2752	25.964	2.4857	2.5664
Stddev	.0071	.075	.0010	.0017	.039	.0034	.0008
%RSD	.27430	.29260	.04222	.13153	.14983	.13736	.03216

#1	2.5835	25.482	2.4436	1.2744	25.963	2.4835	2.5660
#2	2.5892	25.560	2.4417	1.2771	25.925	2.4896	2.5674
#3	2.5751	25.631	2.4420	1.2741	26.003	2.4839	2.5659

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.646	5.1669	5.2501	F 5.8518	4.9104	5.0348	5.0394
Stddev	.059	.0056	.0514	.0285	.0183	.0097	.0063
%RSD	.23930	.10836	.97934	.48694	.37270	.19339	.12545

#1	24.661	5.1732	5.1959	5.8770	4.9160	5.0243	5.0451
#2	24.696	5.1652	5.2561	5.8575	4.8899	5.0436	5.0404
#3	24.581	5.1624	5.2982	5.8209	4.9252	5.0365	5.0326

Sample Name: CCV07 Acquired: 4/19/2019 18:24:37 Type: Unk
Method: P4-ICP2(v3058) 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	4.6654	5.285	5.0628	F 7.1677	F<.00000
Stddev	.0146	.014	.0071	.1687	.55125
%RSD	.31199	.2580	.13972	2.3537	19.463
#1	4.6816	5.271	5.0694	7.0189	-2.6159
#2	4.6611	5.298	5.0635	7.3510	-2.4219
#3	4.6535	5.288	5.0554	7.1332	-3.4588
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4233.5	55714.	6090.5	73.087	4354.6
Stddev	19.2	147.	23.9	1.844	13.1
%RSD	.45349	.26324	.39207	2.5231	.30147
#1	4211.3	55546.	6063.0	74.731	4339.5
#2	4243.2	55820.	6106.1	73.437	4361.4
#3	4245.8	55774.	6102.5	71.093	4363.0

Sample Name: CCB07 Acquired: 4/19/2019 18:33:23 Type: Unk
Method: P4-ICP2(v3058) 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	.00111	-.00028	-.00060	-.00081	.00023	-.01382	.00157
Stddev	.00064	.00197	.00133	.00242	.00155	.00511	.00022
%RSD	57.489	711.78	222.82	298.16	662.04	37.011	14.244

#1	.00099	.00187	-.00104	-.00123	.00051	-.00942	.00136
#2	.00055	-.00069	.00090	.00179	-.00143	-.01943	.00155
#3	.00181	-.00201	-.00164	-.00299	.00162	-.01260	.00180

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00000	-.00593	.00013	.00017	-.00038	.00033
Stddev	.00004	.00008	.00378	.00011	.00012	.00031	.00049
%RSD	110.17	2748.6	63.714	86.966	68.953	82.828	148.21

#1	.00007	.00006	-.00934	.00014	.00024	-.00061	.00001
#2	.00005	.00004	-.00657	.00024	.00024	-.00051	.00009
#3	-.00001	-.00008	-.00187	.00001	.00004	-.00002	.00089

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.05011	.00062	-.00074	-.08390	-.00021	-.00037
Stddev	.00002	.02347	.00028	.00012	.01434	.00036	.00004
%RSD	30.923	46.827	45.710	16.826	17.098	173.66	9.5396

#1	.00006	.02317	.00081	-.00086	-.09944	-.00057	-.00040
#2	.00004	.06604	.00030	-.00061	-.07117	-.00018	-.00033
#3	.00007	.06114	.00076	-.00075	-.08108	.00014	-.00038

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08744	.00008	.01795	F .37905	.00326	-.00119	.00055
Stddev	.00809	.00006	.00983	.00740	.00080	.00057	.00099
%RSD	9.2536	79.641	54.753	1.9517	24.534	47.536	180.30

#1	.09612	.00001	.02071	.38502	.00328	-.00076	.00169
#2	.08010	.00009	.02610	.38136	.00406	-.00183	-.00007
#3	.08612	.00014	.00704	.37077	.00246	-.00098	.00003

Sample Name: CCB07 Acquired: 4/19/2019 18:33:23 Type: Unk
 Method: P4-ICP2(v3058) 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	-0.00505	-0.0035	.00005	F 6.2271	F<.00000
Stddev	.00036	.0008	.00006	.0342	.53125
%RSD	7.0347	23.39	119.98	.54875	22.475

#1	-0.00464	-0.0034	-0.00001	6.1978	-1.7536
#2	-0.00523	-0.0044	.00004	6.2189	-2.6141
#3	-0.00529	-0.0027	.00011	6.2647	-2.7236

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4410.2	58031.	6079.8	74.184	4890.1
Stddev	6.6	166.	28.7	.981	4.9
%RSD	.15059	.28690	.47169	1.3228	.09942

#1	4403.7	57845.	6046.9	74.352	4885.8
#2	4417.0	58166.	6093.4	75.070	4895.4
#3	4410.0	58082.	6099.2	73.130	4889.1

Sample Name: K2199-13 Acquired: 4/19/2019 18:37:51 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-03-041819 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01764	.00729	.41745	.03282	.00654	150.52	.81128
Stddev	.00127	.00023	.00237	.00079	.00156	1.09	.00764
%RSD	7.1902	3.2192	.56789	2.3987	23.838	.72360	.94175

#1	.01792	.00721	.41994	.03260	.00783	150.38	.81147
#2	.01874	.00755	.41719	.03217	.00697	151.66	.81883
#3	.01625	.00710	.41522	.03369	.00481	149.50	.80355

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01230	.00280	66.986	.15047	.14349	.40769	219.75
Stddev	.00032	.00014	.021	.00141	.00033	.00174	1.41
%RSD	2.6283	5.1001	.03190	.93541	.23199	.42737	.64387

#1	.01199	.00288	67.010	.15064	.14387	.40853	219.02
#2	.01264	.00264	66.977	.15179	.14323	.40569	221.38
#3	.01227	.00289	66.970	.14899	.14337	.40886	218.84

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.8130	64.405	.21717	-.01330	12.501	.47991	.75859
Stddev	.0395	.542	.00081	.00057	.090	.00515	.00081
%RSD	1.0366	.84124	.37489	4.2595	.72340	1.0736	.10658

#1	3.8118	64.119	.21623	-.01302	12.497	.48213	.75944
#2	3.8531	65.029	.21762	-.01395	12.594	.48357	.75850
#3	3.7740	64.066	.21766	-.01293	12.413	.47402	.75783

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.048	.00289	.52175	6.3525	3.1328	.01854	3.9569
Stddev	.126	.00058	.01511	.0110	.0370	.00071	.0120
%RSD	1.0418	20.085	2.8969	.17375	1.1817	3.8364	.30287

#1	12.071	.00251	.53815	6.3398	3.1444	.01873	3.9706
#2	12.160	.00260	.51873	6.3577	3.1626	.01914	3.9481
#3	11.912	.00356	.50838	6.3599	3.0913	.01776	3.9520

Sample Name: K2199-13 Acquired: 4/19/2019 18:37:51 Type: Unk
 Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OR-03-041819 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.13262	7.583	-.01957	1.8396	F<.00000
Stddev	.00100	.005	.00217	.2935	1.6614
%RSD	.75435	.0716	11.100	15.953	2.4549

#1	.13371	7.587	-.01844	1.6456	-66.897
#2	.13175	7.577	-.02207	2.1772	-69.586
#3	.13241	7.586	-.01819	1.6960	-66.551

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4732.4	63225.	7086.1	71.914	4105.2
Stddev	6.8	642.	14.9	.567	6.6
%RSD	.14343	1.0155	.21051	.78786	.15974

#1	4724.8	63167.	7069.2	72.290	4097.7
#2	4737.8	62613.	7091.7	72.189	4108.8
#3	4734.6	63893.	7097.4	71.262	4109.3

Sample Name: K2199-15 Acquired: 4/19/2019 18:42:16 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-03-041819 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01462	.00703	.33213	.02778	.00522	128.41	.83654
Stddev	.00084	.00138	.00230	.00233	.00082	.41	.00308
%RSD	5.7172	19.638	.69379	8.3793	15.677	.31950	.36805

#1	.01468	.00857	.33460	.02509	.00504	127.95	.83299
#2	.01542	.00660	.33003	.02907	.00611	128.74	.83814
#3	.01375	.00592	.33177	.02917	.00450	128.53	.83848

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01146	.00240	79.675	.15036	.12333	.28901	186.18
Stddev	.00001	.00001	.250	.00127	.00033	.00117	.32
%RSD	.12570	.46106	.31436	.84244	.26543	.40646	.17286

#1	.01145	.00240	79.961	.14903	.12332	.29008	186.00
#2	.01148	.00241	79.568	.15052	.12366	.28775	185.99
#3	.01147	.00239	79.496	.15155	.12301	.28919	186.55

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.2681	68.642	.20400	-.01156	10.052	.40113	.72589
Stddev	.0040	.344	.00058	.00013	.025	.00124	.00063
%RSD	.12122	.50158	.28661	1.1253	.24930	.30847	.08631

#1	3.2636	68.298	.20391	-.01145	10.028	.40071	.72621
#2	3.2698	68.643	.20463	-.01171	10.078	.40015	.72517
#3	3.2709	68.987	.20347	-.01153	10.050	.40252	.72629

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.137	.00134	.13913	4.7653	2.9319	.01773	3.7639
Stddev	.025	.00022	.01151	.0193	.0201	.00090	.0044
%RSD	.15707	16.025	8.2739	.40411	.68686	5.0867	.11619

#1	16.128	.00155	.13273	4.7838	2.9546	.01855	3.7688
#2	16.166	.00112	.15242	4.7454	2.9249	.01677	3.7628
#3	16.117	.00136	.13224	4.7668	2.9163	.01788	3.7603

Sample Name: K2199-15 Acquired: 4/19/2019 18:42:16 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-03-041819 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.13345	8.960	.03201	2.1108	F<.00000
Stddev	.00110	.025	.00140	.1746	2.2917
%RSD	.82737	.2767	4.3888	8.2733	4.2778

#1	.13443	8.987	.03302	2.2902	-54.914
#2	.13368	8.954	.03262	2.1009	-50.925
#3	.13225	8.938	.03041	1.9414	-54.874

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4843.3	64507.	7265.2	72.904	4127.8
Stddev	5.4	122.	50.6	.951	1.3
%RSD	.11208	.18966	.69603	1.3043	.03102

#1	4837.3	64390.	7207.2	73.933	4126.5
#2	4847.8	64634.	7288.1	72.721	4129.0
#3	4844.7	64496.	7300.2	72.058	4127.8

Sample Name: K2201-01 Acquired: 4/19/2019 18:46:41 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PL-01-041819 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01932	.00618	.32137	.03533	.00990	109.06	.65374
Stddev	.00447	.00145	.00140	.00199	.00216	.84	.00541
%RSD	23.145	23.423	.43628	5.6371	21.779	.76669	.82719

#1	.02009	.00473	.31995	.03525	.00942	109.88	.65865
#2	.01451	.00763	.32276	.03736	.00802	108.21	.64795
#3	.02336	.00619	.32142	.03338	.01225	109.10	.65462

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01204	.00199	52.165	.18568	.12852	.33785	212.46
Stddev	.00007	.00037	.296	.00118	.00027	.00182	.95
%RSD	.54201	18.482	.56779	.63651	.20826	.53815	.44840

#1	.01196	.00156	52.005	.18592	.12821	.33774	213.56
#2	.01207	.00219	52.506	.18440	.12862	.33972	211.90
#3	.01208	.00221	51.982	.18672	.12872	.33609	211.93

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.4298	53.911	.22365	-.01152	5.4836	.42225	.90032
Stddev	.0012	.270	.00120	.00017	.0243	.00233	.00103
%RSD	.02191	.50053	.53522	1.4620	.44219	.55076	.11396

#1	5.4308	54.218	.22333	-.01164	5.5107	.42225	.89915
#2	5.4284	53.711	.22498	-.01132	5.4638	.41992	.90106
#3	5.4301	53.803	.22265	-.01158	5.4763	.42457	.90074

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.085	.00498	.39217	3.0805	1.7968	.03303	4.4164
Stddev	.077	.00014	.01269	.0089	.0053	.00051	.0108
%RSD	.69778	2.8867	3.2362	.28953	.29462	1.5389	.24388

#1	11.171	.00493	.37782	3.0903	1.7911	.03354	4.4169
#2	11.021	.00514	.39676	3.0728	1.8015	.03302	4.4270
#3	11.064	.00487	.40192	3.0784	1.7979	.03253	4.4054

Sample Name: K2201-01 Acquired: 4/19/2019 18:46:41 Type: Unk
 Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PL-01-041819 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.16160	4.393	-.00073	2.2138	F<.00000
Stddev	.00085	.013	.00106	.1352	3.3835
%RSD	.52353	.3017	146.67	6.1073	5.3916
#1	.16176	4.398	-.00193	2.3697	-65.587
#2	.16236	4.404	.00008	2.1432	-63.671
#3	.16069	4.379	-.00033	2.1285	-59.008
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4670.9	62342.	6957.7	73.253	4211.8
Stddev	5.6	130.	42.6	.168	5.0
%RSD	.12057	.20911	.61234	.22972	.11780
#1	4676.7	62206.	6992.1	73.059	4216.5
#2	4665.4	62466.	6910.1	73.339	4206.6
#3	4670.8	62355.	6970.9	73.362	4212.4

Sample Name: K2201-03 Acquired: 4/19/2019 18:51:15 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PL-01-041819 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07656	.00808	.52912	.03838	.07651	133.60	.74825
Stddev	.00117	.00059	.00063	.00447	.00077	.22	.00111
%RSD	1.5258	7.3146	.11924	11.651	1.0052	.16333	.14778

#1	.07742	.00748	.52922	.04235	.07659	133.37	.74869
#2	.07523	.00866	.52969	.03354	.07570	133.80	.74907
#3	.07702	.00808	.52844	.03925	.07724	133.64	.74699

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01300	.00175	56.768	.18598	.13827	.51596	225.40
Stddev	.00017	.00010	.176	.00063	.00049	.00027	1.23
%RSD	1.2999	5.7616	.31041	.33697	.35752	.05166	.54647

#1	.01305	.00187	56.568	.18667	.13830	.51571	224.14
#2	.01282	.00171	56.898	.18544	.13776	.51624	225.46
#3	.01314	.00168	56.839	.18584	.13875	.51594	226.60

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.4049	61.558	.26032	-.01335	6.9615	.43556	1.3025
Stddev	.0077	.240	.00033	.00023	.0064	.00130	.0018
%RSD	.17523	.38952	.12720	1.7479	.09160	.29878	.13589

#1	4.3977	61.489	.26063	-.01337	6.9676	.43562	1.3008
#2	4.4040	61.360	.25997	-.01356	6.9549	.43423	1.3024
#3	4.4131	61.824	.26035	-.01310	6.9619	.43683	1.3043

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.057	.00374	.35395	4.7263	2.0637	.12939	4.2954
Stddev	.056	.00038	.00590	.0068	.0048	.00121	.0147
%RSD	.46244	10.196	1.6679	.14312	.23406	.93822	.34171

#1	12.079	.00371	.36006	4.7232	2.0691	.12992	4.2797
#2	12.100	.00337	.34827	4.7216	2.0597	.12801	4.2977
#3	11.994	.00413	.35352	4.7341	2.0623	.13026	4.3087

Sample Name: K2201-03 Acquired: 4/19/2019 18:51:15 Type: Unk
 Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PL-01-041819 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.18994	4.858	-.02003	2.7803	F<.00000
Stddev	.00017	.017	.00157	.0955	2.6102
%RSD	.08981	.3524	7.8369	3.4346	3.7307
#1	.18999	4.877	-.01986	2.7970	-66.970
#2	.19008	4.847	-.01856	2.8664	-71.748
#3	.18975	4.849	-.02168	2.6776	-71.181
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4556.4	61091.	6831.7	72.539	4159.4
Stddev	.3	40.	10.5	.646	2.5
%RSD	.00768	.06583	.15416	.89083	.06003
#1	4556.0	61077.	6843.7	72.164	4156.6
#2	4556.5	61137.	6824.0	73.285	4161.2
#3	4556.7	61060.	6827.4	72.169	4160.5

Sample Name: K2201-05 Acquired: 4/19/2019 18:55:39 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PL-01-041819 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02165	.00691	.29951	.03376	.00785	90.834	.46883
Stddev	.00332	.00032	.00049	.00107	.00223	.615	.00224
%RSD	15.314	4.6610	.16403	3.1563	28.357	.67749	.47878

#1	.02452	.00655	.29895	.03313	.01035	90.749	.46691
#2	.02241	.00718	.29979	.03499	.00608	90.265	.46829
#3	.01802	.00698	.29980	.03316	.00713	91.487	.47130

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00954	-.00145	50.745	.16747	.09725	.23084	180.18
Stddev	.00011	.00010	.395	.00139	.00014	.00135	.37
%RSD	1.1882	6.9817	.77835	.82712	.14649	.58379	.20573

#1	.00941	-.00133	50.290	.16592	.09733	.23022	180.50
#2	.00962	-.00152	50.997	.16860	.09709	.22991	180.26
#3	.00960	-.00149	50.949	.16789	.09733	.23238	179.77

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.8796	28.894	.11690	-.00885	3.4801	.38064	.61390
Stddev	.0108	.252	.00021	.00031	.0446	.00238	.00064
%RSD	.27790	.87287	.17866	3.5270	1.2811	.62623	.10423

#1	3.8721	28.711	.11677	-.00854	3.4622	.37797	.61416
#2	3.8746	28.789	.11714	-.00886	3.4473	.38255	.61437
#3	3.8919	29.182	.11678	-.00916	3.5309	.38140	.61317

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.7984	.00332	.19198	2.7894	3.5031	.06191	2.2775
Stddev	.0722	.00006	.01785	.0127	.0426	.00073	.0115
%RSD	1.0614	1.8789	9.2995	.45390	1.2171	1.1748	.50466

#1	6.7918	.00339	.20906	2.8010	3.4871	.06272	2.2697
#2	6.7298	.00327	.19344	2.7913	3.5514	.06132	2.2722
#3	6.8736	.00329	.17344	2.7759	3.4708	.06168	2.2907

Sample Name: K2201-05 Acquired: 4/19/2019 18:55:39 Type: Unk
 Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PL-01-041819 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.08842	3.209	-.00793	4.0190	F<.00000
Stddev	.00094	.009	.00069	.1894	1.8625
%RSD	1.0588	.2910	8.7241	4.7137	4.4364
#1	.08739	3.205	-.00869	4.2221	-39.985
#2	.08863	3.202	-.00777	3.8471	-42.292
#3	.08923	3.219	-.00733	3.9877	-43.671
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4542.0	59984.	6673.7	74.656	4324.4
Stddev	2.7	126.	27.5	.650	8.3
%RSD	.05846	.21048	.41195	.87050	.19207
#1	4539.2	59839.	6684.6	75.052	4318.3
#2	4544.5	60066.	6642.4	73.906	4321.1
#3	4542.3	60047.	6694.0	75.009	4333.9

Sample Name: K2201-07 Acquired: 4/19/2019 19:00:05 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PL-01-041819 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02571	.00771	.37094	.03453	.01055	153.80	.83026
Stddev	.00143	.00129	.00291	.00198	.00134	.44	.00287
%RSD	5.5423	16.798	.78398	5.7304	12.671	.28680	.34579

#1	.02414	.00803	.37196	.03553	.00943	153.30	.83244
#2	.02692	.00628	.37321	.03580	.01020	153.98	.82700
#3	.02607	.00881	.36766	.03225	.01203	154.13	.83133

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01440	.00119	41.951	.20599	.14878	.33595	217.86
Stddev	.00005	.00021	.104	.00055	.00035	.00087	.96
%RSD	.37729	17.441	.24732	.26716	.23759	.25891	.43845

#1	.01437	.00121	42.050	.20565	.14882	.33630	217.27
#2	.01447	.00139	41.960	.20662	.14911	.33660	218.97
#3	.01437	.00097	41.843	.20569	.14841	.33496	217.36

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.7015	65.685	.27845	-.01310	5.8411	.37438	.86098
Stddev	.0370	.142	.00132	.00014	.0240	.00029	.00116
%RSD	.64844	.21664	.47355	1.0919	.41104	.07689	.13470

#1	5.6712	65.525	.27737	-.01325	5.8413	.37404	.86050
#2	5.6906	65.796	.27992	-.01297	5.8170	.37452	.86230
#3	5.7427	65.735	.27806	-.01308	5.8651	.37456	.86013

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.157	.00303	.23349	3.5057	3.2883	.02902	2.9099
Stddev	.023	.00008	.00459	.0305	.0784	.00080	.0086
%RSD	.15382	2.6136	1.9640	.87078	2.3854	2.7693	.29708

#1	15.138	.00294	.23018	3.4848	3.3105	.02810	2.8999
#2	15.183	.00310	.23158	3.5407	3.3533	.02941	2.9150
#3	15.150	.00306	.23873	3.4915	3.2012	.02956	2.9148

Sample Name: K2201-07 Acquired: 4/19/2019 19:00:05 Type: Unk
 Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PL-01-041819 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.25399	5.179	-.04838	2.2990	F<.00000
Stddev	.00073	.018	.00132	.1974	1.9883
%RSD	.28765	.3540	2.7315	8.5868	2.9588

#1	.25425	5.173	-.04700	2.2968	-69.465
#2	.25455	5.199	-.04963	2.4975	-65.745
#3	.25316	5.164	-.04852	2.1027	-66.388

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4651.5	61594.	6977.3	73.519	4181.9
Stddev	6.0	29.	32.5	1.010	1.2
%RSD	.12953	.04753	.46545	1.3738	.02986

#1	4650.7	61600.	6954.1	73.082	4180.5
#2	4657.9	61563.	6963.4	72.801	4182.6
#3	4645.9	61621.	7014.4	74.674	4182.7

Sample Name: K2201-09 Acquired: 4/19/2019 19:04:38 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PL-01-041819 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02932	.00742	.23818	.03831	.01780	173.52	1.1543
Stddev	.00433	.00005	.00063	.00087	.00214	.59	.0035
%RSD	14.766	.69017	.26377	2.2697	11.991	.33782	.30252

#1	.02658	.00737	.23840	.03931	.01831	174.17	1.1579
#2	.03431	.00747	.23747	.03780	.01964	173.04	1.1510
#3	.02707	.00741	.23867	.03781	.01546	173.35	1.1539

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02093	.00930	63.734	.45908	.28288	.64363	301.09
Stddev	.00022	.00026	.276	.00154	.00106	.00029	1.14
%RSD	1.0722	2.7962	.43319	.33584	.37536	.04523	.37842

#1	.02071	.00959	63.424	.45798	.28403	.64360	299.83
#2	.02092	.00911	63.823	.46084	.28267	.64335	302.04
#3	.02116	.00919	63.954	.45842	.28194	.64393	301.41

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.6563	93.834	.39238	-.02300	8.9043	.73647	1.1749
Stddev	.0371	.484	.00017	.00047	.0158	.00056	.0008
%RSD	.38453	.51618	.04411	2.0470	.17696	.07540	.06775

#1	9.6153	93.546	.39256	-.02259	8.9213	.73703	1.1749
#2	9.6659	93.563	.39237	-.02352	8.8902	.73592	1.1757
#3	9.6876	94.394	.39221	-.02288	8.9015	.73647	1.1741

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.325	.00222	.27829	3.4202	1.6624	.02261	6.0733
Stddev	.107	.00015	.00327	.0272	.0224	.00103	.0090
%RSD	.80340	6.8922	1.1733	.79483	1.3478	4.5610	.14882

#1	13.442	.00206	.27579	3.4498	1.6503	.02232	6.0629
#2	13.232	.00236	.27710	3.4143	1.6882	.02175	6.0775
#3	13.301	.00223	.28198	3.3964	1.6486	.02375	6.0794

Sample Name: K2201-09 Acquired: 4/19/2019 19:04:38 Type: Unk
 Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PL-01-041819 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.25618	7.145	-.07012	.10032	F<.00000
Stddev	.00132	.018	.00107	.15243	5.4295
%RSD	.51685	.2491	1.5301	151.94	3.8635
#1	.25769	7.165	-.06888	.27545	-146.74
#2	.25565	7.140	-.07077	.02799	-136.67
#3	.25521	7.131	-.07070	-.00248	-138.18
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4719.5	63090.	7147.7	71.472	4002.9
Stddev	3.9	96.	26.9	.839	6.5
%RSD	.08181	.15284	.37642	1.1735	.16199
#1	4719.1	62982.	7165.5	71.379	4002.2
#2	4715.9	63121.	7116.8	70.683	3996.8
#3	4723.6	63168.	7160.9	72.353	4009.7

Sample Name: K2202-01 Acquired: 4/19/2019 19:09:11 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SA-06-041819 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09531	.01757	.26039	.04230	.01043	120.44	.39938
Stddev	.00151	.00078	.00100	.00281	.00155	.04	.00122
%RSD	1.5803	4.4298	.38335	6.6342	14.886	.03190	.30537

#1	.09603	.01803	.26132	.04268	.01191	120.48	.40036
#2	.09358	.01668	.25934	.03932	.00881	120.40	.39976
#3	.09632	.01802	.26051	.04489	.01058	120.44	.39801

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01652	.00338	29.305	.26270	.06865	.21979	293.10
Stddev	.00028	.00017	.131	.00027	.00018	.00036	.89
%RSD	1.7001	5.1251	.44710	.10105	.26765	.16393	.30365

#1	.01683	.00341	29.270	.26292	.06883	.21955	292.98
#2	.01644	.00354	29.450	.26241	.06866	.22020	292.27
#3	.01628	.00320	29.195	.26278	.06846	.21961	294.04

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.5941	26.648	.10771	-.02283	5.3956	.62587	.48105
Stddev	.0012	.149	.00039	.00004	.0257	.00175	.00055
%RSD	.07743	.56103	.35815	.18255	.47714	.27936	.11348

#1	1.5952	26.552	.10740	-.02283	5.3688	.62740	.48120
#2	1.5943	26.573	.10814	-.02287	5.4201	.62397	.48151
#3	1.5927	26.820	.10758	-.02278	5.3979	.62625	.48045

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.131	.00096	.37419	2.7270	2.3998	.00987	1.6173
Stddev	.073	.00022	.01100	.0171	.0255	.00036	.0095
%RSD	.65211	22.506	2.9402	.62664	1.0642	3.6471	.58522

#1	11.182	.00076	.38675	2.7358	2.4206	.01025	1.6270
#2	11.048	.00093	.36628	2.7073	2.4075	.00953	1.6167
#3	11.164	.00118	.36953	2.7378	2.3713	.00983	1.6081

Sample Name: K2202-01 Acquired: 4/19/2019 19:09:11 Type: Unk
 Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SA-06-041819 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.05039	4.882	-.18826	.42886	F<.00000
Stddev	.00140	.008	.00119	.16511	2.3087
%RSD	2.7801	.1631	.63378	38.500	2.2775

#1	.05189	4.878	-.18773	.58482	-104.03
#2	.04912	4.878	-.18742	.25591	-100.21
#3	.05017	4.892	-.18963	.44584	-99.862

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4695.4	62035.	6946.2	72.459	4221.5
Stddev	16.6	137.	32.6	.222	11.3
%RSD	.35268	.22029	.46983	.30643	.26874

#1	4679.2	61896.	6925.2	72.594	4215.0
#2	4694.7	62040.	6929.7	72.581	4214.9
#3	4712.3	62169.	6983.8	72.203	4234.6

Sample Name: K2202-03 Acquired: 4/19/2019 19:13:37 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SA-06-041819 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14343	.02111	.42411	.04261	.01847	115.55	.44863
Stddev	.00397	.00153	.00397	.00240	.00182	.54	.00041
%RSD	2.7705	7.2718	.93673	5.6251	9.8690	.46354	.09028

#1	.14722	.01959	.42005	.04474	.01707	116.01	.44851
#2	.14378	.02106	.42429	.04308	.01780	114.96	.44908
#3	.13930	.02266	.42798	.04001	.02053	115.67	.44830

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02423	.01490	51.416	.37672	.11417	.57656	426.18
Stddev	.00021	.00015	.173	.00053	.00060	.00196	.76
%RSD	.85092	1.0002	.33725	.14178	.52724	.33970	.17938

#1	.02422	.01473	51.605	.37611	.11370	.57433	426.11
#2	.02445	.01499	51.264	.37710	.11395	.57733	426.98
#3	.02404	.01498	51.378	.37695	.11485	.57802	425.45

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.7093	47.162	.19279	-.04780	7.6444	1.1237	.77055
Stddev	.0034	.113	.00174	.00042	.0184	.0014	.00125
%RSD	.09284	.24033	.90302	.87059	.24015	.12874	.16223

#1	3.7104	47.231	.19162	-.04732	7.6289	1.1242	.76915
#2	3.7120	47.032	.19197	-.04804	7.6646	1.1221	.77096
#3	3.7054	47.225	.19479	-.04805	7.6395	1.1248	.77154

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.613	.00050	.63371	5.5425	2.4956	.02817	2.3637
Stddev	.045	.00010	.00595	.0105	.0113	.00042	.0124
%RSD	.33349	20.527	.93908	.18918	.45071	1.4816	.52531

#1	13.665	.00038	.63703	5.5313	2.4852	.02835	2.3759
#2	13.595	.00056	.62684	5.5521	2.5076	.02770	2.3511
#3	13.579	.00056	.63726	5.5442	2.4941	.02848	2.3641

Sample Name: K2202-03 Acquired: 4/19/2019 19:13:37 Type: Unk
 Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SA-06-041819 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.07809	8.906	-.27539	<.00000	F<.00000
Stddev	.00133	.031	.00148	.31984	1.7859
%RSD	1.7072	.3473	.53716	15.732	.60148

#1	.07954	8.877	-.27422	-1.7096	-298.89
#2	.07691	8.903	-.27705	-2.3491	-295.40
#3	.07783	8.938	-.27489	-2.0404	-296.49

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4518.2	60346.	6787.1	70.409	4023.2
Stddev	1.8	69.	21.1	.922	2.5
%RSD	.04088	.11424	.31045	1.3088	.06318

#1	4519.8	60270.	6764.7	71.385	4025.8
#2	4516.2	60363.	6806.5	69.554	4020.8
#3	4518.6	60404.	6790.1	70.289	4022.9

Sample Name: K2453-01 Acquired: 4/19/2019 19:18:02 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OILY-STONES Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03996	.00940	.13948	.00966	.00592	41.481	.55148	.01211
Stddev	.00135	.00297	.00143	.00283	.00043	.230	.00213	.00012
%RSD	3.3894	31.641	1.0279	29.237	7.3438	.55416	.38709	.96037
#1	.04075	.01206	.13784	.00689	.00544	41.733	.55377	.01198
#2	.04074	.00619	.14007	.00956	.00605	41.427	.55114	.01220
#3	.03840	.00996	.14052	.01254	.00628	41.282	.54954	.01216
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00826	F 2334.9	.08876	.08604	.24067	160.13	6.2424	1640.3
Stddev	.00033	21.2	.00039	.00024	.00068	.56	.0439	4.1
%RSD	4.0463	.90891	.44341	.27907	.28303	.34669	.70311	.24911
#1	.00794	2354.7	.08885	.08627	.23991	160.51	6.2319	1640.1
#2	.00860	2312.5	.08909	.08579	.24087	159.50	6.2048	1636.3
#3	.00823	2337.5	.08832	.08604	.24123	160.40	6.2906	1644.5
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10680	-.01349	3.6868	.21879	.88738	16.319	.00705	.10403
Stddev	.00094	.00057	.0293	.00205	.00078	.007	.00037	.01158
%RSD	.88311	4.2519	.79366	.93688	.08758	.04152	5.2230	11.131
#1	.10605	-.01415	3.6654	.21992	.88774	16.311	.00720	.11497
#2	.10786	-.01318	3.6748	.21643	.88792	16.322	.00731	.10521
#3	.10648	-.01314	3.7201	.22003	.88649	16.323	.00663	.09190
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 21.062	1.0879	.01117	1.8667	.39364	9.256	1.6834	7.3559
Stddev	.027	.0043	.00075	.0077	.00212	.012	.0040	.0644
%RSD	.12831	.39585	6.6801	.41518	.53925	.1301	.23645	.87510
#1	21.050	1.0927	.01201	1.8581	.39486	9.247	1.6853	7.3286
#2	21.093	1.0865	.01059	1.8687	.39119	9.269	1.6860	7.3097
#3	21.044	1.0844	.01092	1.8732	.39488	9.251	1.6788	7.4294

Sample Name: K2453-01 Acquired: 4/19/2019 19:18:02 Type: Unk
 Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OILY-STONES Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	26.547
Stddev	1.259
%RSD	4.7425

#1	26.089
#2	25.581
#3	27.971

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3711.7	51388.	6436.8	60.710	2876.1
Stddev	.1	172.	15.4	.797	7.0
%RSD	.00384	.33474	.23864	1.3125	.24274

#1	3711.6	51257.	6437.7	60.107	2869.7
#2	3711.8	51583.	6451.7	60.410	2875.2
#3	3711.8	51324.	6421.1	61.613	2883.6

Sample Name: CCV08 Acquired: 4/19/2019 19:22:37 Type: Unk
Method: P4-ICP2(v3058) 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	5.2764	5.2307	5.0290	5.4068	5.2229	9.8457	10.852
Stddev	.0312	.0111	.0221	.0319	.0206	.0130	.010
%RSD	.59031	.21247	.43941	.58906	.39445	.13241	.09006

#1	5.3102	5.2411	5.0516	5.4398	5.2445	9.8392	10.842
#2	5.2488	5.2190	5.0075	5.3762	5.2034	9.8607	10.862
#3	5.2701	5.2320	5.0279	5.4045	5.2209	9.8373	10.851

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.26145	2.4720	25.134	.98128	2.5514	1.2691	5.0887
Stddev	.00051	.0109	.079	.00101	.0119	.0058	.0089
%RSD	.19592	.44239	.31404	.10340	.46553	.45969	.17495

#1	.26099	2.4828	25.078	.98012	2.5629	1.2743	5.0893
#2	.26137	2.4609	25.099	.98198	2.5392	1.2628	5.0795
#3	.26200	2.4723	25.224	.98174	2.5521	1.2703	5.0973

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6210	25.881	2.4664	1.2887	26.301	2.5387	2.5787
Stddev	.0022	.195	.0116	.0008	.025	.0008	.0135
%RSD	.08470	.75502	.46986	.06632	.09621	.03044	.52524

#1	2.6204	25.729	2.4791	1.2883	26.272	2.5383	2.5927
#2	2.6192	25.813	2.4563	1.2897	26.319	2.5395	2.5657
#3	2.6235	26.101	2.4638	1.2880	26.313	2.5381	2.5776

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.406	5.1481	5.3538	F 5.6175	4.8691	5.0767	5.0717
Stddev	.035	.0225	.0227	.0544	.0227	.0238	.0068
%RSD	.14273	.43765	.42467	.96877	.46621	.46903	.13394

#1	24.366	5.1683	5.3316	5.6801	4.8781	5.0971	5.0795
#2	24.428	5.1238	5.3526	5.5905	4.8433	5.0506	5.0680
#3	24.425	5.1523	5.3770	5.5817	4.8860	5.0826	5.0675

Sample Name: CCV08 Acquired: 4/19/2019 19:22:37 Type: Unk
 Method: P4-ICP2(v3058) 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	4.6115	5.330	5.1104	F 7.9760	F<.00000
Stddev	.0267	.034	.0166	.2090	2.6610
%RSD	.57993	.6451	.32563	2.6207	244.44
#1	4.6423	5.370	5.1288	8.1979	-1.2166
#2	4.5971	5.309	5.0964	7.7828	-3.6834
#3	4.5950	5.311	5.1059	7.9472	1.6341
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4269.5	55681.	6075.5	73.627	4360.7
Stddev	14.7	18.	27.1	2.409	15.7
%RSD	.34323	.03161	.44653	3.2717	.36018
#1	4256.1	55671.	6047.1	73.578	4345.8
#2	4285.1	55701.	6101.2	71.243	4377.1
#3	4267.4	55670.	6078.2	76.060	4359.3

Sample Name: CCB08 Acquired: 4/19/2019 19:26:36 Type: Unk
Method: P4-ICP2(v3058) 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	.00133	-.00093	.00003	-.00086	-.00010	-.01791	.00099
Stddev	.00115	.00049	.00027	.00387	.00089	.00628	.00025
%RSD	86.738	52.811	1058.2	449.93	923.17	35.048	25.734

#1	.00205	-.00118	-.00017	-.00517	.00067	-.01098	.00076
#2	-.00000	-.00126	.00033	.00030	-.00107	-.01953	.00126
#3	.00195	-.00037	-.00008	.00229	.00011	-.02322	.00094

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00001	.00797	.00017	.00015	-.00042	.00255
Stddev	.00004	.00005	.00668	.00015	.00002	.00022	.00040
%RSD	101.17	719.53	83.751	83.696	16.030	52.906	15.764

#1	.00001	-.00002	.00930	.00020	.00018	-.00024	.00220
#2	.00002	.00006	.00073	.00031	.00013	-.00036	.00299
#3	.00009	-.00002	.01388	.00002	.00014	-.00067	.00245

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00180	.00063	-.00065	-.06746	-.00016	-.00037
Stddev	.00004	.02630	.00038	.00003	.00781	.00011	.00004
%RSD	114.31	1457.8	60.851	4.5658	11.584	73.736	10.360

#1	-.00001	.02819	.00084	-.00068	-.07223	-.00029	-.00039
#2	.00003	-.02440	.00086	-.00063	-.05844	-.00011	-.00040
#3	.00007	.00162	.00019	-.00063	-.07171	-.00007	-.00033

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05120	.00022	.01572	F .17765	.00094	-.00062	.00008
Stddev	.00992	.00020	.01672	.00578	.00202	.00053	.00059
%RSD	19.380	89.643	106.34	3.2521	215.57	86.032	772.97

#1	.04811	.00039	.03497	.18363	.00024	-.00025	.00063
#2	.04318	.00026	.00475	.17721	-.00064	-.00038	-.00054
#3	.06229	.00000	.00745	.17210	.00321	-.00123	.00013

Sample Name: CCB08 Acquired: 4/19/2019 19:26:36 Type: Unk
 Method: P4-ICP2(v3058) 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	-.00604	-.0017	.00008	F 6.9077	F<.00000
Stddev	.00086	.0001	.00003	.1139	1.5076
%RSD	14.238	3.335	34.183	1.6492	71.788
#1	-.00527	-.0017	.00010	6.9904	-1.6526
#2	-.00587	-.0016	.00007	6.9550	-.86686
#3	-.00697	-.0017	.00005	6.7778	-3.7807
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4446.9	58160.	6073.8	75.042	4906.1
Stddev	19.8	131.	34.0	.421	15.5
%RSD	.44456	.22556	.55939	.56111	.31578
#1	4427.2	58088.	6091.0	75.509	4889.3
#2	4446.8	58081.	6034.6	74.691	4909.2
#3	4466.7	58311.	6095.7	74.927	4919.9

Sample Name: K2485-01 Acquired: 4/19/2019 19:31:04 Type: Unk
 Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SOIL-CUTTING Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02175	.00340	.08919	.01915	.00015	27.204	.53364
Stddev	.00337	.00076	.00160	.00132	.00091	.081	.00197
%RSD	15.498	22.496	1.7967	6.8850	594.99	.29707	.36874

#1	.02505	.00252	.08979	.02067	-.00038	27.140	.53218
#2	.02191	.00393	.09041	.01832	-.00036	27.295	.53588
#3	.01831	.00374	.08738	.01846	.00120	27.177	.53285

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00665	.00567	104.46	.08823	.01561	.07389	89.424
Stddev	.00026	.00006	.32	.00055	.00007	.00051	.649
%RSD	3.9010	1.0644	.30168	.62245	.45951	.68920	.72593

#1	.00647	.00564	104.66	.08767	.01563	.07437	89.009
#2	.00695	.00564	104.10	.08877	.01567	.07336	90.172
#3	.00654	.00574	104.63	.08824	.01553	.07394	89.091

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.0733	11.212	.12003	-.00391	24.958	.05555	.23464
Stddev	.0089	.071	.00047	.00040	.114	.00044	.00032
%RSD	.28789	.63317	.39168	10.209	.45586	.79314	.13679

#1	3.0713	11.134	.11964	-.00347	24.902	.05517	.23489
#2	3.0829	11.272	.11989	-.00403	25.089	.05603	.23475
#3	3.0655	11.232	.12055	-.00424	24.883	.05543	.23428

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.303	.00883	.10742	F 35.284	1.2556	-.00556	.32091
Stddev	.060	.00007	.00592	.016	.0096	.00101	.00179
%RSD	.53418	.83251	5.5156	.04512	.76707	18.112	.55762

#1	11.244	.00885	.10178	35.277	1.2508	-.00660	.32027
#2	11.365	.00875	.11359	35.302	1.2493	-.00552	.31952
#3	11.300	.00889	.10688	35.273	1.2667	-.00458	.32293

Sample Name: K2485-01 Acquired: 4/19/2019 19:31:04 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SOIL-CUTTING Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.02185	5.788	.64679	5.2420	F<.00000
Stddev	.00181	.011	.00269	.1314	1.1774
%RSD	8.2748	.1931	.41568	2.5062	8.7906
#1	.02120	5.800	.64933	5.2975	-14.652
#2	.02046	5.777	.64398	5.3365	-13.211
#3	.02389	5.787	.64706	5.0920	-12.319
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4555.5	60253.	6630.5	74.250	4333.4
Stddev	6.1	157.	26.1	.830	3.7
%RSD	.13439	.26115	.39418	1.1178	.08522
#1	4554.6	60380.	6614.4	75.111	4336.2
#2	4562.1	60077.	6660.7	73.455	4334.7
#3	4550.0	60304.	6616.4	74.185	4329.2

Sample Name: K2461-01 Acquired: 4/19/2019 19:35:28 Type: Unk
Method: P4-ICP2(v3058) 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	.19738	.01762	10.109	.08030	.08051	121.46	4.7323
Stddev	.00136	.00117	.008	.00220	.00047	.21	.0030
%RSD	.68963	6.6410	.07885	2.7366	.58631	.17537	.06249

#1	.19876	.01806	10.101	.07935	.08030	121.35	4.7305
#2	.19604	.01629	10.117	.07873	.08017	121.33	4.7307
#3	.19735	.01850	10.111	.08281	.08105	121.71	4.7357

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01933	.08250	313.20	.49778	.14062	11.330	313.64
Stddev	.00022	.00037	.36	.00092	.00042	.023	2.23
%RSD	1.1245	.44991	.11391	.18494	.29584	.20144	.71161

#1	.01916	.08227	313.61	.49884	.14063	11.312	314.80
#2	.01957	.08292	313.04	.49721	.14103	11.322	311.07
#3	.01925	.08229	312.96	.49729	.14020	11.356	315.05

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9331	47.110	.73108	-.00463	47.180	.34061	16.150
Stddev	.0025	.132	.00021	.00049	.049	.00120	.003
%RSD	.12798	.28081	.02843	10.483	.10303	.35366	.02115

#1	1.9308	47.018	.73123	-.00503	47.236	.34112	16.150
#2	1.9328	47.049	.73085	-.00478	47.153	.33923	16.154
#3	1.9357	47.261	.73118	-.00409	47.151	.34147	16.147

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	43.260	.07352	.69633	F 119.35	F 66.786	3.2394	2.5855
Stddev	.120	.00043	.00691	.10	.297	.0044	.0086
%RSD	.27754	.58261	.99280	.08119	.44410	.13715	.33295

#1	43.377	.07387	.70404	119.38	67.075	3.2342	2.5757
#2	43.137	.07364	.69069	119.43	66.800	3.2420	2.5917
#3	43.267	.07304	.69426	119.24	66.483	3.2418	2.5892

Sample Name: K2461-01 Acquired: 4/19/2019 19:35:28 Type: Unk
Method: P4-ICP2(v3058) 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	.12851	F 20.59	1.8600	2.2751	F<.00000
Stddev	.00017	.04	.0068	.0796	4.1556
%RSD	.13125	.2131	.36608	3.4999	3.2717

#1	.12833	20.63	1.8658	2.2275	-123.64
#2	.12866	20.59	1.8616	2.3670	-125.75
#3	.12855	20.55	1.8525	2.2307	-131.66

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4357.0	58728.	6612.2	68.280	3862.6
Stddev	10.5	441.	67.9	.681	9.0
%RSD	.24186	.75167	1.0267	.99808	.23341

#1	4347.3	58283.	6545.2	67.498	3852.5
#2	4368.2	58734.	6610.4	68.751	3869.7
#3	4355.4	59166.	6680.9	68.590	3865.7

Sample Name: K2461-02 Acquired: 4/19/2019 19:39:50 Type: Unk
Method: P4-ICP2(v3058) 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	.31901	.01949	8.9813	.06854	.06518	91.616	27.601
Stddev	.00423	.00022	.0221	.00195	.00053	.857	.008
%RSD	1.3256	1.1382	.24619	2.8414	.81152	.93519	.02871

#1	.31747	.01943	8.9677	.06659	.06460	92.385	27.593
#2	.32380	.01930	9.0068	.07048	.06564	90.692	27.603
#3	.31577	.01973	8.9694	.06855	.06529	91.769	27.608

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02187	.06129	319.16	.36135	.19094	2.8803	334.50
Stddev	.00025	.00042	10.25	.00129	.00055	.0083	1.79
%RSD	1.1444	.68783	3.2104	.35577	.28546	.28898	.53440

#1	.02161	.06166	330.99	.36222	.19142	2.8729	332.81
#2	.02191	.06139	313.03	.35987	.19106	2.8893	334.33
#3	.02211	.06083	313.46	.36194	.19035	2.8787	336.37

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2475	56.908	.84264	.00547	138.74	.41920	22.583
Stddev	.0038	.291	.00109	.00057	1.41	.00024	.015
%RSD	.17064	.51162	.12945	10.499	1.0160	.05748	.06496

#1	2.2458	57.064	.84156	.00486	140.31	.41947	22.592
#2	2.2448	56.572	.84261	.00555	137.59	.41913	22.591
#3	2.2519	57.088	.84374	.00600	138.31	.41900	22.566

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	64.622	.11389	1.4136	F 260.47	F 60.622	3.8573	2.6600
Stddev	.531	.00068	.0214	.27	1.583	.0023	.0904
%RSD	.82101	.59855	1.5107	.10261	2.6119	.06006	3.3989

#1	65.107	.11327	1.3915	260.58	62.438	3.8552	2.7642
#2	64.055	.11462	1.4152	260.67	59.899	3.8598	2.6027
#3	64.702	.11378	1.4341	260.17	59.530	3.8570	2.6130

Sample Name: K2461-02 Acquired: 4/19/2019 19:39:50 Type: Unk
Method: P4-ICP2(v3058) 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	.27368	F 15.80	2.4830	1.6426	F<.00000
Stddev	.01024	.01	.1052	.1742	2.0427
%RSD	3.7420	.0802	4.2360	10.602	1.3916
#1	.28537	15.81	2.6044	1.8263	-146.77
#2	.26628	15.80	2.4219	1.4799	-148.83
#3	.26940	15.79	2.4226	1.6217	-144.75
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4375.7	58925.	6572.4	66.957	3722.0
Stddev	10.4	233.	190.0	1.643	10.5
%RSD	.23695	.39593	2.8912	2.4536	.28108
#1	4372.4	58675.	6353.3	65.288	3713.2
#2	4367.3	59137.	6672.0	68.573	3719.3
#3	4387.3	58963.	6691.9	67.010	3733.6

Sample Name: K2461-03 Acquired: 4/19/2019 19:44:17 Type: Unk
Method: P4-ICP2(v3058) 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	.00351	-.02615	.71671	.01296	.02332	484.26	5.0816
Stddev	.00347	.00360	.00119	.00353	.00309	1.99	.0256
%RSD	98.969	13.782	.16606	27.205	13.243	.40993	.50396

#1	-.00001	-.02691	.71704	.01041	.02601	482.02	5.0541
#2	.00693	-.02931	.71539	.01148	.01995	484.93	5.1047
#3	.00361	-.02222	.71770	.01698	.02401	485.82	5.0860

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03304	.06259	311.67	1.3250	.56622	1.0393	433.17
Stddev	.00031	.00027	.46	.0042	.00291	.0024	3.26
%RSD	.94345	.43751	.14670	.31310	.51396	.23530	.75345

#1	.03276	.06231	311.36	1.3210	.56381	1.0366	429.88
#2	.03299	.06260	311.45	1.3248	.56539	1.0399	433.21
#3	.03337	.06286	312.19	1.3293	.56945	1.0413	436.41

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.940	219.57	2.0917	-.05924	84.677	1.0017	2.9514
Stddev	.104	2.25	.0055	.00050	.325	.0029	.0041
%RSD	.61438	1.0241	.26320	.83906	.38347	.28707	.13991

#1	16.833	217.00	2.0875	-.05952	84.319	.99882	2.9499
#2	16.947	221.18	2.0897	-.05867	84.952	1.0018	2.9482
#3	17.040	220.52	2.0979	-.05954	84.758	1.0046	2.9560

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	140.35	.00332	1.4388	F 21.439	F 65.113	.68942	F 25.525
Stddev	.65	.00056	.0208	.057	.324	.00433	.018
%RSD	.46605	16.716	1.4462	.26578	.49790	.62834	.07029

#1	139.62	.00385	1.4386	21.461	65.376	.68916	25.521
#2	140.58	.00337	1.4181	21.375	64.751	.68522	25.510
#3	140.87	.00274	1.4597	21.482	65.211	.69387	25.545

Sample Name: K2461-03 Acquired: 4/19/2019 19:44:17 Type: Unk
Method: P4-ICP2(v3058) 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	.31948	F 20.52	1.4123	<.00000	F<.00000
Stddev	.00333	.04	.0032	.08482	3.1050
%RSD	1.0431	.1864	.22809	1.2946	.59959
#1	.31765	20.50	1.4160	-6.5238	-515.98
#2	.31747	20.50	1.4106	-6.4848	-521.44
#3	.32333	20.57	1.4102	-6.6473	-516.14
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5004.6	66464.	7753.9	62.344	3325.0
Stddev	10.0	108.	45.2	1.113	4.4
%RSD	.20034	.16199	.58256	1.7855	.13096
#1	4997.9	66415.	7702.2	63.600	3328.3
#2	4999.8	66389.	7785.7	61.953	3320.0
#3	5016.1	66587.	7773.7	61.479	3326.5

Sample Name: K2461-04 Acquired: 4/19/2019 19:48:47 Type: Unk
Method: P4-ICP2(v3058) 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	.02084	.00124	.63152	.01129	.00693	30.071	.36706
Stddev	.00299	.00077	.00198	.00039	.00138	.055	.00024
%RSD	14.350	62.088	.31300	3.4438	19.911	.18189	.06557

#1	.01789	.00139	.63320	.01115	.00681	30.053	.36678
#2	.02076	.00192	.62934	.01173	.00561	30.028	.36722
#3	.02387	.00041	.63203	.01098	.00836	30.133	.36717

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00186	.01011	158.43	.06380	.01680	.49706	39.317
Stddev	.00012	.00012	.64	.00068	.00005	.00134	.064
%RSD	6.6701	1.2365	.40639	1.0643	.31559	.26918	.16218

#1	.00188	.01017	157.69	.06309	.01678	.49579	39.276
#2	.00197	.01019	158.85	.06445	.01676	.49692	39.390
#3	.00173	.00996	158.75	.06385	.01686	.49846	39.285

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0770	19.060	.06874	.00010	13.631	.11924	.81134
Stddev	.0013	.094	.00024	.00016	.011	.00054	.00106
%RSD	.12147	.49488	.34887	161.45	.08133	.45102	.13018

#1	1.0769	18.955	.06855	.00013	13.618	.11895	.81238
#2	1.0783	19.086	.06866	-.00007	13.638	.11986	.81137
#3	1.0757	19.138	.06901	.00025	13.636	.11891	.81027

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.550	.01275	.16962	7.0800	F 48.797	.11263	1.0939
Stddev	.019	.00036	.01422	.0101	.126	.00005	.0061
%RSD	.10236	2.8511	8.3844	.14322	.25906	.04200	.55989

#1	18.572	.01233	.16837	7.0916	48.855	.11267	1.1008
#2	18.544	.01292	.18443	7.0756	48.885	.11265	1.0918
#3	18.536	.01299	.15607	7.0728	48.653	.11258	1.0891

Sample Name: K2461-04 Acquired: 4/19/2019 19:48:47 Type: Unk
 Method: P4-ICP2(v3058) 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	.02432	2.040	.76293	6.8515	F<.00000
Stddev	.00073	.002	.00001	.0904	4.2608
%RSD	2.9973	.0882	.00073	1.3200	160.94

#1	.02512	2.038	.76293	6.9553	.60715
#2	.02411	2.041	.76292	6.8102	-7.4702
#3	.02371	2.041	.76293	6.7891	-1.0796

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4340.8	57190.	6203.1	73.714	4396.8
Stddev	15.9	290.	31.7	1.144	16.3
%RSD	.36586	.50728	.51100	1.5522	.37133

#1	4328.7	56877.	6176.0	74.237	4381.9
#2	4335.1	57242.	6195.3	74.504	4394.2
#3	4358.8	57450.	6237.9	72.402	4414.3

Sample Name: K2461-04DUP Acquired: 4/19/2019 19:53:09 Type: Unk
Method: P4-ICP2(v3058) 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	.02238	.00083	.63080	.01164	.00590	30.230	.36632
Stddev	.00155	.00065	.00214	.00157	.00073	.106	.00068
%RSD	6.9173	78.215	.33949	13.448	12.372	.35159	.18647

#1	.02408	.00033	.62949	.01000	.00559	30.125	.36558
#2	.02200	.00060	.62965	.01181	.00538	30.228	.36692
#3	.02106	.00156	.63327	.01312	.00673	30.337	.36645

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00178	.01016	158.13	.06352	.01694	.49633	39.182
Stddev	.00005	.00003	.66	.00028	.00009	.00046	.132
%RSD	3.0007	.27916	.41903	.44069	.51307	.09205	.33593

#1	.00172	.01016	158.18	.06326	.01685	.49685	39.324
#2	.00178	.01013	157.45	.06349	.01695	.49610	39.156
#3	.00183	.01018	158.77	.06382	.01702	.49602	39.065

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0743	19.067	.06810	.00042	13.606	.11800	.80840
Stddev	.0017	.162	.00051	.00059	.066	.00028	.00083
%RSD	.15840	.84893	.74736	141.78	.48353	.23615	.10218

#1	1.0758	18.911	.06788	.00064	13.540	.11794	.80757
#2	1.0745	19.234	.06774	.00086	13.672	.11775	.80842
#3	1.0724	19.055	.06868	-.00025	13.607	.11830	.80922

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.560	.01300	.16783	7.0486	F 48.766	.11114	1.0870
Stddev	.059	.00022	.01519	.0299	.306	.00109	.0024
%RSD	.31724	1.6931	9.0485	.42366	.62811	.97881	.22348

#1	18.542	.01300	.16630	7.0705	49.083	.11066	1.0848
#2	18.513	.01323	.15347	7.0146	48.471	.11038	1.0896
#3	18.626	.01278	.18373	7.0608	48.744	.11239	1.0866

Sample Name: K2461-04DUP Acquired: 4/19/2019 19:53:09 Type: Unk
Method: P4-ICP2(v3058) 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	.02417	2.033	.76072	7.0630	F<.00000
Stddev	.00087	.010	.00169	.1251	2.1775
%RSD	3.5990	.4843	.22229	1.7707	42.440

#1	.02482	2.032	.76083	7.1121	-6.6629
#2	.02451	2.023	.75898	7.1560	-2.6382
#3	.02319	2.043	.76235	6.9208	-6.0914

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4334.1	56967.	6201.8	73.613	4395.7
Stddev	15.4	228.	42.2	.984	13.1
%RSD	.35422	.40039	.68023	1.3361	.29810

#1	4320.5	56741.	6153.8	72.478	4380.9
#2	4331.0	56964.	6233.2	74.136	4400.3
#3	4350.8	57197.	6218.3	74.224	4405.9

Sample Name: K2461-04LX5 Acquired: 4/19/2019 19:57:32 Type: Unk
Method: P4-ICP2(v3058) 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	.00481	-.00062	.12931	.00278	-.00006	6.1091	.07427
Stddev	.00102	.00044	.00052	.00157	.00105	.0225	.00037
%RSD	21.243	70.541	.40194	56.739	1684.9	.36874	.49344

#1	.00394	-.00111	.12975	.00294	.00014	6.0832	.07450
#2	.00593	-.00026	.12945	.00426	-.00120	6.1193	.07385
#3	.00456	-.00050	.12874	.00112	.00088	6.1247	.07446

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00042	.00188	32.632	.01326	.00335	.10350	8.3004
Stddev	.00006	.00002	.149	.00003	.00025	.00042	.0022
%RSD	14.758	.82960	.45558	.26366	7.4316	.41023	.02621

#1	.00047	.00190	32.462	.01324	.00319	.10345	8.3011
#2	.00044	.00188	32.697	.01324	.00364	.10394	8.3022
#3	.00035	.00187	32.738	.01330	.00322	.10310	8.2980

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22044	3.9497	.01415	-.00037	2.6286	.02374	.15934
Stddev	.00021	.0968	.00053	.00021	.0121	.00052	.00058
%RSD	.09430	2.4502	3.7149	56.436	.46143	2.1907	.36604

#1	.22020	3.8587	.01363	-.00056	2.6265	.02416	.15944
#2	.22056	4.0514	.01468	-.00015	2.6416	.02316	.15987
#3	.22056	3.9392	.01413	-.00040	2.6176	.02392	.15871

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.7620	.00232	.04375	1.4735	F 10.357	.02091	.22297
Stddev	.0084	.00019	.00655	.0118	.015	.00014	.00083
%RSD	.22406	8.2602	14.971	.79938	.14169	.67759	.37195

#1	3.7710	.00254	.03801	1.4755	10.349	.02102	.22257
#2	3.7543	.00221	.05089	1.4842	10.374	.02097	.22242
#3	3.7608	.00221	.04235	1.4609	10.348	.02075	.22392

Sample Name: K2461-04LX5 Acquired: 4/19/2019 19:57:32 Type: Unk
Method: P4-ICP2(v3058) 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	.00103	.3968	.15504	6.5898	F<.00000
Stddev	.00039	.0016	.00033	.1877	2.2993
%RSD	37.621	.4150	.21146	2.8485	72.981

#1	.00148	.3986	.15471	6.4156	-.59917
#2	.00075	.3964	.15537	6.7886	-5.0623
#3	.00087	.3953	.15505	6.5653	-3.7901

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4514.1	58809.	6278.9	75.310	4768.8
Stddev	10.9	198.	20.0	1.009	6.2
%RSD	.24089	.33651	.31880	1.3402	.12988

#1	4507.3	58581.	6257.7	76.348	4764.1
#2	4526.7	58922.	6281.3	74.332	4775.8
#3	4508.4	58924.	6297.5	75.250	4766.4

Sample Name: K2461-04MS Acquired: 4/19/2019 20:01:53 Type: Unk
Method: P4-ICP2(v3058) 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	.82625	2.0202	1.5939	2.0984	.77300	34.817	.56940
Stddev	.00692	.0013	.0026	.0052	.00010	.071	.00159
%RSD	.83787	.06454	.15972	.24816	.01326	.20309	.27948

#1	.82089	2.0216	1.5957	2.0970	.77291	34.897	.57122
#2	.82380	2.0202	1.5910	2.0939	.77311	34.765	.56826
#3	.83407	2.0189	1.5949	2.1041	.77297	34.788	.56871

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20762	.20415	160.74	.46119	.22261	.77291	38.649
Stddev	.00046	.00016	.68	.00103	.00033	.00159	.119
%RSD	.22004	.07950	.42239	.22426	.14676	.20607	.30829

#1	.20709	.20431	160.12	.46048	.22270	.77234	38.726
#2	.20783	.20399	160.63	.46238	.22288	.77168	38.708
#3	.20792	.20417	161.47	.46071	.22225	.77471	38.511

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2614	20.761	.56457	.07336	16.768	.42910	.98631
Stddev	.0019	.140	.00051	.00017	.018	.00075	.00111
%RSD	.15398	.67589	.09028	.23213	.10629	.17484	.11229

#1	1.2594	20.602	.56412	.07348	16.759	.42846	.98749
#2	1.2615	20.867	.56512	.07316	16.756	.42993	.98614
#3	1.2633	20.816	.56446	.07343	16.789	.42891	.98530

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	28.084	.41903	.49497	6.7984	F 51.628	.79541	1.1767
Stddev	.037	.00118	.01341	.0063	.086	.00075	.0032
%RSD	.13235	.28279	2.7087	.09323	.16651	.09397	.27077

#1	28.101	.41827	.48934	6.8053	51.553	.79519	1.1789
#2	28.041	.41842	.48529	6.7928	51.609	.79625	1.1731
#3	28.109	.42040	.51027	6.7972	51.722	.79480	1.1782

Sample Name: K2461-04MS Acquired: 4/19/2019 20:01:53 Type: Unk
 Method: P4-ICP2(v3058) 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	.21171	8.021	.97025	7.3884	F<.00000
Stddev	.00061	.005	.00243	.1451	2.5585
%RSD	.28750	.0602	.25004	1.9638	43.590

#1	.21203	8.026	.97051	7.2796	-8.6887
#2	.21101	8.016	.96771	7.3326	-3.6952
#3	.21209	8.021	.97254	7.5531	-5.2244

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4296.0	56208.	6044.6	73.173	4325.7
Stddev	13.0	125.	7.4	1.133	15.6
%RSD	.30250	.22319	.12191	1.5482	.36117

#1	4282.9	56129.	6036.9	73.015	4307.7
#2	4308.9	56142.	6051.6	72.127	4332.9
#3	4296.1	56352.	6045.4	74.376	4336.3

Sample Name: K2461-04MSD Acquired: 4/19/2019 20:06:03 Type: Unk
Method: P4-ICP2(v3058) 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	.82401	2.0235	1.5881	2.0893	.76634	34.459	.56355
Stddev	.00332	.0034	.0032	.0029	.00249	.460	.00662
%RSD	.40349	.16767	.19986	.13770	.32480	1.3348	1.1745

#1	.82539	2.0198	1.5878	2.0883	.76840	34.689	.56626
#2	.82021	2.0265	1.5852	2.0926	.76704	33.930	.55601
#3	.82641	2.0243	1.5915	2.0871	.76357	34.759	.56838

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20735	.20418	156.15	.46031	.22279	.77037	38.351
Stddev	.00020	.00040	10.69	.00132	.00031	.00104	.103
%RSD	.09518	.19805	6.8446	.28756	.13850	.13560	.26844

#1	.20713	.20423	165.10	.45906	.22254	.77066	38.233
#2	.20739	.20376	144.32	.46016	.22269	.76921	38.425
#3	.20752	.20456	159.03	.46170	.22313	.77124	38.394

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2507	20.558	.56438	.07331	16.653	.42918	.98603
Stddev	.0012	.213	.00086	.00033	.206	.00167	.00074
%RSD	.09810	1.0378	.15281	.45183	1.2376	.38948	.07534

#1	1.2493	20.461	.56493	.07318	16.740	.42725	.98546
#2	1.2511	20.410	.56338	.07307	16.418	.43011	.98575
#3	1.2517	20.802	.56482	.07369	16.801	.43017	.98687

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.857	.41719	.49582	6.7393	F 50.557	.79548	1.1418
Stddev	.382	.00016	.01865	.0140	2.989	.00235	.0768
%RSD	1.3703	.03798	3.7609	.20801	5.9126	.29570	6.7236

#1	28.052	.41709	.51645	6.7327	53.271	.79548	1.2037
#2	27.417	.41710	.49086	6.7554	47.353	.79313	1.0559
#3	28.102	.41737	.48015	6.7298	51.047	.79783	1.1656

Sample Name: K2461-04MSD Acquired: 4/19/2019 20:06:03 Type: Unk
Method: P4-ICP2(v3058) 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	.20673	8.014	.93777	7.3119	F<.00000
Stddev	.01521	.021	.06874	.1749	.53859
%RSD	7.3556	.2632	7.3305	2.3917	6.9082

#1	.21873	8.009	.99731	7.4776	-8.0927
#2	.18963	8.037	.86254	7.3291	-7.1748
#3	.21183	7.995	.95347	7.1291	-8.1219

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4331.5	56497.	6208.8	75.121	4352.5
Stddev	8.3	77.	372.0	5.526	1.9
%RSD	.19160	.13634	5.9920	7.3563	.04413

#1	4321.9	56428.	5867.0	69.909	4350.4
#2	4336.0	56484.	6605.1	80.915	4354.0
#3	4336.5	56580.	6154.4	74.539	4353.2

Sample Name: K2461-04A Acquired: 4/19/2019 20:10:13 Type: Unk
Method: P4-ICP2(v3058) 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	.82666	2.0309	1.5948	2.0965	.76853	34.720	.56669
Stddev	.00222	.0068	.0055	.0156	.00630	.255	.00266
%RSD	.26872	.33506	.34244	.74163	.81997	.73492	.46969

#1	.82913	2.0367	1.5998	2.1142	.77413	34.426	.56374
#2	.82484	2.0324	1.5958	2.0852	.76170	34.884	.56890
#3	.82599	2.0234	1.5890	2.0900	.76974	34.850	.56745

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20810	.20469	159.53	.46256	.22306	.77296	38.410
Stddev	.00018	.00063	.17	.00152	.00037	.00370	.200
%RSD	.08441	.30588	.10542	.32801	.16729	.47908	.52160

#1	.20801	.20510	159.41	.46264	.22349	.77724	38.530
#2	.20800	.20499	159.72	.46403	.22284	.77093	38.522
#3	.20831	.20397	159.46	.46100	.22285	.77072	38.179

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2551	20.779	.56543	.07377	16.795	.43076	.99485
Stddev	.0020	.228	.00093	.00044	.127	.00184	.00141
%RSD	.16187	1.0959	.16454	.60161	.75318	.42798	.14145

#1	1.2574	20.522	.56650	.07339	16.649	.43278	.99324
#2	1.2536	20.859	.56504	.07426	16.872	.43034	.99547
#3	1.2543	20.956	.56477	.07365	16.865	.42917	.99584

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.973	.41751	.48327	6.7641	F 51.708	.79473	1.1734
Stddev	.159	.00220	.01743	.0132	.427	.00082	.0017
%RSD	.56985	.52579	3.6063	.19470	.82506	.10324	.14727

#1	27.792	.41993	.46770	6.7776	52.201	.79555	1.1714
#2	28.093	.41693	.48000	6.7635	51.474	.79473	1.1744
#3	28.033	.41566	.50210	6.7512	51.450	.79391	1.1745

Sample Name: K2461-04A Acquired: 4/19/2019 20:10:13 Type: Unk
 Method: P4-ICP2(v3058) 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	.21134	8.037	.95896	7.2533	F<.00000
Stddev	.00029	.027	.00157	.2499	1.5594
%RSD	.13859	.3312	.16369	3.4456	55.020
#1	.21126	8.065	.96029	7.5416	-1.9661
#2	.21166	8.036	.95938	7.1208	-1.9021
#3	.21109	8.012	.95723	7.0976	-4.6345
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4319.0	56560.	6104.4	71.591	4338.2
Stddev	11.2	181.	55.7	.909	5.1
%RSD	.26034	.31993	.91262	1.2698	.11724
#1	4306.0	56535.	6042.6	71.782	4335.1
#2	4326.4	56393.	6119.5	70.602	4335.5
#3	4324.4	56752.	6150.9	72.390	4344.1

Sample Name: CCV09 Acquired: 4/19/2019 20:14:24 Type: Unk
Method: P4-ICP2(v3058) 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	5.1728	5.2196	4.9929	5.3067	5.1037	9.6737	10.617	.25805
Stddev	.0129	.0047	.0011	.0079	.0070	.0340	.043	.00086
%RSD	.24958	.08974	.02236	.14860	.13708	.35108	.40598	.33167
#1	5.1800	5.2153	4.9921	5.3122	5.1090	9.6346	10.567	.25747
#2	5.1805	5.2190	4.9925	5.2977	5.0957	9.6910	10.636	.25766
#3	5.1579	5.2246	4.9942	5.3102	5.1063	9.6956	10.647	.25904
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4663	25.101	.98224	2.5308	1.2552	5.0579	2.6016	25.766
Stddev	.0002	.150	.00303	.0029	.0019	.0069	.0027	.115
%RSD	.00819	.59856	.30846	.11423	.15058	.13616	.10183	.44655
#1	2.4665	24.948	.98067	2.5338	1.2538	5.0529	2.6002	25.688
#2	2.4663	25.106	.98031	2.5305	1.2544	5.0552	2.5999	25.711
#3	2.4661	25.248	.98573	2.5280	1.2573	5.0658	2.6047	25.898
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4673	1.2723	25.781	2.5391	2.5490	23.944	5.0732	5.3362
Stddev	.0017	.0009	.084	.0046	.0014	.076	.0017	.0652
%RSD	.06949	.07163	.32617	.18107	.05704	.31731	.03413	1.2226
#1	2.4655	1.2716	25.684	2.5396	2.5488	23.938	5.0712	5.2726
#2	2.4675	1.2720	25.839	2.5343	2.5476	23.871	5.0737	5.3331
#3	2.4689	1.2733	25.819	2.5435	2.5505	24.023	5.0745	5.4029
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.4216	5.0054	5.0778	5.0148	4.5256	5.302	5.0428	F 7.5678
Stddev	.0142	.0178	.0055	.0165	.0217	.008	.0045	.0936
%RSD	.26227	.35589	.10802	.32953	.48014	.1484	.08959	1.2373
#1	5.4379	5.0114	5.0830	5.0009	4.5502	5.311	5.0459	7.6640
#2	5.4156	4.9853	5.0783	5.0103	4.5092	5.299	5.0376	7.5624
#3	5.4114	5.0194	5.0721	5.0331	4.5174	5.296	5.0449	7.4770

Sample Name: CCV09 Acquired: 4/19/2019 20:14:24 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .37120
Stddev .49457
%RSD 133.23

#1 .27707
#2 -.06954
#3 .90607

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4416.9	57278.	6216.7	75.370	4471.7
Stddev	4.5	105.	28.3	.669	3.9
%RSD	.10226	.18371	.45448	.88757	.08665

#1	4422.1	57273.	6186.2	75.822	4475.9
#2	4414.7	57385.	6241.9	74.602	4470.6
#3	4413.9	57175.	6222.0	75.687	4468.4

Sample Name: CCB09 Acquired: 4/19/2019 20:18:23 Type: Unk
Method: P4-ICP2(v3058) 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	.00102	-.00057	-.00111	-.00061	-.00058	-.02037	.00130
Stddev	.00141	.00061	.00036	.00058	.00157	.00934	.00038
%RSD	139.10	106.38	32.429	94.477	271.77	45.825	28.882

#1	.00263	-.00117	-.00124	-.00017	.00089	-.01777	.00163
#2	.00043	-.00060	-.00071	-.00127	-.00224	-.01261	.00140
#3	-.00001	.00005	-.00140	-.00040	-.00038	-.03074	.00089

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.00001	.00348	-.00000	.00020	-.00029	.00058
Stddev	.00005	.00003	.00410	.00054	.00009	.00028	.00090
%RSD	409.53	174.51	117.72	163510.	43.051	98.689	155.10

#1	.00005	.00000	-.00084	-.00062	.00030	-.00016	.00039
#2	-.00005	-.00004	.00732	.00029	.00019	-.00009	.00156
#3	-.00003	-.00000	.00396	.00033	.00012	-.00061	-.00021

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.03248	.00109	-.00082	-.11774	-.00014	-.00045
Stddev	.00004	.03262	.00008	.00030	.00589	.00020	.00005
%RSD	139.05	100.41	7.1975	36.976	4.9996	139.80	10.262

#1	.00002	-.06757	.00107	-.00047	-.12130	-.00036	-.00041
#2	-.00000	-.00308	.00117	-.00097	-.11094	-.00006	-.00043
#3	.00008	-.02680	.00102	-.00103	-.12096	.00000	-.00050

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10537	.00023	.00027	F .09687	.00153	-.00058	.00153
Stddev	.01463	.00021	.01192	.00116	.00204	.00050	.00190
%RSD	13.882	90.835	4349.3	1.1982	133.09	85.243	124.24

#1	.09092	.00037	.01398	.09553	.00313	-.00113	.00357
#2	.12017	.00031	-.00760	.09756	-.00076	-.00015	.00121
#3	.10502	-.00001	-.00556	.09752	.00223	-.00047	-.00019

Sample Name: CCB09 Acquired: 4/19/2019 20:18:23 Type: Unk
Method: P4-ICP2(v3058) 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	-.00452	.0001	.00005	F 6.4593	F<.00000
Stddev	.00113	.0010	.00002	.2857	1.2791
%RSD	24.933	696.7	51.646	4.4236	208.57

#1	-.00454	-.0007	.00006	6.4143	-2.0695
#2	-.00563	.0013	.00002	6.7649	-.09917
#3	-.00338	-.0002	.00007	6.1988	.32879

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4586.0	59346.	6232.8	77.066	5036.8
Stddev	5.2	242.	20.4	.872	16.2
%RSD	.11381	.40701	.32752	1.1309	.32185

#1	4581.9	59289.	6219.3	76.905	5023.1
#2	4584.2	59137.	6256.3	78.007	5032.5
#3	4591.9	59610.	6222.9	76.286	5054.7

Sample Name: K2461-05 Acquired: 4/19/2019 20:22:52 Type: Unk
Method: P4-ICP2(v3058) 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	.04086	-.00621	3.4277	.03904	.01845	246.71	3.6781
Stddev	.00088	.00161	.0075	.00299	.00154	.52	.0032
%RSD	2.1640	25.868	.21967	7.6592	8.3545	.21141	.08792

#1	.04156	-.00806	3.4191	.03808	.02022	246.14	3.6746
#2	.04115	-.00515	3.4305	.04239	.01743	247.16	3.6810
#3	.03987	-.00542	3.4334	.03664	.01769	246.82	3.6786

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02221	.02129	331.34	.46195	.24598	1.2968	297.34
Stddev	.00027	.00019	1.87	.00270	.00117	.0010	2.21
%RSD	1.2111	.88099	.56386	.58346	.47655	.07547	.74277

#1	.02191	.02132	329.56	.45888	.24512	1.2979	297.57
#2	.02232	.02147	331.17	.46304	.24551	1.2960	295.02
#3	.02241	.02110	333.28	.46393	.24732	1.2966	299.42

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.6050	109.95	.66973	-.02041	141.30	.68618	4.5774
Stddev	.0251	.55	.00109	.00060	.11	.00177	.0057
%RSD	.32960	.49878	.16272	2.9540	.07732	.25765	.12543

#1	7.5823	109.58	.66915	-.02028	141.22	.68457	4.5709
#2	7.6008	109.69	.66906	-.02107	141.43	.68591	4.5816
#3	7.6319	110.58	.67099	-.01988	141.26	.68807	4.5797

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	106.68	.02494	.41265	F 257.08	F 83.412	.20820	F 13.704
Stddev	.15	.00033	.03381	.62	.299	.00081	.047
%RSD	.14491	1.3233	8.1932	.24077	.35788	.38771	.34073

#1	106.60	.02472	.41291	256.42	83.153	.20737	13.651
#2	106.86	.02477	.37872	257.65	83.346	.20824	13.728
#3	106.58	.02532	.44633	257.18	83.739	.20898	13.734

Sample Name: K2461-05 Acquired: 4/19/2019 20:22:52 Type: Unk
 Method: P4-ICP2(v3058) 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	.23884	9.986	2.8545	.84178	F<.00000
Stddev	.00109	.041	.0096	.10934	2.0628
%RSD	.45736	.4092	.33653	12.989	1.5261
#1	.23798	9.940	2.8434	.87652	-132.95
#2	.24007	9.998	2.8592	.71929	-137.03
#3	.23847	10.02	2.8608	.92952	-135.54
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4757.7	62652.	7129.5	67.258	3641.4
Stddev	13.0	103.	7.1	1.366	6.8
%RSD	.27384	.16493	.09892	2.0317	.18712
#1	4744.3	62551.	7134.1	67.689	3640.6
#2	4758.4	62649.	7133.0	68.357	3635.0
#3	4770.3	62757.	7121.4	65.728	3648.5

Sample Name: K2461-06 Acquired: 4/19/2019 20:27:25 Type: Unk
Method: P4-ICP2(v3058) 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	.02072	.02228	5.3464	.04977	.08630	42.143	12.101
Stddev	.00311	.00123	.0055	.00182	.00135	.145	.002
%RSD	14.994	5.5044	.10296	3.6541	1.5604	.34450	.01940

#1	.02277	.02086	5.3404	.04820	.08720	42.008	12.102
#2	.02224	.02292	5.3512	.05177	.08475	42.297	12.098
#3	.01715	.02304	5.3477	.04936	.08694	42.123	12.102

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01973	.12067	379.79	.39345	.08093	1.4730	456.54
Stddev	.00013	.00052	2.38	.00107	.00060	.0014	1.17
%RSD	.67864	.43233	.62670	.27308	.74399	.09435	.25724

#1	.01982	.12123	377.39	.39221	.08109	1.4738	456.06
#2	.01979	.12019	379.84	.39406	.08026	1.4714	455.68
#3	.01957	.12060	382.15	.39408	.08143	1.4737	457.87

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.6291	93.576	.40923	-.02974	208.97	.81838	12.271
Stddev	.0041	.766	.00054	.00002	.82	.00063	.013
%RSD	.11284	.81832	.13246	.06599	.39370	.07695	.10539

#1	3.6243	92.695	.40977	-.02975	209.00	.81905	12.286
#2	3.6315	94.083	.40923	-.02972	209.77	.81780	12.262
#3	3.6313	93.951	.40869	-.02974	208.13	.81830	12.265

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	69.016	.02302	1.7011	F 23.726	F 65.314	1.4603	1.6839
Stddev	.149	.00051	.0138	.061	.120	.0024	.0046
%RSD	.21642	2.2051	.81118	.25818	.18394	.16337	.27123

#1	68.865	.02297	1.7165	23.764	65.447	1.4600	1.6787
#2	69.163	.02253	1.6969	23.759	65.280	1.4580	1.6859
#3	69.020	.02355	1.6899	23.655	65.215	1.4628	1.6872

Sample Name: K2461-06 Acquired: 4/19/2019 20:27:25 Type: Unk
Method: P4-ICP2(v3058) 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	.09437	F 15.49	2.3543	2.2407	F<.00000
Stddev	.00152	.03	.0010	.1933	3.5469
%RSD	1.6107	.1933	.04416	8.6253	1.4092
#1	.09459	15.52	2.3544	2.1975	-247.61
#2	.09275	15.50	2.3532	2.0727	-253.69
#3	.09576	15.46	2.3552	2.4519	-253.81
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3914.9	52056.	5882.1	66.334	3630.5
Stddev	12.0	230.	24.4	.309	8.0
%RSD	.30705	.44235	.41521	.46592	.22067
#1	3901.1	51888.	5858.3	66.345	3621.2
#2	3923.2	51963.	5881.0	66.019	3635.1
#3	3920.5	52319.	5907.1	66.637	3635.1

Sample Name: K2461-08 Acquired: 4/19/2019 20:31:45 Type: Unk
Method: P4-ICP2(v3058) 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	.00140	-.00130	.00233	.00243	.00295	-.07522	.78025	-.00004
Stddev	.00135	.00058	.00044	.00198	.00108	.00592	.00369	.00005
%RSD	96.325	44.933	19.106	81.678	36.554	7.8770	.47320	120.16
#1	.00125	-.00184	.00183	.00021	.00234	-.08202	.77985	-.00010
#2	.00013	-.00138	.00249	.00404	.00419	-.07114	.78413	-.00000
#3	.00282	-.00068	.00267	.00303	.00231	-.07250	.77678	-.00003
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	297.05	.00029	.00202	.00375	.18213	.69358	34.633
Stddev	.00006	.19	.00037	.00019	.00044	.00128	.00165	.103
%RSD	242.46	.06359	128.56	9.5586	11.828	.70345	.23797	.29796
#1	.00003	297.04	-.00014	.00186	.00327	.18172	.69376	34.536
#2	-.00004	296.87	.00047	.00224	.00414	.18356	.69514	34.622
#3	.00007	297.25	.00054	.00196	.00384	.18110	.69185	34.742
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02323	-.00104	50.532	.00046	.31409	36.403	.00664	.52458
Stddev	.00026	.00017	.166	.00013	.00041	.089	.00003	.00581
%RSD	1.1120	16.342	.32832	27.940	.13149	.24413	.51358	1.1074
#1	.02330	-.00090	50.482	.00045	.31403	36.325	.00668	.52705
#2	.02344	-.00123	50.717	.00034	.31370	36.500	.00664	.52874
#3	.02294	-.00099	50.396	.00060	.31452	36.384	.00661	.51794
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 20.131	F 21.263	-.00924	-.00653	.04694	.0160	1.2681	8.7107
Stddev	.025	.078	.00089	.00090	.00065	.0014	.0026	.1085
%RSD	.12250	.36731	9.6794	13.806	1.3817	8.487	.20512	1.2458
#1	20.160	21.269	-.00885	-.00646	.04669	.0173	1.2679	8.7483
#2	20.118	21.183	-.01026	-.00567	.04768	.0146	1.2707	8.7954
#3	20.116	21.339	-.00861	-.00747	.04646	.0163	1.2655	8.5884

Sample Name: K2461-08 Acquired: 4/19/2019 20:31:45 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	8.0135
Stddev	3.3029
%RSD	41.216

#1	7.0080
#2	5.3303
#3	11.702

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4163.5	54839.	5954.4	71.368	4223.4
Stddev	11.9	143.	15.8	2.168	2.3
%RSD	.28477	.26005	.26463	3.0378	.05519

#1	4151.9	54769.	5937.4	69.025	4220.9
#2	4163.0	54744.	5968.4	73.303	4223.7
#3	4175.6	55003.	5957.4	71.776	4225.6

Sample Name: K2461-08DUP Acquired: 4/19/2019 20:36:08 Type: Unk
Method: P4-ICP2(v3058) 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	-.00116	-.00091	.00139	-.00066	.00343	-.08062	.79054	-.00004
Stddev	.00074	.00124	.00165	.00303	.00065	.01153	.00209	.00005
%RSD	63.978	136.03	118.68	460.15	19.054	14.299	.26375	109.55
#1	-.00121	.00011	.00185	-.00363	.00408	-.08440	.78821	-.00008
#2	-.00188	-.00230	-.00044	-.00078	.00343	-.08979	.79121	.00001
#3	-.00040	-.00056	.00276	.00243	.00277	-.06768	.79222	-.00006
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	298.68	.00005	.00191	.00383	.18390	.69525	34.842
Stddev	.00004	1.33	.00004	.00010	.00033	.00055	.00031	.134
%RSD	135.14	.44590	72.766	5.4183	8.5996	.29861	.04457	.38600
#1	.00006	297.15	.00008	.00199	.00358	.18441	.69491	34.799
#2	-.00001	299.30	.00006	.00180	.00420	.18397	.69551	34.735
#3	.00004	299.59	.00001	.00195	.00371	.18332	.69533	34.993
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02316	-.00084	51.135	.00071	.31518	36.810	.00688	.54228
Stddev	.00020	.00029	.151	.00009	.00038	.134	.00020	.01382
%RSD	.86135	34.857	.29479	13.246	.12169	.36271	2.8403	2.5488
#1	.02338	-.00098	50.998	.00061	.31474	36.656	.00668	.52636
#2	.02311	-.00103	51.112	.00079	.31537	36.888	.00690	.55125
#3	.02300	-.00050	51.296	.00073	.31543	36.886	.00706	.54923
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 20.161	F 21.312	-.00835	-.00744	.04819	.0166	1.2787	8.7317
Stddev	.034	.058	.00086	.00188	.00150	.0012	.0036	.1316
%RSD	.16783	.27005	10.260	25.307	3.1193	7.230	.28263	1.5068
#1	20.122	21.246	-.00915	-.00897	.04678	.0155	1.2750	8.7699
#2	20.181	21.352	-.00847	-.00800	.04801	.0179	1.2822	8.8399
#3	20.179	21.337	-.00745	-.00534	.04978	.0163	1.2790	8.5852

Sample Name: K2461-08DUP Acquired: 4/19/2019 20:36:08 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	7.5417
Stddev	1.7196
%RSD	22.801

#1	6.6412
#2	9.5245
#3	6.4594

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4145.5	54501.	5939.3	72.935	4215.5
Stddev	4.7	143.	18.7	1.478	5.2
%RSD	.11419	.26149	.31499	2.0263	.12304

#1	4145.0	54338.	5925.7	72.739	4210.9
#2	4141.0	54563.	5931.6	74.501	4214.5
#3	4150.4	54603.	5960.6	71.565	4221.1

Sample Name: K2461-08LX5 Acquired: 4/19/2019 20:40:30 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00063	-.00016	.00033	.00060	-.00034	-.01578	.15947	.00004
Stddev	.00310	.00087	.00015	.00339	.00075	.00794	.00064	.00002
%RSD	490.20	556.17	45.991	561.82	216.45	50.322	.39863	50.063

#1	.00389	.00079	.00037	.00435	-.00078	-.02495	.16005	.00002
#2	.00029	-.00035	.00016	-.00028	.00052	-.01150	.15879	.00006
#3	-.00229	-.00092	.00046	-.00226	-.00077	-.01090	.15957	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	61.891	-.00007	.00048	.00019	.03923	.14749	7.1784
Stddev	.00003	.171	.00013	.00006	.00020	.00066	.00042	.0380
%RSD	57.379	.27603	194.52	12.705	105.15	1.6937	.28757	.52993

#1	-.00002	61.845	.00001	.00042	.00020	.03884	.14712	7.1565
#2	-.00009	62.080	.00000	.00048	.00039	.04000	.14795	7.2224
#3	-.00006	61.748	-.00022	.00054	-.00001	.03885	.14742	7.1565

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00509	-.00050	10.154	-.00015	.06219	7.4400	.00118	.09964
Stddev	.00006	.00033	.025	.00014	.00018	.0400	.00008	.01370
%RSD	1.2589	66.287	.24858	93.651	.28413	.53795	7.1948	13.752

#1	.00502	-.00039	10.179	-.00023	.06235	7.4859	.00122	.10242
#2	.00511	-.00087	10.155	-.00025	.06222	7.4125	.00108	.11174
#3	.00515	-.00023	10.128	.00001	.06200	7.4216	.00124	.08476

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.0762	4.5355	-.00228	-.00070	.00531	.0042	.26353	7.4363
Stddev	.0163	.0214	.00008	.00175	.00088	.0012	.00091	.0388
%RSD	.39868	.47089	3.5337	250.60	16.627	28.51	.34721	.52161

#1	4.0666	4.5221	-.00237	-.00220	.00470	.0032	.26375	7.3934
#2	4.0950	4.5601	-.00224	.00122	.00490	.0039	.26431	7.4688
#3	4.0671	4.5244	-.00223	-.00112	.00632	.0055	.26252	7.4468

Sample Name: K2461-08LX5 Acquired: 4/19/2019 20:40:30 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.4178
Stddev .2536
%RSD 10.488

#1 2.2200
#2 2.7037
#3 2.3298

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4470.1	57833.	6157.1	75.761	4678.4
Stddev	12.4	235.	28.9	1.368	11.8
%RSD	.27817	.40601	.46919	1.8052	.25116

#1	4456.1	57623.	6154.5	76.719	4664.8
#2	4474.6	57791.	6129.5	74.195	4685.3
#3	4479.7	58087.	6187.2	76.369	4684.9

Sample Name: K2461-08MS Acquired: 4/19/2019 20:44:52 Type: Unk
Method: P4-ICP2(v3058) 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	.84909	2.0631	.99609	2.1896	.83854	1.9569	.96929	.21525
Stddev	.00273	.0038	.00212	.0106	.00290	.0070	.00507	.00033
%RSD	.32096	.18550	.21283	.48374	.34592	.35571	.52326	.15340
#1	.84956	2.0597	.99826	2.2005	.84163	1.9548	.96406	.21528
#2	.85156	2.0624	.99597	2.1889	.83588	1.9647	.97419	.21491
#3	.84617	2.0672	.99403	2.1794	.83811	1.9512	.96962	.21556
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19986	286.25	.41429	.21193	.31315	3.3266	.88164	35.113
Stddev	.00045	.93	.00082	.00002	.00061	.0053	.00109	.339
%RSD	.22753	.32464	.19877	.01141	.19628	.15881	.12360	.96500
#1	.20002	286.34	.41377	.21196	.31320	3.3251	.88169	34.721
#2	.19934	285.28	.41386	.21192	.31252	3.3222	.88052	35.316
#3	.20021	287.13	.41524	.21192	.31374	3.3324	.88270	35.301
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.53144	.07500	51.642	.33132	.50911	44.976	.43402	.85793
Stddev	.00109	.00073	.166	.00083	.00067	.137	.00055	.00516
%RSD	.20541	.97784	.32103	.24942	.13258	.30523	.12729	.60122
#1	.53137	.07436	51.452	.33075	.50983	44.879	.43398	.85684
#2	.53038	.07484	51.720	.33094	.50899	45.133	.43348	.86354
#3	.53256	.07580	51.755	.33227	.50850	44.915	.43459	.85340
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 19.323	F 21.335	.72240	.20391	.23627	6.544	1.4281	8.8227
Stddev	.045	.155	.00142	.00128	.00172	.011	.0034	.0858
%RSD	.23251	.72552	.19588	.62768	.72652	.1685	.23575	.97270
#1	19.367	21.471	.72310	.20468	.23781	6.538	1.4292	8.7840
#2	19.325	21.167	.72077	.20461	.23442	6.557	1.4243	8.9210
#3	19.277	21.369	.72334	.20243	.23658	6.538	1.4308	8.7630

Sample Name: K2461-08MS Acquired: 4/19/2019 20:44:52 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	3.9416
Stddev	1.2201
%RSD	30.955

#1	5.1327
#2	2.6944
#3	3.9978

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4190.8	55094.	5941.1	72.056	4227.7
Stddev	7.9	193.	51.1	1.022	5.2
%RSD	.18932	.35075	.85978	1.4180	.12360

#1	4181.8	54892.	5884.6	71.902	4223.9
#2	4193.5	55110.	5984.0	71.120	4233.7
#3	4197.0	55278.	5954.8	73.146	4225.5

Sample Name: K2461-08MSD Acquired: 4/19/2019 20:48:54 Type: Unk
Method: P4-ICP2(v3058) 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	.84733	2.0584	.99290	2.1884	.83715	1.9693	.96849	.21456
Stddev	.00198	.0024	.00171	.0025	.00038	.0087	.00375	.00019
%RSD	.23334	.11636	.17268	.11412	.04517	.43966	.38716	.08660
#1	.84910	2.0561	.99233	2.1884	.83676	1.9699	.96416	.21435
#2	.84520	2.0581	.99155	2.1859	.83718	1.9603	.97080	.21464
#3	.84770	2.0609	.99483	2.1909	.83751	1.9776	.97050	.21469
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19910	284.62	.41447	.21090	.31241	3.3121	.87905	35.091
Stddev	.00022	1.86	.00059	.00070	.00153	.0039	.00046	.314
%RSD	.10955	.65233	.14125	.33424	.48823	.11858	.05268	.89364
#1	.19885	282.73	.41383	.21009	.31066	3.3155	.87867	34.736
#2	.19918	284.69	.41498	.21137	.31318	3.3078	.87956	35.330
#3	.19925	286.44	.41461	.21125	.31340	3.3130	.87891	35.206
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.52928	.07501	51.689	.33153	.50572	45.175	.43414	.84596
Stddev	.00062	.00047	.276	.00101	.00086	.301	.00082	.01983
%RSD	.11742	.63264	.53326	.30604	.16936	.66531	.18917	2.3440
#1	.52863	.07551	51.374	.33269	.50560	44.871	.43327	.82531
#2	.52987	.07495	51.883	.33109	.50663	45.472	.43425	.86486
#3	.52935	.07456	51.811	.33081	.50493	45.183	.43490	.84770
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 19.232	F 21.243	.72061	.20322	.23689	6.520	1.4206	8.4764
Stddev	.040	.067	.00416	.00142	.00090	.008	.0055	.1307
%RSD	.20584	.31638	.57744	.69891	.37847	.1171	.38729	1.5422
#1	19.229	21.276	.72047	.20163	.23649	6.527	1.4145	8.5688
#2	19.273	21.166	.71652	.20369	.23627	6.521	1.4220	8.5336
#3	19.194	21.288	.72484	.20435	.23792	6.512	1.4253	8.3268

Sample Name: K2461-08MSD Acquired: 4/19/2019 20:48:54 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	3.4002
Stddev	2.8422
%RSD	83.587

#1	3.6990
#2	6.0812
#3	.42049

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4193.2	54892.	5957.2	72.606	4240.4
Stddev	7.4	98.	21.8	.475	14.6
%RSD	.17619	.17916	.36512	.65424	.34444

#1	4186.4	54792.	5936.9	72.091	4224.2
#2	4192.2	54895.	5980.1	72.698	4244.2
#3	4201.1	54988.	5954.6	73.028	4252.7

Sample Name: K2461-08A Acquired: 4/19/2019 20:52:57 Type: Unk
Method: P4-ICP2(v3058) 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	.84663	2.0627	.99719	2.1863	.83574	1.9925	.97729	.21579
Stddev	.00185	.0051	.00364	.0016	.00314	.0167	.00392	.00024
%RSD	.21819	.24669	.36496	.07183	.37581	.83904	.40105	.11276
#1	.84588	2.0653	1.0007	2.1845	.83756	1.9883	.97338	.21588
#2	.84528	2.0568	.99343	2.1874	.83212	1.9783	.97727	.21598
#3	.84873	2.0660	.99743	2.1871	.83755	2.0109	.98122	.21552
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19964	287.00	.41654	.21162	.31270	3.3379	.88575	35.483
Stddev	.00037	2.14	.00210	.00013	.00095	.0063	.00128	.175
%RSD	.18350	.74566	.50483	.06249	.30540	.18735	.14400	.49446
#1	.19977	285.08	.41429	.21168	.31365	3.3307	.88433	35.351
#2	.19923	289.31	.41687	.21171	.31272	3.3418	.88680	35.416
#3	.19993	286.62	.41845	.21147	.31174	3.3412	.88611	35.682
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.53107	.07548	52.072	.33269	.50918	45.436	.43419	.86955
Stddev	.00060	.00028	.226	.00147	.00036	.155	.00082	.01124
%RSD	.11372	.36696	.43308	.44119	.07088	.34208	.18834	1.2932
#1	.53175	.07519	51.830	.33235	.50950	45.328	.43435	.86233
#2	.53062	.07551	52.112	.33430	.50879	45.366	.43330	.86382
#3	.53082	.07574	52.275	.33142	.50926	45.614	.43491	.88251
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 19.383	F 21.332	.72417	.20425	.23889	6.540	1.4294	8.7550
Stddev	.048	.161	.00350	.00089	.00057	.022	.0100	.0738
%RSD	.24716	.75465	.48301	.43556	.23938	.3362	.70261	.84276
#1	19.423	21.283	.72641	.20422	.23826	6.566	1.4230	8.7899
#2	19.330	21.511	.72014	.20337	.23936	6.529	1.4410	8.8049
#3	19.396	21.201	.72597	.20515	.23906	6.527	1.4242	8.6703

Sample Name: K2461-08A Acquired: 4/19/2019 20:52:57 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	5.1358
Stddev	2.4475
%RSD	47.654

#1	2.9394
#2	7.7741
#3	4.6941

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4176.4	54472.	5915.6	72.267	4209.7
Stddev	9.0	70.	55.9	.754	7.1
%RSD	.21594	.12784	.94422	1.0434	.16948

#1	4168.0	54455.	5919.9	71.496	4202.0
#2	4175.2	54413.	5857.7	73.002	4211.3
#3	4185.9	54549.	5969.1	72.302	4216.0

Sample Name: K2461-09 Acquired: 4/19/2019 20:56:59 Type: Unk
Method: P4-ICP2(v3058) 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	.01118	-.00035	.00140	.00068	.00186	-.06875	1.2421	.00001
Stddev	.00173	.00081	.00097	.00148	.00137	.00515	.0047	.00002
%RSD	15.473	234.09	69.196	218.92	73.404	7.4854	.37499	235.92
#1	.01021	.00048	.00104	-.00103	.00335	-.06748	1.2371	-.00001
#2	.01318	-.00037	.00066	.00137	.00066	-.07442	1.2464	.00002
#3	.01015	-.00115	.00249	.00169	.00157	-.06436	1.2428	.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	285.47	.00021	.00481	.00125	2.9017	.77857	49.374
Stddev	.00004	.71	.00022	.00013	.00021	.0056	.00054	.465
%RSD	56.348	.24851	106.10	2.6375	16.552	.19347	.06934	.94243
#1	-.00006	285.11	.00045	.00470	.00148	2.8957	.77813	48.937
#2	-.00004	285.00	.00003	.00479	.00119	2.9023	.77918	49.322
#3	-.00011	286.28	.00013	.00495	.00107	2.9069	.77841	49.863
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02927	-.00122	142.65	.00161	.03511	56.504	.01026	1.3237
Stddev	.00037	.00060	.34	.00020	.00006	.261	.00021	.0197
%RSD	1.2542	48.944	.23974	12.538	.17059	.46233	2.0845	1.4895
#1	.02885	-.00192	142.26	.00179	.03508	56.259	.01040	1.3129
#2	.02943	-.00084	142.83	.00166	.03518	56.475	.01001	1.3465
#3	.02954	-.00092	142.86	.00139	.03507	56.779	.01036	1.3118
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 53.365	F 21.709	-.02069	-.00747	.13104	.0346	1.3897	8.6624
Stddev	.124	.052	.00063	.00093	.00182	.0004	.0014	.2901
%RSD	.23144	.23907	3.0667	12.491	1.3919	1.029	.10115	3.3490
#1	53.475	21.709	-.02132	-.00854	.12916	.0349	1.3890	8.8043
#2	53.232	21.657	-.02071	-.00684	.13115	.0342	1.3887	8.8543
#3	53.387	21.761	-.02005	-.00703	.13281	.0347	1.3913	8.3287

Sample Name: K2461-09 Acquired: 4/19/2019 20:56:59 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	13.180
Stddev	2.055
%RSD	15.595

#1	12.718
#2	15.427
#3	11.394

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4094.6	53482.	5928.6	71.842	4118.4
Stddev	17.5	173.	33.4	1.780	14.6
%RSD	.42852	.32281	.56379	2.4781	.35531

#1	4081.4	53284.	5890.1	69.786	4104.0
#2	4088.0	53596.	5945.1	72.839	4117.8
#3	4114.5	53567.	5950.5	72.900	4133.3

Sample Name: K2461-10 Acquired: 4/19/2019 21:01:21 Type: Unk
Method: P4-ICP2(v3058) 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	-.00423	.00153	-.00200	.01156	-.00003	-.10797	.95351	.00152
Stddev	.00156	.00086	.00051	.00403	.00061	.02090	.00277	.00008
%RSD	37.004	56.219	25.376	34.807	2058.1	19.361	.29067	5.4138
#1	-.00536	.00252	-.00258	.00717	-.00074	-.09138	.95442	.00142
#2	-.00244	.00091	-.00171	.01246	.00035	-.10109	.95572	.00158
#3	-.00487	.00117	-.00170	.01507	.00030	-.13145	.95040	.00155
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00163	361.05	-.00573	.00472	.00689	56.558	.72574	117.98
Stddev	.00009	.89	.00049	.00022	.00031	.185	.00053	.71
%RSD	5.2492	.24589	8.5744	4.6987	4.5450	.32704	.07339	.60071
#1	-.00154	360.03	-.00609	.00490	.00725	56.345	.72581	117.21
#2	-.00166	361.68	-.00517	.00447	.00674	56.661	.72624	118.12
#3	-.00171	361.43	-.00594	.00480	.00668	56.669	.72518	118.61
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00273	-.00349	101.47	.00188	.03010	71.393	.00106	1.9563
Stddev	.00041	.00034	.19	.00045	.00024	.060	.00004	.0208
%RSD	14.890	9.8018	.18247	23.907	.80791	.08467	3.6371	1.0627
#1	.00226	-.00372	101.38	.00189	.03038	71.331	.00109	1.9650
#2	.00297	-.00310	101.69	.00142	.02995	71.396	.00108	1.9326
#3	.00297	-.00365	101.35	.00232	.02998	71.452	.00102	1.9714
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0419	F 28.320	-.00032	-.00913	.06541	.0200	1.9947	8.2272
Stddev	.0148	.083	.00031	.00079	.00256	.0007	.0016	.1621
%RSD	.72385	.29164	94.506	8.6899	3.9110	3.534	.07931	1.9702
#1	2.0585	28.270	-.00018	-.00983	.06489	.0208	1.9937	8.2883
#2	2.0302	28.274	-.00011	-.00827	.06315	.0200	1.9965	8.3498
#3	2.0371	28.415	-.00067	-.00929	.06819	.0193	1.9938	8.0434

Sample Name: K2461-10 Acquired: 4/19/2019 21:01:21 Type: Unk
 Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	7.8641
Stddev	2.9997
%RSD	38.145

#1	4.8882
#2	10.887
#3	7.8168

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4049.2	53331.	5948.6	69.562	3979.4
Stddev	18.4	200.	26.1	1.441	15.9
%RSD	.45342	.37533	.43937	2.0713	.40055

#1	4036.6	53103.	5921.5	69.231	3961.5
#2	4040.8	53479.	5973.7	68.315	3984.7
#3	4070.3	53411.	5950.7	71.140	3992.1

Sample Name: CCV10 Acquired: 4/19/2019 21:05:53 Type: Unk
Method: P4-ICP2(v3058) 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	5.1811	5.2584	5.0259	5.3212	5.1020	9.5810	10.490	.25824
Stddev	.0206	.0070	.0055	.0180	.0086	.0239	.042	.00122
%RSD	.39834	.13399	.10867	.33760	.16910	.24956	.40219	.47426
#1	5.1953	5.2503	5.0209	5.3176	5.1018	9.6084	10.525	.25953
#2	5.1574	5.2630	5.0251	5.3053	5.0936	9.5643	10.501	.25809
#3	5.1904	5.2618	5.0317	5.3407	5.1108	9.5704	10.443	.25710
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4887	25.336	.99383	2.5493	1.2599	5.0997	2.6130	25.464
Stddev	.0032	.021	.00238	.0021	.0050	.0019	.0035	.049
%RSD	.13034	.08376	.23996	.08348	.39401	.03664	.13233	.19403
#1	2.4874	25.343	.99564	2.5503	1.2608	5.1019	2.6095	25.424
#2	2.4863	25.312	.99112	2.5468	1.2546	5.0990	2.6132	25.449
#3	2.4924	25.353	.99472	2.5507	1.2644	5.0983	2.6164	25.519
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4969	1.2765	25.575	2.5704	2.5593	23.713	5.0700	5.2732
Stddev	.0046	.0023	.087	.0024	.0011	.072	.0118	.0545
%RSD	.18599	.18213	.34063	.09488	.04306	.30508	.23226	1.0342
#1	2.4974	1.2766	25.638	2.5676	2.5586	23.790	5.0752	5.2212
#2	2.4920	1.2788	25.612	2.5717	2.5588	23.703	5.0565	5.2684
#3	2.5013	1.2742	25.476	2.5719	2.5606	23.646	5.0783	5.3300
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.4177	5.0789	5.1211	5.0251	4.5398	5.360	5.0709	F 7.4627
Stddev	.0176	.0199	.0087	.0069	.0129	.010	.0075	.1492
%RSD	.32542	.39266	.17031	.13811	.28305	.1782	.14848	1.9994
#1	5.3973	5.0566	5.1162	5.0284	4.5547	5.357	5.0764	7.4781
#2	5.4274	5.0949	5.1160	5.0171	4.5320	5.371	5.0739	7.3064
#3	5.4283	5.0853	5.1312	5.0298	4.5328	5.353	5.0623	7.6036

Sample Name: CCV10 Acquired: 4/19/2019 21:05:53 Type: Unk
 Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 2.2503
 Stddev 1.7888
 %RSD 79.493

#1 2.5034
 #2 .34838
 #3 3.8990

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4458.1	57589.	6148.3	75.019	4488.9
Stddev	10.0	126.	.7	1.020	3.0
%RSD	.22396	.21848	.01202	1.3598	.06655

#1	4456.0	57499.	6148.4	75.049	4491.5
#2	4469.0	57534.	6149.0	76.023	4489.5
#3	4449.3	57733.	6147.5	73.984	4485.6

Sample Name: CCB10 Acquired: 4/19/2019 21:09:52 Type: Unk
Method: P4-ICP2(v3058) 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	-.00130	-.00091	-.00038	-.00062	-.00046	-.02505	.00184
Stddev	.00043	.00064	.00083	.00071	.00087	.00187	.00043
%RSD	32.962	69.459	216.11	114.39	190.18	7.4553	23.388

#1	-.00172	-.00030	.00024	-.00106	-.00035	-.02314	.00208
#2	-.00131	-.00157	-.00007	.00020	-.00138	-.02687	.00208
#3	-.00087	-.00087	-.00132	-.00100	.00035	-.02514	.00134

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.00003	.00111	.00015	.00022	-.00036	.00033
Stddev	.00005	.00002	.00462	.00023	.00009	.00027	.00037
%RSD	558.87	74.902	416.48	153.12	42.422	75.546	110.57

#1	.00000	.00001	-.00282	-.00011	.00027	-.00009	-.00009
#2	.00007	.00006	.00620	.00029	.00011	-.00063	.00055
#3	-.00004	.00003	-.00005	.00026	.00028	-.00035	.00054

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	.01288	.00090	-.00059	-.10358	-.00017	-.00031
Stddev	.00002	.03457	.00047	.00030	.00185	.00014	.00013
%RSD	10922.	268.33	51.996	49.896	1.7846	80.000	42.203

#1	.00001	-.00294	.00097	-.00059	-.10491	-.00012	-.00032
#2	-.00002	.05253	.00132	-.00089	-.10436	-.00007	-.00018
#3	.00001	-.01094	.00040	-.00030	-.10147	-.00032	-.00044

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10351	.00023	.00652	F .05952	.00305	-.00187	.00021
Stddev	.02166	.00008	.00499	.00108	.00154	.00073	.00120
%RSD	20.922	34.429	76.593	1.8136	50.363	38.916	561.87

#1	.08300	.00019	.01020	.06048	.00477	-.00259	.00075
#2	.10138	.00018	.00084	.05972	.00258	-.00114	-.00116
#3	.12616	.00033	.00851	.05835	.00181	-.00188	.00105

Sample Name: CCB10 Acquired: 4/19/2019 21:09:52 Type: Unk
 Method: P4-ICP2(v3058) 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	-.00388	.0001	.00008	F 6.3828	F<.00000
Stddev	.00011	.0017	.00006	.1375	.51853
%RSD	2.7327	2147.	73.876	2.1542	213.61

#1	-.00396	-.0013	.00005	6.4879	-.72248
#2	-.00390	.0020	.00004	6.4334	.30739
#3	-.00376	-.0005	.00014	6.2272	-.31315

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4633.0	60231.	6177.2	77.630	5076.6
Stddev	10.7	253.	23.7	1.073	7.9
%RSD	.23034	.41945	.38329	1.3815	.15540

#1	4624.1	59992.	6157.9	76.427	5067.5
#2	4630.1	60495.	6170.1	78.486	5082.2
#3	4644.8	60207.	6203.6	77.977	5080.0

Sample Name: K2461-11 Acquired: 4/19/2019 21:14:21 Type: Unk
Method: P4-ICP2(v3058) 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	.00583	-.00164	.00035	.00043	-.00065	-.01232	.06558	-.00006
Stddev	.00379	.00110	.00100	.00038	.00080	.00151	.00037	.00004
%RSD	65.052	67.135	284.28	87.565	124.58	12.293	.56113	64.885
#1	.00953	-.00194	.00002	.00078	.00005	-.01092	.06538	-.00008
#2	.00195	-.00255	.00148	.00003	-.00153	-.01212	.06534	-.00008
#3	.00600	-.00042	-.00045	.00049	-.00045	-.01392	.06600	-.00001
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	131.62	.00029	.00032	.01576	.02461	.27584	12.665
Stddev	.00004	1.19	.00051	.00017	.00036	.00085	.00097	.024
%RSD	86.492	.90291	178.42	53.063	2.2792	3.4605	.35306	.19070
#1	-.00008	130.32	.00068	.00033	.01590	.02520	.27485	12.652
#2	-.00001	132.65	-.00029	.00014	.01535	.02363	.27589	12.693
#3	-.00004	131.89	.00048	.00048	.01602	.02499	.27679	12.650
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00316	-.00108	11.956	.01258	.02685	14.520	.01131	.11805
Stddev	.00023	.00030	.024	.00013	.00010	.054	.00002	.01012
%RSD	7.4174	27.559	.20311	1.0197	.36854	.37039	.14854	8.5751
#1	.00332	-.00142	11.929	.01268	.02676	14.544	.01130	.12537
#2	.00327	-.00087	11.975	.01263	.02695	14.458	.01129	.12227
#3	.00289	-.00095	11.964	.01244	.02683	14.557	.01132	.10650
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6824	F 16.966	-.00277	-.00309	.00263	.2613	.68596	7.4142
Stddev	.0063	.131	.00068	.00162	.00206	.0023	.00445	.1131
%RSD	.13380	.77387	24.387	52.239	78.379	.8958	.64881	1.5248
#1	4.6835	16.848	-.00300	-.00194	.00051	.2637	.68111	7.3239
#2	4.6880	17.107	-.00201	-.00494	.00464	.2612	.68987	7.3777
#3	4.6756	16.943	-.00331	-.00239	.00275	.2591	.68689	7.5410

Sample Name: K2461-11 Acquired: 4/19/2019 21:14:21 Type: Unk
 Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.7592
Stddev	.5801
%RSD	32.975

#1	2.1036
#2	2.0847
#3	1.0895

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4363.6	57069.	6095.9	73.401	4560.3
Stddev	18.9	226.	33.5	.481	24.7
%RSD	.43325	.39679	.54924	.65550	.54243

#1	4343.1	56838.	6117.6	73.005	4538.5
#2	4367.5	57077.	6057.3	73.936	4555.3
#3	4380.3	57291.	6112.8	73.261	4587.2

Sample Name: K2461-12 Acquired: 4/19/2019 21:18:46 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00531	-.00042	.00085	.00134	-.00003	.00434	.09332	-.00003
Stddev	.00175	.00210	.00036	.00173	.00126	.01233	.00136	.00001
%RSD	32.898	494.51	42.655	129.06	5009.7	284.32	1.4530	37.594
#1	.00354	-.00284	.00097	.00279	-.00104	.00591	.09176	-.00002
#2	.00537	.00060	.00113	-.00057	-.00042	.01580	.09399	-.00003
#3	.00703	.00096	.00044	.00181	.00138	-.00871	.09422	-.00004
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	194.17	-.00022	.00052	.00210	.01317	.01140	3.1155
Stddev	.00003	.43	.00010	.00013	.00022	.00023	.00005	.0506
%RSD	48.530	.22114	45.816	25.332	10.647	1.7166	.43529	1.6237
#1	-.00010	193.69	-.00011	.00040	.00219	.01302	.01144	3.0590
#2	-.00005	194.31	-.00025	.00066	.00185	.01307	.01134	3.1310
#3	-.00005	194.52	-.00031	.00049	.00227	.01343	.01141	3.1566
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01036	-.00129	160.99	.04001	.02333	65.001	.02691	.32897
Stddev	.00006	.00022	1.15	.00036	.00012	.113	.00024	.00638
%RSD	.54333	17.039	.71233	.90376	.51074	.17416	.87334	1.9383
#1	.01042	-.00104	159.86	.03961	.02327	64.909	.02691	.33059
#2	.01032	-.00135	160.96	.04014	.02325	64.966	.02715	.32194
#3	.01034	-.00147	162.15	.04030	.02347	65.127	.02668	.33439
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 229.59	F 13.183	-.08786	-.00382	.00667	.1200	2.4093	7.9320
Stddev	.49	.100	.00024	.00131	.00107	.0011	.0063	.1467
%RSD	.21336	.75636	.27780	34.424	15.992	.8942	.26188	1.8500
#1	229.07	13.295	-.08809	-.00526	.00557	.1188	2.4153	7.9918
#2	230.05	13.151	-.08761	-.00349	.00674	.1204	2.4027	8.0393
#3	229.64	13.104	-.08789	-.00269	.00770	.1209	2.4099	7.7647

Sample Name: K2461-12 Acquired: 4/19/2019 21:18:46 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	11.433
Stddev	3.071
%RSD	26.864

#1	13.535
#2	12.855
#3	7.9082

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4195.1	54809.	6005.8	73.040	4233.5
Stddev	6.0	102.	54.5	.542	7.1
%RSD	.14338	.18590	.90785	.74233	.16804

#1	4192.5	54739.	5949.0	72.435	4233.8
#2	4190.9	54763.	6010.7	73.202	4226.3
#3	4202.0	54926.	6057.7	73.483	4240.5

Sample Name: K2461-13 Acquired: 4/19/2019 21:23:11 Type: Unk
Method: P4-ICP2(v3058) 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	-.00193	-.00140	-.00005	.00494	.00033	-.06757	3.7783	.00009
Stddev	.00173	.00196	.00120	.00133	.00061	.01289	.0057	.00007
%RSD	89.769	140.43	2247.7	26.997	184.84	19.068	.15167	74.015
#1	.00000	-.00020	-.00128	.00478	.00042	-.05890	3.7718	.00013
#2	-.00334	-.00366	.00000	.00370	.00088	-.08238	3.7809	.00014
#3	-.00246	-.00033	.00112	.00635	-.00032	-.06144	3.7824	.00001
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00019	283.37	.00024	.00269	.00101	5.9291	.48083	69.428
Stddev	.00005	2.46	.00012	.00021	.00024	.0119	.00066	.478
%RSD	24.681	.86785	49.030	7.8524	23.566	.20128	.13656	.68835
#1	-.00024	281.07	.00037	.00247	.00126	5.9154	.48013	69.158
#2	-.00017	285.96	.00013	.00289	.00099	5.9370	.48144	69.146
#3	-.00015	283.06	.00023	.00271	.00078	5.9349	.48092	69.979
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01035	-.00083	180.13	.00169	.02553	54.200	.00133	1.0864
Stddev	.00029	.00024	.38	.00044	.00013	.074	.00020	.0139
%RSD	2.7748	28.622	.21145	26.352	.50584	.13635	15.057	1.2808
#1	.01062	-.00108	179.69	.00196	.02549	54.136	.00154	1.0788
#2	.01038	-.00061	180.30	.00117	.02542	54.182	.00129	1.0779
#3	.01005	-.00080	180.40	.00192	.02567	54.281	.00115	1.1024
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4663	F 32.325	-.00148	-.00789	.04956	.0194	2.1267	8.5925
Stddev	.0013	.265	.00051	.00059	.00102	.0013	.0137	.0551
%RSD	.05165	.81957	34.463	7.5033	2.0489	6.557	.64518	.64129
#1	2.4657	32.196	-.00150	-.00831	.04986	.0179	2.1199	8.5744
#2	2.4655	32.629	-.00097	-.00815	.04843	.0200	2.1425	8.6544
#3	2.4678	32.149	-.00199	-.00722	.05040	.0203	2.1177	8.5487

Sample Name: K2461-13 Acquired: 4/19/2019 21:23:11 Type: Unk
 Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	14.228
Stddev	2.615
%RSD	18.378

#1	11.965
#2	13.628
#3	17.090

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4102.5	54058.	5965.1	72.289	4089.8
Stddev	7.4	34.	44.5	.920	4.1
%RSD	.17997	.06379	.74679	1.2721	.09930

#1	4096.1	54048.	5978.3	71.258	4091.8
#2	4100.8	54030.	5915.4	72.588	4085.1
#3	4110.6	54097.	6001.6	73.023	4092.5

Sample Name: K2482-01 Acquired: 4/19/2019 21:27:35 Type: Unk
Method: P4-ICP2(v3058) 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	.34308	.01514	.68894	.01876	.02731	368.45	1.1833
Stddev	.00208	.00093	.00142	.00234	.00273	1.55	.0048
%RSD	.60552	6.1576	.20642	12.464	10.016	.42106	.40433

#1	.34366	.01621	.68887	.01803	.02582	367.03	1.1777
#2	.34078	.01450	.69040	.02137	.03046	368.21	1.1862
#3	.34481	.01471	.68755	.01687	.02564	370.10	1.1859

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04586	.05938	163.56	.93260	.19546	.32882	430.78
Stddev	.00018	.00031	.46	.00009	.00048	.00010	2.02
%RSD	.39009	.52797	.28424	.01000	.24572	.03069	.46962

#1	.04583	.05903	163.02	.93256	.19542	.32876	433.05
#2	.04569	.05949	163.87	.93253	.19500	.32894	430.14
#3	.04605	.05963	163.77	.93270	.19596	.32876	429.16

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.1289	58.271	.36159	-.07632	113.57	1.2852	2.2210
Stddev	.0007	.284	.00097	.00061	.45	.0029	.0026
%RSD	.02154	.48772	.26864	.80308	.39335	.22222	.11582

#1	3.1286	57.996	.36252	-.07569	113.06	1.2874	2.2236
#2	3.1284	58.252	.36168	-.07636	113.78	1.2863	2.2209
#3	3.1296	58.564	.36058	-.07691	113.87	1.2820	2.2184

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	66.051	.02242	5.0386	F 46.408	F 77.154	.02526	2.6080
Stddev	.217	.00037	.0229	.079	.096	.00134	.0078
%RSD	.32828	1.6454	.45494	.17045	.12402	5.3048	.30042

#1	65.830	.02249	5.0181	46.497	77.263	.02678	2.6031
#2	66.058	.02203	5.0634	46.382	77.084	.02475	2.6039
#3	66.264	.02276	5.0343	46.345	77.114	.02425	2.6171

Sample Name: K2482-01 Acquired: 4/19/2019 21:27:35 Type: Unk
Method: P4-ICP2(v3058) 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	.20790	F 20.15	.51991	<.00000	F<.00000
Stddev	.00043	.05	.00534	.29427	1.1126
%RSD	.20835	.2528	1.0263	3.3857	.20192
#1	.20830	20.21	.51375	-8.3521	-552.25
#2	.20744	20.15	.52297	-8.8470	-550.08
#3	.20795	20.10	.52301	-8.8755	-550.73
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5601.2	73274.	8298.8	65.471	3562.4
Stddev	17.3	295.	44.3	1.431	4.9
%RSD	.30869	.40266	.53387	2.1862	.13816
#1	5584.7	72950.	8250.9	63.881	3558.4
#2	5599.8	73347.	8307.1	66.658	3560.8
#3	5619.2	73526.	8338.3	65.873	3567.9

Sample Name: K2446-01 Acquired: 4/19/2019 21:32:08 Type: Unk
Method: P4-ICP2(v3058) 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	.00085	-.00045	.00939	.00336	.01355	1.9074	.01647	.00009
Stddev	.00078	.00058	.00103	.00025	.00125	.0030	.00036	.00007
%RSD	92.713	128.12	11.023	7.5384	9.2463	.15876	2.1849	82.503
#1	.00107	-.00026	.00819	.00307	.01289	1.9109	.01605	.00001
#2	.00149	.00000	.00997	.00347	.01277	1.9055	.01671	.00016
#3	-.00003	-.00110	.01000	.00354	.01500	1.9057	.01665	.00010
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00107	2.5885	.01296	.00151	.14233	4.3301	.02557	.56758
Stddev	.00006	.0153	.00010	.00016	.00041	.0100	.00008	.04314
%RSD	6.0053	.59107	.79893	10.545	.29065	.23031	.31903	7.6013
#1	.00113	2.5816	.01284	.00169	.14206	4.3416	.02548	.56433
#2	.00100	2.6060	.01304	.00139	.14281	4.3240	.02563	.52615
#3	.00108	2.5779	.01298	.00145	.14214	4.3246	.02560	.61226
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01005	-.00069	678.42	.00492	.24132	10.043	.01794	.15045
Stddev	.00022	.00020	4.11	.00011	.00024	.076	.00029	.01360
%RSD	2.1485	28.291	.60646	2.2852	.09752	.75717	1.6096	9.0380
#1	.00988	-.00067	682.22	.00505	.24107	9.9617	.01763	.15333
#2	.00998	-.00089	678.98	.00489	.24135	10.054	.01801	.16238
#3	.01030	-.00050	674.05	.00483	.24154	10.113	.01820	.13565
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 178.57	9.2784	-.05789	.01361	.01226	3.645	.00713	7.7409
Stddev	.29	.0346	.00085	.00058	.00030	.012	.00007	.1160
%RSD	.16330	.37303	1.4653	4.2956	2.4430	.3315	.95470	1.4990
#1	178.30	9.2991	-.05831	.01419	.01260	3.634	.00718	7.6258
#2	178.54	9.2385	-.05692	.01361	.01207	3.643	.00706	7.7390
#3	178.88	9.2977	-.05845	.01302	.01210	3.658	.00717	7.8579

Sample Name: K2446-01 Acquired: 4/19/2019 21:32:08 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	22.415
Stddev	2.190
%RSD	9.7714

#1	19.981
#2	24.227
#3	23.038

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4293.8	55367.	6352.9	76.835	4185.6
Stddev	25.4	150.	26.9	.884	17.4
%RSD	.59108	.27143	.42362	1.1510	.41638

#1	4323.1	55512.	6375.1	76.034	4204.6
#2	4280.0	55378.	6360.5	77.784	4181.9
#3	4278.3	55212.	6323.0	76.686	4170.4

Sample Name: K2446-01DUP Acquired: 4/19/2019 21:36:38 Type: Unk
Method: P4-ICP2(v3058) 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	.00117	-.00054	.00934	.00242	.01418	1.8992	.01664	.00010
Stddev	.00162	.00063	.00057	.00296	.00208	.0185	.00039	.00005
%RSD	139.30	117.16	6.1574	122.44	14.685	.97202	2.3497	50.038
#1	-.00037	-.00008	.00952	.00347	.01435	1.8786	.01695	.00016
#2	.00287	-.00028	.00869	-.00092	.01618	1.9051	.01677	.00006
#3	.00100	-.00126	.00980	.00471	.01202	1.9140	.01620	.00009
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00104	2.5415	.01254	.00154	.14056	4.2489	.02575	.57345
Stddev	.00006	.0285	.00028	.00021	.00063	.0010	.00032	.04242
%RSD	5.2982	1.1217	2.2454	13.422	.45095	.02378	1.2349	7.3974
#1	.00098	2.5107	.01252	.00137	.13994	4.2498	.02610	.57242
#2	.00108	2.5468	.01227	.00177	.14053	4.2478	.02565	.53156
#3	.00107	2.5670	.01283	.00150	.14121	4.2491	.02549	.61638
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00957	-.00078	665.71	.00489	.23399	9.8836	.01779	.15511
Stddev	.00034	.00038	3.92	.00015	.00004	.0937	.00018	.01310
%RSD	3.5952	48.556	.58872	2.9745	.01818	.94847	1.0257	8.4486
#1	.00933	-.00110	670.22	.00477	.23395	9.7769	.01790	.16042
#2	.00997	-.00036	663.18	.00485	.23404	9.9211	.01758	.16473
#3	.00942	-.00088	663.73	.00505	.23398	9.9527	.01788	.14019
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 177.03	9.0947	-.05810	.01526	.01282	3.607	.00731	8.1373
Stddev	.25	.0261	.00059	.00170	.00196	.015	.00012	.0604
%RSD	.13937	.28649	1.0171	11.151	15.273	.4170	1.6140	.74276
#1	177.21	9.0755	-.05785	.01397	.01179	3.615	.00721	8.2070
#2	176.75	9.1243	-.05767	.01719	.01158	3.590	.00744	8.0998
#3	177.14	9.0841	-.05877	.01462	.01507	3.617	.00728	8.1051

Sample Name: K2446-01DUP Acquired: 4/19/2019 21:36:38 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 16.239
Stddev .765
%RSD 4.7101

#1 16.636
#2 16.723
#3 15.357

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4178.6	54169.	6245.8	75.467	4094.5
Stddev	9.0	73.	8.7	.332	13.1
%RSD	.21480	.13551	.14002	.43977	.31984

#1	4183.4	54156.	6253.0	75.295	4093.2
#2	4168.2	54248.	6236.0	75.257	4082.2
#3	4184.1	54103.	6248.4	75.850	4108.2

Sample Name: K2446-01LX5 Acquired: 4/19/2019 21:41:08 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00123	-.00101	.00156	-.00110	.00259	.35311	.00429	-.00001
Stddev	.00173	.00077	.00098	.00275	.00085	.00479	.00039	.00002
%RSD	139.93	75.944	63.256	249.07	32.643	1.3579	8.9763	127.09
#1	-.00038	-.00028	.00121	-.00315	.00340	.35421	.00456	-.00002
#2	-.00322	-.00181	.00267	.00202	.00266	.35725	.00446	-.00002
#3	-.00010	-.00094	.00079	-.00219	.00172	.34786	.00385	.00001
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00023	.52638	.00282	.00030	.03004	.89238	.00533	.09491
Stddev	.00002	.01730	.00011	.00006	.00014	.00111	.00005	.04062
%RSD	7.1219	3.2861	3.9530	20.754	.46445	.12488	.94117	42.796
#1	.00025	.50648	.00274	.00026	.03014	.89176	.00529	.13853
#2	.00023	.53786	.00278	.00026	.02988	.89171	.00531	.05817
#3	.00021	.53479	.00295	.00037	.03010	.89366	.00538	.08803
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00237	-.00086	137.35	.00072	.04535	2.1437	.00375	.03234
Stddev	.00037	.00085	.26	.00026	.00018	.0505	.00024	.02110
%RSD	15.719	98.658	.18952	36.541	.39200	2.3567	6.3006	65.245
#1	.00254	.00008	137.62	.00097	.04550	2.0897	.00396	.02487
#2	.00194	-.00109	137.33	.00045	.04540	2.1515	.00349	.05617
#3	.00262	-.00157	137.10	.00074	.04515	2.1898	.00381	.01600
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 34.423	1.9756	-.01235	.00424	.00010	.6987	.00157	7.2986
Stddev	.046	.0114	.00019	.00053	.00203	.0014	.00005	.0510
%RSD	.13484	.57890	1.5755	12.415	1984.4	.1992	3.3297	.69850
#1	34.476	1.9832	-.01223	.00405	-.00195	.7000	.00155	7.3482
#2	34.405	1.9625	-.01258	.00483	.00014	.6972	.00163	7.3013
#3	34.388	1.9812	-.01225	.00383	.00211	.6989	.00154	7.2463

Sample Name: K2446-01LX5 Acquired: 4/19/2019 21:41:08 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	6.2869
Stddev	1.6192
%RSD	25.756

#1	4.7831
#2	6.0767
#3	8.0010

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4353.5	56383.	6182.6	73.852	4458.9
Stddev	23.3	228.	46.0	.610	18.1
%RSD	.53466	.40424	.74353	.82574	.40641

#1	4327.8	56120.	6149.1	73.466	4444.0
#2	4359.6	56517.	6235.0	74.555	4453.7
#3	4373.1	56512.	6163.7	73.535	4479.1

Sample Name: K2446-01MS Acquired: 4/19/2019 21:45:34 Type: Unk
Method: P4-ICP2(v3058) 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	.79568	1.8695	.93812	2.0973	.77236	3.7135	.22567	.20064
Stddev	.00249	.0020	.00264	.0057	.00197	.0114	.00065	.00019
%RSD	.31322	.10464	.28121	.27175	.25569	.30743	.28872	.09352
#1	.79843	1.8708	.93720	2.1029	.77459	3.7006	.22509	.20050
#2	.79502	1.8704	.93606	2.0974	.77166	3.7176	.22554	.20055
#3	.79358	1.8672	.94109	2.0915	.77083	3.7222	.22638	.20085
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19020	3.3387	.38521	.19901	.41982	6.9010	.21905	2.5699
Stddev	.00025	.0132	.00042	.00045	.00045	.0199	.00041	.0138
%RSD	.13251	.39597	.11024	.22540	.10704	.28884	.18742	.53778
#1	.18991	3.3234	.38550	.19849	.42034	6.9123	.21940	2.5691
#2	.19035	3.3471	.38540	.19925	.41960	6.8780	.21860	2.5565
#3	.19033	3.3455	.38472	.19928	.41953	6.9128	.21916	2.5841
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49221	.07049	648.27	.30075	.40965	18.898	.38977	.45529
Stddev	.00063	.00010	1.53	.00103	.00061	.039	.00042	.01051
%RSD	.12869	.14816	.23611	.34374	.14946	.20415	.10658	2.3082
#1	.49175	.07038	650.00	.30192	.40931	18.930	.38967	.44459
#2	.49293	.07059	647.07	.29994	.40929	18.909	.39022	.46560
#3	.49194	.07051	647.75	.30041	.41036	18.855	.38941	.45568
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 169.18	9.4942	.61593	.19968	.18182	9.747	.18935	8.2458
Stddev	.22	.0132	.00260	.00282	.00122	.006	.00100	.0347
%RSD	.13061	.13921	.42192	1.4114	.67211	.0669	.52575	.42130
#1	168.93	9.4944	.61297	.19916	.18042	9.741	.18822	8.2104
#2	169.24	9.4808	.61781	.19716	.18243	9.754	.18976	8.2799
#3	169.36	9.5073	.61703	.20272	.18262	9.746	.19007	8.2471

Sample Name: K2446-01MS Acquired: 4/19/2019 21:45:34 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	16.549
Stddev	1.048
%RSD	6.3312

#1	15.359
#2	17.332
#3	16.957

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4197.8	54210.	6206.2	74.894	4108.3
Stddev	8.8	21.	8.4	1.182	14.4
%RSD	.20909	.03797	.13538	1.5787	.35039

#1	4202.2	54200.	6215.8	73.786	4122.1
#2	4203.4	54196.	6199.9	76.139	4109.4
#3	4187.7	54233.	6202.9	74.756	4093.3

Sample Name: K2446-01MSD Acquired: 4/19/2019 21:49:48 Type: Unk
Method: P4-ICP2(v3058) 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	.79507	1.8783	.94047	2.1085	.77575	3.7222	.22722	.19947
Stddev	.00364	.0053	.00406	.0042	.00489	.0235	.00115	.00032
%RSD	.45764	.27988	.43123	.19833	.62989	.63100	.50667	.16283
#1	.79910	1.8826	.94361	2.1037	.77767	3.6970	.22736	.19982
#2	.79406	1.8725	.93589	2.1112	.77019	3.7261	.22600	.19942
#3	.79203	1.8799	.94190	2.1107	.77938	3.7434	.22829	.19917
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19054	3.3447	.38713	.19882	.42141	6.9060	.21866	2.6057
Stddev	.00062	.0158	.00063	.00020	.00261	.0058	.00027	.0215
%RSD	.32738	.47282	.16185	.10242	.61961	.08344	.12529	.82530
#1	.19074	3.3265	.38741	.19858	.42388	6.9117	.21879	2.6155
#2	.18984	3.3545	.38641	.19894	.41867	6.9062	.21885	2.5811
#3	.19104	3.3532	.38756	.19892	.42168	6.9002	.21835	2.6206
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49271	.07047	641.25	.30162	.41033	19.014	.39179	.46449
Stddev	.00115	.00036	2.02	.00054	.00019	.102	.00128	.01040
%RSD	.23251	.51755	.31426	.17767	.04559	.53890	.32714	2.2396
#1	.49339	.07088	639.53	.30115	.41013	18.992	.39281	.45396
#2	.49139	.07030	643.47	.30221	.41050	19.125	.39035	.46476
#3	.49336	.07021	640.75	.30150	.41036	18.924	.39220	.47476
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 169.81	9.4805	.61642	.20164	.18136	9.801	.18952	8.0657
Stddev	.03	.0174	.00072	.00190	.00146	.028	.00064	.1565
%RSD	.01571	.18370	.11603	.94419	.80359	.2860	.33746	1.9401
#1	169.84	9.4703	.61660	.20354	.18085	9.825	.18892	8.1396
#2	169.79	9.5006	.61703	.20166	.18300	9.770	.19019	8.1715
#3	169.80	9.4705	.61563	.19973	.18022	9.809	.18945	7.8859

Sample Name: K2446-01MSD Acquired: 4/19/2019 21:49:48 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	17.099
Stddev	2.320
%RSD	13.570

#1	14.718
#2	19.353
#3	17.225

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4175.1	54087.	6218.7	75.864	4087.3
Stddev	5.1	108.	18.3	.046	5.6
%RSD	.12296	.19877	.29404	.06018	.13798

#1	4174.1	54185.	6227.6	75.854	4093.2
#2	4180.6	54104.	6197.7	75.914	4086.7
#3	4170.5	53972.	6230.9	75.825	4082.0

Sample Name: K2446-01A Acquired: 4/19/2019 21:54:03 Type: Unk
Method: P4-ICP2(v3058) 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	.80248	1.8805	.94258	2.1226	.77852	3.7182	.22613	.20130
Stddev	.00205	.0022	.00114	.0021	.00220	.0415	.00258	.00008
%RSD	.25503	.11568	.12143	.10085	.28218	1.1175	1.1412	.03872
#1	.80037	1.8783	.94140	2.1250	.77622	3.6881	.22421	.20136
#2	.80262	1.8804	.94369	2.1221	.77874	3.7008	.22512	.20132
#3	.80445	1.8827	.94265	2.1208	.78060	3.7656	.22907	.20121
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19134	3.2727	.38896	.19963	.42327	6.9541	.22036	2.5555
Stddev	.00058	.1325	.00165	.00076	.00161	.0221	.00041	.0390
%RSD	.30105	4.0491	.42485	.38097	.37998	.31802	.18723	1.5265
#1	.19069	3.2987	.38908	.19964	.42149	6.9457	.21999	2.5118
#2	.19156	3.1292	.39056	.19886	.42461	6.9792	.22081	2.5680
#3	.19178	3.3903	.38726	.20039	.42373	6.9374	.22028	2.5867
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49538	.07058	643.31	.30346	.41299	19.020	.39222	.45684
Stddev	.00052	.00027	2.23	.00087	.00079	.133	.00126	.00553
%RSD	.10574	.37644	.34592	.28514	.19243	.69864	.32226	1.2103
#1	.49583	.07028	643.56	.30262	.41301	18.956	.39083	.45335
#2	.49550	.07067	645.39	.30434	.41378	18.932	.39254	.46321
#3	.49481	.07079	640.96	.30342	.41219	19.173	.39330	.45394
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 171.42	9.3460	.61687	.19618	.17579	9.856	.18491	8.5073
Stddev	.49	.3476	.00198	.00708	.00739	.020	.00842	.0395
%RSD	.28446	3.7193	.32036	3.6084	4.2063	.2025	4.5541	.46439
#1	171.71	9.5488	.61460	.19738	.17905	9.863	.18836	8.4711
#2	171.70	8.9446	.61779	.18858	.16732	9.872	.17531	8.5494
#3	170.86	9.5446	.61821	.20259	.18098	9.834	.19106	8.5015

Sample Name: K2446-01A Acquired: 4/19/2019 21:54:03 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	18.395
Stddev	2.232
%RSD	12.135

#1	20.969
#2	17.001
#3	17.214

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4136.9	53703.	6301.5	76.961	4049.0
Stddev	12.4	186.	228.0	3.346	.5
%RSD	.30084	.34703	3.6183	4.3477	.01261

#1	4149.5	53903.	6175.7	74.484	4049.3
#2	4136.6	53534.	6564.7	80.767	4048.4
#3	4124.6	53672.	6164.1	75.631	4049.3

Sample Name: CCV11 Acquired: 4/19/2019 21:58:17 Type: Unk
Method: P4-ICP2(v3058) 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	5.1748	5.2273	4.9746	5.3442	5.1183	9.5798	10.447	.25596
Stddev	.0114	.0052	.0087	.0146	.0126	.0811	.066	.00063
%RSD	.21937	.09966	.17485	.27223	.24555	.84691	.62975	.24532
#1	5.1698	5.2217	4.9680	5.3418	5.1145	9.5008	10.395	.25547
#2	5.1878	5.2320	4.9714	5.3598	5.1324	9.5756	10.426	.25575
#3	5.1668	5.2281	4.9845	5.3310	5.1081	9.6629	10.521	.25667
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4683	25.188	.98809	2.5275	1.2600	5.0397	2.5853	25.050
Stddev	.0014	.177	.00502	.0027	.0014	.0198	.0100	.321
%RSD	.05458	.70325	.50833	.10582	.11352	.39330	.38832	1.2797
#1	2.4668	24.984	.98247	2.5260	1.2584	5.0188	2.5744	24.702
#2	2.4693	25.274	.98967	2.5259	1.2611	5.0419	2.5872	25.113
#3	2.4688	25.306	.99214	2.5306	1.2605	5.0583	2.5942	25.333
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4908	1.2788	25.390	2.5627	2.5335	23.787	5.0559	5.3342
Stddev	.0028	.0020	.195	.0043	.0002	.145	.0134	.0810
%RSD	.11300	.15717	.76694	.16798	.00699	.60773	.26578	1.5194
#1	2.4878	1.2767	25.200	2.5594	2.5333	23.758	5.0436	5.2703
#2	2.4912	1.2807	25.382	2.5611	2.5335	23.660	5.0702	5.3069
#3	2.4934	1.2789	25.589	2.5676	2.5336	23.944	5.0537	5.4253
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 5.5049	4.9336	5.0675	5.0204	4.6102	5.360	5.0740	F 7.6435
Stddev	.0316	.0327	.0075	.0147	.0268	.004	.0124	.1396
%RSD	.57387	.66345	.14759	.29184	.58195	.0699	.24531	1.8264
#1	5.5344	4.9137	5.0753	5.0083	4.6327	5.356	5.0660	7.6826
#2	5.5087	4.9713	5.0669	5.0367	4.6174	5.361	5.0884	7.4885
#3	5.4716	4.9156	5.0603	5.0161	4.5805	5.363	5.0677	7.7594

Sample Name: CCV11 Acquired: 4/19/2019 21:58:17 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 1.4624
Stddev	2.3036
%RSD	157.52

#1	-.29873
#2	.61671
#3	4.0694

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4377.9	56207.	6003.0	71.524	4423.2
Stddev	18.7	140.	52.0	1.744	19.6
%RSD	.42730	.24885	.86677	2.4379	.44368

#1	4361.1	56353.	5992.3	69.818	4401.8
#2	4374.4	56074.	5957.2	71.450	4427.4
#3	4398.1	56195.	6059.6	73.303	4440.4

Sample Name: CCB11 Acquired: 4/19/2019 22:02:16 Type: Unk
Method: P4-ICP2(v3058) 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	-.00012	.00410	-.00066	.00162	.00030	-.01096	.00155
Stddev	.00098	.00034	.00035	.00104	.00117	.00803	.00068
%RSD	839.97	8.2935	52.813	64.160	383.05	73.238	43.546

#1	-.00002	.00446	-.00026	.00121	-.00085	-.01212	.00105
#2	-.00114	.00406	-.00084	.00084	.00148	-.00242	.00129
#3	.00081	.00379	-.00089	.00280	.00029	-.01835	.00232

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.00003	.00711	.00007	.00006	-.00075	.00077
Stddev	.00005	.00006	.00256	.00008	.00005	.00018	.00072
%RSD	271.31	222.04	35.950	116.14	86.287	24.353	92.522

#1	-.00003	-.00000	.00945	.00014	.00010	-.00092	.00116
#2	.00004	-.00009	.00438	-.00002	.00000	-.00056	-.00005
#3	-.00006	.00001	.00749	.00010	.00007	-.00078	.00121

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	.01024	.00083	-.00135	.20994	-.00027	-.00037
Stddev	.00001	.03857	.00010	.00026	.01284	.00016	.00005
%RSD	346.32	376.57	11.402	19.191	6.1165	60.980	13.940

#1	.00001	.04611	.00093	-.00163	.22468	-.00044	-.00042
#2	-.00002	.01517	.00074	-.00112	.20116	-.00025	-.00037
#3	-.00000	-.03055	.00083	-.00130	.20398	-.00011	-.00032

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23606	.00034	.01010	F .10500	.00173	-.00191	.00105
Stddev	.02305	.00025	.00178	.00857	.00106	.00068	.00214
%RSD	9.7631	75.559	17.605	8.1663	61.035	35.696	204.92

#1	.24009	.00041	.00939	.11378	.00167	-.00228	.00239
#2	.25683	.00055	.01212	.10457	.00281	-.00233	-.00143
#3	.21126	.00005	.00878	.09665	.00071	-.00112	.00218

Sample Name: CCB11 Acquired: 4/19/2019 22:02:16 Type: Unk
Method: P4-ICP2(v3058) 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	-.00106	F .0050	.00003	F 6.3024	F<.00000
Stddev	.00074	.0007	.00004	.1949	.24510
%RSD	69.793	14.11	134.93	3.0927	91.798

#1	-.00021	.0058	.00006	6.4870	-.45521
#2	-.00150	.0046	-.00002	6.3215	.01015
#3	-.00147	.0046	.00005	6.0986	-.35595

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4582.5	58902.	6071.3	75.286	4995.3
Stddev	13.8	173.	65.7	1.106	19.0
%RSD	.30019	.29417	1.0825	1.4695	.38074

#1	4572.2	58703.	5997.5	74.473	4974.7
#2	4577.2	59023.	6123.4	76.545	4999.2
#3	4598.1	58980.	6093.0	74.839	5012.1

Sample Name: K2479-01 Acquired: 4/19/2019 22:06:46 Type: Unk
Method: P4-ICP2(v3058) 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	.13601	.00194	.00730	.00197	.00720	1.0487	.06310	.00011
Stddev	.00191	.00037	.00048	.00166	.00050	.0093	.00076	.00001
%RSD	1.4020	19.155	6.5334	84.151	6.9037	.88860	1.2075	8.0678

#1	.13507	.00191	.00678	.00094	.00730	1.0587	.06394	.00012
#2	.13477	.00233	.00771	.00388	.00765	1.0470	.06289	.00010
#3	.13821	.00158	.00742	.00108	.00667	1.0403	.06246	.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	27.795	.00224	.00186	.00940	1.3886	.20715	12.801
Stddev	.00004	.081	.00029	.00006	.00045	.0137	.00209	.069
%RSD	79.614	.28964	12.946	3.2964	4.7979	.98285	1.0089	.53673

#1	.00001	27.748	.00195	.00193	.00991	1.4013	.20879	12.795
#2	.00010	27.749	.00253	.00181	.00921	1.3903	.20787	12.872
#3	.00005	27.888	.00224	.00185	.00907	1.3741	.20480	12.735

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00720	-.00108	23.170	.00381	.05632	4.4341	.00506	.62677
Stddev	.00030	.00039	.200	.00013	.00033	.0511	.00007	.02852
%RSD	4.1944	36.080	.86521	3.3352	.57729	1.1515	1.4646	4.5507

#1	.00723	-.00151	23.229	.00381	.05662	4.4889	.00511	.65100
#2	.00748	-.00074	23.334	.00368	.05637	4.4256	.00497	.63398
#3	.00688	-.00099	22.947	.00394	.05598	4.3879	.00509	.59534

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7321	7.6522	-.00378	.04153	-.00252	1.164	.10818	5.9495
Stddev	.0036	.0149	.00066	.00088	.00059	.003	.00039	.1729
%RSD	.07508	.19443	17.493	2.1221	23.326	.2528	.36449	2.9059

#1	4.7349	7.6693	-.00453	.04243	-.00320	1.167	.10797	6.1380
#2	4.7332	7.6453	-.00353	.04067	-.00213	1.162	.10794	5.9121
#3	4.7281	7.6420	-.00328	.04149	-.00224	1.162	.10864	5.7983

Sample Name: K2479-01 Acquired: 4/19/2019 22:06:46 Type: Unk
 Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .91581
 Stddev 1.2815
 %RSD 139.93

#1 2.0061
 #2 1.2371
 #3 -.49577

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4638.8	60819.	6485.4	80.833	4941.3
Stddev	2.6	426.	9.1	1.001	5.8
%RSD	.05501	.70004	.13971	1.2388	.11689

#1	4640.7	60533.	6481.9	81.781	4946.3
#2	4635.9	60616.	6495.6	79.786	4935.0
#3	4639.9	61309.	6478.6	80.933	4942.6

Sample Name: K2479-02 Acquired: 4/19/2019 22:11:09 Type: Unk
Method: P4-ICP2(v3058) 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	.01055	.00178	.00049	.00206	.00149	.06750	.10256	.00005
Stddev	.00355	.00066	.00071	.00028	.00193	.00599	.00091	.00006
%RSD	33.677	37.140	143.71	13.498	129.46	8.8699	.88420	121.62

#1	.00831	.00110	-.00022	.00211	-.00026	.06814	.10188	.00008
#2	.00870	.00181	.00051	.00175	.00356	.07314	.10359	.00009
#3	.01465	.00242	.00119	.00230	.00117	.06122	.10221	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	50.993	.00100	.00057	.00552	.24096	.03696	26.365
Stddev	.00003	.262	.00013	.00016	.00007	.00107	.00016	.194
%RSD	49.227	.51438	13.326	27.859	1.2681	.44453	.43814	.73738

#1	.00009	50.811	.00112	.00075	.00553	.24220	.03706	26.223
#2	.00005	50.876	.00102	.00045	.00545	.24043	.03678	26.586
#3	.00003	51.294	.00086	.00051	.00559	.24027	.03706	26.285

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00319	-.00116	21.323	.00059	.07351	3.6846	.00474	.21037
Stddev	.00023	.00042	.164	.00014	.00014	.0461	.00019	.01828
%RSD	7.2568	35.863	.76877	23.447	.18963	1.2518	4.0966	8.6913

#1	.00339	-.00155	21.134	.00044	.07349	3.7079	.00463	.18977
#2	.00294	-.00072	21.417	.00061	.07366	3.7144	.00497	.21665
#3	.00325	-.00121	21.419	.00072	.07338	3.6315	.00464	.22468

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7732	9.2219	-.00400	.00056	.00516	.1419	.20707	6.4843
Stddev	.0083	.0433	.00089	.00063	.00071	.0005	.00132	.0608
%RSD	.17320	.46914	22.349	110.71	13.846	.3317	.63633	.93816

#1	4.7827	9.2235	-.00359	.00035	.00595	.1418	.20747	6.5010
#2	4.7687	9.1778	-.00338	.00007	.00455	.1415	.20560	6.5350
#3	4.7682	9.2643	-.00502	.00127	.00498	.1425	.20814	6.4168

Sample Name: K2479-02 Acquired: 4/19/2019 22:11:09 Type: Unk
 Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .75841
 Stddev .58145
 %RSD 76.666

#1 1.2200
 #2 .94979
 #3 .10540

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4522.2	58876.	6425.4	79.498	4767.4
Stddev	4.6	236.	34.6	1.196	5.2
%RSD	.10251	.40013	.53925	1.5047	.10836

#1	4517.0	59144.	6431.9	78.217	4762.8
#2	4525.8	58778.	6456.3	79.691	4766.5
#3	4523.8	58704.	6387.9	80.586	4773.0

Sample Name: K2479-03 Acquired: 4/19/2019 22:15:32 Type: Unk
Method: P4-ICP2(v3058) 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	.04409	.00196	.00095	.00031	.00104	.01917	.08682
Stddev	.00312	.00037	.00008	.00200	.00046	.01092	.00064
%RSD	7.0733	18.809	8.7545	650.85	44.536	56.977	.73847

#1	.04120	.00156	.00085	.00198	.00114	.02300	.08646
#2	.04740	.00229	.00100	.00084	.00144	.02767	.08644
#3	.04366	.00203	.00099	-.00190	.00054	.00685	.08756

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	-.00000	55.490	.00118	.00057	.00479	.16585
Stddev	.00001	.00005	.051	.00009	.00008	.00009	.00075
%RSD	234.85	4604.6	.09275	7.7627	13.568	1.9400	.45454

#1	.00000	.00005	55.532	.00124	.00048	.00479	.16498
#2	-.00000	-.00003	55.433	.00122	.00059	.00488	.16635
#3	.00002	-.00002	55.505	.00107	.00063	.00470	.16621

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02117	23.971	.00197	-.00137	17.920	.00032	.07809
Stddev	.00004	.117	.00017	.00014	.042	.00034	.00040
%RSD	.17309	.48610	8.6473	10.193	.23659	104.08	.50805

#1	.02118	24.099	.00216	-.00152	17.915	.00005	.07808
#2	.02120	23.871	.00187	-.00125	17.965	.00070	.07850
#3	.02113	23.944	.00187	-.00135	17.881	.00021	.07771

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.3323	.00408	.08498	6.0625	9.4285	-.00381	-.00082
Stddev	.0176	.00035	.00029	.0203	.0210	.00036	.00054
%RSD	.52780	8.6371	.33666	.33500	.22236	9.3698	65.816

#1	3.3438	.00400	.08485	6.0848	9.4363	-.00341	-.00121
#2	3.3411	.00378	.08479	6.0579	9.4047	-.00410	-.00020
#3	3.3121	.00447	.08531	6.0450	9.4444	-.00393	-.00106

Sample Name: K2479-03 Acquired: 4/19/2019 22:15:32 Type: Unk
Method: P4-ICP2(v3058) 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	.00513	.0499	.22033	6.3185	F<.00000
Stddev	.00114	.0009	.00045	.1809	.71833
%RSD	22.203	1.870	.20480	2.8627	62.530

#1	.00406	.0494	.22054	6.5198	-.32162
#2	.00633	.0510	.22063	6.2661	-1.6159
#3	.00500	.0494	.21981	6.1696	-1.5087

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4553.3	59539.	6409.2	79.484	4803.5
Stddev	6.9	21.	14.4	1.382	14.3
%RSD	.15072	.03499	.22542	1.7385	.29746

#1	4545.6	59560.	6392.6	81.031	4789.7
#2	4555.5	59540.	6418.9	79.049	4802.6
#3	4558.7	59518.	6416.2	78.372	4818.3

Sample Name: K2479-04 Acquired: 4/19/2019 22:19:57 Type: Unk
Method: P4-ICP2(v3058) 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	.00981	-.00044	-.00051	.00158	.00204	.02134	.09485
Stddev	.00323	.00031	.00091	.00269	.00119	.00013	.00062
%RSD	32.915	71.650	177.92	170.19	58.387	.60197	.65849

#1	.00935	-.00008	-.00102	.00042	.00115	.02119	.09448
#2	.01323	-.00068	.00054	.00465	.00157	.02141	.09451
#3	.00683	-.00056	-.00105	-.00034	.00339	.02142	.09557

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	-.00000	52.780	.00095	.00079	.00491	.25162
Stddev	.00003	.00002	.170	.00016	.00011	.00014	.00218
%RSD	579030.	956.88	.32263	16.746	14.137	2.8145	.86750

#1	.00002	.00002	52.691	.00112	.00067	.00507	.25004
#2	-.00003	.00000	52.673	.00081	.00084	.00482	.25072
#3	.00001	-.00003	52.977	.00091	.00088	.00484	.25411

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01809	22.779	.00335	-.00091	14.462	.00027	.05894
Stddev	.00002	.113	.00019	.00024	.073	.00020	.00029
%RSD	.11284	.49686	5.7877	26.731	.50556	76.699	.48916

#1	.01811	22.669	.00319	-.00090	14.445	.00025	.05921
#2	.01809	22.774	.00357	-.00115	14.400	.00007	.05897
#3	.01807	22.895	.00331	-.00067	14.543	.00048	.05863

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.1366	.00363	.08121	7.0386	9.5277	-.00411	-.00018
Stddev	.0432	.00007	.01077	.0231	.0156	.00026	.00101
%RSD	1.3778	1.8293	13.259	.32757	.16322	6.2835	551.91

#1	3.0871	.00359	.06951	7.0358	9.5198	-.00419	-.00083
#2	3.1667	.00371	.09071	7.0630	9.5456	-.00381	-.00069
#3	3.1560	.00359	.08341	7.0171	9.5177	-.00431	.00098

Sample Name: K2479-04 Acquired: 4/19/2019 22:19:57 Type: Unk
Method: P4-ICP2(v3058) 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	.00255	.0982	.19798	6.2492	F<.00000
Stddev	.00192	.0005	.00047	.1487	.93669
%RSD	75.123	.4789	.23519	2.3797	55.569
#1	.00460	.0981	.19744	6.2558	-2.3570
#2	.00080	.0977	.19831	6.3946	-2.0843
#3	.00226	.0987	.19817	6.0974	-.61557
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4553.7	59567.	6396.2	79.957	4824.4
Stddev	13.8	170.	7.9	.135	13.3
%RSD	.30354	.28479	.12339	.16834	.27478
#1	4556.2	59594.	6405.3	79.827	4825.4
#2	4538.7	59722.	6391.4	79.946	4810.7
#3	4566.0	59386.	6391.8	80.096	4837.2

Sample Name: K2199-14 Acquired: 4/19/2019 22:24:21 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-03-041819 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00167	-.00120	.00385	.00234	-.00106	.07065	.14270	.00014
Stddev	.00133	.00067	.00022	.00142	.00050	.00801	.00069	.00008
%RSD	79.469	55.971	5.6041	60.867	47.502	11.335	.48465	55.614

#1	-.00015	-.00043	.00367	.00072	-.00125	.07987	.14208	.00005
#2	-.00223	-.00168	.00409	.00339	-.00049	.06536	.14257	.00019
#3	-.00262	-.00150	.00378	.00289	-.00145	.06673	.14345	.00017

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	44.943	-.00019	.00395	.00176	1.8483	.58124	1.4014
Stddev	.00005	.302	.00024	.00009	.00015	.0051	.00173	.0464
%RSD	221.26	.67265	127.31	2.1732	8.7053	.27716	.29693	3.3083

#1	-.00007	45.268	-.00018	.00391	.00194	1.8464	.57953	1.3830
#2	.00003	44.892	.00005	.00404	.00165	1.8542	.58298	1.4541
#3	-.00003	44.670	-.00044	.00388	.00170	1.8445	.58121	1.3670

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00276	-.00151	266.72	-.00011	.03165	.69229	-.00001	.02004
Stddev	.00007	.00012	1.65	.00035	.00013	.00735	.00007	.01260
%RSD	2.6496	7.8014	.61680	330.82	.42538	1.0612	826.73	62.864

#1	.00272	-.00147	265.78	.00030	.03181	.69872	.00004	.02487
#2	.00284	-.00165	268.62	-.00036	.03157	.69388	-.00009	.02950
#3	.00271	-.00142	265.76	-.00026	.03158	.68428	.00002	.00574

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.40624	.73833	-.00162	.00209	-.00338	.0062	.10381	7.8178
Stddev	.00485	.00302	.00024	.00078	.00041	.0002	.00038	.0979
%RSD	1.1934	.40953	14.774	37.582	12.140	3.507	.36914	1.2518

#1	.40894	.74119	-.00138	.00230	-.00309	.0065	.10414	7.9266
#2	.40064	.73863	-.00164	.00122	-.00385	.0060	.10390	7.7370
#3	.40914	.73517	-.00185	.00275	-.00320	.0062	.10339	7.7898

Sample Name: K2199-14 Acquired: 4/19/2019 22:24:21 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-03-041819 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	11.878
Stddev	1.585
%RSD	13.341

#1	11.263
#2	10.693
#3	13.678

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4257.1	54769.	6107.2	73.913	4274.7
Stddev	18.7	181.	52.0	1.391	18.2
%RSD	.43963	.33134	.85092	1.8824	.42572

#1	4238.3	54671.	6049.9	75.390	4256.3
#2	4257.2	54658.	6120.4	73.721	4275.0
#3	4275.8	54979.	6151.3	72.627	4292.7

Sample Name: K2199-14DUP Acquired: 4/19/2019 22:28:56 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-03-041819 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00037	-.00253	.00485	-.00005	-.00145	.08061	.15361	.00003
Stddev	.00026	.00086	.00116	.00130	.00113	.01250	.00073	.00007
%RSD	71.637	34.169	23.995	2417.9	78.280	15.504	.47819	195.74

#1	-.00019	-.00167	.00352	.00063	-.00107	.07648	.15280	-.00002
#2	-.00024	-.00340	.00538	-.00155	-.00272	.07070	.15423	.00011
#3	-.00067	-.00251	.00566	.00076	-.00055	.09465	.15381	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	49.196	-.00025	.00409	.00217	2.0142	.63486	1.5263
Stddev	.00005	.384	.00029	.00017	.00031	.0063	.00010	.0444
%RSD	184.22	.78028	116.06	4.1707	14.178	.31450	.01609	2.9073

#1	.00002	48.756	-.00054	.00419	.00242	2.0071	.63480	1.4761
#2	-.00007	49.461	-.00026	.00418	.00227	2.0162	.63498	1.5426
#3	-.00002	49.372	.00004	.00389	.00183	2.0193	.63481	1.5602

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00241	-.00096	286.40	-.00025	.03651	.77045	-.00000	.00978
Stddev	.00078	.00014	1.64	.00022	.00006	.01207	.00020	.01387
%RSD	32.460	14.821	.57162	88.254	.17688	1.5665	9569.3	141.81

#1	.00331	-.00089	286.78	.00000	.03645	.75730	.00023	-.00584
#2	.00187	-.00088	287.81	-.00040	.03652	.78101	-.00015	.02066
#3	.00206	-.00113	284.61	-.00035	.03658	.77306	-.00009	.01453

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.44711	.80377	-.00204	.00203	-.00039	.0030	.11370	7.7460
Stddev	.00265	.00463	.00015	.00044	.00059	.0014	.00027	.1791
%RSD	.59208	.57542	7.4761	21.650	151.28	46.84	.23567	2.3124

#1	.44437	.80383	-.00221	.00252	.00028	.0035	.11359	7.9305
#2	.44733	.79912	-.00195	.00188	-.00065	.0040	.11401	7.7347
#3	.44965	.80837	-.00195	.00168	-.00081	.0014	.11351	7.5728

Sample Name: K2199-14DUP Acquired: 4/19/2019 22:28:56 Type: Unk
 Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OR-03-041819 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	11.933
Stddev	.767
%RSD	6.4286

#1	11.094
#2	12.598
#3	12.107

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4252.0	54591.	6008.4	72.982	4267.6
Stddev	12.0	192.	15.1	1.182	10.2
%RSD	.28322	.35103	.25051	1.6191	.23784

#1	4246.9	54399.	6000.5	73.986	4259.1
#2	4243.4	54591.	5998.8	71.680	4265.0
#3	4265.8	54782.	6025.7	73.279	4278.8

Sample Name: K2199-14LX5 Acquired: 4/19/2019 22:33:31 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00042	-.00098	.00119	.00186	-.00027	-.00034	.02945	-.00001
Stddev	.00127	.00113	.00020	.00139	.00056	.01124	.00057	.00003
%RSD	302.09	115.11	17.178	74.630	205.53	3316.9	1.9254	340.18

#1	.00125	-.00213	.00137	.00343	-.00001	.01157	.02996	.00001
#2	.00104	-.00093	.00122	.00078	-.00092	-.01075	.02954	-.00004
#3	-.00104	.00012	.00097	.00138	.00011	-.00184	.02884	.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	9.5465	.00018	.00072	.00040	.39287	.12414	.27038
Stddev	.00003	.0408	.00012	.00010	.00046	.00142	.00007	.03453
%RSD	47.407	.42731	66.383	14.272	115.24	.36145	.05504	12.770

#1	-.00004	9.5518	.00028	.00075	-.00011	.39186	.12419	.30308
#2	-.00008	9.5034	.00005	.00060	.00053	.39226	.12406	.27378
#3	-.00004	9.5845	.00021	.00080	.00079	.39450	.12417	.23428

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00051	-.00121	53.499	-.00048	.00705	.26457	.00000	-.01277
Stddev	.00018	.00015	.255	.00034	.00007	.01747	.00003	.00833
%RSD	36.283	12.677	.47604	71.238	.99335	6.6034	1153.3	65.216

#1	.00069	-.00130	53.793	-.00010	.00697	.28464	-.00003	-.02230
#2	.00052	-.00130	53.358	-.00076	.00710	.25275	.00001	-.00688
#3	.00032	-.00104	53.347	-.00058	.00709	.25633	.00003	-.00914

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13269	.16343	-.00200	.00214	-.00373	.0040	.02175	6.8867
Stddev	.00376	.00102	.00053	.00165	.00085	.0017	.00010	.0828
%RSD	2.8373	.62199	26.459	76.808	22.641	43.23	.44915	1.2022

#1	.13187	.16268	-.00242	.00320	-.00314	.0020	.02167	6.8568
#2	.13681	.16302	-.00140	.00025	-.00470	.0049	.02172	6.9802
#3	.12941	.16459	-.00216	.00299	-.00335	.0050	.02186	6.8229

Sample Name: K2199-14LX5 Acquired: 4/19/2019 22:33:31 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 3.6650
Stddev .3965
%RSD 10.819

#1 3.2087
#2 3.8611
#3 3.9253

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4474.6	57455.	6031.0	74.797	4648.5
Stddev	8.9	432.	9.2	.513	7.2
%RSD	.19836	.75169	.15299	.68632	.15479

#1	4468.9	57004.	6020.9	75.202	4640.2
#2	4470.0	57498.	6033.5	74.970	4652.4
#3	4484.8	57864.	6038.8	74.220	4653.0

Sample Name: K2199-14MS Acquired: 4/19/2019 22:37:58 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-03-041819 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	.81652	1.9863	.97726	2.1659	.79064	2.0382	.36710	.20493	.19845
Stddev	.00394	.0036	.00212	.0035	.00121	.0050	.00049	.00014	.00011
%RSD	.48251	.18247	.21699	.16073	.15331	.24653	.13228	.06617	.05748

#1	.81202	1.9900	.97617	2.1669	.79108	2.0350	.36764	.20479	.19834
#2	.81931	1.9827	.97591	2.1621	.78927	2.0357	.36670	.20494	.19843
#3	.81824	1.9861	.97971	2.1688	.79157	2.0440	.36696	.20507	.19857

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	49.943	.40796	.21020	.30735	5.0555	.83484	3.5322	.51060	.07201
Stddev	.081	.00091	.00005	.00120	.0010	.00163	.0525	.00106	.00066
%RSD	.16189	.22288	.02586	.39106	.02038	.19564	1.4873	.20728	.92140

#1	49.946	.40899	.21027	.30597	5.0543	.83650	3.5100	.51014	.07190
#2	49.860	.40726	.21017	.30796	5.0560	.83323	3.4944	.50986	.07273
#3	50.022	.40764	.21018	.30813	5.0561	.83479	3.5922	.51181	.07142

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	285.06	.32600	.24583	10.684	.41247	.34011	.42174	1.6336	.70532
Stddev	1.24	.00096	.00056	.056	.00105	.02456	.00360	.0036	.00173
%RSD	.43514	.29296	.22709	.52565	.25392	7.2223	.85467	.22199	.24496

#1	285.23	.32497	.24562	10.620	.41135	.33481	.42163	1.6370	.70682
#2	283.74	.32617	.24540	10.702	.41262	.31863	.41819	1.6298	.70572
#3	286.20	.32686	.24646	10.728	.41343	.36689	.42539	1.6340	.70343

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20541	.18196	6.417	.30955	8.0712	8.9513
Stddev	.00120	.00134	.027	.00079	.1903	.6179
%RSD	.58314	.73912	.4196	.25586	2.3580	6.9025

#1	.20439	.18315	6.444	.31035	8.2616	9.6253
#2	.20511	.18223	6.390	.30877	8.0709	8.4116
#3	.20673	.18050	6.417	.30952	7.8810	8.8170

Sample Name: K2199-14MS Acquired: 4/19/2019 22:37:58 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-03-041819 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	4256.2	54790.	5962.2	74.369	4265.4
Stddev	10.6	139.	30.0	.993	16.7
%RSD	.24972	.25348	.50376	1.3356	.39121
#1	4245.8	54633.	5927.9	74.930	4246.2
#2	4255.7	54896.	5983.7	74.955	4274.0
#3	4267.0	54841.	5974.9	73.222	4276.1

Sample Name: K2199-14MSD Acquired: 4/19/2019 22:42:14 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-03-041819 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	.82472	2.0038	.98551	2.1864	.79630	2.0619	.36787	.20641	.20026
Stddev	.00194	.0026	.00177	.0017	.00245	.0106	.00228	.00032	.00029
%RSD	.23576	.13024	.17945	.07907	.30749	.51233	.61952	.15526	.14656

#1	.82649	2.0058	.98710	2.1872	.79766	2.0508	.36525	.20619	.20057
#2	.82503	2.0009	.98361	2.1876	.79347	2.0633	.36896	.20678	.19998
#3	.82264	2.0049	.98581	2.1844	.79777	2.0718	.36939	.20626	.20022

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	50.368	.41084	.21195	.30869	5.0863	.84175	3.5548	.51392	.07214
Stddev	.396	.00103	.00022	.00016	.0169	.00186	.0261	.00037	.00015
%RSD	.78560	.25102	.10462	.05232	.33223	.22070	.73304	.07242	.20390

#1	50.015	.40965	.21219	.30856	5.0675	.83983	3.5747	.51384	.07228
#2	50.293	.41148	.21175	.30865	5.0913	.84354	3.5644	.51432	.07199
#3	50.796	.41139	.21192	.30887	5.1001	.84187	3.5253	.51359	.07214

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	285.80	.32712	.24796	10.817	.41541	.35517	.42252	1.6574	.71291
Stddev	.77	.00055	.00060	.049	.00112	.02842	.00131	.0041	.00214
%RSD	.26957	.16807	.24030	.45570	.26986	8.0012	.31075	.24711	.30016

#1	286.39	.32666	.24865	10.760	.41519	.32456	.42339	1.6580	.71538
#2	284.93	.32773	.24764	10.850	.41441	.36024	.42315	1.6531	.71166
#3	286.08	.32698	.24759	10.839	.41662	.38071	.42101	1.6612	.71168

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20693	.18517	6.466	.31209	7.9873	8.5613
Stddev	.00370	.00160	.028	.00165	.0614	.5909
%RSD	1.7881	.86181	.4289	.52779	.76851	6.9021

#1	.20746	.18489	6.495	.31064	8.0564	8.7010
#2	.20300	.18374	6.461	.31176	7.9661	7.9130
#3	.21034	.18689	6.440	.31388	7.9393	9.0698

Sample Name: K2199-14MSD Acquired: 4/19/2019 22:42:14 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-03-041819 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	4243.4	54802.	5927.5	74.213	4247.2
Stddev	14.6	121.	19.7	.552	11.5
%RSD	.34482	.22169	.33265	.74373	.27153
#1	4229.0	54663.	5914.3	74.846	4234.0
#2	4258.3	54859.	5950.2	73.836	4255.3
#3	4243.0	54885.	5918.0	73.955	4252.3

Sample Name: K2199-14A Acquired: 4/19/2019 22:46:30 Type: Unk
Method: P4-ICP2(v3058) 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	.82417	2.0286	.99464	2.2064	.80439	2.0830	.37127	.20866	.20235
Stddev	.00281	.0034	.00167	.0068	.00179	.0058	.00176	.00034	.00032
%RSD	.34135	.16676	.16801	.30998	.22201	.27971	.47334	.16067	.16049

#1	.82178	2.0253	.99376	2.2008	.80259	2.0780	.37141	.20832	.20229
#2	.82727	2.0284	.99358	2.2140	.80616	2.0894	.37296	.20868	.20270
#3	.82345	2.0321	.99656	2.2043	.80442	2.0816	.36945	.20899	.20206

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	50.788	.41576	.21423	.31207	5.1557	.85164	3.5817	.52041	.07316
Stddev	.464	.00086	.00046	.00066	.0191	.00213	.0671	.00050	.00023
%RSD	.91382	.20715	.21300	.21130	.36949	.25042	1.8733	.09655	.31725

#1	50.280	.41494	.21404	.31231	5.1349	.84941	3.5742	.52061	.07332
#2	51.190	.41666	.21475	.31258	5.1723	.85365	3.6523	.51983	.07327
#3	50.894	.41568	.21391	.31133	5.1600	.85186	3.5187	.52077	.07289

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	289.40	.33193	.24971	10.898	.41904	.35450	.42766	1.6670	.72122
Stddev	1.07	.00097	.00038	.074	.00035	.01461	.00082	.0052	.00207
%RSD	.36860	.29172	.15312	.67783	.08241	4.1215	.19166	.31365	.28748

#1	288.40	.33092	.24963	10.896	.41864	.36762	.42679	1.6612	.72094
#2	290.52	.33284	.24936	10.973	.41925	.35712	.42841	1.6714	.71930
#3	289.27	.33204	.25012	10.826	.41924	.33876	.42777	1.6684	.72342

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20956	.18780	6.544	.31474	8.0491	10.001
Stddev	.00278	.00117	.010	.00211	.1726	1.012
%RSD	1.3272	.62528	.1545	.67067	2.1440	10.118

#1	.20749	.18680	6.532	.31267	7.9666	11.109
#2	.21272	.18909	6.549	.31689	8.2475	9.7664
#3	.20846	.18751	6.551	.31466	7.9333	9.1263

Sample Name: K2199-14A Acquired: 4/19/2019 22:46:30 Type: Unk
Method: P4-ICP2(v3058) 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	4233.7	54373.	5905.2	71.825	4231.2
Stddev	10.7	60.	30.3	1.056	14.7
%RSD	.25156	.11083	.51232	1.4704	.34723
#1	4222.7	54385.	5938.6	72.308	4214.3
#2	4234.3	54307.	5879.7	72.554	4238.5
#3	4244.0	54426.	5897.3	70.614	4240.8

Sample Name: CCV12 Acquired: 4/19/2019 22:50:46 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14864 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1278	5.2258	4.9585	5.3036	5.0480	9.5281	10.412	.25652
Stddev	.0050	.0050	.0100	.0056	.0026	.0544	.032	.00045
%RSD	.09733	.09558	.20172	.10499	.05187	.57105	.30824	.17713
#1	5.1254	5.2306	4.9544	5.3042	5.0455	9.5809	10.410	.25610
#2	5.1335	5.2262	4.9699	5.3089	5.0477	9.5311	10.381	.25700
#3	5.1244	5.2207	4.9512	5.2978	5.0508	9.4723	10.445	.25647
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4728	25.482	.99638	2.5192	1.2547	5.0698	2.5935	25.261
Stddev	.0037	.118	.00131	.0015	.0011	.0037	.0012	.173
%RSD	.15011	.46114	.13160	.05885	.08748	.07323	.04790	.68433
#1	2.4720	25.405	.99675	2.5180	1.2536	5.0723	2.5949	25.090
#2	2.4768	25.617	.99746	2.5209	1.2557	5.0655	2.5928	25.256
#3	2.4695	25.424	.99492	2.5188	1.2549	5.0716	2.5927	25.436
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4973	1.2676	25.520	2.5786	2.5189	23.615	5.0139	5.3181
Stddev	.0040	.0007	.054	.0040	.0040	.083	.0051	.0147
%RSD	.16074	.05616	.21316	.15708	.15851	.35154	.10259	.27660
#1	2.4933	1.2682	25.500	2.5830	2.5216	23.711	5.0092	5.3013
#2	2.5013	1.2678	25.479	2.5751	2.5207	23.563	5.0194	5.3243
#3	2.4974	1.2668	25.582	2.5776	2.5143	23.571	5.0130	5.3286
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.3428	4.8314	5.0672	5.0138	4.5613	5.352	5.0674	F 7.4254
Stddev	.0292	.0294	.0055	.0118	.0336	.027	.0146	.1203
%RSD	.54576	.60777	.10916	.23642	.73692	.5078	.28814	1.6205
#1	5.3760	4.8270	5.0728	5.0216	4.5962	5.376	5.0790	7.2946
#2	5.3315	4.8627	5.0672	5.0195	4.5588	5.356	5.0722	7.4500
#3	5.3210	4.8045	5.0617	5.0001	4.5291	5.323	5.0510	7.5315

Sample Name: CCV12 Acquired: 4/19/2019 22:50:46 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14864 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.7679
Stddev	1.3440
%RSD	48.558

#1	2.0200
#2	1.9642
#3	4.3195

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4490.4	57582.	6136.2	75.321	4510.4
Stddev	1.6	230.	43.4	1.085	6.3
%RSD	.03524	.39959	.70736	1.4407	.13865

#1	4488.8	57317.	6096.8	74.123	4504.6
#2	4491.9	57704.	6129.1	75.605	4509.5
#3	4490.6	57726.	6182.7	76.237	4517.0

Sample Name: CCB12 Acquired: 4/19/2019 22:54:45 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14864 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00048	.00058	-.00150	.00013	-.00056	-.01103	.00166	-.00002
Stddev	.00158	.00055	.00064	.00236	.00115	.00547	.00045	.00004
%RSD	328.40	95.400	42.900	1878.8	204.26	49.598	26.757	211.55
#1	.00109	.00052	-.00076	-.00260	-.00153	-.01136	.00197	-.00002
#2	-.00131	.00115	-.00195	.00158	.00070	-.01634	.00187	-.00006
#3	.00166	.00006	-.00179	.00140	-.00085	-.00541	.00115	.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	.00764	.00001	.00030	-.00041	.00029	.00002	.02502
Stddev	.00007	.01472	.00021	.00004	.00005	.00028	.00004	.05191
%RSD	7588.3	192.72	1534.4	12.038	11.947	98.256	217.16	207.50
#1	-.00000	.02215	-.00022	.00029	-.00038	.00037	-.00000	.08495
#2	.00006	-.00728	.00019	.00033	-.00047	-.00003	.00006	-.00614
#3	-.00007	.00805	.00006	.00026	-.00038	.00052	-.00001	-.00375
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00097	-.00082	-.02373	-.00025	-.00051	.08067	.00039	.01051
Stddev	.00005	.00023	.00032	.00019	.00007	.04403	.00027	.02126
%RSD	5.1570	27.696	1.3535	74.233	13.405	54.582	70.684	202.39
#1	.00094	-.00078	-.02409	-.00042	-.00045	.13103	.00070	.00500
#2	.00103	-.00062	-.02347	-.00028	-.00058	.04945	.00025	.03398
#3	.00095	-.00107	-.02364	-.00005	-.00049	.06152	.00020	-.00746
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .04274	-.00236	-.00209	.00037	-.00428	.0026	.00016	F 5.9821
Stddev	.00087	.00184	.00049	.00020	.00175	.0003	.00005	.1753
%RSD	2.0388	77.755	23.367	54.822	40.940	11.58	31.808	2.9297
#1	.04303	-.00027	-.00154	.00047	-.00229	.0027	.00010	6.1391
#2	.04176	-.00312	-.00226	.00014	-.00560	.0023	.00017	6.0141
#3	.04343	-.00370	-.00246	.00050	-.00495	.0028	.00020	5.7930

Sample Name: CCB12 Acquired: 4/19/2019 22:54:45 Type: Unk
 Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14864 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .40283
Stddev	.23846
%RSD	59.198

#1	.44279
#2	.61878
#3	.14691

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4682.7	60067.	6199.0	78.210	5103.1
Stddev	11.1	323.	64.1	1.358	17.3
%RSD	.23703	.53697	1.0338	1.7364	.33912

#1	4676.2	59697.	6125.3	78.689	5085.4
#2	4676.3	60221.	6229.4	79.264	5103.8
#3	4695.5	60284.	6242.1	76.677	5120.0

Sample Name: K2199-16 Acquired: 4/19/2019 22:59:15 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-03-041819 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00106	-.00110	.00582	.00392	-.00181	.13226	.13080	.00002
Stddev	.00276	.00056	.00127	.00337	.00066	.00220	.00112	.00004
%RSD	260.64	51.164	21.881	85.886	36.501	1.6623	.85567	158.99

#1	-.00199	-.00109	.00459	.00038	-.00253	.13074	.13208	.00002
#2	.00205	-.00167	.00573	.00431	-.00166	.13125	.13029	-.00001
#3	-.00323	-.00055	.00713	.00708	-.00123	.13478	.13003	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	20.608	.00041	.00264	.00417	.52425	.47921	1.7835
Stddev	.00001	.097	.00018	.00014	.00017	.00204	.00127	.0063
%RSD	10.906	.47061	43.209	5.3327	3.9842	.38902	.26569	.35548

#1	.00014	20.496	.00051	.00257	.00426	.52206	.47778	1.7901
#2	.00011	20.663	.00021	.00255	.00428	.52460	.47961	1.7775
#3	.00013	20.666	.00052	.00280	.00398	.52609	.48023	1.7828

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00204	-.00064	287.82	.00010	.03833	.66289	.00025	.00798
Stddev	.00026	.00026	.86	.00018	.00019	.02128	.00016	.00571
%RSD	12.775	40.832	.29790	181.24	.48957	3.2096	64.569	71.567

#1	.00225	-.00095	287.84	.00025	.03837	.68697	.00043	.01306
#2	.00212	-.00048	286.95	.00016	.03813	.64666	.00011	.00179
#3	.00175	-.00051	288.67	-.00011	.03850	.65503	.00020	.00909

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.28574	.75363	-.00198	.00374	-.00336	.0063	.05749	7.9211
Stddev	.00228	.00445	.00071	.00225	.00147	.0018	.00010	.0817
%RSD	.79698	.59078	35.770	60.146	43.765	29.03	.17500	1.0313

#1	.28553	.74883	-.00159	.00126	-.00393	.0049	.05737	7.9103
#2	.28357	.75763	-.00155	.00430	-.00446	.0083	.05756	8.0076
#3	.28811	.75443	-.00280	.00565	-.00169	.0055	.05753	7.8453

Sample Name: K2199-16 Acquired: 4/19/2019 22:59:15 Type: Unk
 Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OR-03-041819 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	9.5712
Stddev	1.9930
%RSD	20.823

#1	9.2706
#2	7.7456
#3	11.698

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4257.9	54706.	5934.5	72.827	4288.2
Stddev	14.9	365.	16.9	.702	12.5
%RSD	.34965	.66642	.28450	.96397	.29067

#1	4241.8	54292.	5938.2	72.984	4278.3
#2	4260.6	54848.	5916.1	72.059	4284.2
#3	4271.2	54979.	5949.2	73.436	4302.2

Sample Name: K2201-02 Acquired: 4/19/2019 23:03:51 Type: Unk
 Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PL-01-041819 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00075	-.00148	.00453	.00120	-.00081	.10098	.16080	.00005
Stddev	.00122	.00094	.00067	.00127	.00105	.00891	.00075	.00008
%RSD	162.01	63.082	14.727	105.48	129.46	8.8284	.46946	170.37

#1	.00060	-.00249	.00394	-.00005	-.00083	.10986	.16126	-.00003
#2	-.00110	-.00065	.00526	.00248	.00025	.09203	.15993	.00004
#3	-.00176	-.00130	.00439	.00118	-.00186	.10103	.16122	.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00032	15.735	.00010	.00688	.01011	.08224	1.4012	2.5010
Stddev	.00004	.095	.00016	.00006	.00031	.00046	.0006	.0382
%RSD	13.830	.60371	166.89	.80428	3.0267	.56306	.03980	1.5289

#1	.00036	15.626	-.00006	.00686	.01029	.08254	1.4009	2.4866
#2	.00027	15.795	.00009	.00695	.00976	.08247	1.4019	2.4720
#3	.00033	15.785	.00026	.00685	.01028	.08170	1.4010	2.5443

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00436	-.00092	292.54	-.00020	.06912	.79226	.00003	.01430
Stddev	.00023	.00025	2.43	.00007	.00028	.01600	.00026	.00668
%RSD	5.3524	27.304	.82955	34.207	.40081	2.0193	889.14	46.704

#1	.00445	-.00069	292.55	-.00014	.06899	.77401	.00022	.02090
#2	.00409	-.00089	290.11	-.00018	.06893	.80386	-.00026	.01444
#3	.00453	-.00119	294.96	-.00028	.06944	.79890	.00013	.00755

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22094	.56523	-.00141	.00385	-.00274	.0041	.06607	7.6162
Stddev	.00474	.00088	.00027	.00219	.00164	.0002	.00038	.1218
%RSD	2.1452	.15595	19.069	56.843	59.853	5.624	.57450	1.5989

#1	.22355	.56524	-.00171	.00324	-.00438	.0043	.06564	7.6290
#2	.21547	.56435	-.00133	.00629	-.00110	.0039	.06638	7.7311
#3	.22380	.56611	-.00120	.00204	-.00275	.0040	.06618	7.4885

Sample Name: K2201-02 Acquired: 4/19/2019 23:03:51 Type: Unk
 Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PL-01-041819 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 10.054
 Stddev 1.490
 %RSD 14.824

#1 10.284
 #2 8.4625
 #3 11.417

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4336.7	55639.	6068.2	74.544	4355.3
Stddev	4.1	101.	26.3	1.531	5.2
%RSD	.09464	.18192	.43327	2.0537	.11946

#1	4337.7	55537.	6098.6	76.223	4351.8
#2	4332.2	55641.	6052.6	73.225	4361.2
#3	4340.3	55740.	6053.5	74.184	4352.7

Sample Name: K2201-04 Acquired: 4/19/2019 23:08:26 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PL-01-041819 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00289	-.00228	.00305	.00093	.00009	.17863	.09651	-.00002
Stddev	.00249	.00201	.00036	.00141	.00071	.01306	.00030	.00001
%RSD	85.920	87.973	11.695	151.42	780.01	7.3125	.30751	50.808

#1	-.00531	-.00059	.00276	-.00047	-.00010	.16485	.09683	-.00003
#2	-.00303	-.00450	.00345	.00091	-.00051	.18021	.09625	-.00001
#3	-.00034	-.00175	.00295	.00234	.00088	.19084	.09645	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	15.261	.00101	.00047	.00727	.16309	.20498	1.3087
Stddev	.00006	.050	.00065	.00016	.00013	.00164	.00047	.0348
%RSD	183.78	.32724	63.989	35.166	1.7615	1.0064	.22699	2.6630

#1	-.00001	15.223	.00151	.00063	.00713	.16150	.20480	1.2948
#2	.00009	15.243	.00125	.00048	.00732	.16300	.20551	1.2830
#3	.00001	15.318	.00028	.00030	.00737	.16478	.20463	1.3484

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00164	-.00092	260.64	.00020	.03618	.65820	.00026	.01579
Stddev	.00007	.00018	.64	.00008	.00019	.03317	.00005	.01256
%RSD	4.2739	19.518	.24416	39.982	.52330	5.0391	21.136	79.497

#1	.00157	-.00087	259.97	.00025	.03626	.62021	.00029	.00254
#2	.00165	-.00077	260.71	.00011	.03597	.67301	.00019	.02751
#3	.00171	-.00112	261.23	.00025	.03632	.68138	.00029	.01732

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.36288	1.0386	-.00181	.00663	-.00222	.0066	.05898	7.5547
Stddev	.00372	.0059	.00118	.00074	.00087	.0018	.00006	.2007
%RSD	1.0264	.56639	65.180	11.107	39.056	27.78	.09917	2.6565

#1	.35996	1.0354	-.00088	.00578	-.00161	.0068	.05899	7.6436
#2	.36708	1.0350	-.00314	.00712	-.00183	.0083	.05892	7.6955
#3	.36160	1.0454	-.00142	.00698	-.00321	.0046	.05904	7.3249

Sample Name: K2201-04 Acquired: 4/19/2019 23:08:26 Type: Unk
 Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PL-01-041819 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	8.9787
Stddev	1.3286
%RSD	14.798

#1	10.181
#2	9.2037
#3	7.5520

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4311.6	55275.	6011.7	72.529	4348.2
Stddev	8.2	216.	13.9	.569	10.1
%RSD	.19012	.39128	.23143	.78445	.23280

#1	4304.5	55032.	5996.3	73.123	4341.8
#2	4309.7	55448.	6023.3	71.989	4342.9
#3	4320.6	55345.	6015.5	72.475	4359.8

Sample Name: K2201-06 Acquired: 4/19/2019 23:13:02 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PL-01-041819 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00254	-.00092	.00404	-.00117	.00009	.47086	.09843	.00004
Stddev	.00217	.00097	.00016	.00128	.00175	.01327	.00028	.00003
%RSD	85.383	105.98	3.9031	109.00	1896.6	2.8172	.28903	74.158

#1	-.00414	-.00158	.00386	-.00137	-.00179	.45917	.09814	.00006
#2	-.00007	-.00138	.00416	.00019	.00039	.46815	.09871	.00004
#3	-.00342	.00020	.00411	-.00234	.00167	.48528	.09843	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	16.532	.00109	.00032	.00367	.50432	.11087	1.4438
Stddev	.00003	.141	.00014	.00009	.00013	.00149	.00029	.0947
%RSD	186.72	.85045	12.982	29.383	3.6782	.29626	.25764	6.5560

#1	-.00003	16.371	.00094	.00022	.00373	.50571	.11120	1.3367
#2	-.00003	16.602	.00113	.00034	.00375	.50274	.11065	1.5162
#3	.00002	16.625	.00121	.00040	.00351	.50452	.11077	1.4786

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00165	-.00107	270.88	.00059	.03629	.60447	-.00002	.01042
Stddev	.00047	.00027	1.69	.00027	.00019	.03009	.00011	.00910
%RSD	28.674	25.569	.62374	46.357	.51420	4.9784	581.65	87.313

#1	.00130	-.00100	269.38	.00035	.03628	.61880	-.00007	.00203
#2	.00146	-.00136	270.54	.00089	.03648	.62471	.00010	.00915
#3	.00219	-.00083	272.71	.00053	.03611	.56989	-.00008	.02009

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.39386	1.4775	-.00144	.01788	-.00271	.0125	.06292	7.3506
Stddev	.00213	.0159	.00072	.00148	.00039	.0004	.00031	.1411
%RSD	.54104	1.0779	49.920	8.2784	14.541	3.308	.49540	1.9198

#1	.39461	1.4885	-.00073	.01887	-.00226	.0123	.06256	7.1883
#2	.39550	1.4848	-.00141	.01860	-.00287	.0122	.06315	7.4193
#3	.39145	1.4592	-.00217	.01618	-.00299	.0129	.06304	7.4441

Sample Name: K2201-06 Acquired: 4/19/2019 23:13:02 Type: Unk
 Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PL-01-041819 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	9.9638
Stddev	1.8527
%RSD	18.594

#1	10.953
#2	7.8264
#3	11.112

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4361.9	55800.	6077.7	74.343	4392.6
Stddev	13.9	169.	7.9	1.108	7.9
%RSD	.31764	.30208	.13013	1.4907	.17915

#1	4346.1	55631.	6070.1	73.066	4384.4
#2	4372.2	55968.	6085.8	75.050	4393.4
#3	4367.4	55802.	6077.2	74.914	4400.1

Sample Name: K2201-08 Acquired: 4/19/2019 23:17:37 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PL-01-041819 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	-.00279	.00474	.00192	-.00106	.14757	.11163	.00008
Stddev	.00191	.00034	.00080	.00034	.00139	.01102	.00018	.00007
%RSD	75.306	12.055	16.786	17.577	131.06	7.4704	.16523	81.684

#1	-.00433	-.00317	.00461	.00164	.00043	.13552	.11171	.00014
#2	-.00275	-.00268	.00560	.00183	-.00129	.15003	.11177	.00001
#3	-.00053	-.00252	.00403	.00229	-.00233	.15716	.11142	.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	20.748	.00055	.00337	.00819	.02685	.60453	1.7186
Stddev	.00004	.132	.00025	.00010	.00013	.00078	.00155	.0640
%RSD	33.716	.63425	46.291	2.9286	1.5440	2.9203	.25683	3.7226

#1	.00011	20.604	.00042	.00339	.00825	.02765	.60331	1.6646
#2	.00017	20.778	.00084	.00346	.00829	.02609	.60399	1.7892
#3	.00009	20.862	.00038	.00326	.00805	.02681	.60628	1.7019

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00356	-.00141	281.39	-.00036	.03250	.74678	.00013	.00916
Stddev	.00024	.00042	.94	.00021	.00001	.02366	.00015	.01159
%RSD	6.6404	29.432	.33521	56.805	.03517	3.1687	116.31	126.49

#1	.00370	-.00116	280.42	-.00017	.03250	.76839	-.00004	-.00057
#2	.00369	-.00189	282.30	-.00034	.03249	.75046	.00022	.02199
#3	.00328	-.00119	281.44	-.00058	.03251	.72149	.00021	.00608

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.61958	1.4045	-.00174	.00093	-.00123	.0026	.07070	7.3596
Stddev	.00625	.0039	.00058	.00063	.00048	.0004	.00005	.1504
%RSD	1.0081	.27669	33.148	67.537	38.789	15.29	.06849	2.0430

#1	.61489	1.4001	-.00221	.00027	-.00119	.0026	.07068	7.4531
#2	.62667	1.4060	-.00110	.00101	-.00172	.0023	.07066	7.4396
#3	.61717	1.4074	-.00192	.00152	-.00077	.0031	.07075	7.1862

Sample Name: K2201-08 Acquired: 4/19/2019 23:17:37 Type: Unk
 Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PL-01-041819 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	9.5665
Stddev	.2664
%RSD	2.7848

#1	9.2679
#2	9.6518
#3	9.7798

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4349.9	55555.	6114.7	74.877	4363.9
Stddev	15.2	136.	16.4	1.076	12.0
%RSD	.34917	.24414	.26776	1.4367	.27443

#1	4333.3	55399.	6097.0	74.043	4353.2
#2	4353.2	55620.	6129.3	76.091	4361.6
#3	4363.1	55645.	6117.8	74.495	4376.8

Sample Name: K2201-10 Acquired: 4/19/2019 23:22:13 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PL-01-041819 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00330	-.00305	.00135	.00126	.00013	.09477	.11645	.00002
Stddev	.00225	.00053	.00077	.00060	.00063	.00357	.00055	.00007
%RSD	68.007	17.249	57.023	47.716	505.88	3.7681	.47596	364.29

#1	-.00583	-.00334	.00053	.00063	-.00050	.09289	.11586	-.00006
#2	-.00253	-.00244	.00207	.00132	.00077	.09889	.11651	.00008
#3	-.00155	-.00337	.00146	.00182	.00011	.09254	.11696	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	18.661	.00042	.00440	.00591	.03899	.79628	2.8700
Stddev	.00007	.085	.00005	.00007	.00002	.00079	.00288	.0576
%RSD	59.326	.45735	11.353	1.5394	.33960	2.0283	.36133	2.0065

#1	.00021	18.562	.00038	.00436	.00589	.03978	.79297	2.8588
#2	.00007	18.708	.00039	.00448	.00593	.03820	.79820	2.8189
#3	.00009	18.712	.00047	.00437	.00592	.03899	.79767	2.9324

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00342	-.00097	298.17	-.00024	.02257	.75756	.00009	.01662
Stddev	.00047	.00028	2.88	.00031	.00005	.02040	.00014	.01198
%RSD	13.719	29.209	.96718	127.76	.21068	2.6933	154.98	72.085

#1	.00353	-.00104	297.14	.00011	.02259	.73426	-.00004	.01335
#2	.00290	-.00120	301.43	-.00039	.02261	.77220	.00023	.02989
#3	.00382	-.00065	295.94	-.00044	.02252	.76623	.00007	.00661

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20239	.73179	-.00179	.00203	-.00170	.0080	.06749	7.4180
Stddev	.00337	.00071	.00018	.00063	.00103	.0008	.00019	.1444
%RSD	1.6627	.09662	10.134	31.170	60.648	10.03	.27993	1.9465

#1	.20554	.73122	-.00183	.00198	-.00089	.0090	.06735	7.2919
#2	.20278	.73258	-.00194	.00269	-.00286	.0077	.06770	7.5755
#3	.19885	.73157	-.00159	.00143	-.00136	.0075	.06740	7.3864

Sample Name: K2201-10 Acquired: 4/19/2019 23:22:13 Type: Unk
 Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PL-01-041819 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 15.513
 Stddev 1.173
 %RSD 7.5616

#1 14.387
 #2 15.423
 #3 16.728

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4345.2	55676.	6086.6	75.712	4349.0
Stddev	4.2	173.	34.0	1.181	4.2
%RSD	.09693	.31081	.55910	1.5601	.09566

#1	4340.4	55612.	6083.0	74.370	4344.6
#2	4348.0	55544.	6054.5	76.170	4349.7
#3	4347.2	55872.	6122.3	76.595	4352.9

Sample Name: K2202-02 Acquired: 4/19/2019 23:26:48 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SA-06-041819 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	-.00213	.00370	.00187	.00038	.25306	.09709	.00002
Stddev	.00157	.00012	.00024	.00159	.00062	.01017	.00021	.00002
%RSD	81.921	5.7952	6.4889	85.209	165.70	4.0170	.21393	152.75

#1	-.00011	-.00199	.00356	.00248	.00061	.26384	.09720	-.00001
#2	-.00294	-.00216	.00397	.00306	.00085	.24364	.09685	.00004
#3	-.00270	-.00223	.00355	.00006	-.00033	.25170	.09722	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	12.281	.00088	.00265	.00224	.45561	.22046	1.6769
Stddev	.00004	.100	.00029	.00001	.00044	.00136	.00037	.0384
%RSD	39.798	.81445	33.379	.20090	19.652	.29794	.16658	2.2892

#1	.00013	12.168	.00105	.00266	.00274	.45594	.22029	1.7061
#2	.00005	12.358	.00105	.00265	.00205	.45677	.22021	1.6912
#3	.00010	12.317	.00054	.00265	.00193	.45411	.22088	1.6334

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00179	-.00104	272.59	.00033	.03285	.96575	.00003	.02282
Stddev	.00030	.00025	1.17	.00039	.00008	.02512	.00003	.00663
%RSD	16.674	23.889	.42815	118.36	.23757	2.6012	133.41	29.055

#1	.00151	-.00076	271.37	.00001	.03287	.98283	-.00001	.02321
#2	.00177	-.00124	273.69	.00077	.03277	.97752	.00006	.02924
#3	.00211	-.00111	272.72	.00022	.03292	.93691	.00003	.01600

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47124	.94109	-.00127	.00995	-.00188	.0032	.04771	7.1849
Stddev	.00080	.00424	.00058	.00041	.00101	.0016	.00023	.1448
%RSD	.16887	.45084	45.658	4.0695	53.370	50.52	.48723	2.0149

#1	.47052	.93911	-.00188	.01025	-.00273	.0024	.04745	7.1497
#2	.47111	.94596	-.00123	.00949	-.00215	.0021	.04788	7.3441
#3	.47209	.93820	-.00072	.01012	-.00077	.0050	.04781	7.0611

Sample Name: K2202-02 Acquired: 4/19/2019 23:26:48 Type: Unk
 Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SA-06-041819 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 10.541
 Stddev 1.013
 %RSD 9.6074

#1 10.119
 #2 11.696
 #3 9.8067

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4358.4	55432.	6028.0	73.768	4388.3
Stddev	20.1	148.	28.6	2.677	15.7
%RSD	.46130	.26613	.47519	3.6284	.35819

#1	4348.4	55264.	6061.0	70.709	4379.4
#2	4345.2	55490.	6013.4	74.916	4379.2
#3	4381.5	55541.	6009.6	75.680	4406.5

Sample Name: K2202-04 Acquired: 4/19/2019 23:31:24 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SA-06-041819 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00100	-.00192	.00832	.00247	.00018	.15331	.09987	-.00002
Stddev	.00228	.00169	.00090	.00043	.00010	.01285	.00042	.00010
%RSD	227.88	87.823	10.785	17.265	53.100	8.3824	.41837	584.32

#1	.00058	-.00155	.00929	.00259	.00010	.13853	.10035	-.00012
#2	-.00362	-.00376	.00751	.00281	.00029	.16186	.09967	.00001
#3	.00003	-.00045	.00818	.00199	.00017	.15953	.09959	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	15.886	.00059	.00293	.00521	.42356	.32112	1.7793
Stddev	.00007	.005	.00016	.00024	.00030	.00235	.00020	.0392
%RSD	133.79	.03088	26.822	8.1086	5.7800	.55541	.06159	2.2056

#1	-.00003	15.886	.00042	.00266	.00505	.42625	.32115	1.7340
#2	.00009	15.881	.00073	.00305	.00503	.42254	.32090	1.8014
#3	.00010	15.890	.00063	.00309	.00556	.42188	.32129	1.8025

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00165	-.00143	290.83	.00028	.03918	.76463	-.00003	.02358
Stddev	.00009	.00032	.92	.00014	.00024	.03244	.00002	.00708
%RSD	5.3727	22.222	.31592	50.811	.62164	4.2432	76.590	30.043

#1	.00155	-.00115	289.87	.00016	.03938	.77623	-.00004	.02765
#2	.00171	-.00137	290.94	.00043	.03891	.72798	-.00005	.02769
#3	.00170	-.00177	291.69	.00024	.03925	.78968	-.00000	.01540

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50703	.57206	-.00146	.00438	-.00239	.0061	.03636	7.3824
Stddev	.00179	.00116	.00053	.00098	.00280	.0011	.00009	.1451
%RSD	.35234	.20355	36.574	22.424	117.21	18.23	.25247	1.9651

#1	.50562	.57139	-.00148	.00517	-.00560	.0049	.03645	7.5480
#2	.50904	.57340	-.00199	.00328	-.00108	.0071	.03635	7.3219
#3	.50643	.57138	-.00092	.00469	-.00048	.0063	.03627	7.2774

Sample Name: K2202-04 Acquired: 4/19/2019 23:31:24 Type: Unk
 Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SA-06-041819 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	9.2995
Stddev	2.1536
%RSD	23.159

#1	7.4595
#2	11.668
#3	8.7707

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4343.2	55731.	6088.0	75.733	4361.3
Stddev	13.6	55.	3.2	.690	13.9
%RSD	.31234	.09824	.05191	.91083	.31913

#1	4329.7	55672.	6090.5	76.084	4348.9
#2	4343.1	55781.	6084.4	76.177	4358.6
#3	4356.9	55738.	6089.0	74.939	4376.4

Sample Name: K2203-14 Acquired: 4/19/2019 23:35:59 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-02-041819 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.00180	.00080	.00178	-.00025	.12384	.09848	.00013
Stddev	.00046	.00045	.00076	.00362	.00032	.00722	.00068	.00004
%RSD	1607.1	24.921	94.412	202.98	129.29	5.8279	.68735	29.109

#1	.00053	-.00129	-.00005	.00246	.00012	.12489	.09779	.00016
#2	-.00037	-.00199	.00105	-.00213	-.00046	.11615	.09914	.00014
#3	-.00007	-.00213	.00140	.00501	-.00040	.13047	.09850	.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	16.709	-.00034	.02725	.01166	1.9735	1.2461	1.4986
Stddev	.00006	.043	.00014	.00022	.00046	.0072	.0036	.0099
%RSD	129.26	.25757	41.237	.81874	3.9735	.36246	.28838	.66233

#1	.00011	16.725	-.00044	.02718	.01112	1.9652	1.2420	1.4947
#2	-.00000	16.742	-.00018	.02750	.01193	1.9775	1.2479	1.5099
#3	.00003	16.661	-.00041	.02707	.01192	1.9777	1.2485	1.4912

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00333	-.00123	324.57	-.00047	.02442	.53654	-.00009	.02982
Stddev	.00051	.00015	2.41	.00028	.00010	.02887	.00012	.01874
%RSD	15.259	11.976	.74277	58.965	.40706	5.3809	136.89	62.833

#1	.00275	-.00119	321.84	-.00075	.02434	.55205	-.00021	.02325
#2	.00361	-.00110	325.47	-.00045	.02440	.50323	.00004	.01525
#3	.00364	-.00139	326.41	-.00020	.02453	.55434	-.00010	.05096

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16561	.84993	-.00096	.00238	-.00103	.0032	.05950	7.5380
Stddev	.00289	.00422	.00012	.00106	.00156	.0009	.00014	.0868
%RSD	1.7464	.49649	13.054	44.568	151.75	26.61	.23866	1.1514

#1	.16891	.85477	-.00100	.00332	-.00218	.0030	.05965	7.6344
#2	.16352	.84801	-.00105	.00123	-.00165	.0041	.05950	7.5136
#3	.16440	.84702	-.00082	.00260	.00075	.0025	.05936	7.4660

Sample Name: K2203-14 Acquired: 4/19/2019 23:35:59 Type: Unk
 Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SU-02-041819 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	13.776
Stddev	.422
%RSD	3.0655

#1	13.820
#2	13.333
#3	14.174

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4318.9	55205.	6049.6	74.200	4300.4
Stddev	7.6	156.	56.2	3.073	8.1
%RSD	.17682	.28225	.92933	4.1420	.18923

#1	4310.3	55286.	5991.3	70.661	4294.9
#2	4324.6	55026.	6053.9	76.202	4296.7
#3	4322.0	55304.	6103.5	75.736	4309.8

Sample Name: K2203-16 Acquired: 4/19/2019 23:40:35 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-02-041819 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	-.00210	.00126	.00182	-.00026	.09561	.14724	.00005
Stddev	.00096	.00084	.00041	.00116	.00177	.00105	.00074	.00002
%RSD	156.49	39.752	32.827	63.736	667.94	1.1013	.50502	34.344

#1	-.00164	-.00150	.00166	.00314	.00130	.09486	.14796	.00006
#2	-.00046	-.00175	.00083	.00095	-.00219	.09681	.14647	.00003
#3	.00026	-.00306	.00129	.00138	.00010	.09515	.14729	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	21.074	.00028	.01001	.00441	.07496	.70343	5.0755
Stddev	.00006	.083	.00048	.00020	.00037	.00018	.00215	.0599
%RSD	65.146	.39288	173.22	2.0309	8.3981	.23756	.30582	1.1795

#1	.00004	21.034	.00008	.01021	.00481	.07505	.70224	5.0083
#2	.00015	21.019	-.00007	.01003	.00435	.07508	.70214	5.1232
#3	.00007	21.169	.00082	.00980	.00408	.07475	.70591	5.0951

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00211	-.00094	323.68	-.00005	.03260	1.0073	.00018	.02097
Stddev	.00033	.00066	3.08	.00024	.00011	.0351	.00002	.01113
%RSD	15.682	69.958	.95184	505.45	.35147	3.4883	11.743	53.105

#1	.00234	-.00144	325.54	-.00010	.03253	.97022	.00016	.03140
#2	.00226	-.00019	325.38	.00022	.03255	1.0401	.00020	.02226
#3	.00173	-.00119	320.12	-.00026	.03273	1.0114	.00017	.00924

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.29274	.94093	-.00028	.00403	-.00042	.0052	.06419	7.5069
Stddev	.00150	.01552	.00040	.00089	.00177	.0008	.00009	.1168
%RSD	.51332	1.6499	142.55	22.112	422.74	16.23	.14214	1.5560

#1	.29282	.93763	.00018	.00429	-.00242	.0057	.06424	7.5476
#2	.29120	.92732	-.00047	.00304	.00022	.0043	.06408	7.5978
#3	.29420	.95784	-.00055	.00477	.00094	.0058	.06424	7.3752

Sample Name: K2203-16 Acquired: 4/19/2019 23:40:35 Type: Unk
 Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SU-02-041819 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 10.666
 Stddev 1.075
 %RSD 10.075

#1 11.841
 #2 10.425
 #3 9.7328

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4291.8	54969.	6055.0	74.352	4272.2
Stddev	3.9	128.	15.5	1.772	.9
%RSD	.09108	.23196	.25673	2.3831	.02107

#1	4288.4	54822.	6037.9	73.593	4272.8
#2	4291.1	55049.	6068.3	73.086	4272.6
#3	4296.1	55036.	6058.9	76.377	4271.2

Sample Name: CCV13 Acquired: 4/19/2019 23:45:10 Type: Unk
Method: P4-ICP2(v3058) 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	5.1467	5.2176	4.9598	5.3237	5.0669	9.6478	10.420	.25464
Stddev	.0047	.0133	.0066	.0074	.0099	.0257	.026	.00095
%RSD	.09149	.25529	.13323	.13901	.19521	.26641	.24748	.37192
#1	5.1467	5.2053	4.9603	5.3322	5.0781	9.6182	10.429	.25432
#2	5.1515	5.2318	4.9530	5.3203	5.0634	9.6607	10.440	.25570
#3	5.1421	5.2158	4.9662	5.3185	5.0592	9.6645	10.391	.25389
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4763	25.480	.99980	2.5164	1.2607	5.0648	2.5866	25.305
Stddev	.0022	.097	.00261	.0029	.0028	.0041	.0013	.237
%RSD	.08846	.37980	.26110	.11331	.22429	.08022	.05091	.93640
#1	2.4743	25.369	.99973	2.5147	1.2628	5.0637	2.5852	25.033
#2	2.4760	25.542	1.0024	2.5149	1.2575	5.0693	2.5870	25.414
#3	2.4787	25.531	.99722	2.5197	1.2617	5.0614	2.5877	25.468
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4981	1.2703	25.518	2.5764	2.5150	23.790	5.0403	5.3340
Stddev	.0014	.0023	.092	.0030	.0016	.118	.0062	.0040
%RSD	.05516	.18444	.36205	.11569	.06530	.49812	.12206	.07504
#1	2.4966	1.2702	25.518	2.5767	2.5131	23.850	5.0469	5.3341
#2	2.4985	1.2726	25.610	2.5792	2.5159	23.866	5.0347	5.3299
#3	2.4993	1.2679	25.425	2.5733	2.5159	23.653	5.0394	5.3379
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.3125	4.8159	5.0719	5.0318	4.5993	5.358	5.0753	F 6.9020
Stddev	.0033	.0221	.0101	.0066	.0176	.001	.0124	.0920
%RSD	.06232	.45963	.19869	.13019	.38269	.0268	.24436	1.3326
#1	5.3127	4.8095	5.0627	5.0321	4.6193	5.356	5.0895	7.0052
#2	5.3092	4.7976	5.0827	5.0251	4.5922	5.359	5.0666	6.8723
#3	5.3158	4.8405	5.0705	5.0382	4.5863	5.357	5.0699	6.8285

Sample Name: CCV13 Acquired: 4/19/2019 23:45:10 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.0528
Stddev .8518
%RSD 41.495

#1 2.9593
#2 1.2690
#3 1.9300

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4490.5	57616.	6144.5	75.206	4530.1
Stddev	7.9	202.	24.5	.577	3.6
%RSD	.17577	.35118	.39866	.76783	.07896

#1	4481.4	57493.	6116.3	75.624	4525.9
#2	4495.8	57506.	6160.5	75.448	4531.9
#3	4494.3	57850.	6156.8	74.547	4532.4

Sample Name: CCB13 Acquired: 4/19/2019 23:49:11 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB119015BL 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	.00037	-.00026	-.00061	.00074	-.01417	.00146	-.00002
Stddev	.00165	.00088	.00043	.00326	.00065	.01440	.00048	.00005
%RSD	104.97	237.92	165.05	537.87	86.756	101.58	33.063	230.95
#1	.00211	.00118	-.00035	.00316	.00116	-.03074	.00117	-.00003
#2	-.00028	-.00056	.00021	-.00251	.00107	-.00479	.00119	.00003
#3	.00289	.00048	-.00064	-.00247	.00000	-.00698	.00202	-.00006
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.00700	.00004	-.00005	-.00038	.00016	.00004	.01636
Stddev	.00004	.00628	.00052	.00009	.00033	.00041	.00012	.03436
%RSD	361.06	89.758	1440.8	175.36	87.777	248.41	314.35	209.99
#1	.00004	.00389	-.00041	-.00013	-.00019	.00064	.00018	.05522
#2	.00002	.01423	.00062	.00004	-.00018	-.00011	-.00003	.00391
#3	-.00003	.00287	-.00010	-.00007	-.00076	-.00003	-.00004	-.01004
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00024	-.00093	.00050	-.00047	-.00043	.03969	.00027	.00901
Stddev	.00043	.00041	.00370	.00006	.00005	.04493	.00006	.00317
%RSD	176.63	44.195	735.42	12.437	11.126	113.18	22.953	35.196
#1	.00010	-.00068	.00294	-.00041	-.00049	.02205	.00023	.00745
#2	.00073	-.00071	-.00375	-.00052	-.00042	.09076	.00024	.01266
#3	-.00010	-.00141	.00232	-.00049	-.00040	.00627	.00034	.00692
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .02944	-.00118	-.00215	.00073	-.00330	.0025	.00015	F 5.6937
Stddev	.00104	.00170	.00047	.00118	.00189	.0006	.00004	.0946
%RSD	3.5371	144.24	21.744	162.47	57.407	23.40	27.191	1.6613
#1	.02827	.00051	-.00235	.00073	-.00522	.0032	.00011	5.8011
#2	.03027	-.00115	-.00249	-.00046	-.00322	.0020	.00019	5.6575
#3	.02978	-.00290	-.00162	.00190	-.00144	.0024	.00015	5.6227

Sample Name: CCB13 Acquired: 4/19/2019 23:49:11 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB119015BL Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 1.2078
Stddev	.3826
%RSD	31.672

#1	1.4578
#2	.76745
#3	1.3983

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4637.6	59203.	6049.2	73.996	5050.7
Stddev	13.3	227.	31.3	1.388	9.1
%RSD	.28717	.38274	.51725	1.8751	.17951

#1	4622.2	58954.	6013.4	72.441	5040.3
#2	4645.1	59257.	6062.7	74.441	5056.0
#3	4645.5	59398.	6071.5	75.107	5056.0

Sample Name: K2472-03 Acquired: 4/19/2019 23:53:41 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EXCAVATION-N Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00127	-.00061	.12174	.00176	-.00010	.02311	.22004	-.00003
Stddev	.00391	.00131	.00076	.00251	.00020	.00856	.00170	.00003
%RSD	307.98	213.08	.62407	142.69	192.39	37.044	.77145	111.19

#1	-.00238	.00031	.12125	.00466	.00004	.02820	.22063	-.00006
#2	-.00450	-.00004	.12262	.00038	-.00002	.01322	.22137	-.00001
#3	.00307	-.00211	.12137	.00024	-.00033	.02790	.21813	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00127	115.38	.00729	.00022	.00625	.03300	.08141	1.6258
Stddev	.00006	.60	.00027	.00024	.00011	.00125	.00018	.0373
%RSD	4.6410	.52297	3.6591	109.69	1.7270	3.7794	.21989	2.2923

#1	.00122	114.87	.00757	.00017	.00620	.03438	.08123	1.5919
#2	.00133	115.23	.00727	.00001	.00618	.03194	.08159	1.6657
#3	.00126	116.05	.00704	.00049	.00638	.03269	.08140	1.6199

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00364	-.00123	299.91	.00037	.23263	.95444	.00031	.00604
Stddev	.00016	.00019	3.08	.00039	.00058	.00835	.00015	.00447
%RSD	4.4513	15.418	1.0277	106.89	.25012	.87481	47.413	74.071

#1	.00347	-.00103	302.15	.00082	.23330	.95325	.00020	.01101
#2	.00366	-.00127	301.18	.00014	.23228	.94675	.00025	.00473
#3	.00379	-.00140	296.39	.00014	.23232	.96332	.00048	.00236

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.84421	1.3936	-.00049	-.00312	.00512	.0644	.49761	7.8987
Stddev	.00586	.0061	.00023	.00133	.00193	.0019	.00115	.0947
%RSD	.69357	.43776	47.201	42.630	37.723	3.016	.23043	1.1991

#1	.84714	1.3907	-.00023	-.00341	.00372	.0625	.49727	7.9741
#2	.83746	1.3894	-.00066	-.00429	.00432	.0645	.49668	7.9296
#3	.84801	1.4006	-.00058	-.00167	.00733	.0663	.49889	7.7924

Sample Name: K2472-03 Acquired: 4/19/2019 23:53:41 Type: Unk
 Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: EXCAVATION-N Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 15.925
 Stddev 1.333
 %RSD 8.3709

#1 17.184
 #2 16.063
 #3 14.529

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4188.3	53825.	5930.6	72.893	4185.5
Stddev	11.0	178.	11.7	1.414	6.9
%RSD	.26168	.33130	.19661	1.9395	.16469

#1	4176.2	53762.	5944.0	72.757	4183.4
#2	4191.1	53686.	5925.1	71.552	4179.9
#3	4197.6	54026.	5922.7	74.370	4193.2

Sample Name: K2475-02 Acquired: 4/19/2019 23:58:16 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-TRACK-8-9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00094	-.00247	.00272	-.00164	.00188	.04359	.09059	.00006
Stddev	.00294	.00081	.00061	.00173	.00114	.00538	.00067	.00002
%RSD	312.40	32.712	22.316	105.90	60.537	12.350	.73970	28.521

#1	-.00189	-.00273	.00339	-.00352	.00178	.04003	.09056	.00005
#2	.00236	-.00156	.00257	-.00011	.00306	.04979	.08994	.00008
#3	-.00330	-.00312	.00220	-.00128	.00079	.04096	.09128	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00022	3.1892	.00056	.00556	.00392	.04330	.20357	.93578
Stddev	.00005	.0197	.00016	.00022	.00016	.00084	.00078	.00743
%RSD	20.701	.61783	28.924	3.9153	4.0109	1.9337	.38228	.79424

#1	.00018	3.1665	.00039	.00581	.00375	.04293	.20316	.94324
#2	.00027	3.1997	.00058	.00541	.00405	.04271	.20307	.93571
#3	.00022	3.2015	.00071	.00547	.00396	.04426	.20446	.92838

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00449	-.00109	276.12	-.00024	.02864	.99182	.00018	-.01019
Stddev	.00028	.00034	.90	.00024	.00009	.02695	.00002	.01341
%RSD	6.1892	31.242	.32534	101.98	.31985	2.7176	13.411	131.53

#1	.00420	-.00077	275.09	-.00020	.02870	.99624	.00019	-.02401
#2	.00476	-.00145	276.51	-.00050	.02853	.96293	.00015	-.00933
#3	.00452	-.00105	276.75	-.00001	.02869	1.0163	.00020	.00276

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10569	.25314	-.00139	.00144	-.00393	.0081	.01680	7.6481
Stddev	.00170	.00407	.00037	.00212	.00063	.0005	.00006	.0423
%RSD	1.6123	1.6091	26.514	146.95	16.017	6.559	.37788	.55273

#1	.10373	.25090	-.00099	-.00048	-.00459	.0076	.01672	7.6888
#2	.10672	.25784	-.00146	.00109	-.00385	.0080	.01683	7.6045
#3	.10663	.25067	-.00172	.00372	-.00334	.0087	.01684	7.6511

Sample Name: K2475-02 Acquired: 4/19/2019 23:58:16 Type: Unk
 Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-TRACK-8-9 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	12.794
Stddev	.964
%RSD	7.5380

#1	12.564
#2	11.965
#3	13.853

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4314.8	55191.	5967.0	75.096	4353.6
Stddev	8.5	125.	48.8	.955	4.6
%RSD	.19588	.22713	.81774	1.2720	.10594

#1	4305.9	55171.	5975.5	74.734	4348.8
#2	4315.7	55325.	5914.5	74.375	4354.0
#3	4322.7	55077.	6011.0	76.180	4358.0

Sample Name: K2475-04 Acquired: 4/20/2019 0:02:55 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-TRACK-70- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00073	-.00252	.00587	.00106	-.00036	.11894	.13462	.00022
Stddev	.00204	.00098	.00071	.00252	.00158	.00496	.00082	.00007
%RSD	279.84	38.808	12.109	237.23	435.27	4.1708	.60848	30.055

#1	.00116	-.00140	.00507	.00386	.00053	.11653	.13368	.00024
#2	-.00045	-.00296	.00641	.00038	.00056	.12464	.13513	.00014
#3	-.00289	-.00321	.00615	-.00105	-.00219	.11564	.13506	.00027

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	3.2527	.00054	.01081	.00316	4.3396	.19985	1.7692
Stddev	.00005	.0130	.00030	.00003	.00023	.0168	.00040	.0122
%RSD	63.000	.39975	55.631	.26028	7.1929	.38706	.19800	.68856

#1	-.00003	3.2429	.00023	.01082	.00291	4.3344	.20030	1.7833
#2	-.00013	3.2477	.00056	.01078	.00319	4.3584	.19966	1.7612
#3	-.00010	3.2675	.00083	.01083	.00337	4.3261	.19958	1.7633

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04620	-.00102	303.39	.00038	.03433	.88452	-.00007	.00037
Stddev	.00038	.00027	1.14	.00055	.00023	.03256	.00007	.00820
%RSD	.81654	26.055	.37461	144.42	.66786	3.6813	109.51	2204.0

#1	.04640	-.00078	304.03	.00078	.03459	.91167	-.00003	.00918
#2	.04577	-.00097	304.07	-.00025	.03417	.89348	-.00015	-.00102
#3	.04643	-.00131	302.08	.00060	.03423	.84842	-.00002	-.00704

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14691	.37845	-.00157	.00371	-.00153	.0063	.01662	7.3407
Stddev	.00117	.00469	.00081	.00012	.00103	.0007	.00012	.0876
%RSD	.79612	1.2389	51.383	3.2689	67.377	11.05	.70809	1.1936

#1	.14821	.38055	-.00201	.00382	-.00252	.0056	.01649	7.3401
#2	.14657	.37308	-.00206	.00358	-.00161	.0063	.01673	7.2534
#3	.14595	.38172	-.00064	.00373	-.00046	.0070	.01663	7.4286

Sample Name: K2475-04 Acquired: 4/20/2019 0:02:55 Type: Unk
 Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-TRACK-70- Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	14.373
Stddev	.216
%RSD	1.5061

#1	14.187
#2	14.322
#3	14.610

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4308.8	55014.	5986.3	73.825	4329.2
Stddev	17.7	100.	12.7	.799	18.2
%RSD	.41160	.18194	.21138	1.0816	.41985

#1	4303.0	54990.	5976.2	73.866	4316.1
#2	4294.7	54928.	5982.2	73.007	4321.5
#3	4328.7	55123.	6000.5	74.602	4350.0

Sample Name: K2475-06 Acquired: 4/20/2019 0:07:32 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-TRACK-74- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.00162	.00360	.00184	-.00054	.07411	.09785	.00008
Stddev	.00215	.00051	.00010	.00090	.00147	.00155	.00034	.00005
%RSD	7759.3	31.298	2.8755	48.692	270.55	2.0900	.35176	61.512

#1	-.00218	-.00136	.00365	.00202	-.00202	.07525	.09807	.00002
#2	.00213	-.00221	.00348	.00087	.00092	.07474	.09803	.00012
#3	-.00003	-.00130	.00367	.00264	-.00053	.07235	.09746	.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	3.4160	.00016	.00162	.00271	3.2708	.23726	1.1635
Stddev	.00005	.0267	.00014	.00010	.00052	.0040	.00010	.0111
%RSD	51.728	.78270	86.555	6.3555	19.189	.12130	.04119	.95360

#1	-.00006	3.3898	.00032	.00165	.00218	3.2671	.23723	1.1683
#2	-.00016	3.4150	.00013	.00150	.00272	3.2703	.23737	1.1508
#3	-.00009	3.4433	.00004	.00170	.00322	3.2750	.23718	1.1714

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01045	-.00102	260.69	.00019	.01956	.70960	.00017	.00059
Stddev	.00038	.00019	.44	.00009	.00005	.03170	.00008	.00331
%RSD	3.6696	18.305	.16774	45.885	.24213	4.4680	48.709	564.98

#1	.01057	-.00124	260.83	.00027	.01955	.67866	.00025	-.00321
#2	.01002	-.00095	260.20	.00019	.01953	.74202	.00008	.00283
#3	.01076	-.00089	261.04	.00010	.01962	.70812	.00019	.00213

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24189	.36908	-.00195	.00207	-.00213	.0056	.03113	7.2755
Stddev	.00247	.00156	.00026	.00141	.00094	.0013	.00031	.1753
%RSD	1.0205	.42393	13.487	67.959	43.959	23.35	.99656	2.4091

#1	.24429	.37016	-.00174	.00131	-.00257	.0045	.03084	7.0867
#2	.23936	.36980	-.00186	.00121	-.00105	.0071	.03109	7.3069
#3	.24202	.36729	-.00224	.00369	-.00276	.0053	.03146	7.4330

Sample Name: K2475-06 Acquired: 4/20/2019 0:07:32 Type: Unk
 Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-TRACK-74- Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	13.223
Stddev	1.831
%RSD	13.848

#1	13.884
#2	11.153
#3	14.632

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4362.0	55593.	6079.2	73.697	4409.7
Stddev	9.6	149.	17.3	1.636	10.9
%RSD	.22104	.26729	.28439	2.2194	.24817

#1	4351.0	55519.	6079.2	71.875	4397.6
#2	4369.1	55496.	6061.9	74.177	4412.7
#3	4365.8	55764.	6096.5	75.039	4418.8

Sample Name: K2475-08 Acquired: 4/20/2019 0:12:09 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-TRACK-78- 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	-.00268	.02062	.00038	.00070	.11639	.13358	.00017
Stddev	.00071	.00092	.00040	.00176	.00080	.00195	.00080	.00003
%RSD	36.360	34.219	1.9305	460.83	114.31	1.6785	.59926	20.147

#1	-.00268	-.00178	.02101	.00194	.00148	.11652	.13327	.00013
#2	-.00195	-.00362	.02021	.00073	-.00012	.11437	.13449	.00017
#3	-.00125	-.00266	.02063	-.00153	.00074	.11827	.13298	.00020

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	3.6372	.00063	.00891	.00675	1.0170	.48173	1.0921
Stddev	.00005	.0367	.00002	.00013	.00033	.0028	.00068	.0167
%RSD	47.939	1.0105	2.6597	1.4762	4.9056	.27374	.14083	1.5309

#1	.00015	3.6022	.00064	.00901	.00687	1.0142	.48165	1.1097
#2	.00005	3.6340	.00063	.00876	.00701	1.0198	.48244	1.0901
#3	.00010	3.6755	.00061	.00895	.00638	1.0169	.48109	1.0764

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04526	-.00098	309.97	-.00048	.04150	.92156	.00004	.00759
Stddev	.00020	.00039	2.49	.00032	.00007	.02613	.00033	.01656
%RSD	.43491	39.985	.80201	68.238	.17638	2.8357	925.84	218.26

#1	.04547	-.00056	310.10	-.00083	.04141	.91046	-.00014	.02542
#2	.04523	-.00104	312.38	-.00020	.04155	.90280	-.00016	-.00729
#3	.04508	-.00133	307.42	-.00039	.04152	.95141	.00041	.00463

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.84568	.35835	-.00168	.00332	-.00218	.0028	.02289	7.4858
Stddev	.00495	.00901	.00020	.00167	.00089	.0009	.00017	.1593
%RSD	.58561	2.5148	12.100	50.418	40.881	33.68	.74806	2.1273

#1	.84152	.35101	-.00145	.00220	-.00209	.0039	.02270	7.5898
#2	.84435	.36841	-.00174	.00251	-.00311	.0021	.02294	7.3025
#3	.85116	.35564	-.00184	.00524	-.00133	.0025	.02304	7.5652

Sample Name: K2475-08 Acquired: 4/20/2019 0:12:09 Type: Unk
 Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-TRACK-78- Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	11.199
Stddev	.989
%RSD	8.8271

#1	11.798
#2	10.058
#3	11.740

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4303.9	55099.	5975.8	73.144	4347.4
Stddev	5.7	158.	16.0	.251	8.4
%RSD	.13218	.28602	.26807	.34271	.19351

#1	4297.3	54927.	5993.3	73.123	4338.0
#2	4307.0	55133.	5972.3	73.405	4349.8
#3	4307.3	55236.	5961.9	72.905	4354.3

Sample Name: K2483-01 Acquired: 4/20/2019 0:16:45 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 30134-39 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	-.00213	.00711	.00098	-.00161	.03521	.18096	-.00002
Stddev	.00217	.00024	.00008	.00165	.00170	.00564	.00078	.00008
%RSD	133.69	11.060	1.0908	169.00	105.84	16.012	.43295	331.18

#1	-.00040	-.00212	.00711	.00230	-.00145	.03098	.18081	-.00007
#2	-.00413	-.00190	.00719	.00152	-.00338	.03303	.18026	-.00006
#3	-.00034	-.00237	.00703	-.00088	.00001	.04161	.18180	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	34.440	.00088	.00948	.00001	.28113	.23837	4.3140
Stddev	.00005	.222	.00055	.00007	.00022	.00275	.00075	.0432
%RSD	58.761	.64486	62.103	.77344	2240.6	.97973	.31325	1.0008

#1	.00011	34.216	.00060	.00956	.00019	.27997	.23881	4.3195
#2	.00003	34.444	.00151	.00947	.00008	.28428	.23751	4.2683
#3	.00013	34.660	.00053	.00942	-.00024	.27915	.23879	4.3541

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00209	-.00106	281.50	-.00045	.18225	2.1141	-.00014	.05302
Stddev	.00026	.00026	2.27	.00024	.00037	.0072	.00029	.01153
%RSD	12.435	24.297	.80613	52.885	.20077	.34160	211.46	21.745

#1	.00237	-.00102	279.22	-.00021	.18183	2.1093	-.00028	.03971
#2	.00205	-.00134	281.53	-.00069	.18247	2.1106	-.00033	.05980
#3	.00185	-.00083	283.76	-.00044	.18246	2.1224	.00020	.05957

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3350	1.1036	-.00205	.00011	-.00001	.0085	.16354	7.2263
Stddev	.0050	.0039	.00058	.00056	.00041	.0005	.00084	.2708
%RSD	.37308	.35236	28.337	512.49	3892.3	5.747	.51359	3.7470

#1	1.3311	1.1060	-.00225	.00034	.00045	.0087	.16261	7.4543
#2	1.3406	1.1056	-.00140	.00052	-.00013	.0088	.16377	6.9270
#3	1.3333	1.0991	-.00250	-.00053	-.00035	.0079	.16424	7.2976

Sample Name: K2483-01 Acquired: 4/20/2019 0:16:45 Type: Unk
 Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 30134-39 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	14.655
Stddev	.229
%RSD	1.5645

#1	14.842
#2	14.400
#3	14.725

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4301.8	55277.	6010.9	73.446	4317.1
Stddev	8.8	140.	9.1	.101	4.7
%RSD	.20411	.25361	.15185	.13777	.10789

#1	4304.9	55142.	6007.3	73.545	4321.7
#2	4291.9	55422.	6021.3	73.450	4312.4
#3	4308.6	55266.	6004.2	73.343	4317.2

Sample Name: K2484-02 Acquired: 4/20/2019 0:21:20 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 72-12000 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00167	-.00265	.00173	.00144	-.00072	.17312	.23124	-.00008
Stddev	.00061	.00050	.00047	.00186	.00007	.00832	.00080	.00003
%RSD	36.395	19.046	27.116	128.76	10.297	4.8037	.34533	39.552

#1	-.00195	-.00215	.00133	-.00069	-.00074	.17757	.23038	-.00006
#2	-.00097	-.00316	.00225	.00234	-.00064	.16353	.23196	-.00006
#3	-.00208	-.00263	.00161	.00268	-.00078	.17827	.23139	-.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	8.5858	.00081	.00097	.00089	.15549	.09779	1.3766
Stddev	.00003	.0275	.00037	.00015	.00019	.00140	.00064	.0183
%RSD	94.118	.32003	45.464	15.158	20.976	.89915	.65645	1.3301

#1	-.00000	8.5602	.00050	.00114	.00068	.15394	.09711	1.3555
#2	.00004	8.5825	.00122	.00091	.00098	.15667	.09786	1.3862
#3	.00006	8.6148	.00072	.00086	.00102	.15585	.09839	1.3882

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00032	-.00101	266.11	.00016	.13860	1.0901	.00027	.05555
Stddev	.00011	.00050	1.36	.00008	.00049	.0288	.00013	.01189
%RSD	33.888	49.511	.51182	51.962	.35101	2.6430	47.243	21.402

#1	-.00024	-.00131	266.01	.00025	.13830	1.0810	.00014	.06451
#2	-.00027	-.00128	264.80	.00008	.13916	1.0669	.00039	.06009
#3	-.00044	-.00043	267.52	.00016	.13833	1.1223	.00029	.04206

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.36077	.45710	-.00174	.00552	-.00327	.0426	.04744	7.1067
Stddev	.00326	.00747	.00089	.00167	.00044	.0007	.00013	.2090
%RSD	.90282	1.6349	51.003	30.216	13.509	1.717	.26623	2.9410

#1	.35769	.44892	-.00245	.00431	-.00376	.0424	.04732	7.0602
#2	.36418	.45884	-.00202	.00482	-.00317	.0435	.04743	7.3351
#3	.36043	.46356	-.00075	.00742	-.00289	.0421	.04757	6.9249

Sample Name: K2484-02 Acquired: 4/20/2019 0:21:20 Type: Unk
 Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 72-12000 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	7.9859
Stddev	1.2248
%RSD	15.337

#1	6.5812
#2	8.8303
#3	8.5462

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4347.2	55572.	6016.6	74.429	4384.1
Stddev	9.6	108.	19.5	1.607	7.7
%RSD	.22078	.19355	.32389	2.1596	.17516

#1	4340.3	55463.	6005.4	76.275	4388.7
#2	4343.3	55574.	6039.1	73.341	4375.2
#3	4358.2	55678.	6005.3	73.670	4388.3

Sample Name: K2484-04 Acquired: 4/20/2019 0:25:55 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 200027 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00195	-.00310	.00202	-.00065	-.00011	.02851	.15047	-.00006
Stddev	.00107	.00059	.00018	.00083	.00107	.00793	.00058	.00001
%RSD	54.621	18.898	9.1289	127.82	995.50	27.811	.38415	18.468

#1	-.00099	-.00248	.00190	-.00161	-.00079	.01988	.15094	-.00007
#2	-.00310	-.00365	.00193	-.00011	-.00066	.03548	.14982	-.00005
#3	-.00176	-.00318	.00223	-.00024	.00113	.03018	.15064	-.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00084	5.1666	.00034	.00150	.00003	.00746	.09235	.67862
Stddev	.00006	.0327	.00031	.00007	.00010	.00036	.00035	.02625
%RSD	6.7807	.63219	92.225	4.7546	284.01	4.8169	.37773	3.8681

#1	.00089	5.1400	.00063	.00148	-.00007	.00715	.09272	.70315
#2	.00078	5.2030	.00001	.00158	.00005	.00737	.09203	.65093
#3	.00085	5.1568	.00038	.00145	.00012	.00785	.09230	.68179

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.00098	244.36	-.00048	.09973	.79806	.00000	.03133
Stddev	.00015	.00018	.79	.00020	.00020	.02387	.00027	.00375
%RSD	1055.7	18.116	.32243	41.875	.19801	2.9916	6104.9	11.982

#1	.00015	-.00116	243.76	-.00028	.09951	.78100	.00031	.03054
#2	-.00013	-.00081	245.26	-.00047	.09977	.82534	-.00019	.03542
#3	-.00006	-.00097	244.07	-.00067	.09989	.78783	-.00010	.02803

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24801	.22571	-.00229	.00088	-.00284	.0165	.02565	7.1357
Stddev	.00186	.00235	.00004	.00151	.00108	.0005	.00009	.1062
%RSD	.74889	1.0402	1.8930	171.10	38.116	2.853	.35681	1.4880

#1	.24606	.22841	-.00226	.00170	-.00375	.0163	.02571	7.1154
#2	.24976	.22460	-.00234	-.00086	-.00313	.0161	.02569	7.2506
#3	.24821	.22413	-.00228	.00181	-.00164	.0170	.02554	7.0411

Sample Name: K2484-04 Acquired: 4/20/2019 0:25:55 Type: Unk
 Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 200027 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	11.619
Stddev	1.108
%RSD	9.5324

#1	10.687
#2	12.844
#3	11.327

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4357.7	55431.	6002.8	74.033	4396.4
Stddev	28.3	228.	29.4	.706	15.9
%RSD	.64897	.41043	.48927	.95420	.36156

#1	4327.7	55225.	5983.6	73.743	4378.1
#2	4361.4	55392.	5988.3	74.839	4403.9
#3	4383.9	55675.	6036.6	73.518	4407.2

Sample Name: K2484-06 Acquired: 4/20/2019 0:30:32 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RT-1873 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	-.00208	.00387	.00286	-.00028	.08352	.22193	.00003
Stddev	.00040	.00065	.00028	.00245	.00058	.00469	.00053	.00002
%RSD	40.262	31.408	7.3638	85.518	209.84	5.6147	.24102	79.188

#1	-.00108	-.00152	.00364	.00468	-.00093	.08226	.22159	.00003
#2	-.00055	-.00192	.00419	.00008	.00018	.07960	.22164	.00000
#3	-.00132	-.00280	.00377	.00382	-.00008	.08872	.22254	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00019	6.2399	.00085	.00151	.00036	.00531	.06451	1.5767
Stddev	.00003	.1745	.00046	.00013	.00028	.00075	.00030	.0301
%RSD	15.757	2.7964	53.899	8.4740	79.258	14.209	.47014	1.9065

#1	.00020	6.1062	.00065	.00137	.00033	.00474	.06416	1.5423
#2	.00016	6.1761	.00052	.00161	.00065	.00616	.06473	1.5979
#3	.00021	6.4373	.00137	.00155	.00009	.00502	.06464	1.5899

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00114	-.00063	291.58	-.00087	.10955	.92713	-.00007	.03970
Stddev	.00029	.00016	.60	.00030	.00013	.03971	.00021	.00954
%RSD	25.284	25.383	.20478	34.812	.11684	4.2832	308.76	24.026

#1	.00106	-.00045	291.43	-.00114	.10968	.93750	-.00029	.04696
#2	.00090	-.00077	291.07	-.00092	.10942	.96062	.00013	.02889
#3	.00146	-.00068	292.24	-.00054	.10955	.88326	-.00005	.04323

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.37944	.29311	-.00202	.00150	-.00230	.0058	.02974	7.4233
Stddev	.00497	.00995	.00005	.00066	.00132	.0023	.00069	.1474
%RSD	1.3098	3.3957	2.6476	44.052	57.468	39.72	2.3137	1.9862

#1	.38518	.28836	-.00205	.00158	-.00381	.0073	.02927	7.2531
#2	.37639	.28642	-.00196	.00081	-.00135	.0068	.02943	7.5139
#3	.37677	.30455	-.00205	.00213	-.00173	.0031	.03053	7.5027

Sample Name: K2484-06 Acquired: 4/20/2019 0:30:32 Type: Unk
 Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RT-1873 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 8.7526
 Stddev .5157
 %RSD 5.8917

#1 8.2008
 #2 8.8345
 #3 9.2224

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4339.8	55466.	6169.4	75.573	4358.9
Stddev	6.9	233.	116.8	1.297	6.1
%RSD	.15843	.42093	1.8927	1.7158	.13999

#1	4339.4	55322.	6236.4	74.932	4352.2
#2	4333.1	55341.	6237.1	77.066	4360.3
#3	4346.8	55735.	6034.5	74.723	4364.2

Sample Name: K2193-08 Acquired: 4/20/2019 0:35:08 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HR-05-041719 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00049	-.00037	.01009	.00275	.00063	.15165	.14716	.00030
Stddev	.00166	.00103	.00093	.00128	.00053	.00930	.00085	.00004
%RSD	341.17	274.56	9.2566	46.616	84.442	6.1346	.57954	12.445

#1	.00001	-.00093	.01037	.00395	.00010	.14773	.14672	.00031
#2	.00233	.00081	.01084	.00291	.00064	.16227	.14815	.00026
#3	-.00088	-.00100	.00904	.00140	.00116	.14495	.14663	.00033

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00037	25.982	.00030	.00437	.00241	1.2899	1.0867	1.0403
Stddev	.00003	.099	.00031	.00022	.00052	.0058	.0021	.0205
%RSD	7.4428	.38042	102.79	5.1412	21.503	.45067	.19259	1.9716

#1	.00039	25.889	.00029	.00414	.00182	1.2947	1.0891	1.0323
#2	.00037	25.972	.00062	.00458	.00267	1.2915	1.0858	1.0636
#3	.00034	26.086	-.00000	.00439	.00275	1.2834	1.0852	1.0250

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00324	-.00129	240.91	.00005	.05633	.83409	.00036	.01550
Stddev	.00016	.00031	.50	.00028	.00011	.02635	.00011	.01607
%RSD	4.9483	24.224	.20623	544.24	.19323	3.1592	31.168	103.67

#1	.00335	-.00121	240.81	.00012	.05641	.82948	.00048	.03236
#2	.00306	-.00102	241.45	.00029	.05638	.81034	.00033	.00036
#3	.00332	-.00163	240.47	-.00026	.05621	.86243	.00026	.01377

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.42710	1.4928	-.00051	.00295	-.00212	.0122	.14283	7.2898
Stddev	.00383	.0099	.00075	.00032	.00100	.0009	.00006	.0670
%RSD	.89697	.66101	146.89	10.968	47.254	7.610	.04265	.91876

#1	.42705	1.4945	-.00009	.00324	-.00326	.0114	.14287	7.2218
#2	.42330	1.4821	-.00138	.00300	-.00171	.0132	.14276	7.3557
#3	.43096	1.5016	-.00007	.00260	-.00139	.0119	.14286	7.2920

Sample Name: K2193-08 Acquired: 4/20/2019 0:35:08 Type: Unk
 Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: HR-05-041719 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	14.777
Stddev	.396
%RSD	2.6829

#1	14.811
#2	14.365
#3	15.156

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4377.8	55938.	6069.4	75.552	4394.3
Stddev	11.5	41.	22.4	.780	3.5
%RSD	.26215	.07416	.36930	1.0320	.08002

#1	4366.8	55896.	6071.6	74.739	4395.6
#2	4389.7	55939.	6090.6	76.293	4397.0
#3	4376.8	55979.	6046.0	75.623	4390.3

Sample Name: CCV14 Acquired: 4/20/2019 0:39:43 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB119015BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0745	5.1932	4.9307	5.2651	4.9888	9.5884	10.317	.25254
Stddev	.0104	.0086	.0031	.0053	.0111	.0105	.030	.00022
%RSD	.20585	.16611	.06259	.10034	.22174	.10926	.28905	.08520
#1	5.0863	5.1860	4.9278	5.2617	5.0003	9.5764	10.326	.25269
#2	5.0665	5.1908	4.9302	5.2625	4.9782	9.5935	10.342	.25230
#3	5.0707	5.2027	4.9340	5.2712	4.9879	9.5954	10.284	.25264
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4647	25.377	.99998	2.5008	1.2482	5.0461	2.5714	25.154
Stddev	.0021	.006	.00069	.0039	.0024	.0082	.0025	.075
%RSD	.08671	.02445	.06936	.15395	.18930	.16262	.09609	.29866
#1	2.4631	25.382	1.0001	2.4965	1.2459	5.0518	2.5719	25.158
#2	2.4638	25.379	1.0006	2.5038	1.2483	5.0499	2.5736	25.227
#3	2.4671	25.370	.99924	2.5022	1.2506	5.0367	2.5687	25.077
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4908	1.2641	25.402	2.5742	2.4949	23.666	4.9779	5.3185
Stddev	.0027	.0030	.072	.0076	.0018	.088	.0036	.0212
%RSD	.10808	.24073	.28248	.29725	.07179	.37068	.07264	.39787
#1	2.4911	1.2672	25.395	2.5797	2.4929	23.624	4.9746	5.2999
#2	2.4879	1.2640	25.477	2.5773	2.4956	23.607	4.9817	5.3415
#3	2.4933	1.2611	25.334	2.5654	2.4962	23.767	4.9774	5.3141
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2605	4.7847	5.0516	4.9905	4.5897	5.326	5.0450	F 6.6355
Stddev	.0122	.0278	.0045	.0173	.0217	.008	.0112	.0877
%RSD	.23182	.58043	.08901	.34689	.47337	.1581	.22229	1.3212
#1	5.2740	4.7703	5.0478	5.0016	4.5994	5.336	5.0538	6.5829
#2	5.2573	4.7670	5.0506	4.9705	4.5649	5.323	5.0323	6.7367
#3	5.2502	4.8167	5.0566	4.9993	4.6050	5.320	5.0487	6.5868

Sample Name: CCV14 Acquired: 4/20/2019 0:39:43 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB119015BS Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 1.6095
Stddev	1.1632
%RSD	72.273

#1	.26637
#2	2.2913
#3	2.2709

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4537.0	57745.	6152.8	74.519	4554.2
Stddev	4.2	110.	17.3	.525	.6
%RSD	.09266	.19062	.28093	.70445	.01424

#1	4535.6	57822.	6160.2	74.099	4554.6
#2	4533.7	57619.	6165.2	75.108	4553.4
#3	4541.7	57794.	6133.1	74.351	4554.6

Sample Name: CCB14 Acquired: 4/20/2019 0:43:43 Type: Unk
Method: P4-ICP2(v3058) 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	.00130	.00003	-.00059	-.00047	.00099	-.01241	.00185	-.00000
Stddev	.00091	.00142	.00052	.00167	.00158	.00046	.00028	.00002
%RSD	69.978	4916.6	89.364	357.30	160.05	3.7326	15.031	3056.3
#1	.00098	.00166	-.00118	-.00123	.00255	-.01281	.00215	.00003
#2	.00059	-.00091	-.00039	.00144	.00101	-.01251	.00160	-.00001
#3	.00233	-.00066	-.00019	-.00162	-.00061	-.01190	.00181	-.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	.00524	.00018	.00020	-.00070	.00072	.00006	.03097
Stddev	.00001	.00340	.00016	.00014	.00002	.00022	.00003	.02516
%RSD	2716.3	64.775	87.111	68.593	3.0601	30.819	46.225	81.235
#1	.00001	.00832	.00002	.00032	-.00072	.00084	.00006	.01341
#2	-.00000	.00160	.00019	.00023	-.00067	.00084	.00008	.05980
#3	-.00001	.00580	.00033	.00005	-.00070	.00046	.00003	.01971
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00073	-.00093	-.01198	-.00030	-.00043	.03245	.00039	.00138
Stddev	.00008	.00017	.01493	.00007	.00011	.01495	.00032	.00500
%RSD	10.668	18.553	124.69	24.469	24.913	46.063	83.283	363.64
#1	.00065	-.00099	-.02865	-.00037	-.00036	.04948	.00075	.00534
#2	.00073	-.00073	.00018	-.00023	-.00055	.02155	.00014	.00303
#3	.00080	-.00106	-.00746	-.00028	-.00038	.02631	.00027	-.00424
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .02088	-.00147	-.00234	.00090	-.00409	.0040	.00013	F 5.5266
Stddev	.00130	.00174	.00036	.00073	.00165	.0004	.00003	.1414
%RSD	6.2382	118.77	15.388	81.545	40.269	9.848	25.441	2.5594
#1	.02045	.00007	-.00215	.00019	-.00291	.0043	.00015	5.5946
#2	.01985	-.00336	-.00275	.00166	-.00597	.0041	.00016	5.6211
#3	.02235	-.00111	-.00211	.00085	-.00339	.0036	.00009	5.3640

Sample Name: CCB14 Acquired: 4/20/2019 0:43:43 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.1060
Stddev 1.8646
%RSD 168.59

#1 2.1640
#2 2.2011
#3 -1.0469

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4744.1	60791.	6180.9	77.145	5139.5
Stddev	28.6	124.	27.1	.208	24.2
%RSD	.60220	.20373	.43809	.26960	.47069

#1	4772.7	60649.	6164.8	77.059	5165.7
#2	4744.2	60850.	6212.2	77.382	5134.9
#3	4715.5	60875.	6165.9	76.993	5118.0

Sample Name: K2193-08DUP Acquired: 4/20/2019 0:48:13 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HR-05-041719 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00279	-.00176	.00980	.00322	-.00106	.16374	.14835	.00019
Stddev	.00283	.00065	.00020	.00100	.00072	.00412	.00092	.00006
%RSD	101.59	36.881	2.0845	31.018	67.612	2.5190	.62092	33.206

#1	.00048	-.00190	.01004	.00291	-.00186	.16006	.14759	.00014
#2	-.00458	-.00105	.00965	.00434	-.00086	.16820	.14937	.00018
#3	-.00427	-.00232	.00973	.00242	-.00047	.16297	.14807	.00026

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00025	26.135	.00003	.00420	.00239	1.2872	1.0887	1.0490
Stddev	.00008	.037	.00032	.00020	.00017	.0029	.0022	.0336
%RSD	32.230	.14129	1173.4	4.7216	6.9780	.22285	.20385	3.2082

#1	.00032	26.166	-.00032	.00406	.00237	1.2900	1.0861	1.0354
#2	.00026	26.145	.00031	.00412	.00256	1.2873	1.0900	1.0243
#3	.00016	26.094	.00010	.00443	.00223	1.2843	1.0899	1.0874

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00257	-.00085	245.47	-.00011	.05727	.80178	.00008	.01347
Stddev	.00029	.00023	2.96	.00034	.00007	.01948	.00032	.01496
%RSD	11.134	27.752	1.2063	295.36	.11496	2.4296	426.08	111.09

#1	.00286	-.00065	242.08	-.00040	.05723	.78049	.00045	.02279
#2	.00258	-.00111	246.76	-.00020	.05724	.81872	-.00009	-.00379
#3	.00228	-.00078	247.57	.00026	.05735	.80612	-.00013	.02141

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.42880	1.4888	-.00087	.00122	-.00323	.0091	.14413	7.4402
Stddev	.00417	.0084	.00107	.00093	.00040	.0009	.00077	.0344
%RSD	.97270	.56289	122.28	76.195	12.426	10.30	.53266	.46189

#1	.42404	1.4976	-.00158	.00221	-.00300	.0099	.14499	7.4276
#2	.43182	1.4881	-.00139	.00038	-.00369	.0093	.14388	7.4791
#3	.43055	1.4809	.00036	.00106	-.00299	.0081	.14352	7.4139

Sample Name: K2193-08DUP Acquired: 4/20/2019 0:48:13 Type: Unk
 Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: HR-05-041719 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	13.262
Stddev	2.570
%RSD	19.379

#1	15.872
#2	13.179
#3	10.734

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4372.5	55794.	6063.3	76.084	4388.5
Stddev	10.4	130.	14.8	.813	9.5
%RSD	.23727	.23349	.24460	1.0689	.21624

#1	4360.6	55944.	6050.1	76.491	4380.9
#2	4379.4	55731.	6060.4	75.148	4385.4
#3	4377.5	55708.	6079.3	76.614	4399.1

Sample Name: K2193-08LX5 Acquired: 4/20/2019 0:52:48 Type: Unk

Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000

User: Bin He Custom ID1: ICSA8146 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00055	-.00099	.00196	.00037	.00008	.01999	.03066	.00002
Stddev	.00117	.00034	.00040	.00296	.00059	.01062	.00027	.00004
%RSD	210.58	34.314	20.654	808.18	699.32	53.119	.88175	175.36

#1	-.00174	-.00139	.00182	-.00208	.00043	.03224	.03048	.00002
#2	-.00052	-.00079	.00164	.00366	-.00059	.01380	.03053	-.00002
#3	.00060	-.00081	.00241	-.00048	.00042	.01391	.03097	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	5.4532	.00018	.00089	.00024	.27117	.22796	.21718
Stddev	.00007	.0062	.00036	.00024	.00012	.00128	.00026	.03395
%RSD	463.59	.11383	195.32	27.144	51.813	.47308	.11351	15.632

#1	.00005	5.4533	-.00017	.00101	.00038	.27258	.22781	.20314
#2	.00007	5.4469	.00018	.00061	.00014	.27007	.22826	.25589
#3	-.00007	5.4594	.00054	.00104	.00020	.27086	.22782	.19249

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00049	-.00085	50.033	-.00019	.01194	.17210	-.00008	-.00422
Stddev	.00030	.00007	.033	.00050	.00008	.05799	.00013	.00565
%RSD	61.501	7.7832	.06595	259.75	.65833	33.697	161.48	133.96

#1	.00082	-.00081	50.019	.00030	.01192	.19380	.00007	-.01074
#2	.00043	-.00093	50.071	-.00069	.01203	.10639	-.00014	-.00096
#3	.00023	-.00081	50.010	-.00019	.01188	.21611	-.00016	-.00095

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10534	.32221	-.00099	.00197	-.00392	.0046	.02991	6.6296
Stddev	.00163	.00566	.00075	.00143	.00057	.0010	.00011	.0766
%RSD	1.5513	1.7556	76.268	72.518	14.647	22.25	.37976	1.1556

#1	.10389	.32834	-.00143	.00285	-.00341	.0035	.03001	6.6012
#2	.10503	.32110	-.00141	.00272	-.00382	.0052	.02992	6.5713
#3	.10711	.31719	-.00012	.00032	-.00454	.0052	.02979	6.7164

Sample Name: K2193-08LX5 Acquired: 4/20/2019 0:52:48 Type: Unk
 Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA8146 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	4.4299
Stddev	.6273
%RSD	14.161

#1	5.1536
#2	4.0406
#3	4.0956

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4572.8	57673.	6069.1	76.208	4733.2
Stddev	12.8	245.	65.5	.348	9.4
%RSD	.28075	.42403	1.0788	.45630	.19873

#1	4558.1	57456.	5996.3	76.301	4722.4
#2	4578.8	57626.	6087.5	75.823	4739.7
#3	4581.5	57938.	6123.3	76.500	4737.4

Sample Name: K2193-08MS Acquired: 4/20/2019 0:57:15 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HR-05-041719 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	.78210	1.9454	.95031	2.0822	.75495	2.0630	.35803	.19657	.19385
Stddev	.00262	.0065	.00487	.0103	.00209	.0123	.00084	.00026	.00080
%RSD	.33464	.33231	.51263	.49346	.27736	.59799	.23503	.13104	.41268

#1	.78467	1.9524	.95572	2.0940	.75614	2.0703	.35714	.19634	.19477
#2	.77944	1.9397	.94626	2.0752	.75253	2.0488	.35880	.19652	.19330
#3	.78220	1.9440	.94895	2.0773	.75618	2.0699	.35816	.19685	.19348

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	28.094	.40385	.20476	.29922	4.3331	1.3248	3.0054	.50085	.06992
Stddev	.201	.00059	.00060	.00142	.0140	.0039	.0259	.00199	.00062
%RSD	.71453	.14602	.29187	.47578	.32340	.29449	.86262	.39705	.89113

#1	27.867	.40322	.20538	.30063	4.3196	1.3221	3.0350	.50232	.06948
#2	28.165	.40439	.20419	.29778	4.3322	1.3230	2.9867	.49859	.07063
#3	28.249	.40394	.20469	.29925	4.3475	1.3293	2.9946	.50165	.06964

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	250.55	.31997	.24452	10.387	.39835	.33472	.42919	2.3807	.68926
Stddev	.93	.00147	.00101	.036	.00079	.02103	.00193	.0124	.00314
%RSD	.37134	.45842	.41471	.34937	.19758	6.2826	.44979	.52135	.45552

#1	250.14	.32085	.24569	10.346	.39900	.31963	.42793	2.3730	.69029
#2	251.62	.31827	.24383	10.400	.39748	.32578	.43141	2.3950	.68574
#3	249.90	.32078	.24405	10.415	.39857	.35874	.42823	2.3740	.69176

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20377	.17709	6.174	.34099	7.3800	9.7272
Stddev	.00176	.00050	.027	.00210	.1239	1.1299
%RSD	.86601	.28343	.4406	.61586	1.6788	11.616

#1	.20185	.17726	6.205	.33874	7.3745	10.321
#2	.20531	.17652	6.153	.34290	7.2589	10.436
#3	.20417	.17748	6.165	.34132	7.5065	8.4242

Sample Name: K2193-08MS Acquired: 4/20/2019 0:57:15 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HR-05-041719 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	4399.7	55966.	5985.8	75.317	4403.8
Stddev	3.4	164.	28.0	.933	4.2
%RSD	.07715	.29285	.46714	1.2383	.09535
#1	4396.2	55810.	6001.8	75.326	4401.8
#2	4399.9	55951.	5953.5	74.381	4401.0
#3	4403.0	56137.	6002.1	76.246	4408.6

Sample Name: K2193-08MSD Acquired: 4/20/2019 1:01:32 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HR-05-041719 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	.77397	1.9339	.94379	2.0610	.74837	2.0386	.35501	.19415	.19262
Stddev	.00459	.0040	.00068	.0075	.00299	.0153	.00214	.00049	.00021
%RSD	.59299	.20861	.07231	.36384	.39991	.75054	.60237	.25128	.11035

#1	.76874	1.9384	.94349	2.0525	.74643	2.0217	.35316	.19400	.19273
#2	.77734	1.9308	.94457	2.0668	.75182	2.0427	.35452	.19469	.19276
#3	.77584	1.9324	.94331	2.0636	.74686	2.0515	.35736	.19375	.19238

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	28.096	.39970	.20303	.29669	4.2953	1.3220	2.9974	.49734	.06910
Stddev	.175	.00120	.00014	.00078	.0063	.0024	.0331	.00086	.00079
%RSD	.62445	.30010	.06982	.26436	.14749	.18551	1.1043	.17273	1.1416

#1	27.915	.39832	.20302	.29692	4.2912	1.3201	2.9646	.49787	.06835
#2	28.110	.40036	.20290	.29582	4.3026	1.3248	2.9968	.49781	.06902
#3	28.265	.40043	.20318	.29734	4.2922	1.3211	3.0308	.49635	.06992

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	250.46	.31727	.24249	10.278	.39493	.32701	.43319	2.3714	.68322
Stddev	1.98	.00060	.00073	.102	.00035	.00694	.00368	.0127	.00300
%RSD	.79228	.18892	.30056	.99540	.08870	2.1231	.84862	.53698	.43899

#1	249.75	.31665	.24333	10.170	.39453	.32098	.43533	2.3855	.68308
#2	248.94	.31785	.24206	10.291	.39514	.33460	.43529	2.3680	.68029
#3	252.71	.31730	.24208	10.373	.39514	.32544	.42894	2.3607	.68628

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20073	.17429	6.128	.33862	7.4739	9.6352
Stddev	.00256	.00276	.009	.00151	.0407	.9007
%RSD	1.2775	1.5850	.1406	.44630	.54438	9.3476

#1	.20282	.17505	6.138	.33895	7.5007	8.7014
#2	.20149	.17122	6.123	.33698	7.4270	9.7055
#3	.19787	.17658	6.123	.33995	7.4939	10.499

Sample Name: K2193-08MSD Acquired: 4/20/2019 1:01:32 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HR-05-041719 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	4374.7	55736.	5965.5	73.940	4364.9
Stddev	6.1	131.	38.4	.099	10.8
%RSD	.14012	.23486	.64301	.13419	.24720
#1	4367.7	55863.	5925.9	73.832	4353.0
#2	4379.2	55745.	6002.4	74.027	4374.1
#3	4377.2	55601.	5968.1	73.960	4367.6

Sample Name: K2193-08A Acquired: 4/20/2019 1:05:48 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB8146 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	.78557	1.9603	.95776	2.1078	.76176	2.0684	.35879	.19777	.19563
Stddev	.00125	.0035	.00299	.0048	.00214	.0162	.00062	.00019	.00019
%RSD	.15945	.17710	.31252	.22978	.28118	.78248	.17411	.09520	.09888

#1	.78488	1.9584	.95517	2.1023	.76149	2.0502	.35937	.19774	.19556
#2	.78482	1.9582	.95707	2.1113	.75976	2.0813	.35813	.19759	.19549
#3	.78702	1.9643	.96104	2.1097	.76402	2.0736	.35887	.19797	.19586

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	28.253	.40522	.20616	.30116	4.3520	1.3316	3.0067	.50425	.07055
Stddev	.164	.00043	.00046	.00047	.0053	.0021	.0326	.00072	.00040
%RSD	.57970	.10658	.22252	.15596	.12072	.16007	1.0845	.14338	.56035

#1	28.064	.40472	.20612	.30140	4.3460	1.3295	2.9704	.50430	.07099
#2	28.341	.40553	.20572	.30062	4.3557	1.3314	3.0335	.50351	.07024
#3	28.354	.40540	.20664	.30146	4.3544	1.3338	3.0163	.50495	.07041

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	251.45	.32109	.24619	10.431	.40193	.32946	.43179	2.3920	.69481
Stddev	2.94	.00055	.00048	.068	.00083	.01198	.00322	.0247	.00203
%RSD	1.1682	.17231	.19625	.64931	.20646	3.6362	.74642	1.0340	.29284

#1	250.85	.32168	.24589	10.387	.40175	.32598	.42845	2.3651	.69684
#2	254.64	.32059	.24594	10.397	.40121	.34279	.43203	2.4137	.69277
#3	248.86	.32101	.24675	10.509	.40284	.31960	.43489	2.3972	.69482

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20208	.17772	6.218	.34192	7.4527	9.6677
Stddev	.00231	.00079	.015	.00102	.1459	2.0665
%RSD	1.1408	.44676	.2365	.29720	1.9579	21.375

#1	.19999	.17701	6.235	.34101	7.5845	8.0437
#2	.20455	.17858	6.212	.34302	7.2959	11.994
#3	.20171	.17759	6.208	.34175	7.4776	8.9656

Sample Name: K2193-08A Acquired: 4/20/2019 1:05:48 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB8146 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	4362.8	55693.	5971.4	74.691	4363.2
Stddev	10.5	207.	21.6	1.337	11.4
%RSD	.24027	.37116	.36219	1.7903	.26154
#1	4351.6	55454.	5967.4	74.791	4350.0
#2	4372.4	55806.	5952.1	73.307	4369.9
#3	4364.2	55818.	5994.8	75.976	4369.7

Sample Name: K2193-10 Acquired: 4/20/2019 1:10:05 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HR-05-041719 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00034	-.00217	.00991	.00313	-.00069	.16040	.13466	.00006
Stddev	.00116	.00072	.00038	.00097	.00221	.00378	.00095	.00003
%RSD	343.29	33.043	3.8078	30.868	319.95	2.3597	.70435	54.672

#1	.00101	-.00144	.00971	.00353	-.00320	.16249	.13505	.00005
#2	-.00100	-.00220	.01034	.00383	.00017	.15603	.13534	.00004
#3	.00100	-.00288	.00967	.00203	.00096	.16268	.13358	.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00017	32.777	.00046	.00295	.00557	.06567	.99324	1.3130
Stddev	.00003	.171	.00016	.00032	.00027	.00040	.00131	.0223
%RSD	18.464	.52212	35.037	10.913	4.8970	.60918	.13164	1.6953

#1	.00021	32.609	.00056	.00280	.00573	.06613	.99174	1.3385
#2	.00014	32.771	.00027	.00273	.00525	.06548	.99407	1.3034
#3	.00017	32.951	.00054	.00332	.00571	.06540	.99393	1.2972

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00238	-.00104	260.31	-.00045	.03369	.84053	.00001	.01493
Stddev	.00040	.00033	1.24	.00012	.00012	.02228	.00023	.01011
%RSD	16.676	31.696	.47808	27.194	.36225	2.6510	1659.0	67.725

#1	.00247	-.00122	259.27	-.00035	.03382	.85995	-.00023	.00551
#2	.00273	-.00123	259.96	-.00042	.03367	.81620	.00005	.01367
#3	.00195	-.00066	261.69	-.00059	.03358	.84543	.00023	.02561

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.57956	1.7864	-.00155	.00184	-.00149	.0052	.17033	7.5440
Stddev	.00092	.0001	.00010	.00097	.00070	.0020	.00048	.1028
%RSD	.15890	.00413	6.6947	52.782	47.162	38.14	.27942	1.3621

#1	.58006	1.7864	-.00166	.00072	-.00192	.0041	.17028	7.4273
#2	.57850	1.7864	-.00146	.00234	-.00186	.0039	.16989	7.6208
#3	.58013	1.7865	-.00152	.00246	-.00068	.0074	.17083	7.5840

Sample Name: K2193-10 Acquired: 4/20/2019 1:10:05 Type: Unk
 Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: HR-05-041719 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	11.003
Stddev	2.013
%RSD	18.295

#1	9.2197
#2	13.186
#3	10.604

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4385.4	56408.	6100.6	76.594	4400.0
Stddev	7.1	17.	20.1	1.957	8.9
%RSD	.16213	.03074	.32922	2.5554	.20255

#1	4377.4	56398.	6103.8	74.934	4390.0
#2	4390.9	56428.	6118.9	78.752	4402.8
#3	4388.0	56397.	6079.1	76.095	4407.2

Sample Name: K2193-12 Acquired: 4/20/2019 1:14:41 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HR-05-041719 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	-.00180	.03486	.00188	-.00045	.16940	.11230	.00006
Stddev	.00069	.00127	.00059	.00144	.00091	.00461	.00055	.00004
%RSD	25.916	70.748	1.6874	76.528	201.75	2.7232	.49232	64.817

#1	-.00299	-.00033	.03421	.00075	.00059	.16913	.11167	.00003
#2	-.00311	-.00244	.03500	.00139	-.00104	.17415	.11255	.00004
#3	-.00186	-.00262	.03536	.00351	-.00090	.16494	.11269	.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00061	39.737	.00059	.00275	.00940	.05196	.65520	1.7256
Stddev	.00005	.194	.00013	.00004	.00073	.00024	.00128	.0138
%RSD	7.5386	.48940	21.845	1.3628	7.7390	.45736	.19464	.79693

#1	.00064	39.518	.00070	.00274	.00975	.05179	.65667	1.7135
#2	.00056	39.801	.00063	.00279	.00988	.05223	.65452	1.7227
#3	.00063	39.891	.00045	.00272	.00856	.05187	.65441	1.7406

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00243	-.00108	283.13	-.00019	.04347	.79916	.00012	.00393
Stddev	.00019	.00020	.33	.00044	.00006	.03507	.00009	.00857
%RSD	7.8010	18.604	.11648	224.50	.14041	4.3889	77.514	218.28

#1	.00236	-.00119	282.84	.00022	.04345	.83300	.00001	.01122
#2	.00229	-.00084	283.49	-.00065	.04342	.76297	.00018	.00607
#3	.00265	-.00119	283.06	-.00015	.04354	.80152	.00017	-.00551

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49899	1.4977	-.00106	.00181	-.00097	.0099	.18742	7.4234
Stddev	.00209	.0050	.00024	.00009	.00163	.0017	.00043	.0492
%RSD	.41866	.33515	22.689	5.1697	167.36	17.30	.22791	.66328

#1	.49809	1.5032	-.00133	.00171	-.00286	.0110	.18694	7.4482
#2	.49750	1.4965	-.00098	.00190	-.00003	.0079	.18757	7.4554
#3	.50138	1.4934	-.00086	.00181	-.00004	.0106	.18776	7.3667

Sample Name: K2193-12 Acquired: 4/20/2019 1:14:41 Type: Unk
 Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: HR-05-041719 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	14.741
Stddev	1.103
%RSD	7.4862

#1	13.563
#2	14.907
#3	15.752

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4363.6	55895.	6080.3	75.641	4368.3
Stddev	6.9	157.	27.9	1.284	7.5
%RSD	.15913	.28100	.45847	1.6971	.17200

#1	4362.8	55763.	6073.2	75.822	4363.9
#2	4357.0	55853.	6056.7	76.825	4364.0
#3	4370.8	56068.	6111.1	74.277	4377.0

Sample Name: K2198-06 Acquired: 4/20/2019 1:19:17 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OK-03-041719 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00159	-.00239	.01375	.00099	-.00083	.12037	.06955	-.00001
Stddev	.00474	.00077	.00094	.00204	.00110	.00156	.00071	.00004
%RSD	298.69	32.241	6.8266	205.08	132.76	1.2949	1.0146	453.79

#1	-.00584	-.00266	.01481	-.00094	-.00011	.11863	.06907	-.00006
#2	-.00244	-.00298	.01305	.00080	-.00210	.12082	.07036	.00003
#3	.00352	-.00152	.01338	.00312	-.00028	.12165	.06922	.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	15.248	.00032	.00350	.01183	.58011	.46912	.92464
Stddev	.00009	.126	.00021	.00012	.00054	.00391	.00030	.01560
%RSD	165.45	.82470	66.598	3.4210	4.5535	.67356	.06486	1.6866

#1	-.00003	15.127	.00017	.00352	.01162	.58460	.46943	.90895
#2	.00016	15.237	.00057	.00337	.01142	.57752	.46883	.92484
#3	.00004	15.378	.00023	.00360	.01244	.57821	.46908	.94014

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00311	-.00094	250.75	-.00025	.03170	.54700	.00012	.00353
Stddev	.00032	.00028	2.25	.00020	.00009	.03975	.00010	.02071
%RSD	10.421	29.827	.89678	79.674	.27973	7.2669	81.488	586.16

#1	.00273	-.00074	249.98	-.00026	.03173	.54570	.00021	-.01781
#2	.00330	-.00126	253.28	-.00044	.03160	.50792	.00001	.00485
#3	.00329	-.00082	248.98	-.00004	.03176	.58739	.00014	.02355

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13116	.40192	-.00215	.00133	-.00163	.0063	.05329	7.3754
Stddev	.00227	.00330	.00070	.00205	.00164	.0003	.00020	.1029
%RSD	1.7299	.82042	32.546	154.31	100.73	3.978	.38310	1.3954

#1	.13262	.40573	-.00146	-.00039	-.00004	.0066	.05305	7.3679
#2	.12854	.39999	-.00213	.00360	-.00332	.0061	.05342	7.2765
#3	.13231	.40004	-.00285	.00077	-.00154	.0062	.05339	7.4819

Sample Name: K2198-06 Acquired: 4/20/2019 1:19:17 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OK-03-041719 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 11.920
Stddev 1.040
%RSD 8.7283

#1 12.543
#2 10.719
#3 12.498

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4397.1	56230.	6088.4	75.401	4424.5
Stddev	8.2	264.	10.0	.676	7.5
%RSD	.18624	.47035	.16396	.89688	.17025

#1	4389.7	56242.	6093.0	75.711	4418.6
#2	4395.8	55960.	6077.0	75.866	4421.9
#3	4405.9	56489.	6095.3	74.625	4433.0

Sample Name: K2453-02 Acquired: 4/20/2019 1:23:54 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OILY-STONES Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00209	-.00200	.00246	.00109	-.00100	.03696	.05565	.00002
Stddev	.00277	.00086	.00082	.00181	.00093	.00497	.00094	.00003
%RSD	132.60	43.206	33.195	166.68	93.174	13.446	1.6944	119.35

#1	-.00209	-.00112	.00322	-.00078	-.00208	.03506	.05469	.00002
#2	-.00487	-.00203	.00255	.00120	-.00051	.03322	.05569	-.00000
#3	.00068	-.00284	.00160	.00284	-.00042	.04260	.05658	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	68.290	.00043	.00211	.00187	1.0596	.29716	27.855
Stddev	.00003	.383	.00033	.00009	.00037	.0016	.00032	.139
%RSD	59.566	.56113	75.530	4.4009	19.754	.14706	.10756	.49931

#1	-.00003	68.029	.00077	.00204	.00223	1.0581	.29683	27.728
#2	-.00008	68.730	.00012	.00221	.00190	1.0596	.29717	27.834
#3	-.00004	68.111	.00041	.00207	.00149	1.0612	.29747	28.003

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00257	-.00080	267.18	-.00037	.03359	.83846	.00024	.00008
Stddev	.00046	.00036	2.38	.00082	.00022	.02382	.00019	.01349
%RSD	17.894	45.005	.89162	223.31	.66918	2.8412	78.277	16446.

#1	.00306	-.00120	264.46	-.00050	.03341	.83736	.00005	-.01549
#2	.00215	-.00068	268.86	.00051	.03352	.81520	.00042	.00821
#3	.00248	-.00051	268.23	-.00111	.03384	.86281	.00026	.00752

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10163	.14387	-.00160	.00010	.00103	.0011	.07334	7.7568
Stddev	.00472	.00317	.00021	.00215	.00116	.0013	.00030	.1478
%RSD	4.6404	2.2052	13.415	2047.2	112.51	120.7	.41584	1.9053

#1	.10659	.14162	-.00159	.00256	-.00030	.0017	.07325	7.6886
#2	.09721	.14248	-.00139	-.00083	.00156	.0019	.07310	7.6555
#3	.10109	.14750	-.00182	-.00141	.00182	-.0004	.07369	7.9264

Sample Name: K2453-02 Acquired: 4/20/2019 1:23:54 Type: Unk
 Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OILY-STONES Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	15.275
Stddev	1.324
%RSD	8.6676

#1	16.570
#2	13.924
#3	15.330

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4281.1	55463.	6056.7	74.901	4270.0
Stddev	7.3	110.	35.6	.995	4.7
%RSD	.16964	.19791	.58739	1.3282	.10930

#1	4286.3	55516.	6022.5	73.764	4275.4
#2	4272.8	55337.	6054.1	75.609	4266.8
#3	4284.2	55536.	6093.5	75.331	4267.9

Sample Name: K2435-01DLX10 Acquired: 4/20/2019 1:28:30 Type: Unk
Method: P4-ICP2(v3058) 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	.00983	.00026	.75337	.00551	.00306	11.618	.11070
Stddev	.00185	.00099	.00137	.00104	.00034	.020	.00039
%RSD	18.803	376.11	.18246	18.918	11.143	.16823	.35192

#1	.00980	-.00033	.75270	.00491	.00322	11.603	.11071
#2	.00800	.00141	.75496	.00490	.00267	11.640	.11108
#3	.01170	-.00029	.75247	.00671	.00329	11.612	.11030

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00137	.00721	22.132	.02754	.01569	4.0883	26.723
Stddev	.00001	.00006	.068	.00026	.00009	.0053	.026
%RSD	.72541	.85371	.30557	.95422	.57446	.13065	.09773

#1	.00138	.00719	22.185	.02773	.01568	4.0909	26.752
#2	.00136	.00728	22.056	.02765	.01579	4.0917	26.715
#3	.00137	.00716	22.155	.02724	.01561	4.0821	26.702

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.64381	9.2432	.10626	-.00076	1.5722	.03837	5.1394
Stddev	.00109	.0414	.00028	.00038	.0114	.00011	.0031
%RSD	.16969	.44836	.26751	50.010	.72342	.28648	.05995

#1	.64507	9.2729	.10600	-.00080	1.5611	.03849	5.1389
#2	.64306	9.1958	.10657	-.00112	1.5716	.03834	5.1366
#3	.64332	9.2608	.10622	-.00036	1.5838	.03828	5.1427

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0243	-.00051	.01247	.39014	.18621	.12233	.36372
Stddev	.0426	.00020	.00707	.00235	.00183	.00026	.00067
%RSD	2.1044	39.210	56.701	.60244	.98123	.21275	.18397

#1	1.9875	-.00065	.00432	.39100	.18801	.12203	.36390
#2	2.0710	-.00028	.01617	.38749	.18626	.12251	.36298
#3	2.0146	-.00058	.01691	.39195	.18435	.12246	.36428

Sample Name: K2435-01DLX10 Acquired: 4/20/2019 1:28:30 Type: Unk
Method: P4-ICP2(v3058) 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	.01234	.7679	.03689	5.9447	F<.00000
Stddev	.00148	.0040	.00026	.1091	.66271
%RSD	11.968	.5226	.69571	1.8349	39.762

#1	.01195	.7717	.03714	5.9166	-1.3296
#2	.01110	.7683	.03690	6.0650	-1.2403
#3	.01397	.7637	.03662	5.8523	-2.4302

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4677.1	60024.	6225.2	76.317	4827.9
Stddev	12.1	237.	44.6	.610	4.4
%RSD	.25894	.39512	.71600	.79959	.09206

#1	4673.2	59752.	6179.8	75.707	4825.0
#2	4667.4	60186.	6268.9	76.318	4825.6
#3	4690.7	60135.	6226.8	76.927	4833.0

Sample Name: CCV15 Acquired: 4/20/2019 1:32:49 Type: Unk
 Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV14865 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1389	5.2543	4.9821	5.3432	5.0618	9.6288	10.398	.25491
Stddev	.0061	.0140	.0104	.0028	.0044	.0313	.017	.00104
%RSD	.11873	.26634	.20807	.05202	.08685	.32483	.16262	.40800
#1	5.1409	5.2576	4.9766	5.3414	5.0567	9.6093	10.397	.25575
#2	5.1437	5.2663	4.9941	5.3464	5.0645	9.6649	10.382	.25525
#3	5.1320	5.2389	4.9757	5.3418	5.0641	9.6122	10.415	.25375
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4964	25.676	1.0125	2.5313	1.2652	5.1195	2.6036	25.410
Stddev	.0042	.062	.0016	.0022	.0018	.0137	.0060	.138
%RSD	.16892	.24277	.15720	.08802	.14024	.26750	.23252	.54349
#1	2.4949	25.659	1.0141	2.5310	1.2634	5.1219	2.6094	25.258
#2	2.5011	25.623	1.0109	2.5336	1.2651	5.1319	2.6042	25.528
#3	2.4931	25.744	1.0125	2.5292	1.2670	5.1048	2.5973	25.445
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5297	1.2777	25.626	2.6110	2.5219	23.791	5.0424	5.3591
Stddev	.0024	.0025	.049	.0017	.0031	.033	.0036	.0576
%RSD	.09466	.19698	.19156	.06616	.12290	.13944	.07114	1.0744
#1	2.5294	1.2803	25.596	2.6130	2.5224	23.821	5.0388	5.3036
#2	2.5323	1.2775	25.599	2.6096	2.5247	23.756	5.0424	5.4185
#3	2.5275	1.2752	25.683	2.6105	2.5185	23.797	5.0460	5.3553
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.3228	4.8214	5.1163	5.0298	4.6227	5.396	5.0915	F 6.9764
Stddev	.0128	.0175	.0110	.0037	.0354	.029	.0307	.0564
%RSD	.23991	.36334	.21508	.07409	.76635	.5401	.60295	.80839
#1	5.3296	4.8376	5.1171	5.0280	4.6599	5.405	5.1124	6.9501
#2	5.3308	4.8028	5.1268	5.0273	4.5894	5.419	5.0562	6.9379
#3	5.3081	4.8239	5.1049	5.0341	4.6189	5.363	5.1059	7.0411

Sample Name: CCV15 Acquired: 4/20/2019 1:32:49 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14865 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3.5056
Stddev 2.3265
%RSD 66.366

#1 2.7882
#2 1.6222
#3 6.1063

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4524.9	57941.	6156.2	74.594	4538.7
Stddev	10.3	114.	30.2	.518	.9
%RSD	.22750	.19718	.49017	.69454	.01948

#1	4527.4	57836.	6125.8	74.380	4537.8
#2	4533.7	57925.	6186.1	75.185	4539.5
#3	4513.5	58063.	6156.8	74.217	4538.7

Sample Name: CCB15 Acquired: 4/20/2019 1:36:49 Type: Unk
 Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14865 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00037	.00059	-.00079	-.00139	-.00009	-.01983	.00145	-.00001
Stddev	.00104	.00019	.00059	.00201	.00157	.00211	.00036	.00002
%RSD	281.35	32.937	74.960	144.75	1837.3	10.640	24.584	153.89
#1	.00062	.00058	-.00120	.00000	.00062	-.02049	.00114	-.00002
#2	-.00028	.00079	-.00011	-.00370	-.00189	-.02154	.00184	.00001
#3	-.00146	.00040	-.00104	-.00048	.00101	-.01747	.00138	-.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	.00111	.00017	.00012	-.00027	.00011	.00002	.01583
Stddev	.00005	.00836	.00047	.00009	.00012	.00037	.00006	.02862
%RSD	117.63	756.54	271.76	70.259	44.103	336.24	383.21	180.81
#1	-.00010	.00106	-.00027	.00005	-.00013	.00053	-.00005	.04582
#2	-.00002	.00949	.00012	.00009	-.00032	-.00016	.00005	-.01119
#3	-.00001	-.00723	.00066	.00022	-.00035	-.00004	.00005	.01286
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00072	-.00119	-.06083	-.00036	-.00045	.02564	.00050	-.00039
Stddev	.00025	.00021	.00389	.00022	.00002	.00484	.00010	.00948
%RSD	34.696	17.566	6.3987	60.947	4.9194	18.872	20.329	2400.9
#1	.00064	-.00129	-.06167	-.00025	-.00043	.03053	.00058	-.00723
#2	.00100	-.00133	-.06423	-.00062	-.00044	.02552	.00054	-.00438
#3	.00052	-.00095	-.05659	-.00022	-.00048	.02086	.00039	.01043
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01859	-.00148	-.00213	.00055	-.00409	.0037	.00008	F 5.7647
Stddev	.00403	.00101	.00029	.00100	.00098	.0011	.00002	.1627
%RSD	21.660	68.437	13.747	180.62	23.863	29.43	19.823	2.8220
#1	.02293	-.00042	-.00216	-.00059	-.00306	.0039	.00009	5.9044
#2	.01497	-.00158	-.00241	.00102	-.00501	.0047	.00007	5.8037
#3	.01788	-.00244	-.00182	.00124	-.00420	.0025	.00010	5.5861

Sample Name: CCB15 Acquired: 4/20/2019 1:36:49 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14865 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .42183
Stddev .26707
%RSD 63.313

#1 .31622
#2 .72556
#3 .22371

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4693.2	59611.	6110.1	77.567	5109.6
Stddev	11.7	179.	18.1	.493	16.8
%RSD	.24974	.29972	.29589	.63552	.32846

#1	4682.0	59449.	6097.0	77.018	5090.4
#2	4705.4	59582.	6102.5	77.709	5121.4
#3	4692.1	59802.	6130.7	77.973	5117.0