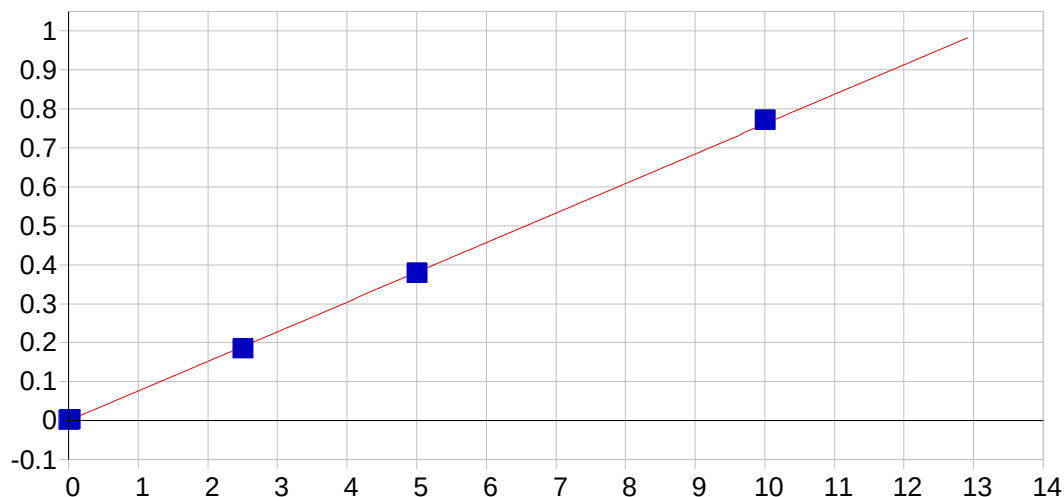


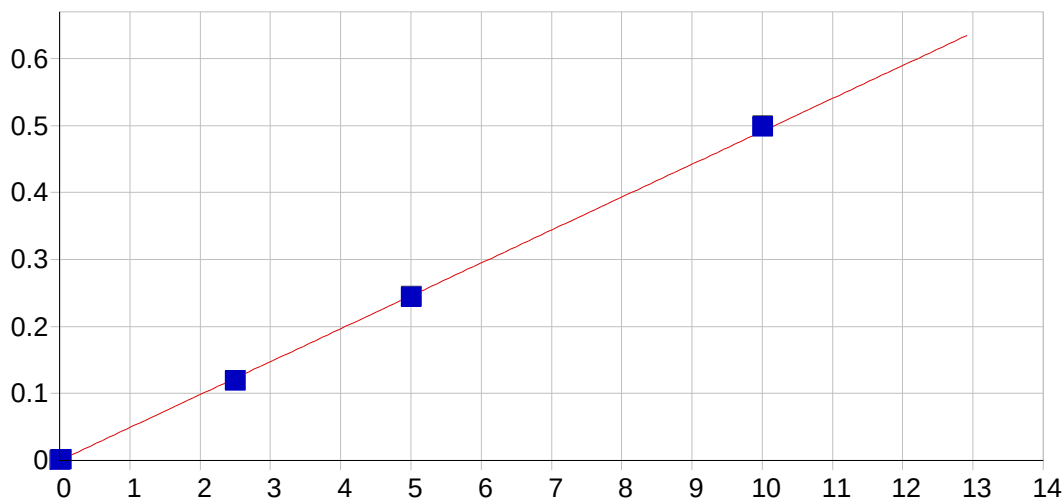


As 189.042 {478}

Date of Fit: 5/1/2019 12:58:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000175 Re-Slope: 1.000000
 A1 (Gain): 0.076120 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999859 Status: OK.
 Std Error of Est: 0.000031
 Predicted MDL: 0.002270
 Predicted MQL: 0.007567

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00018	.000	1
S1	.02000	.02215	.002	10.7	.00151	.000	1
S3	2.5000	2.4144	-.086	-3.43	.18359	.000	1
S4	5.0000	4.9621	-.038	-.758	.37751	.001	1
S5	10.000	10.121	.121	1.21	.77021	.001	1



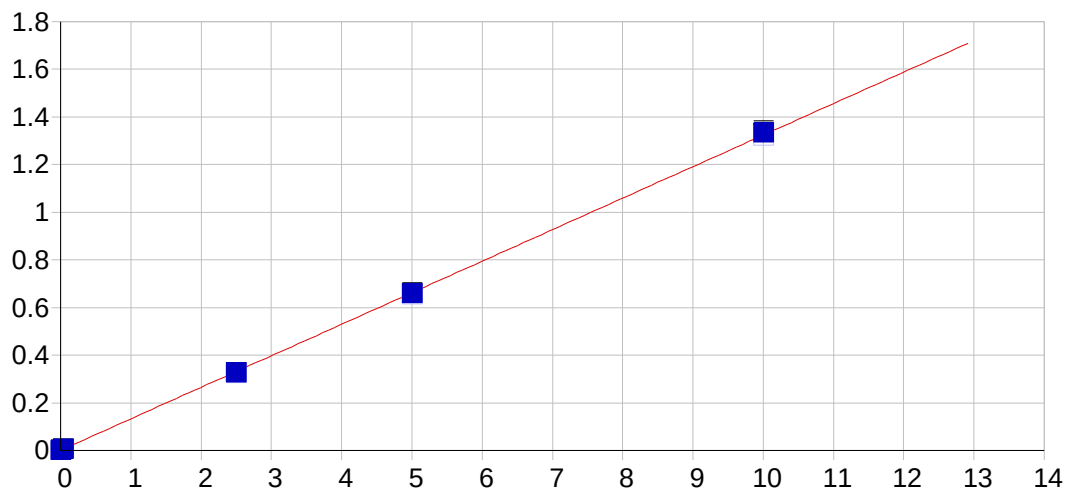
As 189.042 {479}

Date of Fit: 5/1/2019 12:58:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000088 Re-Slope: 1.000000

A1 (Gain): 0.049145 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999858 Status: OK.
 Std Error of Est: 0.000020
 Predicted MDL: 0.002227
 Predicted MQL: 0.007424

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00009	.000	1
S1	.02000	.02091	.001	4.57	.00112	.000	1
S3	2.5000	2.4122	-.088	-3.51	.11863	.000	1
S4	5.0000	4.9623	-.038	-.754	.24396	.001	1
S5	10.000	10.125	.125	1.25	.49766	.001	1

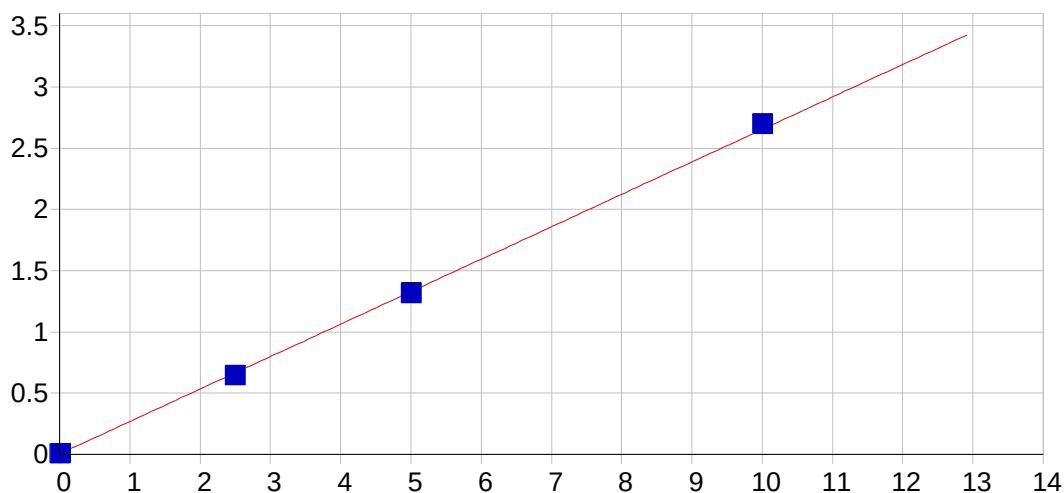


TI 190.856 {477}

Date of Fit: 5/1/2019 12:58:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000595 Re-Slope: 1.000000
 A1 (Gain): 0.132317 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999952 Status: OK.
 Std Error of Est: 0.000044
 Predicted MDL: 0.001007
 Predicted MQL: 0.003358

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00060	.000	1
S1	.04000	.03994	-.000	-.146	.00574	.000	1
S3	2.5000	2.4503	-.050	-1.99	.32142	.001	1
S4	5.0000	4.9762	-.024	-.477	.65224	.002	1
S5	10.000	10.074	.074	.736	1.3199	.006	1

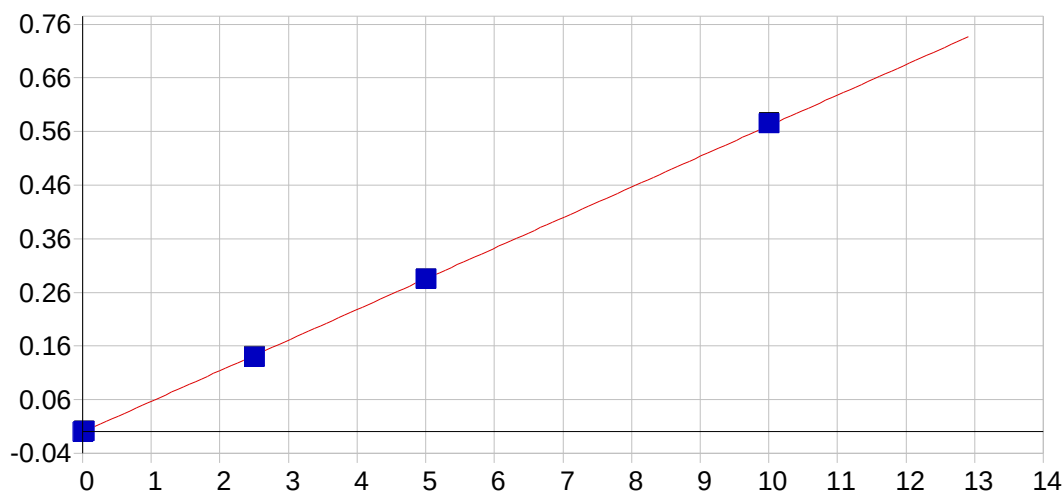


Pb 220.353 {453}

Date of Fit: 5/1/2019 12:58:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003749 Re-Slope: 1.000000
 A1 (Gain): 0.264917 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999804 Status: OK.
 Std Error of Est: 0.000098
 Predicted MDL: 0.000836
 Predicted MQL: 0.002786

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00375	.000	1
S1	.01200	.01259	.001	4.94	.00702	.000	1
S3	2.5000	2.4036	-.096	-3.86	.63960	.001	1
S4	5.0000	4.9411	-.059	-1.18	1.3109	.005	1
S5	10.000	10.155	.155	1.55	2.6903	.001	1



Se 196.090 {472}

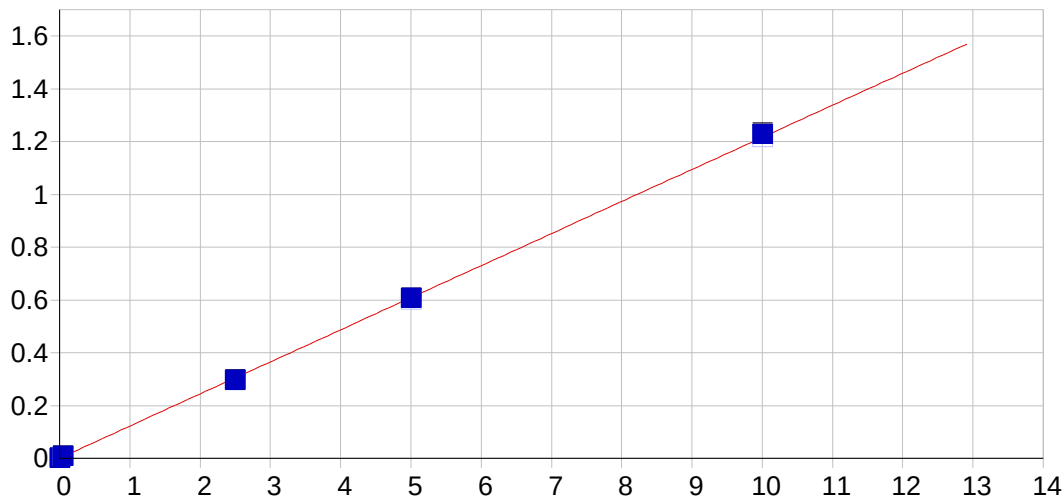
Date of Fit: 5/1/2019 12:58:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000232 Re-Slope: 1.000000
 A1 (Gain): 0.057084 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999950
 Std Error of Est: 0.000014
 Predicted MDL: 0.002812
 Predicted MQL: 0.009375

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00023	.000	1
S1	.02000	.02159	.002	7.95	.00100	.000	1
S3	2.5000	2.4473	-.053	-2.11	.13944	.000	1
S4	5.0000	4.9842	-.016	-.316	.28422	.001	1
S5	10.000	10.067	.067	.669	.57430	.001	1



Sb 206.833 {463}

Date of Fit: 5/1/2019 12:58:22

Type of Fit: Linear

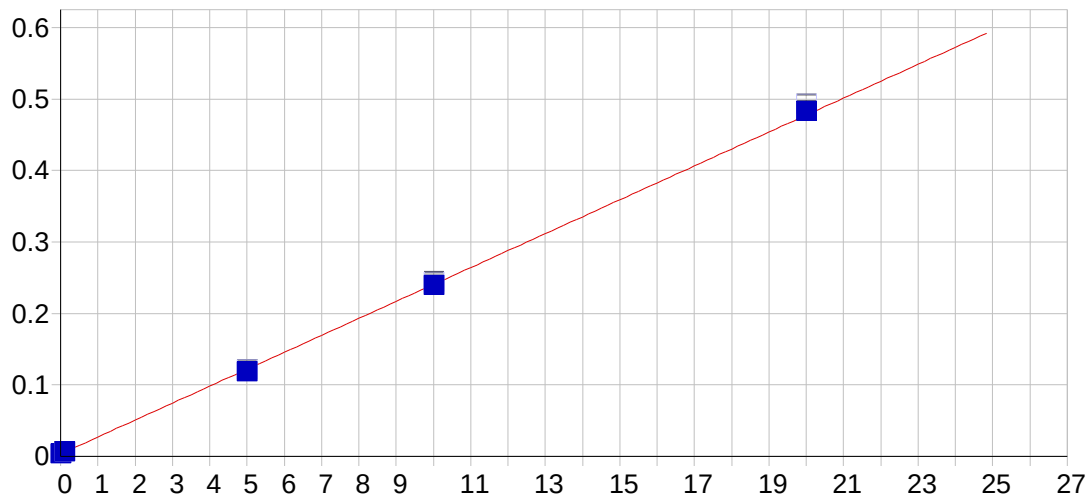
Weighting: 1/Conc

A0 (Offset): 0.000915
 A1 (Gain): 0.121522
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999906
 Std Error of Est: 0.000063
 Predicted MDL: 0.001583
 Predicted MQL: 0.005277

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	.00092	.000	1
S1	.05000	.04711	-.003	-5.79	.00649	.000	1
S3	2.5000	2.4301	-.070	-2.80	.29281	.001	1
S4	5.0000	4.9746	-.025	-.508	.59860	.002	1
S5	10.000	10.098	.098	.981	1.2144	.005	1

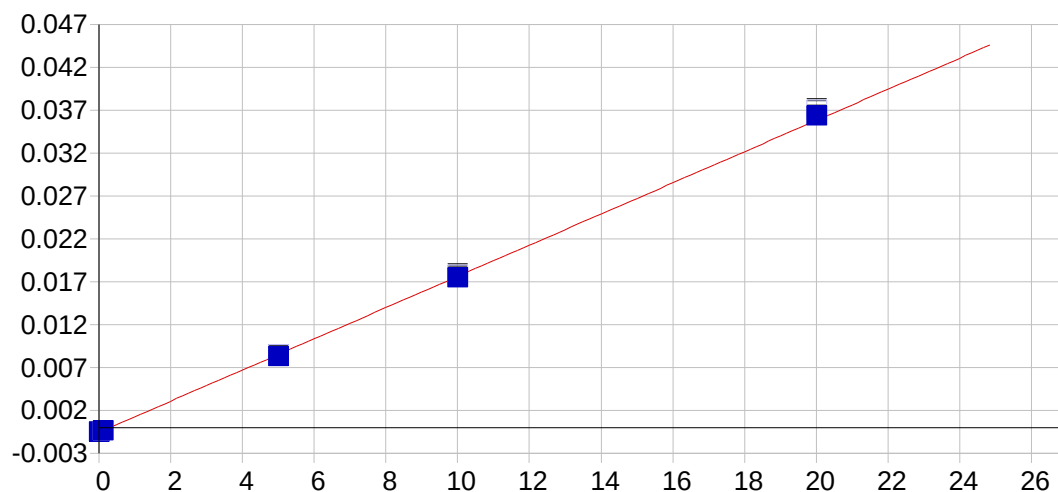


AI 308.215 {109}

Date of Fit: 5/1/2019 12:58:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003428 Re-Slope: 1.000000
 A1 (Gain): 0.023705 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999894 Status: OK.
 Std Error of Est: 0.000027
 Predicted MDL: 0.002711
 Predicted MQL: 0.009037

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00343	.000	1
S1	.10000	.10424	.004	4.24	.00606	.000	1
S3	5.0000	4.8464	-.154	-3.07	.12067	.000	1
S4	10.000	9.9316	-.068	-.684	.24358	.001	1
S5	20.000	20.218	.218	1.09	.49213	.000	1



AI 309.271 {109}

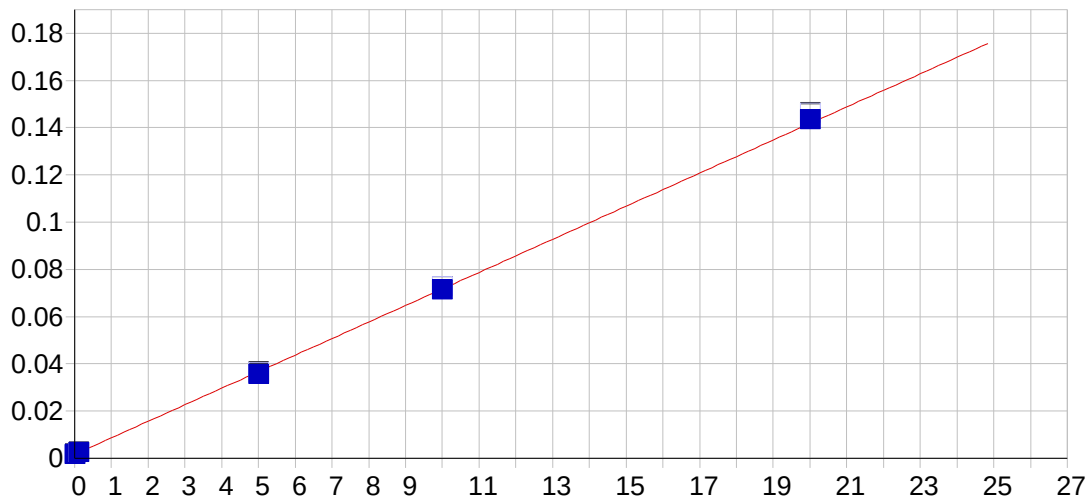
Date of Fit: 5/1/2019 12:58:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000557 Re-Slope: 1.000000
 A1 (Gain): 0.001818 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999839
 Std Error of Est: 0.000003
 Predicted MDL: 0.025888
 Predicted MQL: 0.086292

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	-.00056	.000	1
S1	.10000	.08302	-.017	-17.0	-.00039	.000	1
S3	5.0000	4.8600	-.140	-2.80	.00846	.000	1
S4	10.000	9.8863	-.114	-1.14	.01778	.000	1
S5	20.000	20.271	.271	1.36	.03703	.000	1



Date of Fit: 5/1/2019 12:58:22

Type of Fit: Linear

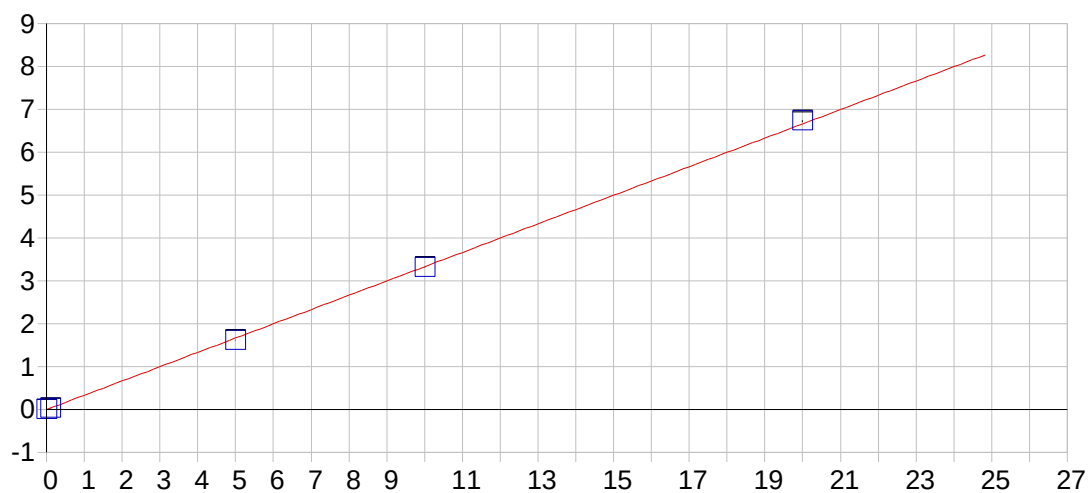
Weighting: 1/Conc

A0 (Offset): 0.001657
 A1 (Gain): 0.007007
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999894
 Std Error of Est: 0.000008
 Predicted MDL: 0.010149
 Predicted MQL: 0.033830

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	.00166	.000	1
S1	.10000	.10617	.006	6.17	.00245	.000	1
S3	5.0000	4.8460	-.154	-3.08	.03631	.000	1
S4	10.000	9.9365	-.063	-.635	.07268	.000	1
S5	20.000	20.211	.211	1.06	.14606	.000	1

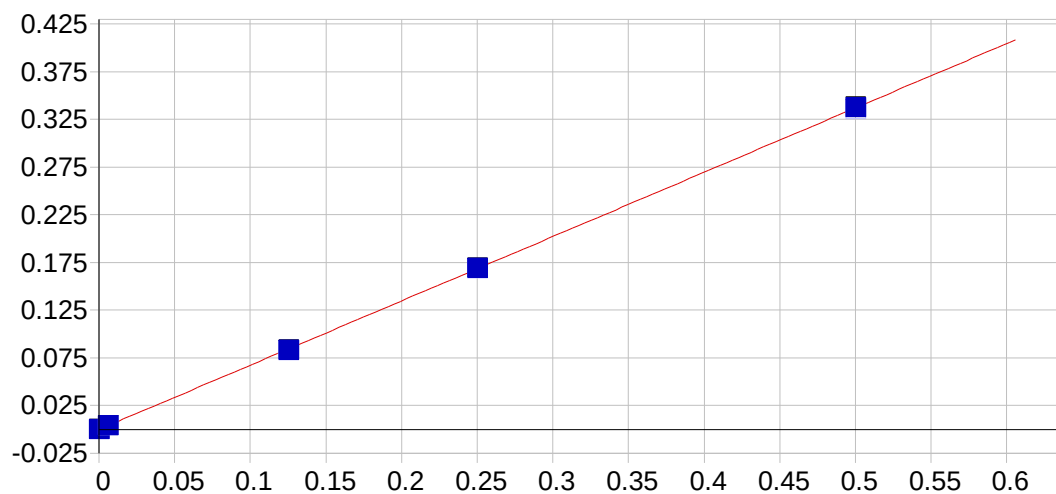


Ba 493.409 { 68}

Date of Fit: 5/1/2019 12:58:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000739 Re-Slope: 1.000000
 A1 (Gain): 0.333123 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999915 Status: OK.
 Std Error of Est: 0.000331
 Predicted MDL: 0.000506
 Predicted MQL: 0.001686

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00074	.000	1
S1	.10000	.09930	-.001	-.705	.03234	.000	1
S3	5.0000	4.8600	-.140	-2.80	1.6182	.007	1
S5	20.000	20.189	.189	.943	6.7245	.021	1
S4	10.000	9.9522	-.048	-.478	3.3146	.008	1



Be 234.861 {144}

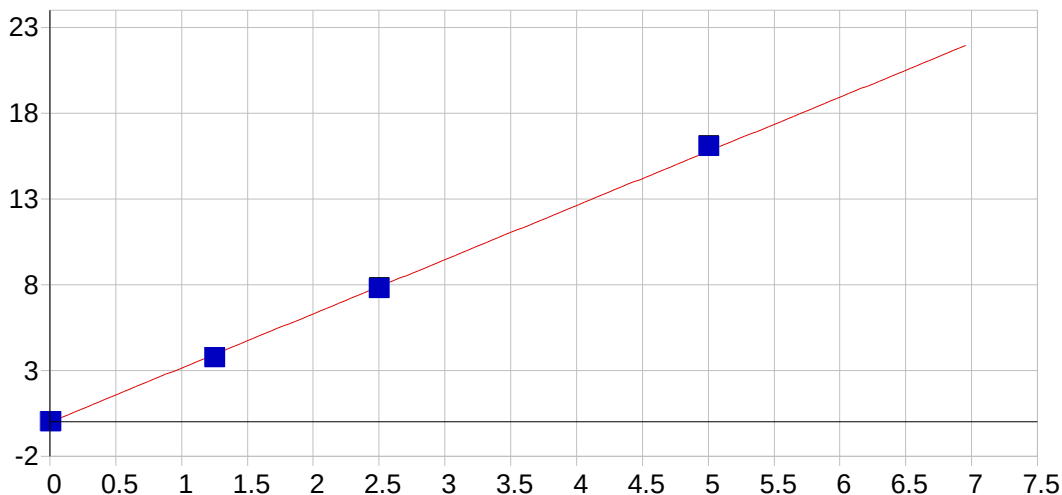
Date of Fit: 5/1/2019 12:58:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000063 Re-Slope: 1.000000
 A1 (Gain): 0.674501 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999981
 Std Error of Est: 0.000012
 Predicted MDL: 0.000064
 Predicted MQL: 0.000212

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00006	.000	1
S1	.00600	.00617	.000	2.76	.00405	.000	1
S3	.12500	.12325	-.002	-1.40	.08254	.000	1
S4	.25000	.25084	.001	.335	.16807	.000	1
S5	.50000	.50075	.001	.151	.33557	.000	1



Cd 226.502 {449}

Date of Fit: 5/1/2019 12:58:22

Type of Fit: Linear

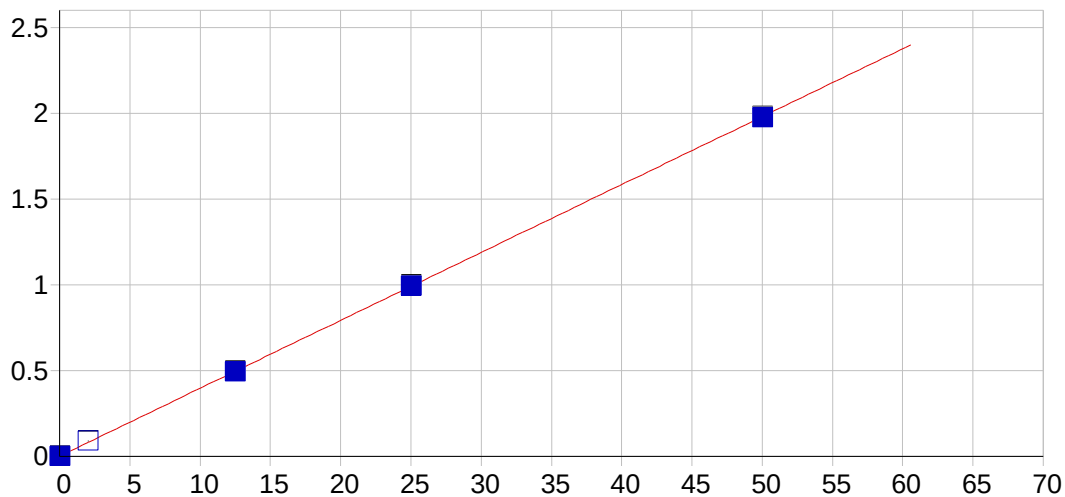
Weighting: 1/Conc

A0 (Offset): -0.002779
 A1 (Gain): 3.155047
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999725
 Std Error of Est: 0.000693
 Predicted MDL: 0.000078
 Predicted MQL: 0.000260

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	-.00278	.000	1
S1	.00600	.00584	-.000	-2.74	.01567	.000	1
S3	1.2500	1.1907	-.059	-4.75	3.7548	.004	1
S4	2.5000	2.4693	-.031	-1.23	7.7897	.009	1
S5	5.0000	5.0902	.090	1.80	16.061	.023	1

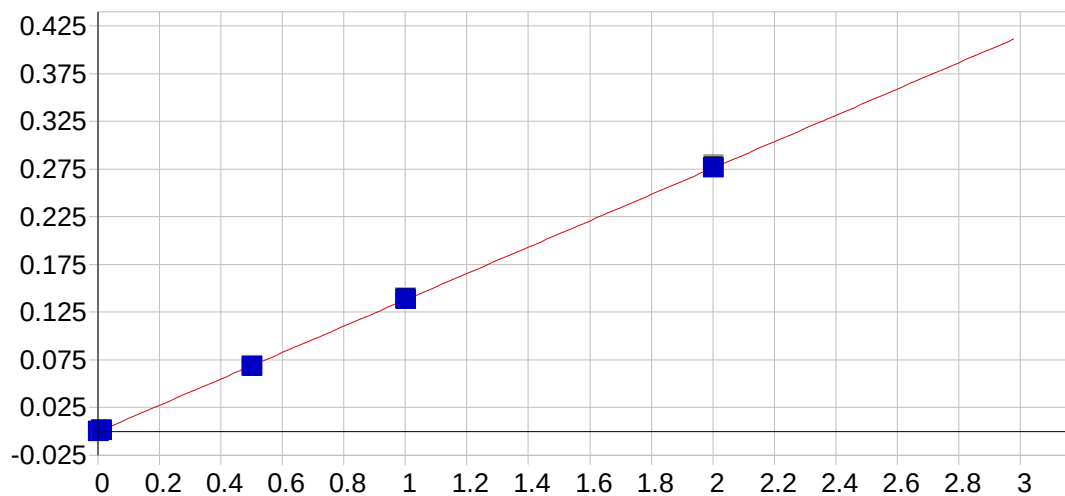


Ca 373.690 { 90}

Date of Fit: 5/1/2019 12:58:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001319 Re-Slope: 1.000000
 A1 (Gain): 0.039577 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999870 Status: OK.
 Std Error of Est: 0.000348
 Predicted MDL: 0.015286
 Predicted MQL: 0.050953

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.2061	.206	10.3	.08863	.000	1
S0	.00000	-.00018	-.000	.000	.00131	.000	1
S3	12.500	12.363	-.137	-1.10	.49086	.004	1
S4	25.000	25.058	.058	.231	.99356	.005	1
S5	50.000	49.873	-.127	-.253	1.9762	.004	1



Cr 267.716 {126}

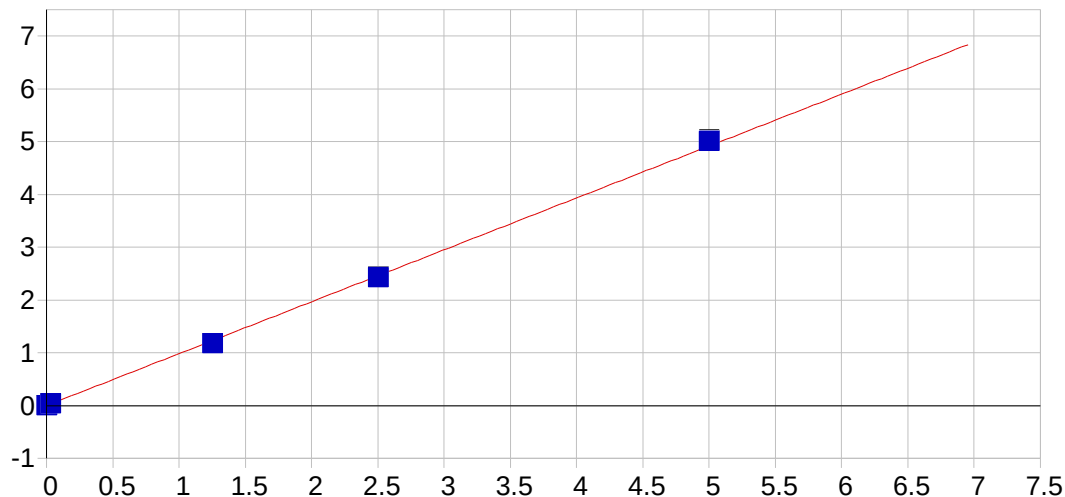
Date of Fit: 5/1/2019 12:58:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000180 Re-Slope: 1.000000
 A1 (Gain): 0.138145 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999992
 Std Error of Est: 0.000004
 Predicted MDL: 0.000426
 Predicted MQL: 0.001419

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00018	.000	1
S1	.01000	.01001	.000	.120	.00121	.000	1
S3	.50000	.49600	-.004	-.799	.06888	.000	1
S4	1.0000	1.0051	.005	.510	.13976	.000	1
S5	2.0000	1.9989	-.001	-.056	.27813	.001	1



Co 228.616 {447}

Date of Fit: 5/1/2019 12:58:22

Type of Fit: Linear

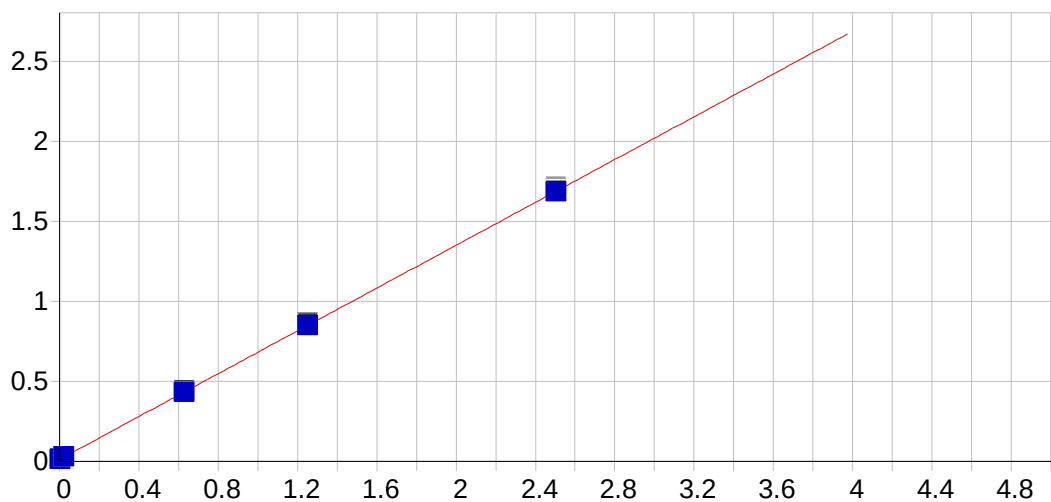
Weighting: 1/Conc

A0 (Offset): -0.000485
 A1 (Gain): 0.983300
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999719
 Std Error of Est: 0.000489
 Predicted MDL: 0.000212
 Predicted MQL: 0.000706

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	-.00048	.000	1
S1	.03000	.02815	-.002	-6.17	.02699	.000	1
S3	1.2500	1.1929	-.057	-4.57	1.1735	.002	1
S4	2.5000	2.4654	-.035	-1.38	2.4257	.004	1
S5	5.0000	5.0935	.094	1.87	5.0118	.013	1

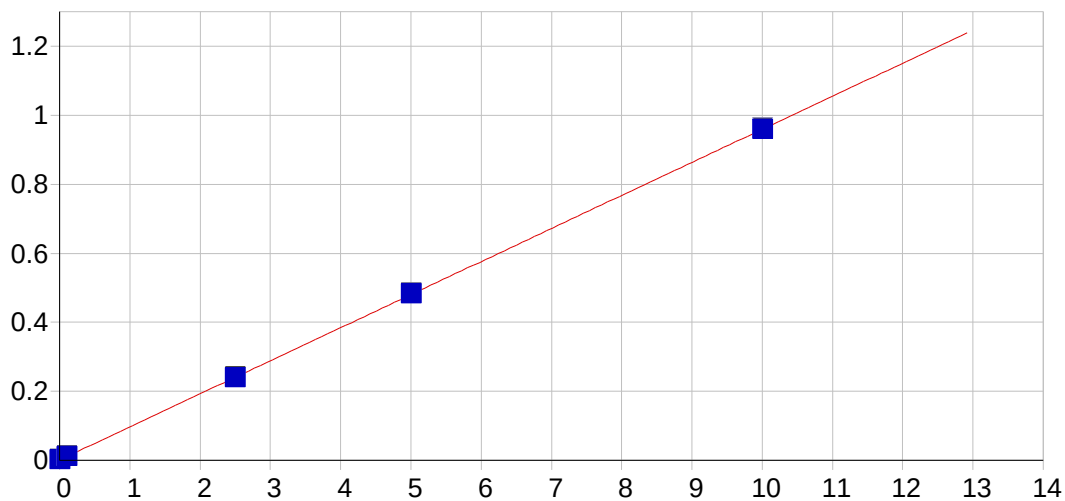


Cu 224.700 {450}

Date of Fit: 5/1/2019 12:58:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.012707 Re-Slope: 1.000000
 A1 (Gain): 0.668683 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999994 Status: OK.
 Std Error of Est: 0.000029
 Predicted MDL: 0.000370
 Predicted MQL: 0.001234

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.01271	.000	1
S1	.02000	.02102	.001	5.11	.02697	.000	1
S3	.62500	.62453	-.000	-.075	.43708	.001	1
S4	1.2500	1.2514	.001	.110	.86299	.002	1
S5	2.5000	2.4981	-.002	-.077	1.7101	.003	1



Fe 240.488 {140}

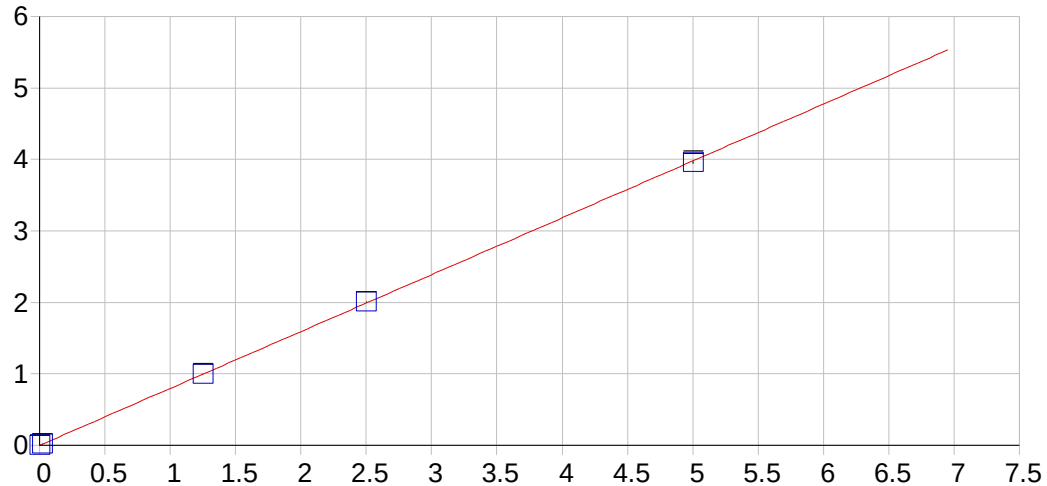
Date of Fit: 5/1/2019 12:58:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001100 Re-Slope: 1.000000
 A1 (Gain): 0.095816 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999994
 Std Error of Est: 0.000018
 Predicted MDL: 0.000531
 Predicted MQL: 0.001771

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00110	.000	1
S1	.10000	.10198	.002	1.98	.01092	.000	1
S3	2.5000	2.4855	-.015	-.582	.24014	.000	1
S4	5.0000	5.0196	.020	.393	.48385	.000	1
S5	10.000	9.9929	-.007	-.071	.96216	.001	1



Mn 257.610 {131}

Date of Fit: 5/1/2019 12:58:22

Type of Fit: Linear

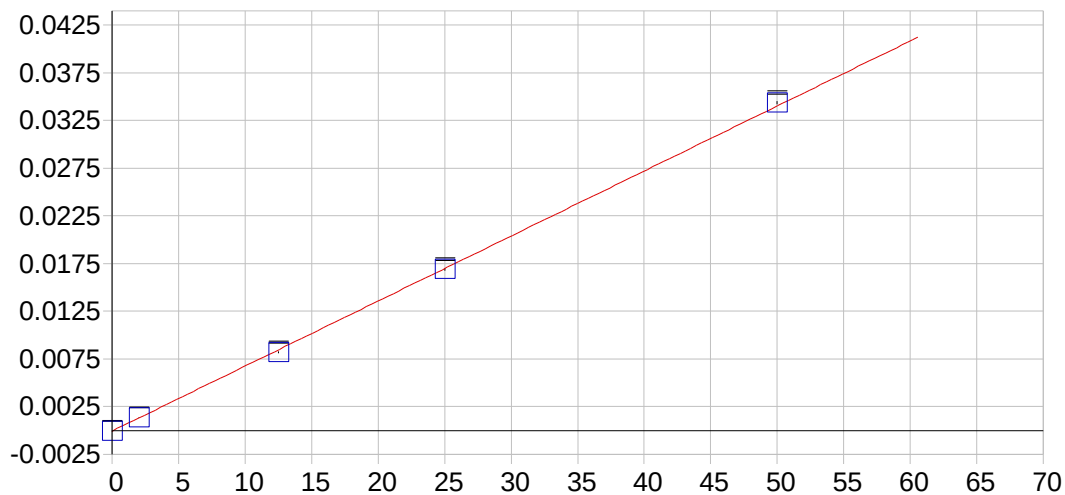
Weighting: 1/Conc

A0 (Offset): 0.000201
 A1 (Gain): 0.795718
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999973
 Std Error of Est: 0.000100
 Predicted MDL: 0.000063
 Predicted MQL: 0.000211

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	.00020	.000	1
S1	.02000	.02169	.002	8.47	.01746	.000	1
S3	1.2500	1.2522	.002	.179	.99663	.002	1
S4	2.5000	2.5218	.022	.872	2.0068	.003	1
S5	5.0000	4.9743	-.026	-.515	3.9583	.018	1

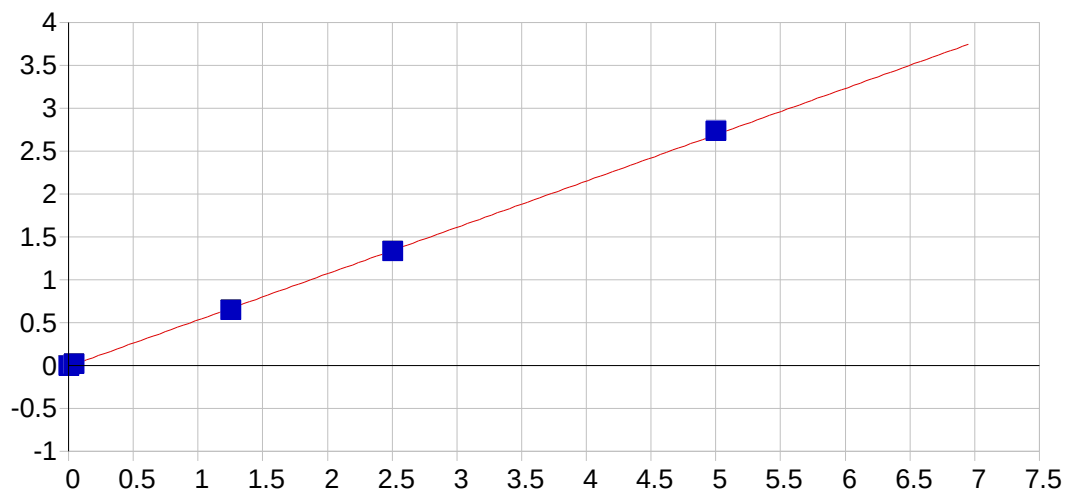


Mg 279.079 {121}

Date of Fit: 5/1/2019 12:58:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000055 Re-Slope: 1.000000
 A1 (Gain): 0.000682 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999875 Status: OK.
 Std Error of Est: 0.000006
 Predicted MDL: 0.036978
 Predicted MQL: 0.123261

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0714	.071	3.57	.00136	.000	1
S0	.00000	-.00001	-.000	.000	-.00006	.000	1
S3	12.500	12.080	-.420	-3.36	.00818	.000	1
S4	25.000	24.854	-.146	-.584	.01689	.000	1
S5	50.000	50.494	.494	.989	.03436	.000	1



Ni 231.604 {445}

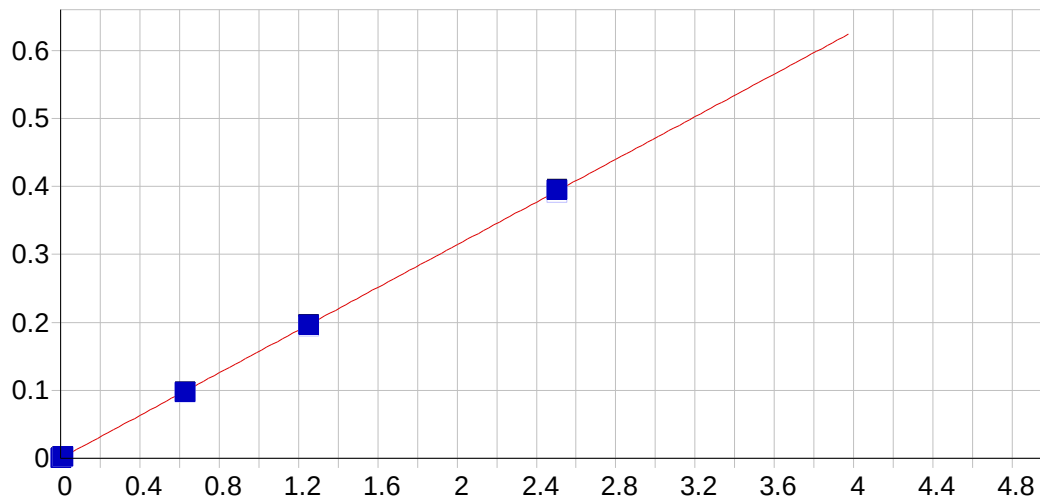
Date of Fit: 5/1/2019 12:58:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.009380 Re-Slope: 1.000000
 A1 (Gain): 0.540147 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999811
 Std Error of Est: 0.000254
 Predicted MDL: 0.000421
 Predicted MQL: 0.001403

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00938	.000	1
S1	.04000	.03896	-.001	-2.60	.01168	.000	1
S3	1.2500	1.2021	-.048	-3.83	.64068	.001	1
S4	2.5000	2.4727	-.027	-1.09	1.3277	.002	1
S5	5.0000	5.0762	.076	1.52	2.7355	.005	1



Ag 328.068 {103}

Date of Fit: 5/1/2019 12:58:22

Type of Fit: Linear

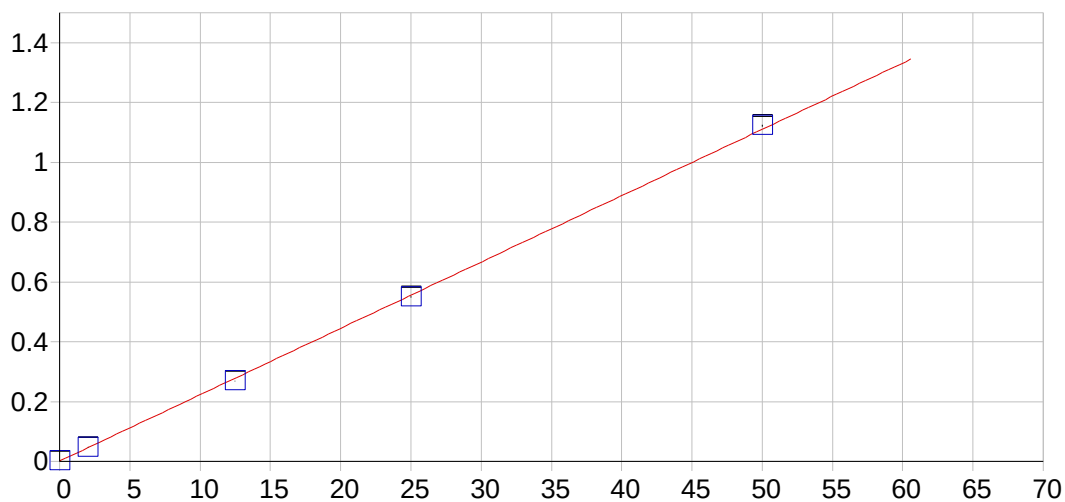
Weighting: 1/Conc

A0 (Offset): 0.000179
 A1 (Gain): 0.156991
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999980
 Std Error of Est: 0.000008
 Predicted MDL: 0.000548
 Predicted MQL: 0.001828

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	.00018	.000	1
S1	.01000	.01021	.000	2.14	.00175	.000	1
S3	.62500	.61731	-.008	-1.23	.09598	.000	1
S4	1.2500	1.2455	-.005	-.363	.19348	.000	1
S5	2.5000	2.5120	.012	.481	.39009	.000	1

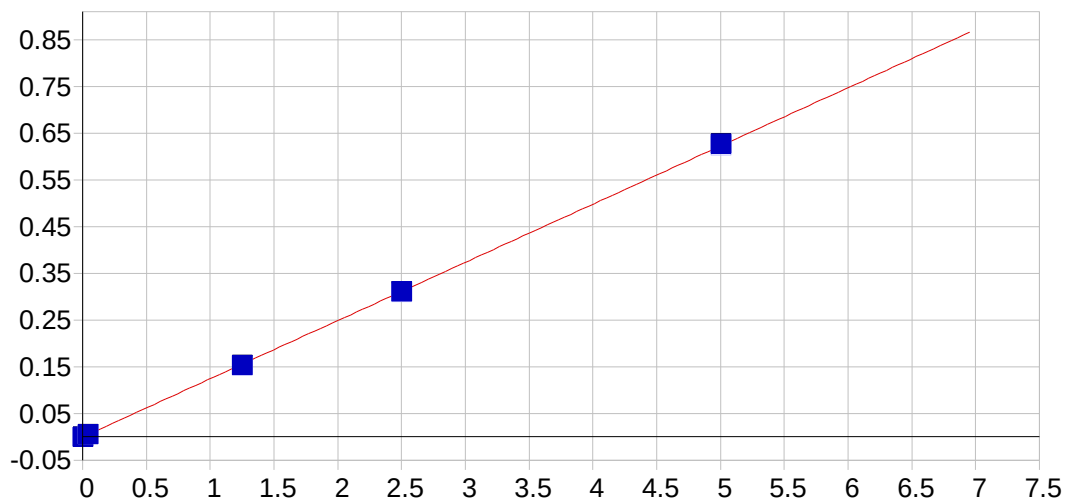


Na 589.592 { 57}

Date of Fit: 5/1/2019 12:58:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001119 Re-Slope: 1.000000
 A1 (Gain): 0.022180 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999839 Status: OK.
 Std Error of Est: 0.000217
 Predicted MDL: 0.008166
 Predicted MQL: 0.027219

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1116	.112	5.58	.04796	.000	1
S0	.00000	-.00005	-.000	.000	.00112	.000	1
S3	12.500	12.083	-.417	-3.33	.26913	.001	1
S4	25.000	24.750	-.250	-.998	.55009	.002	1
S5	50.000	50.555	.555	1.11	1.1224	.003	1



V 292.402 {115}

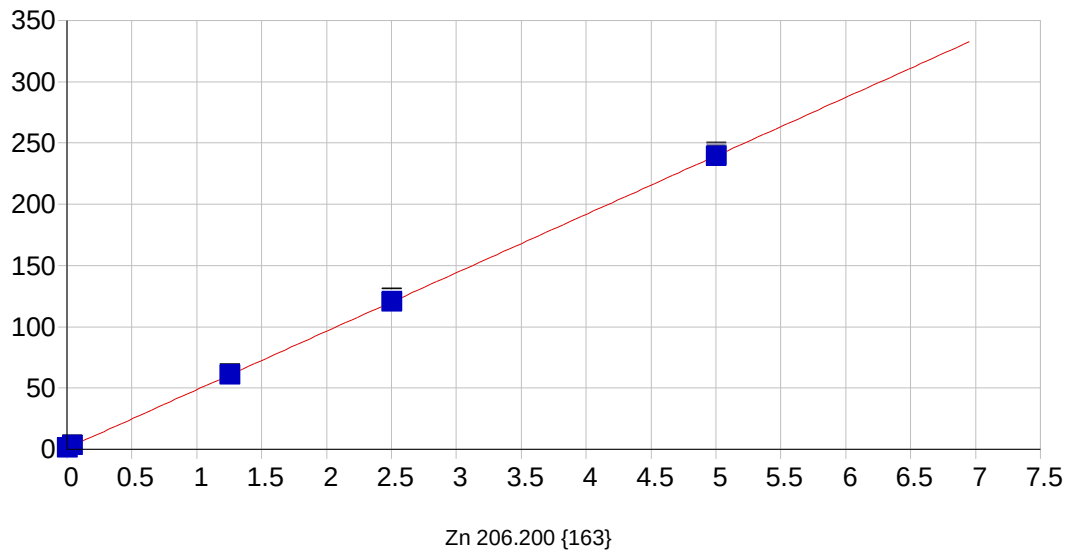
Date of Fit: 5/1/2019 12:58:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000059 Re-Slope: 1.000000
 A1 (Gain): 0.124550 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999961
 Std Error of Est: 0.000026
 Predicted MDL: 0.000473
 Predicted MQL: 0.001578

Status: OK.

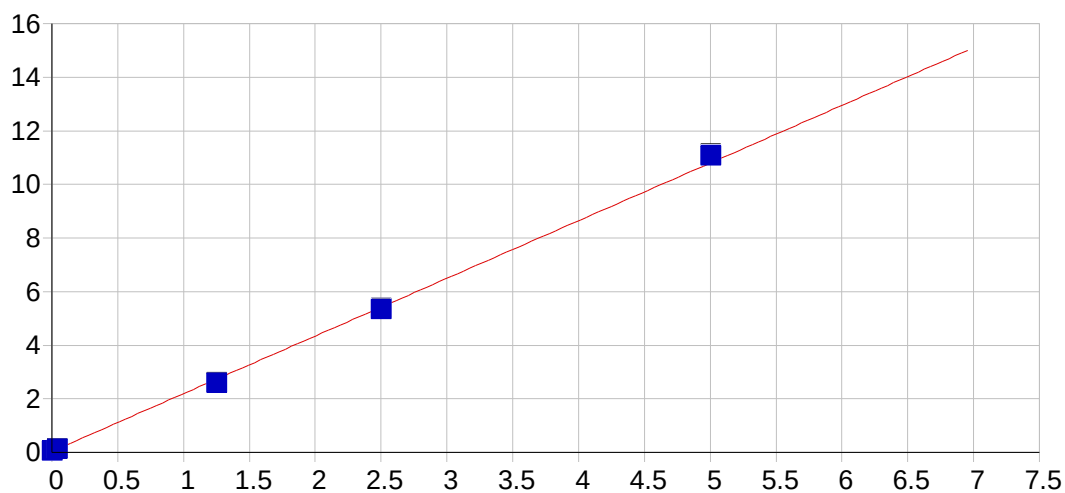
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00006	.000	1
S1	.04000	.03907	-.001	-2.34	.00473	.000	1
S3	1.2500	1.2272	-.023	-1.83	.15177	.000	1
S4	2.5000	2.4913	-.009	-.346	.30820	.000	1
S5	5.0000	5.0324	.032	.648	.62266	.000	1



Date of Fit: 5/1/2019 12:58:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.952988 Re-Slope: 1.000000
 A1 (Gain): 47.705917 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999993 Status: OK.
 Std Error of Est: 0.004263
 Predicted MDL: 0.000330
 Predicted MQL: 0.001101

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.95289	.009	1
S1	.04000	.04203	.002	5.08	2.9707	.025	1
S3	1.2500	1.2527	.003	.220	61.077	.740	1
S4	2.5000	2.5019	.002	.077	121.03	2.44	1
S5	5.0000	4.9933	-.007	-.134	240.61	1.57	1

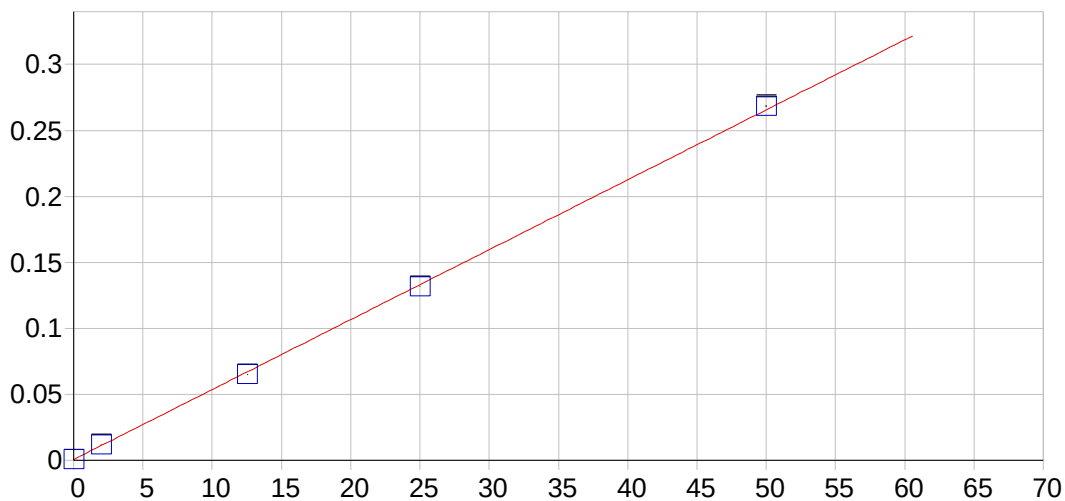


Zn 213.856 {458}

Date of Fit: 5/1/2019 12:58:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.039533 Re-Slope: 1.000000
 A1 (Gain): 2.151281 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999559 Status: OK.
 Std Error of Est: 0.001557
 Predicted MDL: 0.000082
 Predicted MQL: 0.000275

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.03954	.000	1
S1	.04000	.03684	-.003	-7.89	.11940	.000	1
S3	1.2500	1.1767	-.073	-5.86	2.5882	.005	1
S4	2.5000	2.4604	-.040	-1.58	5.3669	.010	1
S5	5.0000	5.1160	.116	2.32	11.114	.013	1



K 766.490 {44}

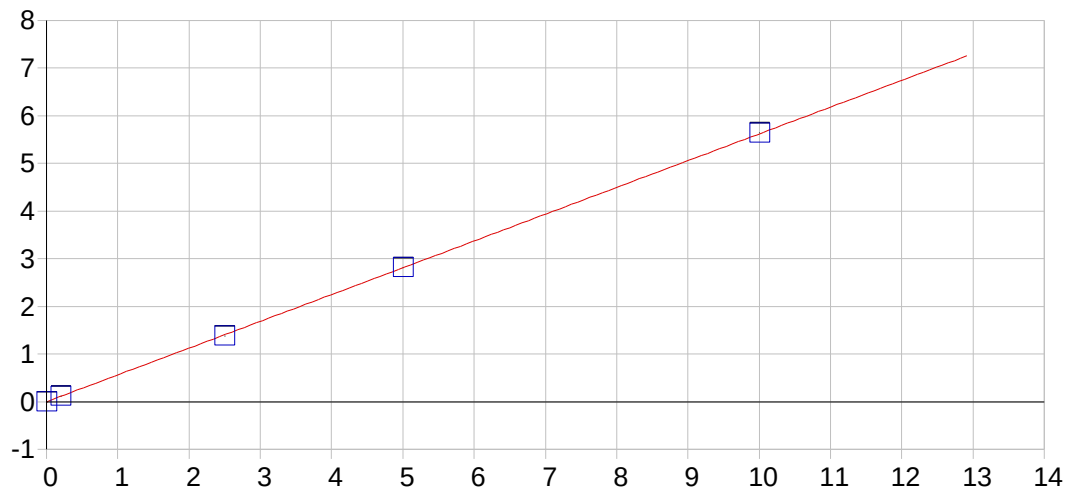
Date of Fit: 5/1/2019 12:58:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000624 Re-Slope: 1.000000
 A1 (Gain): 0.005300 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999854
 Std Error of Est: 0.000049
 Predicted MDL: 0.032864
 Predicted MQL: 0.109545

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1237	.124	6.19	.01188	.000	1
S0	.00000	-.00006	-.000	.000	.00062	.000	1
S3	12.500	12.143	-.357	-2.85	.06498	.000	1
S4	25.000	24.722	-.278	-1.11	.13165	.000	1
S5	50.000	50.511	.511	1.02	.26833	.001	1



Mo 202.030 {467}

Date of Fit: 5/1/2019 12:58:22

Type of Fit: Linear

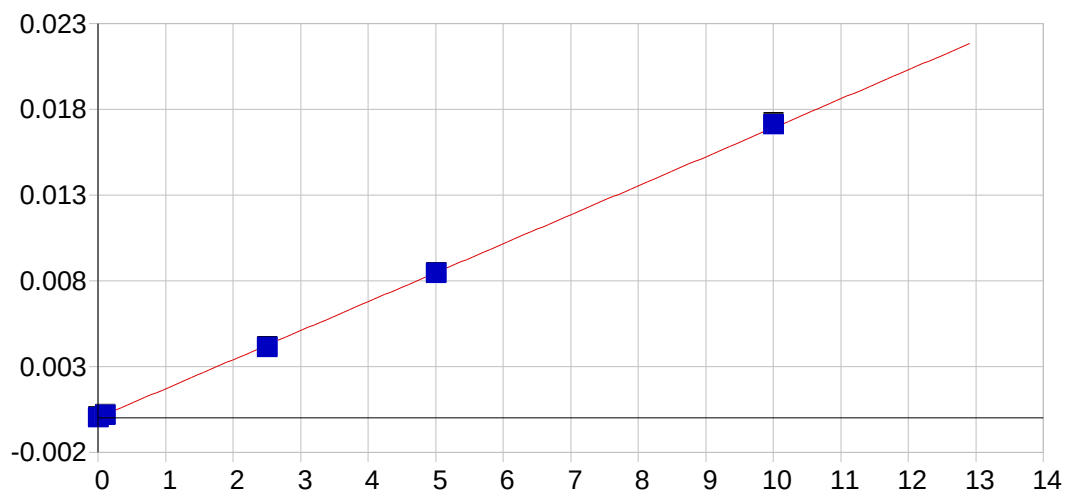
Weighting: 1/Conc

A0 (Offset): -0.000637
 A1 (Gain): 0.562085
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999974
 Std Error of Est: 0.000313
 Predicted MDL: 0.000280
 Predicted MQL: 0.000934

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	-.00064	.000	1
S1	.20000	.20404	.004	2.02	.11405	.000	1
S3	2.5000	2.4579	-.042	-1.68	1.3809	.003	1
S4	5.0000	5.0001	.000	.002	2.8099	.004	1
S5	10.000	10.038	.038	.379	5.6415	.011	1

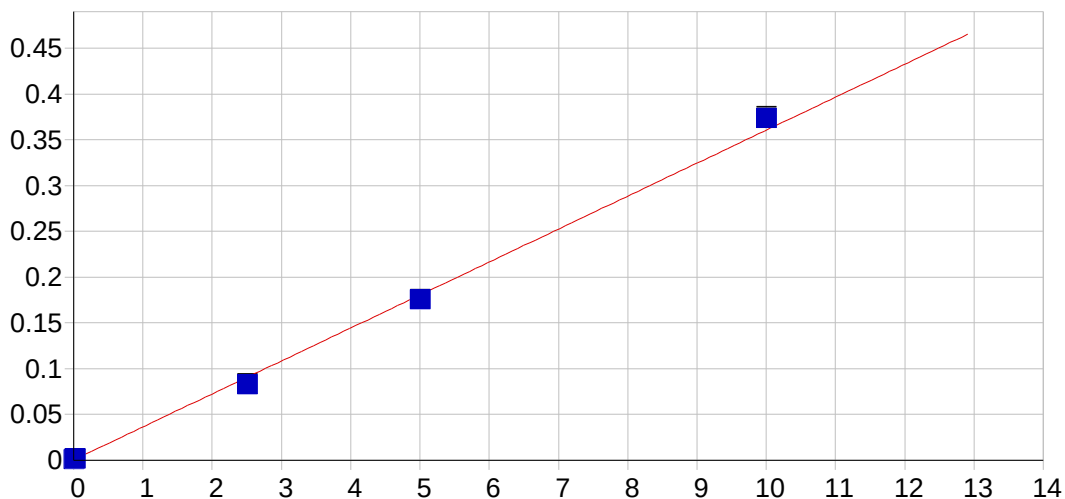


B 249.678 {135}

Date of Fit: 5/1/2019 12:58:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000023 Re-Slope: 1.000000
 A1 (Gain): 0.001690 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999860 Status: OK.
 Std Error of Est: 0.000002
 Predicted MDL: 0.010902
 Predicted MQL: 0.036340

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00002	.000	1
S1	.10000	.09318	-.007	-6.82	.00018	.000	1
S3	2.5000	2.4140	-.086	-3.44	.00409	.000	1
S4	5.0000	4.9761	-.024	-4.79	.00841	.000	1
S5	10.000	10.117	.117	1.17	.01708	.000	1



S 182.034 {485}

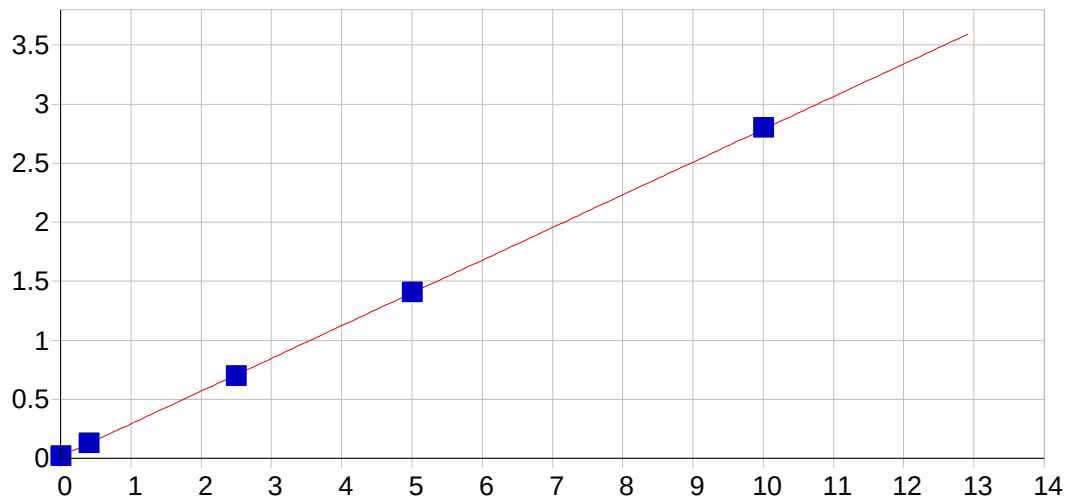
Date of Fit: 5/1/2019 12:58:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000482 Re-Slope: 1.000000
 A1 (Gain): 0.036008 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998983
 Std Error of Est: 0.000039
 Predicted MDL: 0.002638
 Predicted MQL: 0.008794

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00048	.000	1
S1	.02000	.01810	-.002	-9.52	.00111	.000	1
S3	2.5000	2.2868	-.213	-8.53	.08272	.001	1
S4	5.0000	4.8544	-.146	-2.91	.17508	.000	1
S5	10.000	10.361	.361	3.61	.37315	.002	1



Si 288.158 {117}

Date of Fit: 5/1/2019 12:58:22

Type of Fit: Linear

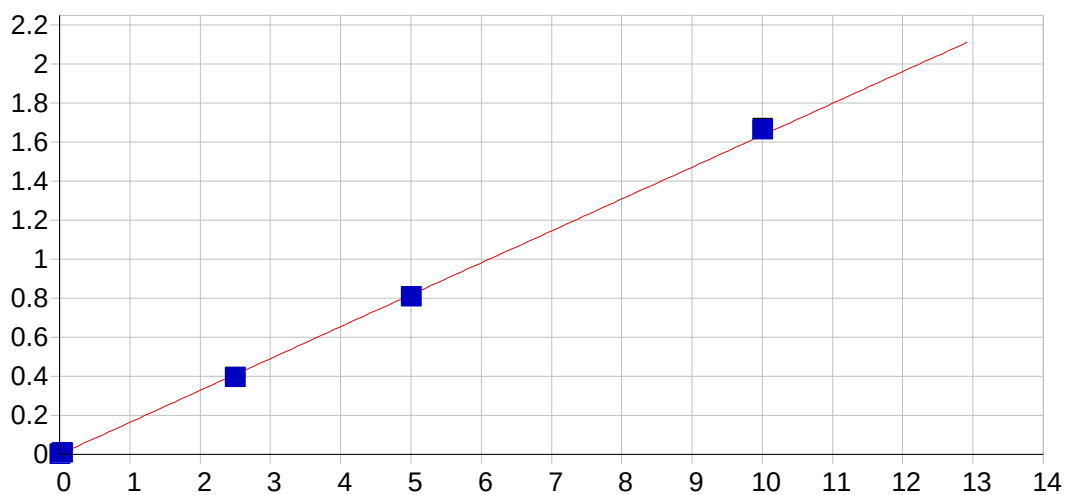
Weighting: 1/Conc

A0 (Offset): 0.014757
 A1 (Gain): 0.277119
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999976
 Std Error of Est: 0.000210
 Predicted MDL: 0.002448
 Predicted MQL: 0.008162

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.01476	.000	1
S1	.40000	.39632	-.004	-.920	.12449	.001	1
S3	2.5000	2.4593	-.041	-1.63	.69591	.001	1
S4	5.0000	5.0036	.004	.073	1.4006	.004	1
S5	10.000	10.041	.041	.407	2.7958	.002	1

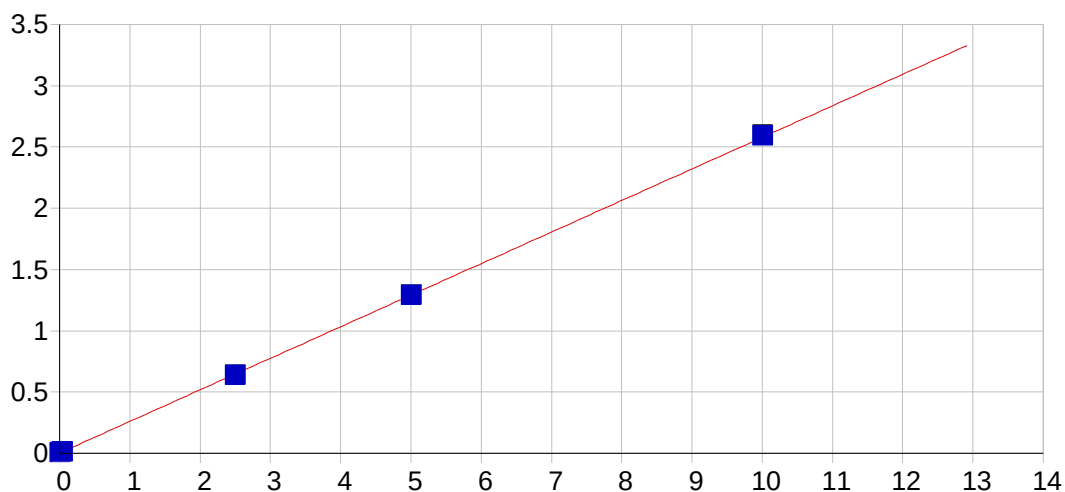


Sn 189.989 {477}

Date of Fit: 5/1/2019 12:58:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000843 Re-Slope: 1.000000
 A1 (Gain): 0.163438 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999751 Status: OK.
 Std Error of Est: 0.000125
 Predicted MDL: 0.000609
 Predicted MQL: 0.002029

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00084	.000	1
S1	.04000	.03666	-.003	-8.35	.00683	.000	1
S3	2.5000	2.3954	-.105	-4.18	.39242	.001	1
S4	5.0000	4.9310	-.069	-1.38	.80690	.001	1
S5	10.000	10.177	.177	1.77	1.6644	.005	1



Ti 336.121 {100}

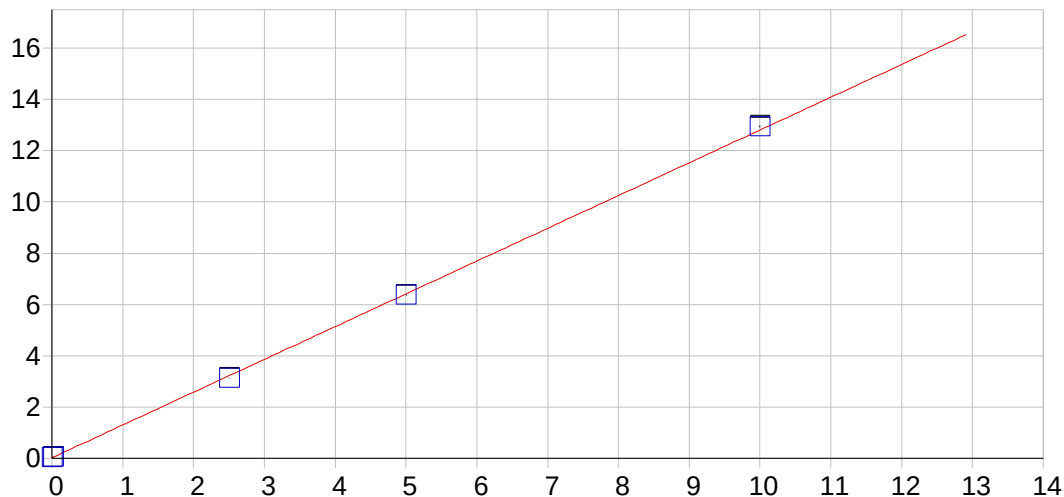
Date of Fit: 5/1/2019 12:58:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002633 Re-Slope: 1.000000
 A1 (Gain): 0.257590 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999974
 Std Error of Est: 0.000063
 Predicted MDL: 0.001683
 Predicted MQL: 0.005610

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00263	.000	1
S1	.04000	.03836	-.002	-4.10	.01251	.000	1
S3	2.5000	2.4587	-.041	-1.65	.63588	.003	1
S4	5.0000	5.0042	.004	.084	1.2915	.001	1
S5	10.000	10.039	.039	.388	2.5882	.007	1



Li 670.784 { 50}

Date of Fit: 5/1/2019 12:58:22

Type of Fit: Linear

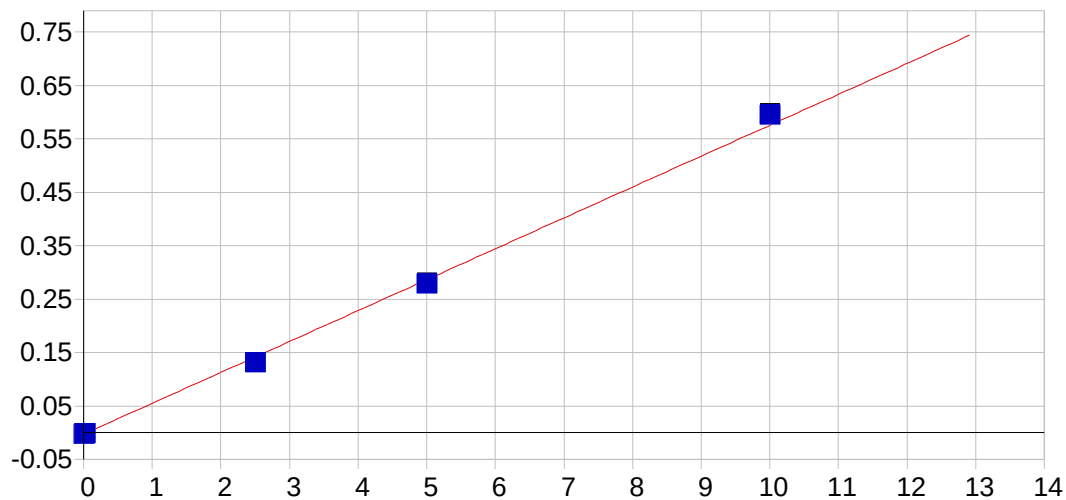
Weighting: 1/Conc

A0 (Offset): 0.021704
 A1 (Gain): 1.278425
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999907
 Std Error of Est: 0.000421
 Predicted MDL: 0.001639
 Predicted MQL: 0.005463

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	.02171	.001	1
S1	.02000	.01933	-.001	-3.35	.04642	.002	1
S3	2.5000	2.4332	-.067	-2.67	3.1324	.005	1
S4	5.0000	4.9604	-.040	-.792	6.3632	.005	1
S5	10.000	10.107	.107	1.07	12.943	.032	1

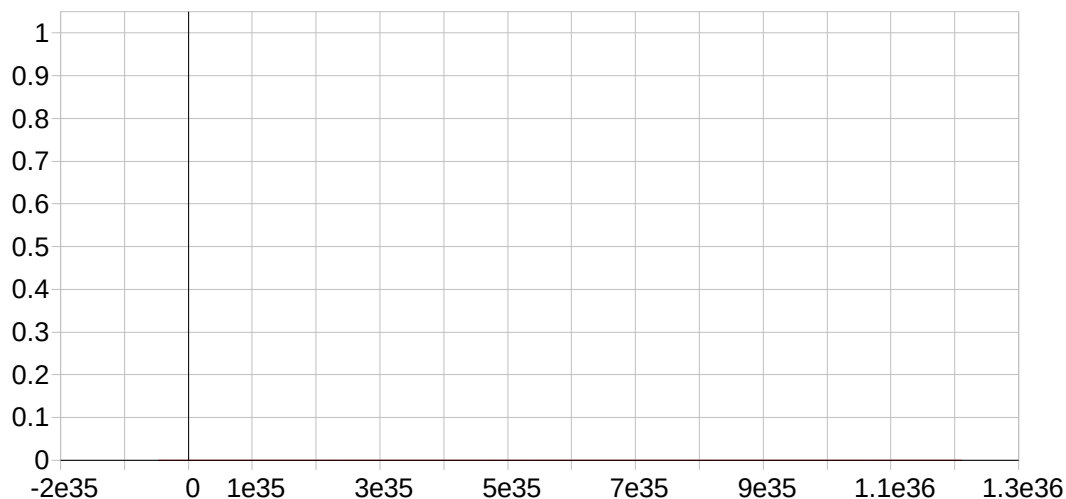


P 177.495 {490}

Date of Fit: 5/1/2019 12:58:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002736 Re-Slope: 1.000000
 A1 (Gain): 0.057834 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999129 Status: OK.
 Std Error of Est: 0.000058
 Predicted MDL: 0.001652
 Predicted MQL: 0.005506

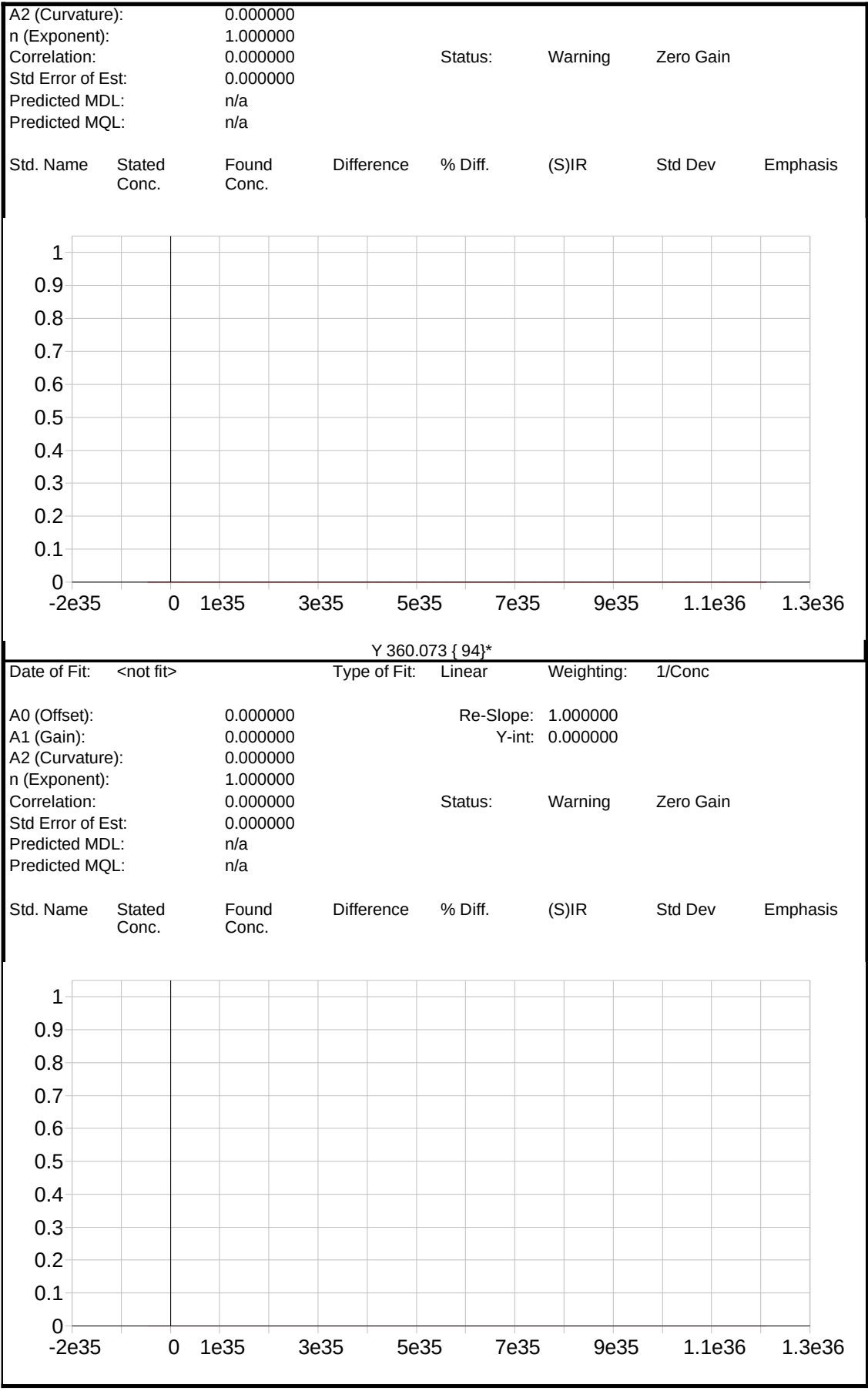
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00274	.000	1
S1	.02000	.01883	-.001	-5.85	-.00165	.000	1
S3	2.5000	2.3027	-.197	-7.89	.13023	.000	1
S4	5.0000	4.8645	-.135	-2.71	.27818	.001	1
S5	10.000	10.334	.334	3.34	.59408	.002	1

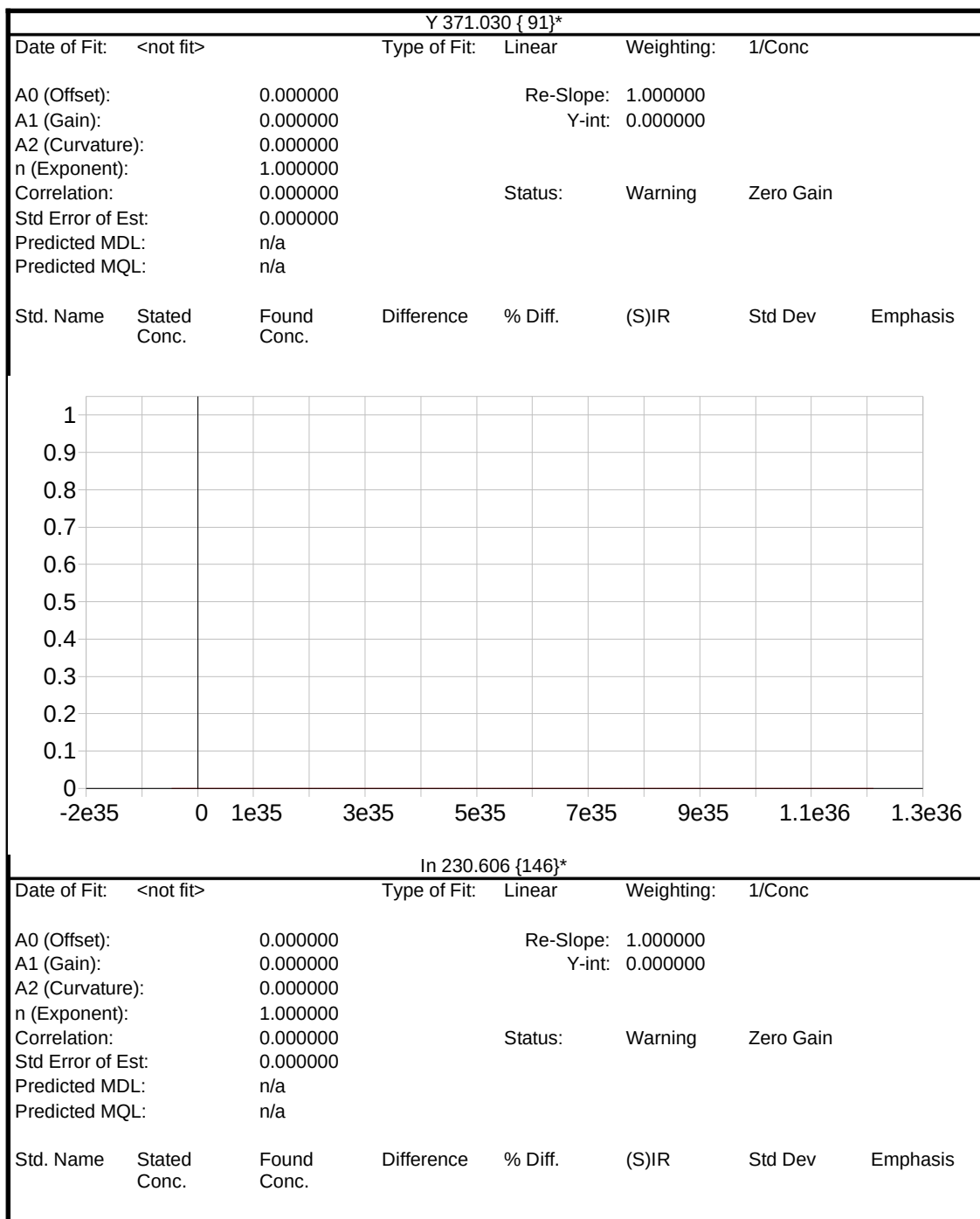


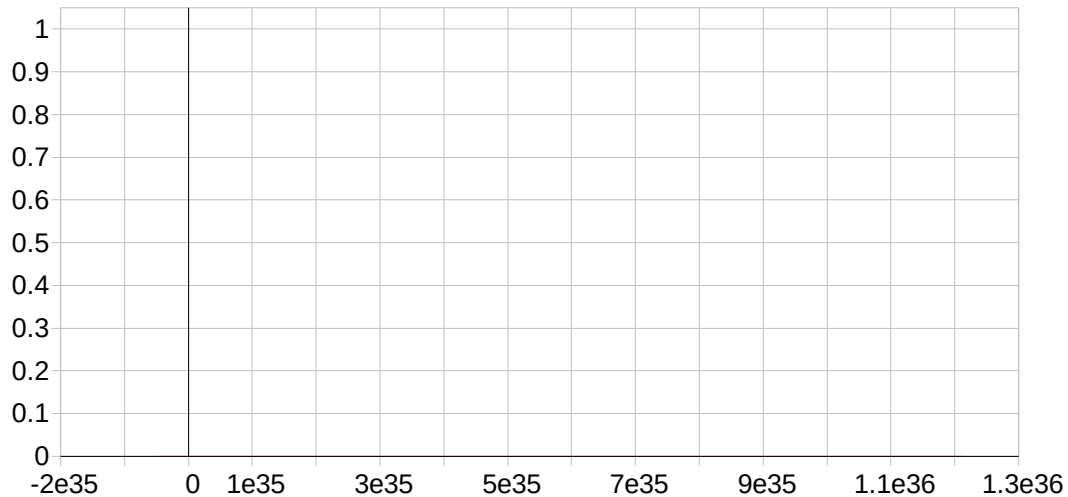
Y 224.306 {450}*

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

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







In 230.606 {446}*

Date of Fit: <not fit>

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000000

Re-Slope: 1.000000

A1 (Gain): 0.000000

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.000000

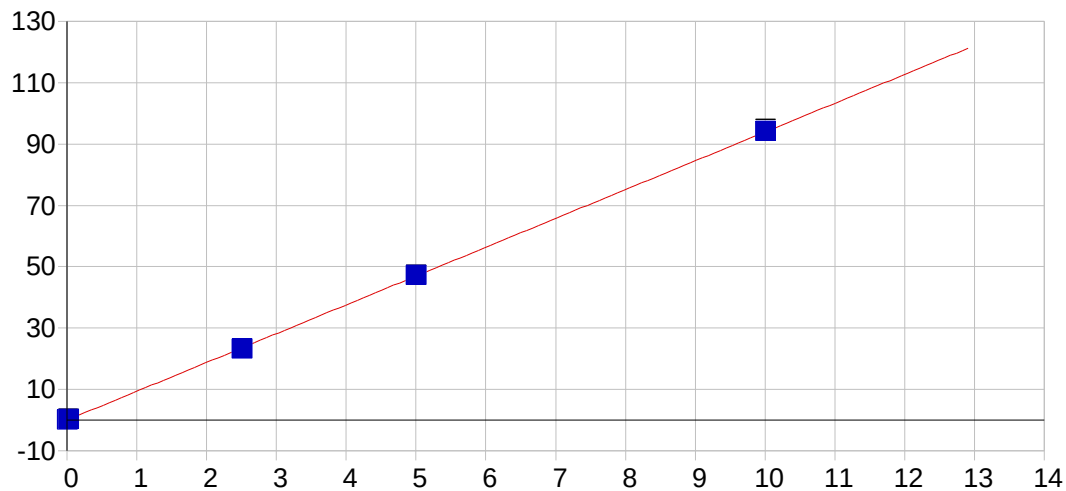
Status: Warning Zero Gain

Std Error of Est: 0.000000

Predicted MDL: n/a

Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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Sr 407.771 { 83}

Date of Fit: 5/1/2019 12:58:22

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.005671

Re-Slope: 1.000000

A1 (Gain): 9.392301

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999983

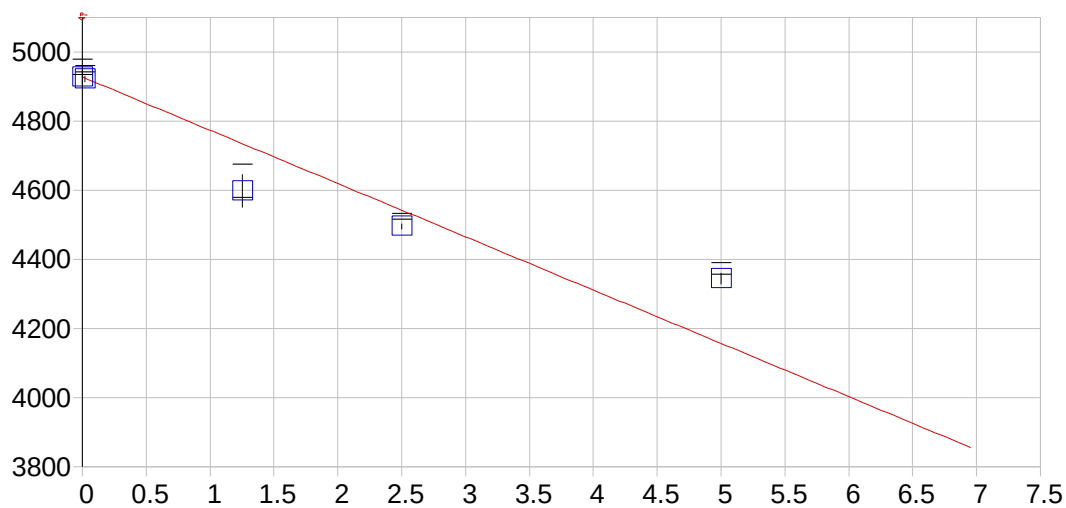
Status: OK.

Std Error of Est: 0.001318

Predicted MDL: 0.000090

Predicted MQL: 0.000300

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00567	.001	1
S1	.02000	.02039	.000	1.93	.18684	.001	1
S3	2.5000	2.4647	-.035	-1.41	23.170	.067	1
S4	5.0000	5.0161	.016	.321	47.158	.050	1
S5	10.000	10.019	.019	.188	94.197	.620	1

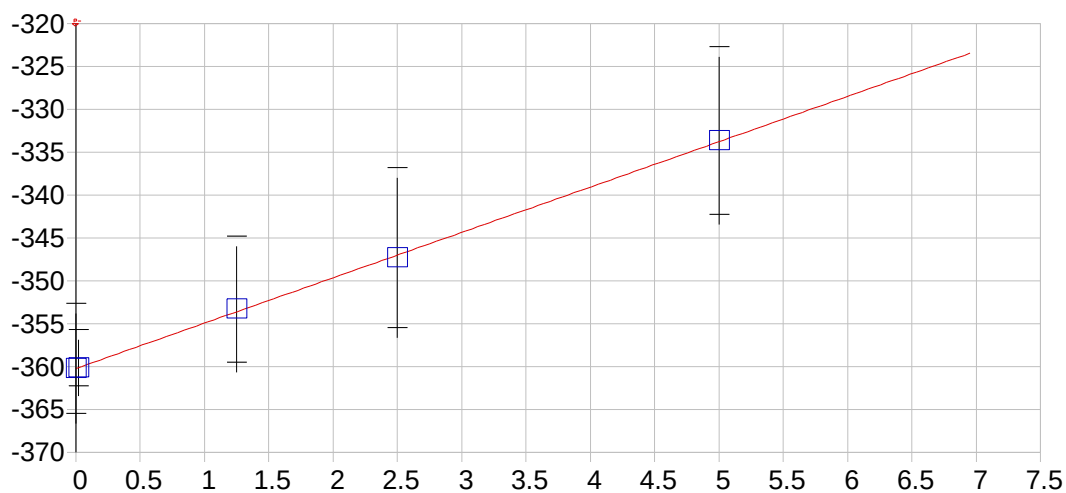


U 367.007 { 92 }

Date of Fit: 5/1/2019 12:58:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 4927.928245 Re-Slope: 1.000000
 A1 (Gain): -154.180401 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.948015 Status: Warning Negative Gain
 Std Error of Est: 0.884415
 Predicted MDL: n/a
 Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	4927.9	22.1	1
S1	.02000	.03797	.018	89.8	4922.1	9.42	1
S3	1.2500	2.1435	.893	71.5	4597.4	48.1	1
S4	2.5000	2.8052	.305	12.2	4495.4	9.19	1
S5	5.0000	3.7834	-1.22	-24.3	4344.6	16.8	1



U 385.958 { 87}

Date of Fit: 5/1/2019 12:58:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -360.212115 Re-Slope: 1.000000
 A1 (Gain): 5.287238 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999539 Status: OK.
 Std Error of Est: 0.002743
 Predicted MDL: 2.343405
 Predicted MQL: 7.811350

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-360.21	6.40	1
S1	.02000	.01090	-.009	-45.5	-360.15	3.28	1
S3	1.2500	1.3034	.053	4.27	-353.32	7.35	1
S4	2.5000	2.4370	-.063	-2.52	-347.33	9.34	1
S5	5.0000	5.0188	.019	.375	-333.68	9.79	1

Sample Name: S0 Acquired: 5/1/2019 12:33:03 Type: Cal
Method: P4-ICP2(v3082) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00009	.00060	.00375	-.00023	.00092	.00166	-.00074	-.00006
Stddev	.00005	.00009	.00005	.00018	.00003	.00003	.00011	.00006
%RSD	60.463	15.707	1.3285	75.647	3.3166	1.9250	14.307	87.493

#1	.00015	.00064	.00373	-.00012	.00089	.00165	-.00062	-.00010
#2	.00007	.00066	.00380	-.00015	.00095	.00163	-.00081	-.00009
#3	.00005	.00049	.00371	-.00043	.00091	.00169	-.00079	.00000

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	-.00278	.00131	-.00018	-.00048	.01271	.00110	.00020	-.00006
Stddev	.00011	.00030	.00003	.00010	.00031	.00004	.00002	.00002
%RSD	3.9600	22.667	17.186	20.250	2.4251	3.5803	12.042	39.346

#1	-.00270	.00111	-.00018	-.00059	.01252	.00114	.00018	-.00007
#2	-.00274	.00118	-.00021	-.00039	.01306	.00109	.00023	-.00003
#3	-.00290	.00165	-.00015	-.00047	.01254	.00107	.00019	-.00007

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	-.00938	.00018	.00112	-.00006	.03954	.00062	-.00064	.00002
Stddev	.00004	.00005	.00011	.00003	.00042	.00004	.00012	.00003
%RSD	.43590	29.335	9.8671	44.237	1.0630	5.7598	19.225	108.51

#1	-.00936	.00018	.00119	-.00003	.03910	.00065	-.00076	-.00000
#2	-.00943	.00023	.00117	-.00008	.03959	.00064	-.00063	.00002
#3	-.00935	.00013	.00099	-.00007	.03994	.00058	-.00052	.00005

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	.00048	.01476	.00084	.00263	.02171	-.0027	-.00567	4927.9
Stddev	.00011	.00047	.00009	.00031	.00078	.0001	.00091	22.1
%RSD	22.645	3.1768	11.137	11.952	3.5760	4.327	15.960	.44902

#1	.00058	.01509	.00074	.00300	.02255	-.0027	-.00492	4936.1
#2	.00050	.01422	.00091	.00246	.02156	-.0027	-.00542	4902.9
#3	.00037	.01496	.00089	.00245	.02101	-.0029	-.00668	4944.8

Sample Name: S0 Acquired: 5/1/2019 12:33:03 Type: Cal
 Method: P4-ICP2(v3082) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-360.21
Stddev	6.40
%RSD	1.7764

#1	-353.03
#2	-362.30
#3	-365.30

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4493.3	77850.	6703.2	106.21	5142.2
Stddev	4.5	215.	22.2	.63	4.1
%RSD	.10081	.27586	.33190	.58939	.07983

#1	4490.2	77730.	6694.2	105.48	5140.6
#2	4491.2	77723.	6686.9	106.59	5139.2
#3	4498.5	78098.	6728.5	106.54	5146.9

Sample Name: S1 Acquired: 5/1/2019 12:37:28 Type: Cal
Method: P4-ICP2(v3082) 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	.00112	.00574	.00702	.00100	.00649	.00245	.03234	.00405
Stddev	.00008	.00003	.00002	.00003	.00013	.00004	.00015	.00005
%RSD	7.5666	.50728	.31818	2.7386	1.9996	1.6334	.47025	1.3144

#1	.00103	.00573	.00705	.00097	.00662	.00247	.03250	.00408
#2	.00120	.00573	.00701	.00102	.00636	.00240	.03231	.00399
#3	.00111	.00578	.00701	.00101	.00649	.00247	.03220	.00408

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	.01567	.00121	.02699	.02697	.01092	.01746	.01168	.00175
Stddev	.00018	.00004	.00011	.00013	.00007	.00014	.00022	.00008
%RSD	1.1604	3.5649	.42419	.46405	.64258	.78300	1.9098	4.4321

#1	.01582	.00126	.02692	.02709	.01086	.01735	.01171	.00166
#2	.01571	.00120	.02713	.02699	.01100	.01762	.01188	.00180
#3	.01547	.00117	.02694	.02684	.01089	.01742	.01144	.00179

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	.00473	.11940	.11405	.00018	.00111	.12449	.00683	.01251
Stddev	.00005	.00014	.00027	.00000	.00009	.00073	.00013	.00021
%RSD	.98681	.12049	.23446	2.1090	7.9111	.58617	1.9542	1.6709

#1	.00468	.11940	.11398	.00018	.00107	.12365	.00697	.01274
#2	.00476	.11925	.11435	.00018	.00121	.12498	.00671	.01245
#3	.00475	.11954	.11383	.00018	.00105	.12484	.00682	.01234

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.04642	-.0017	.18684	4922.1	-360.15
Stddev	.00235	.0000	.00149	9.4	3.28
%RSD	5.0541	1.028	.79678	.19130	.91149

#1	.04371	-.0017	.18780	4931.9	-356.77
#2	.04769	-.0016	.18513	4913.1	-360.36
#3	.04785	-.0016	.18760	4921.2	-363.33

Sample Name: S1 Acquired: 5/1/2019 12:37:28 Type: Cal
Method: P4-ICP2(v3082) 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	4470.9	77086.	6659.1	103.46	5068.8
Stddev	3.7	251.	7.3	.83	5.5
%RSD	.08259	.32537	.10916	.79739	.10795
#1	4468.0	76841.	6650.8	102.64	5065.7
#2	4475.0	77342.	6664.6	103.46	5075.2
#3	4469.6	77075.	6661.8	104.29	5065.7

Sample Name: S2 Acquired: 5/1/2019 12:41:51 Type: Cal
Method: P4-ICP2(v3082) 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	.08863	.00136	.04796	.01188
Stddev	.00033	.00001	.00011	.00007
%RSD	.36800	.73299	.23919	.62936

#1	.08881	.00135	.04786	.01192
#2	.08883	.00136	.04792	.01179
#3	.08825	.00136	.04808	.01193

Int. Std.	Y_3600	Y_3710
Units	Cts/S	Cts/S
Avg	76487.	6590.4
Stddev	231.	20.4
%RSD	.30243	.30951

#1	76645.	6589.3
#2	76222.	6570.6
#3	76595.	6611.4

Sample Name: S3 Acquired: 5/1/2019 12:46:03 Type: Cal
Method: P4-ICP2(v3082) 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	.11863	.32142	.63960	.13944	.29281	.03631	1.6182	.08254
Stddev	.00026	.00090	.00135	.00043	.00078	.00033	.0067	.00015
%RSD	.21872	.28134	.21173	.31132	.26487	.90218	.41616	.17611

#1	.11893	.32113	.63831	.13980	.29367	.03618	1.6231	.08259
#2	.11847	.32243	.63948	.13956	.29260	.03668	1.6211	.08237
#3	.11850	.32069	.64101	.13896	.29216	.03607	1.6105	.08264

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.7548	.49086	.06888	1.1735	.43708	.24014	.99663	.00818
Stddev	.0039	.00406	.00032	.0020	.00074	.00036	.00190	.00009
%RSD	.10467	.82792	.46807	.17036	.16896	.15053	.19037	1.1477

#1	3.7543	.48689	.06917	1.1716	.43626	.24003	.99451	.00807
#2	3.7511	.49068	.06895	1.1733	.43771	.23985	.99818	.00821
#3	3.7589	.49501	.06853	1.1755	.43726	.24054	.99720	.00826

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	.64068	.09598	.26913	.15177	2.5882	.06498	1.3809	.00409
Stddev	.00103	.00017	.00075	.00022	.0054	.00020	.0030	.00004
%RSD	.16019	.17634	.27825	.14269	.20722	.30701	.21674	.92788

#1	.64088	.09604	.26945	.15201	2.5866	.06509	1.3822	.00414
#2	.63957	.09611	.26966	.15169	2.5838	.06511	1.3831	.00408
#3	.64159	.09579	.26828	.15160	2.5941	.06475	1.3775	.00406

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	.08272	.69591	.39242	.63588	3.1324	.1302	23.170	4597.4
Stddev	.00053	.00094	.00109	.00261	.0054	.0005	.067	48.1
%RSD	.63970	.13439	.27790	.41055	.17122	.3779	.28891	1.0468

#1	.08247	.69615	.39133	.63288	3.1294	.1302	23.245	4633.1
#2	.08333	.69488	.39351	.63758	3.1386	.1307	23.116	4616.6
#3	.08237	.69670	.39242	.63720	3.1293	.1298	23.148	4542.7

Sample Name: S3 Acquired: 5/1/2019 12:46:03 Type: Cal
Method: P4-ICP2(v3082) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-353.32
Stddev	7.35
%RSD	2.0793

#1	-345.37
#2	-359.86
#3	-354.72

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4343.3	74725.	6614.5	100.22	4669.3
Stddev	13.3	173.	7.4	1.58	7.8
%RSD	.30559	.23136	.11136	1.5722	.16711

#1	4328.6	74637.	6612.6	98.442	4661.3
#2	4346.9	74614.	6622.6	100.79	4676.8
#3	4354.4	74924.	6608.3	101.44	4669.9

Sample Name: S4 Acquired: 5/1/2019 12:50:01 Type: Cal
Method: P4-ICP2(v3082) 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	.24396	.65224	1.3109	.28422	.59860	.07268	3.3146	.16807
Stddev	.00067	.00204	.0049	.00052	.00173	.00009	.0081	.00012
%RSD	.27313	.31220	.37292	.18444	.28958	.11935	.24529	.06970
#1	.24440	.64999	1.3119	.28429	.59992	.07276	3.3056	.16803
#2	.24429	.65396	1.3153	.28471	.59926	.07259	3.3168	.16820
#3	.24319	.65278	1.3056	.28367	.59664	.07269	3.3214	.16797
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7.7897	.99356	.13976	2.4257	.86299	.48385	2.0068	.01689
Stddev	.0094	.00476	.00039	.0039	.00222	.00021	.0032	.00011
%RSD	.12004	.47915	.28135	.16056	.25770	.04245	.15987	.66874
#1	7.7965	.99035	.14020	2.4246	.86428	.48375	2.0105	.01677
#2	7.7936	.99131	.13963	2.4300	.86427	.48371	2.0045	.01690
#3	7.7790	.99903	.13944	2.4225	.86042	.48409	2.0055	.01699
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	1.3277	.19348	.55009	.30820	5.3669	.13165	2.8099	.00841
Stddev	.0024	.00008	.00241	.00040	.0097	.00035	.0042	.00002
%RSD	.18070	.04341	.43887	.13023	.18002	.26266	.14974	.27121
#1	1.3281	.19357	.55234	.30866	5.3726	.13202	2.8109	.00841
#2	1.3298	.19341	.54754	.30792	5.3723	.13160	2.8134	.00839
#3	1.3251	.19345	.55040	.30803	5.3557	.13133	2.8052	.00843
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	.17508	1.4006	.80690	1.2915	6.3632	.2782	47.158	4495.4
Stddev	.00031	.0038	.00069	.0011	.0050	.0008	.050	9.2
%RSD	.17448	.26826	.08605	.08368	.07780	.2706	.10593	.20446
#1	.17485	1.3963	.80682	1.2906	6.3602	.2779	47.106	4505.7
#2	.17543	1.4031	.80762	1.2912	6.3606	.2790	47.206	4492.7
#3	.17496	1.4025	.80624	1.2927	6.3689	.2776	47.163	4487.9

Sample Name: S4 Acquired: 5/1/2019 12:50:01 Type: Cal
 Method: P4-ICP2(v3082) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-347.33
Stddev	9.34
%RSD	2.6898

#1	-342.09
#2	-341.78
#3	-358.11

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4244.4	73179.	6525.6	98.703	4443.0
Stddev	5.1	204.	12.1	1.759	7.7
%RSD	.12001	.27812	.18510	1.7823	.17254

#1	4240.4	72959.	6529.2	100.68	4437.2
#2	4242.5	73219.	6512.1	97.322	4440.1
#3	4250.1	73360.	6535.4	98.103	4451.7

Sample Name: S5 Acquired: 5/1/2019 12:54:03 Type: Cal
Method: P4-ICP2(v3082) 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	.49766	1.3199	2.6903	.57430	1.2144	.14606	6.7245	.33557
Stddev	.00085	.0059	.0006	.00110	.0045	.00022	.0207	.00005
%RSD	.17154	.44671	.02136	.19068	.37212	.15071	.30722	.01414
#1	.49833	1.3132	2.6897	.57426	1.2196	.14613	6.7230	.33562
#2	.49670	1.3228	2.6904	.57542	1.2124	.14624	6.7047	.33553
#3	.49796	1.3239	2.6908	.57323	1.2112	.14582	6.7459	.33557
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	16.061	1.9762	.27813	5.0118	1.7101	.96216	3.9583	.03436
Stddev	.023	.0038	.00081	.0127	.0028	.00091	.0181	.00014
%RSD	.14157	.19248	.29052	.25337	.16538	.09501	.45592	.41707
#1	16.035	1.9719	.27898	4.9974	1.7134	.96214	3.9579	.03420
#2	16.069	1.9779	.27803	5.0166	1.7084	.96126	3.9766	.03448
#3	16.078	1.9789	.27737	5.0214	1.7086	.96309	3.9405	.03440
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	2.7355	.39009	1.1224	.62266	11.114	.26833	5.6415	.01708
Stddev	.0051	.00046	.0030	.00040	.013	.00076	.0110	.00011
%RSD	.18696	.11887	.27025	.06346	.12142	.28496	.19557	.63448
#1	2.7299	.39062	1.1227	.62221	11.103	.26869	5.6524	.01702
#2	2.7366	.38987	1.1253	.62295	11.111	.26885	5.6418	.01701
#3	2.7400	.38978	1.1193	.62282	11.129	.26745	5.6304	.01720
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	.37315	2.7958	1.6644	2.5882	12.943	.5941	94.197	4344.6
Stddev	.00170	.0019	.0050	.0065	.032	.0020	.620	16.8
%RSD	.45519	.06758	.30051	.25285	.24735	.3357	.65860	.38649
#1	.37165	2.7952	1.6589	2.5941	12.964	.5918	94.225	4363.3
#2	.37280	2.7942	1.6658	2.5893	12.958	.5955	93.564	4339.8
#3	.37499	2.7979	1.6686	2.5811	12.906	.5950	94.804	4330.7

Sample Name: S5 Acquired: 5/1/2019 12:54:03 Type: Cal
 Method: P4-ICP2(v3082) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-333.68
Stddev	9.79
%RSD	2.9346

#1	-334.92
#2	-342.79
#3	-323.32

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4121.2	71691.	6469.3	95.868	4161.7
Stddev	18.7	242.	24.1	.280	4.8
%RSD	.45488	.33729	.37258	.29220	.11491

#1	4103.1	71525.	6444.5	95.828	4159.3
#2	4119.8	71580.	6470.8	96.165	4158.5
#3	4140.5	71968.	6492.6	95.609	4167.2

Sample Name: ICV01 Acquired: 5/1/2019 13:03:31 Type: Unk
Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0231	1.0708	1.0182	1.0312	1.0032	2.5865	.50724
Stddev	.0029	.0048	.0040	.0052	.0074	.0024	.00193
%RSD	.28505	.44620	.39419	.50148	.73515	.09287	.37983

#1	1.0257	1.0760	1.0221	1.0364	1.0047	2.5860	.50622
#2	1.0237	1.0696	1.0185	1.0312	1.0097	2.5891	.50946
#3	1.0200	1.0666	1.0141	1.0260	.99519	2.5843	.50604

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49170	.49130	10.444	.51081	.50090	.51213	5.2176
Stddev	.00107	.00056	.020	.00048	.00212	.00256	.0054
%RSD	.21733	.11469	.18876	.09336	.42247	.49931	.10273

#1	.49294	.49189	10.429	.51087	.50265	.51123	5.2238
#2	.49113	.49077	10.466	.51030	.50149	.51502	5.2146
#3	.49105	.49123	10.436	.51125	.49855	.51015	5.2144

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51653	6.0142	.50734	.51774	10.163	.50386	.97636
Stddev	.00091	.0653	.00246	.00108	.021	.00235	.00123
%RSD	.17576	1.0857	.48583	.20854	.20680	.46692	.12644

#1	.51722	6.0286	.50963	.51846	10.157	.50604	.97579
#2	.51550	6.0710	.50767	.51650	10.186	.50137	.97777
#3	.51687	5.9428	.50473	.51826	10.145	.50416	.97551

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.103	2.4825	2.4214	2.3556	2.4548	2.3922	2.4924
Stddev	.029	.0070	.0179	.0126	.0113	.0101	.0125
%RSD	.28860	.28225	.74108	.53412	.46088	.42248	.49972

#1	10.090	2.4764	2.4300	2.3674	2.4451	2.3995	2.4789
#2	10.137	2.4810	2.4334	2.3572	2.4522	2.3965	2.5034
#3	10.083	2.4902	2.4007	2.3423	2.4672	2.3807	2.4950

Sample Name: ICV01 Acquired: 5/1/2019 13:03:31 Type: Unk
Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	2.7100	2.590	2.4301	F<.00000	F 1.9311
Stddev	.0119	.013	.0075	.11771	.2825
%RSD	.43751	.5086	.30773	117810.	14.631
#1	2.7151	2.603	2.4283	.11223	2.2412
#2	2.6964	2.590	2.4237	-.12254	1.8636
#3	2.7184	2.577	2.4383	.01001	1.6884
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4360.0	75119.	6580.7	100.76	4763.2
Stddev	6.5	139.	39.5	3.72	5.4
%RSD	.14845	.18550	.60031	3.6899	.11317
#1	4367.5	74960.	6575.1	101.46	4759.0
#2	4357.2	75176.	6622.7	104.08	4761.3
#3	4355.5	75220.	6544.3	96.746	4769.3

Sample Name: LLICV01 Acquired: 5/1/2019 13:07:32 Type: Unk
Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01930	.04016	.01249	.02260	.04772	.09486	.10097
Stddev	.00124	.00063	.00080	.00199	.00139	.00713	.00030
%RSD	6.4470	1.5694	6.4396	8.7955	2.9060	7.5111	.29471

#1	.02034	.04061	.01340	.02174	.04611	.08917	.10065
#2	.01964	.04042	.01218	.02487	.04848	.09256	.10123
#3	.01792	.03944	.01188	.02118	.04855	.10285	.10104

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00608	.00566	2.0287	.01035	.02803	.02074	.10329
Stddev	.00006	.00002	.0074	.00015	.00019	.00023	.00081
%RSD	.98096	.32372	.36561	1.4886	.68203	1.1000	.78139

#1	.00601	.00565	2.0346	.01045	.02785	.02058	.10348
#2	.00612	.00565	2.0204	.01017	.02800	.02063	.10240
#3	.00611	.00568	2.0310	.01044	.02823	.02100	.10398

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02173	1.9569	.03950	.01049	2.0056	.03906	.03335
Stddev	.00016	.0356	.00023	.00057	.0066	.00031	.00022
%RSD	.75860	1.8174	.59365	5.4657	.32798	.78412	.65794

#1	.02158	1.9959	.03928	.00998	2.0002	.03941	.03347
#2	.02171	1.9487	.03974	.01111	2.0036	.03890	.03348
#3	.02191	1.9262	.03948	.01037	2.0129	.03887	.03309

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0025	.20553	.11422	.01813	.39336	.03908	.03804
Stddev	.0146	.00034	.01859	.00070	.00379	.00066	.00151
%RSD	.72960	.16383	16.276	3.8816	.96443	1.7006	3.9740

#1	1.9857	.20578	.09821	.01874	.39749	.03845	.03641
#2	2.0122	.20515	.13461	.01736	.39256	.03978	.03939
#3	2.0097	.20565	.10985	.01828	.39004	.03900	.03833

Sample Name: LLICV01 Acquired: 5/1/2019 13:07:32 Type: Unk
Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.02128	.0191	.02009	F .84232	F<.00000
Stddev	.00126	.0007	.00006	.55593	1.1798
%RSD	5.9019	3.743	.31564	65.999	50.524

#1	.01994	.0192	.02013	.53655	-2.8441
#2	.02243	.0183	.02002	.50641	-3.1750
#3	.02148	.0197	.02013	1.4840	-.98628

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4444.4	77709.	6688.8	103.00	5053.6
Stddev	9.3	132.	34.8	2.55	3.0
%RSD	.20884	.17041	.51959	2.4736	.05850

#1	4433.7	77861.	6652.7	100.51	5050.9
#2	4450.5	77648.	6691.8	102.88	5053.1
#3	4448.9	77618.	6722.0	105.60	5056.7

Sample Name: ICB01 Acquired: 5/1/2019 13:11:56 Type: Unk
Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00063	-.00062	.00102	.00295	-.00239	-.00304	.00082
Stddev	.00143	.00130	.00044	.00234	.00170	.00197	.00013
%RSD	228.36	209.05	42.731	79.322	71.027	64.703	15.596

#1	-.00032	-.00103	.00067	.00440	-.00057	-.00230	.00095
#2	.00227	-.00167	.00088	.00421	-.00266	-.00527	.00069
#3	-.00007	.00083	.00151	.00025	-.00394	-.00155	.00081

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.00005	-.01928	.00020	-.00005	.00042	.00045
Stddev	.00004	.00004	.00981	.00028	.00010	.00008	.00055
%RSD	446.31	66.437	50.872	140.23	184.87	19.547	121.59

#1	.00002	-.00001	-.03057	-.00011	.00005	.00034	.00014
#2	.00004	-.00008	-.01448	.00045	-.00006	.00042	.00013
#3	-.00003	-.00007	-.01280	.00026	-.00015	.00050	.00109

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	.01030	.00065	.00013	.00911	.00030	-.00715
Stddev	.00002	.03669	.00036	.00021	.00352	.00041	.00012
%RSD	551.47	356.01	56.065	165.76	38.676	138.07	1.7474

#1	.00001	.04671	.00053	.00010	.00541	.00045	-.00701
#2	-.00002	.01086	.00106	.00035	.00950	-.00017	-.00718
#3	.00002	-.02666	.00036	-.00007	.01242	.00062	-.00725

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05621	.00014	.00242	-.00202	.00171	.00109	-.00075
Stddev	.02578	.00042	.00165	.00085	.00151	.00049	.00064
%RSD	45.864	305.34	68.184	41.992	88.662	44.908	85.699

#1	.02653	.00034	.00229	-.00105	.00262	.00079	-.00046
#2	.06903	-.00035	.00414	-.00237	-.00004	.00166	-.00030
#3	.07307	.00043	.00084	-.00263	.00255	.00083	-.00148

Sample Name: ICB01 Acquired: 5/1/2019 13:11:56 Type: Unk
Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00209	.0005	.00006	F 1.3742	F<.00000
Stddev	.00110	.0007	.00005	.2830	.94651
%RSD	52.544	136.3	90.836	20.590	110.86
#1	.00261	.0003	.00008	1.1421	-1.1692
#2	.00083	.0012	.00009	1.2912	.21017
#3	.00283	-.0001	-.00000	1.6894	-1.6023
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4392.4	77345.	6594.0	100.96	5041.2
Stddev	8.2	266.	29.9	.77	6.8
%RSD	.18562	.34412	.45295	.75804	.13545
#1	4383.1	77038.	6586.7	100.34	5034.8
#2	4395.6	77500.	6626.8	100.73	5040.6
#3	4398.5	77498.	6568.4	101.82	5048.4

Sample Name: CRI01 Acquired: 5/1/2019 13:16:24 Type: Unk
Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02307	.04104	.01318	.02410	.04770	.09813	.10271
Stddev	.00252	.00035	.00096	.00184	.00082	.00809	.00080
%RSD	10.937	.84073	7.3034	7.6417	1.7287	8.2491	.77981

#1	.02482	.04142	.01244	.02527	.04683	.08880	.10218
#2	.02018	.04098	.01283	.02506	.04778	.10227	.10363
#3	.02421	.04074	.01427	.02198	.04848	.10332	.10231

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00618	.00568	2.0444	.01034	.02827	.02101	.10597
Stddev	.00008	.00010	.0144	.00009	.00028	.00036	.00097
%RSD	1.3415	1.8396	.70641	.89881	.97322	1.7148	.91214

#1	.00611	.00563	2.0294	.01032	.02796	.02060	.10580
#2	.00627	.00580	2.0457	.01026	.02842	.02120	.10510
#3	.00615	.00562	2.0582	.01044	.02844	.02124	.10701

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02196	1.9902	.03966	.01027	2.0170	.04007	.03101
Stddev	.00013	.0542	.00020	.00036	.0058	.00041	.00041
%RSD	.58320	2.7242	.50546	3.5153	.28669	1.0326	1.3352

#1	.02204	1.9846	.03948	.01057	2.0236	.03962	.03062
#2	.02181	2.0470	.03987	.00987	2.0133	.04015	.03095
#3	.02201	1.9390	.03962	.01037	2.0140	.04044	.03145

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0366	.20765	.09138	.01778	.40282	.03781	.03917
Stddev	.0137	.00076	.01038	.00088	.00265	.00047	.00186
%RSD	.67251	.36569	11.360	4.9578	.65667	1.2453	4.7579

#1	2.0210	.20792	.10335	.01829	.40554	.03738	.03909
#2	2.0427	.20679	.08586	.01676	.40026	.03831	.04108
#3	2.0463	.20824	.08492	.01829	.40265	.03772	.03735

Sample Name: CRI01 Acquired: 5/1/2019 13:16:24 Type: Unk
 Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.02432	.0180	.02054	F 1.1528	F<.00000
Stddev	.00113	.0013	.00011	.3406	1.4221
%RSD	4.6636	6.984	.55319	29.545	97.165
#1	.02409	.0175	.02060	.90204	.17365
#2	.02555	.0194	.02061	1.5406	-2.1730
#3	.02332	.0170	.02041	1.0158	-2.3914
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4387.9	77051.	6564.7	100.45	4998.5
Stddev	5.1	72.	21.4	1.67	4.3
%RSD	.11687	.09295	.32551	1.6602	.08672
#1	4383.0	77061.	6543.2	99.392	5001.1
#2	4393.2	76975.	6564.9	99.592	4993.5
#3	4387.6	77117.	6586.0	102.38	5000.8

Sample Name: ICSA01 Acquired: 5/1/2019 13:32:35 Type: Unk
Method: P4-ICP2(v3082) 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	.00305	.01228	.00771	.01126	.00404	280.24	.00747	.00073
Stddev	.00253	.00200	.00237	.00150	.00392	.58	.00017	.00007
%RSD	82.883	16.247	30.691	13.355	96.991	.20699	2.2778	9.9405
#1	.00280	.01066	.00787	.00967	.00291	279.60	.00762	.00069
#2	.00066	.01168	.00999	.01266	.00840	280.72	.00729	.00069
#3	.00570	.01451	.00526	.01145	.00081	280.42	.00750	.00081
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00166	248.72	.04864	-.00064	-.01367	96.899	.01580	279.37
Stddev	.00002	6.99	.00036	.00005	.00081	.169	.00006	.56
%RSD	1.1203	2.8116	.73751	7.2876	5.9343	.17490	.38538	.20092
#1	-.00165	240.72	.04901	-.00066	-.01299	96.900	.01587	278.94
#2	-.00164	253.67	.04829	-.00059	-.01346	97.068	.01578	280.01
#3	-.00168	251.77	.04863	-.00068	-.01457	96.729	.01575	279.17
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01843	-.00212	.05051	.00211	-.02213	.09921	-.00344	.02402
Stddev	.00046	.00031	.00627	.00037	.00041	.01819	.00018	.00599
%RSD	2.5147	14.447	12.417	17.505	1.8525	18.336	5.3274	24.916
#1	-.01847	-.00189	.05500	.00203	-.02217	.11412	-.00365	.03077
#2	-.01795	-.00200	.05318	.00251	-.02252	.07894	-.00336	.01934
#3	-.01888	-.00247	.04335	.00178	-.02170	.10456	-.00331	.02196
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00355	-.00432	.00638	-.00219	.01790	.0006	-.00347	3.7693
Stddev	.00426	.00118	.00115	.00116	.00123	.0004	.00264	.1005
%RSD	119.97	27.274	17.954	53.149	6.8578	75.87	76.132	2.6659
#1	.00627	-.00505	.00770	-.00348	.01652	.0009	-.00651	3.8470
#2	-.00136	-.00296	.00562	-.00187	.01832	.0007	-.00177	3.8052
#3	.00575	-.00494	.00583	-.00122	.01886	.0001	-.00212	3.6559

Sample Name: ICSA01 Acquired: 5/1/2019 13:32:35 Type: Unk
Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	52.835
Stddev	2.444
%RSD	4.6255

#1	52.578
#2	55.397
#3	50.529

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3912.4	67904.	6476.0	95.557	3954.1
Stddev	15.7	211.	162.1	3.099	17.0
%RSD	.40137	.31003	2.5027	3.2426	.42874

#1	3895.9	67748.	6661.1	99.089	3934.6
#2	3914.3	67822.	6359.9	93.298	3962.5
#3	3927.2	68144.	6406.9	94.283	3965.2

Sample Name: ICSAB01 Acquired: 5/1/2019 13:37:12 Type: Unk
Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10825	.12105	.05747	.05884	.61110	274.74	.53277	.51668	.98386
Stddev	.00393	.00298	.00066	.00316	.00376	.56	.00093	.00073	.01072
%RSD	3.6338	2.4650	1.1493	5.3686	.61531	.20250	.17459	.14092	1.0892

#1	.11248	.12036	.05686	.05522	.61184	274.23	.53360	.51616	.97469
#2	.10470	.11847	.05817	.06027	.60703	274.67	.53176	.51752	.98126
#3	.10758	.12432	.05739	.06102	.61444	275.33	.53294	.51637	.99564

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	245.87	.53752	.48715	.45499	94.553	.51087	272.17	.95007	.20615
Stddev	.50	.00044	.00470	.00378	.350	.00041	.53	.01137	.00081
%RSD	.20461	.08111	.96511	.83016	.37003	.07993	.19431	1.1965	.39444

#1	246.32	.53705	.48457	.45205	94.159	.51120	271.65	.94176	.20686
#2	245.98	.53790	.48429	.45367	94.829	.51100	272.14	.94544	.20632
#3	245.33	.53761	.49257	.45925	94.670	.51041	272.71	.96303	.20526

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	.05682	.49899	1.0361	.11485	1.0309	1.1246	1.0574	.94741	1.0348
Stddev	.01008	.00030	.0127	.01103	.0098	.0127	.0102	.00036	.0083
%RSD	17.733	.05995	1.2241	9.6005	.94950	1.1251	.96122	.03754	.79938

#1	.04739	.49895	1.0246	.12105	1.0224	1.1292	1.0488	.94700	1.0297
#2	.05563	.49931	1.0341	.10212	1.0285	1.1103	1.0548	.94764	1.0304
#3	.06744	.49871	1.0497	.12138	1.0416	1.1343	1.0686	.94759	1.0444

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	1.0202	1.0809	1.032	.99716	3.4738	50.837			
Stddev	.0042	.0063	.007	.00852	.0960	2.076			
%RSD	.40764	.58718	.6393	.85472	2.7646	4.0831			

#1	1.0248	1.0883	1.027	1.0065	3.4652	48.692			
#2	1.0189	1.0778	1.030	.99530	3.5738	52.835			
#3	1.0168	1.0768	1.040	.98973	3.3823	50.983			

Sample Name: ICSAB01 Acquired: 5/1/2019 13:37:12 Type: Unk
Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB01 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	3931.0	68147.	6411.5	92.215	3970.8
Stddev	9.3	82.	27.6	1.373	1.2
%RSD	.23728	.11996	.42994	1.4884	.02953
#1	3932.0	68212.	6383.3	91.499	3970.8
#2	3921.2	68174.	6412.9	91.349	3969.6
#3	3939.8	68055.	6438.4	93.798	3971.9

Sample Name: CCV01 Acquired: 5/1/2019 13:41:36 Type: Unk
Method: P4-ICP2(v3082) 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
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8653	4.8733	4.8259	4.8661	4.8721	9.9029	9.7369
Stddev	.0035	.0118	.0067	.0053	.0019	.0714	.0355
%RSD	.07256	.24259	.13928	.10949	.03931	.72084	.36432

#1	4.8671	4.8660	4.8190	4.8603	4.8701	9.8300	9.7080
#2	4.8675	4.8869	4.8324	4.8707	4.8739	9.9727	9.7765
#3	4.8612	4.8669	4.8264	4.8675	4.8724	9.9061	9.7261

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24199	2.4007	24.620	.97784	2.4079	1.1886	4.9611
Stddev	.00057	.0057	.089	.00094	.0054	.0033	.0094
%RSD	.23733	.23795	.36254	.09607	.22258	.27448	.18963

#1	.24194	2.3958	24.547	.97877	2.4030	1.1919	4.9653
#2	.24259	2.4069	24.719	.97787	2.4136	1.1854	4.9677
#3	.24144	2.3993	24.593	.97689	2.4070	1.1885	4.9503

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4962	24.281	2.4158	1.2352	24.502	2.4581	2.4273
Stddev	.0028	.146	.0082	.0026	.072	.0015	.0041
%RSD	.11179	.60065	.33761	.20724	.29184	.06062	.16774

#1	2.4974	24.148	2.4135	1.2360	24.456	2.4598	2.4242
#2	2.4982	24.258	2.4249	1.2372	24.584	2.4578	2.4319
#3	2.4930	24.437	2.4091	1.2323	24.465	2.4568	2.4258

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.168	4.9273	4.8438	4.7452	4.8600	4.8017	4.9270
Stddev	.089	.0026	.0235	.0186	.0070	.0152	.0068
%RSD	.36667	.05177	.48576	.39161	.14340	.31556	.13834

#1	24.084	4.9252	4.8218	4.7285	4.8570	4.7843	4.9200
#2	24.261	4.9301	4.8686	4.7652	4.8679	4.8116	4.9336
#3	24.160	4.9265	4.8411	4.7418	4.8549	4.8094	4.9273

Sample Name: CCV01 Acquired: 5/1/2019 13:41:36 Type: Unk
 Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	5.0000	4.903	4.8983	F 2.1024	F<.00000
Stddev	.0085	.020	.0035	.1931	1.6985
%RSD	.17076	.4078	.07143	9.1866	130.44

#1	4.9959	4.880	4.8963	2.1276	.53473
#2	4.9942	4.917	4.9024	1.8979	-2.8158
#3	5.0098	4.911	4.8963	2.2817	-1.6252

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4245.3	73598.	6531.2	96.956	4471.1
Stddev	7.0	113.	22.3	1.519	4.4
%RSD	.16422	.15382	.34133	1.5665	.09760

#1	4238.0	73470.	6510.1	98.267	4473.7
#2	4251.9	73634.	6554.5	97.311	4466.0
#3	4246.0	73688.	6529.0	95.292	4473.5

Sample Name: LLCCV01 Acquired: 5/1/2019 13:45:35 Type: Unk
Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLCCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02316	.04175	.01274	.02133	.04637	.09561	.10090
Stddev	.00123	.00075	.00088	.00133	.00152	.00330	.00101
%RSD	5.3177	1.7866	6.8844	6.2415	3.2707	3.4527	1.0023

#1	.02422	.04093	.01353	.01987	.04704	.09482	.09981
#2	.02181	.04239	.01290	.02164	.04464	.09277	.10180
#3	.02344	.04192	.01179	.02247	.04744	.09923	.10110

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00608	.00613	2.0376	.01060	.02863	.01983	.11392
Stddev	.00002	.00003	.0210	.00025	.00015	.00042	.00044
%RSD	.36304	.42273	1.0328	2.3311	.52267	2.1416	.38493

#1	.00610	.00612	2.0619	.01064	.02850	.02009	.11398
#2	.00608	.00616	2.0257	.01034	.02860	.01934	.11433
#3	.00605	.00612	2.0251	.01083	.02880	.02007	.11346

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02243	1.9768	.03978	.01126	1.9887	.03976	.03212
Stddev	.00014	.0156	.00017	.00012	.0142	.00019	.00023
%RSD	.62181	.78990	.43688	1.0551	.71477	.46653	.71711

#1	.02260	1.9646	.03962	.01123	1.9770	.03974	.03225
#2	.02237	1.9715	.03997	.01116	2.0045	.03958	.03225
#3	.02234	1.9944	.03974	.01139	1.9845	.03995	.03185

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0743	.20668	.10394	.01765	.39069	.03970	.04054
Stddev	.0450	.00012	.00996	.00103	.00480	.00113	.00068
%RSD	2.1701	.05814	9.5785	5.8145	1.2291	2.8360	1.6863

#1	2.0228	.20677	.10177	.01738	.39540	.04047	.04121
#2	2.0937	.20672	.09525	.01679	.38580	.04022	.04055
#3	2.1063	.20655	.11480	.01879	.39087	.03841	.03985

Sample Name: LLCCV01 Acquired: 5/1/2019 13:45:35 Type: Unk
 Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LLCCV01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.02024	.0188	.02194	F 1.2139	F<.00000
Stddev	.00104	.0005	.00029	.1157	.61345
%RSD	5.1320	2.527	1.3010	9.5296	14.956

#1	.02104	.0193	.02226	1.0829	-4.1676
#2	.01907	.0185	.02181	1.3019	-3.4578
#3	.02061	.0186	.02174	1.2570	-4.6794

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4412.0	77977.	6599.9	101.53	5022.8
Stddev	14.2	160.	53.2	.91	5.9
%RSD	.32151	.20488	.80649	.89920	.11802

#1	4396.4	77803.	6539.4	101.28	5016.3
#2	4424.2	78012.	6639.6	102.54	5024.0
#3	4415.5	78116.	6620.7	100.77	5027.9

Sample Name: CCB01 Acquired: 5/1/2019 13:50:00 Type: Unk
Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00061	.00037	-.00020	.00309	-.00215	-.02988	.00078
Stddev	.00116	.00054	.00062	.00114	.00088	.00378	.00026
%RSD	190.83	145.56	313.48	36.956	40.933	12.652	32.971

#1	.00048	-.00024	-.00089	.00281	-.00143	-.03316	.00048
#2	-.00048	.00080	.00001	.00212	-.00189	-.02575	.00091
#3	.00182	.00055	.00029	.00435	-.00314	-.03074	.00095

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	.00004	-.02721	.00012	.00019	-.00120	.00182
Stddev	.00003	.00013	.00871	.00028	.00007	.00004	.00055
%RSD	59.419	306.30	32.013	222.03	38.500	2.9577	30.204

#1	-.00002	.00004	-.03715	.00042	.00012	-.00117	.00121
#2	-.00007	-.00009	-.02094	-.00013	.00027	-.00120	.00197
#3	-.00004	.00017	-.02353	.00009	.00018	-.00124	.00227

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	-.03017	.00122	.00053	.00800	-.00001	-.00839
Stddev	.00005	.01188	.00054	.00020	.00906	.00020	.00018
%RSD	43.001	39.381	44.499	37.542	113.32	1879.7	2.1521

#1	.00015	-.02444	.00122	.00066	.00030	.00014	-.00853
#2	.00014	-.04382	.00067	.00064	.00570	.00007	-.00819
#3	.00006	-.02224	.00176	.00030	.01798	-.00024	-.00846

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13830	.00041	-.00026	.00066	-.00438	.00028	-.00022
Stddev	.00884	.00033	.01102	.00490	.00220	.00070	.00067
%RSD	6.3942	82.013	4282.8	745.48	50.228	244.76	310.28

#1	.14848	.00057	.00760	.00535	-.00186	.00055	.00010
#2	.13255	.00002	-.01285	-.00442	-.00593	-.00050	-.00099
#3	.13387	.00063	.00448	.00104	-.00537	.00081	.00024

Sample Name: CCB01 Acquired: 5/1/2019 13:50:00 Type: Unk
 Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00117	.0026	.00012	F 1.0088	F<.00000
Stddev	.00065	.0013	.00002	.3037	.52514
%RSD	55.239	48.00	16.369	30.105	7.2080

#1	.00115	.0013	.00014	1.3206	-7.7294
#2	.00183	.0039	.00010	.71390	-6.7058
#3	.00054	.0027	.00012	.99188	-7.4215

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4407.8	78529.	6618.3	103.06	5077.2
Stddev	11.3	41.	15.3	1.26	10.2
%RSD	.25585	.05266	.23113	1.2225	.20166

#1	4397.5	78556.	6629.1	102.18	5071.2
#2	4406.0	78482.	6600.8	104.50	5071.3
#3	4419.8	78550.	6625.0	102.48	5089.0

Sample Name: K2241-01 Acquired: 5/1/2019 13:53:56 Type: Unk
Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LOD=1/2/CRQL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00898	.01491	.00406	.00847	.01612	.03753	.03744
Stddev	.00462	.00074	.00044	.00092	.00115	.00523	.00059
%RSD	51.451	4.9820	10.763	10.912	7.1627	13.949	1.5856

#1	.00885	.01575	.00457	.00912	.01688	.03547	.03695
#2	.00443	.01432	.00385	.00888	.01668	.03364	.03810
#3	.01367	.01467	.00378	.00741	.01479	.04348	.03726

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00220	.00207	.74770	.00379	.01071	.00652	.04057
Stddev	.00005	.00005	.01695	.00022	.00007	.00026	.00075
%RSD	2.4645	2.3312	2.2670	5.7738	.61100	4.0629	1.8516

#1	.00225	.00204	.76254	.00398	.01076	.00663	.04118
#2	.00221	.00212	.75133	.00384	.01063	.00621	.03973
#3	.00214	.00204	.72922	.00355	.01073	.00671	.04081

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00830	.73992	.01580	.00430	.75606	.01462	.00553
Stddev	.00004	.01027	.00014	.00024	.00262	.00005	.00020
%RSD	.43268	1.3882	.85967	5.5125	.34598	.37399	3.6458

#1	.00834	.74460	.01579	.00456	.75647	.01466	.00531
#2	.00827	.74701	.01594	.00424	.75327	.01463	.00558
#3	.00828	.72814	.01567	.00409	.75845	.01456	.00571

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.88491	.07789	.02746	.00654	.14409	.01341	.01429
Stddev	.05511	.00014	.00527	.00298	.00414	.00054	.00114
%RSD	6.2277	.18463	19.181	45.614	2.8707	4.0001	7.9806

#1	.85758	.07773	.02189	.00627	.14825	.01325	.01453
#2	.84882	.07801	.02812	.00371	.14406	.01401	.01305
#3	.94835	.07791	.03236	.00966	.13997	.01298	.01529

Sample Name: K2241-01 Acquired: 5/1/2019 13:53:56 Type: Unk
 Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LOD=1/2/CRQL Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01014	.0080	.00784	.24358	F<.00000
Stddev	.00113	.0014	.00004	.34166	.68550
%RSD	11.139	16.99	.54193	140.27	11.891

#1	.01023	.0082	.00787	-.15084	-5.2511
#2	.01122	.0092	.00779	.44829	-6.5432
#3	.00896	.0065	.00786	.43328	-5.5003

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4421.6	78136.	6630.3	102.21	5062.1
Stddev	6.8	319.	23.2	1.55	9.0
%RSD	.15415	.40874	.35054	1.5194	.17850

#1	4428.8	77768.	6609.4	100.72	5067.7
#2	4415.3	78327.	6626.2	103.82	5051.7
#3	4420.8	78314.	6655.3	102.10	5066.9

Sample Name: K2241-03 Acquired: 5/1/2019 13:58:26 Type: Unk
Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00616	.01005	.00200	.00775	.00927	.02442	.02540
Stddev	.00090	.00036	.00110	.00246	.00075	.01130	.00058
%RSD	14.694	3.5897	54.742	31.765	8.1053	46.299	2.3002

#1	.00535	.01016	.00091	.00493	.01007	.01308	.02559
#2	.00714	.01035	.00311	.00891	.00859	.02448	.02474
#3	.00599	.00965	.00199	.00943	.00914	.03569	.02586

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00150	.00133	.51266	.00233	.00746	.00355	.02736
Stddev	.00008	.00001	.01453	.00050	.00035	.00019	.00009
%RSD	5.3455	1.0092	2.8347	21.528	4.6330	5.3880	.32370

#1	.00141	.00134	.52484	.00178	.00728	.00333	.02731
#2	.00152	.00131	.49657	.00276	.00786	.00370	.02731
#3	.00156	.00133	.51656	.00246	.00724	.00360	.02746

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00562	.47550	.01070	.00299	.51662	.01008	.00075
Stddev	.00008	.03339	.00032	.00031	.00719	.00044	.00005
%RSD	1.3477	7.0213	3.0244	10.439	1.3912	4.3407	7.3073

#1	.00554	.51268	.01105	.00331	.51138	.01023	.00081
#2	.00569	.46576	.01066	.00297	.51366	.01042	.00070
#3	.00562	.44807	.01040	.00269	.52481	.00958	.00073

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.68306	.05298	.02086	.00472	.09640	.00891	.01019
Stddev	.01544	.00008	.00728	.00126	.00109	.00058	.00098
%RSD	2.2598	.15090	34.913	26.792	1.1280	6.4611	9.6318

#1	.66869	.05301	.01254	.00566	.09744	.00826	.00915
#2	.69937	.05289	.02607	.00521	.09649	.00909	.01110
#3	.68112	.05304	.02398	.00328	.09527	.00937	.01033

Sample Name: K2241-03 Acquired: 5/1/2019 13:58:26 Type: Unk
 Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: MDL Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00984	.0061	.00520	.74403	F<.00000
Stddev	.00078	.0010	.00005	.26902	1.2747
%RSD	7.8977	16.98	.92123	36.157	16.321
#1	.01060	.0052	.00525	1.0071	-6.3403
#2	.00905	.0072	.00518	.46944	-8.4843
#3	.00987	.0059	.00516	.75554	-8.6071
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4414.7	78005.	6641.1	102.94	5047.7
Stddev	13.8	36.	28.4	1.48	7.8
%RSD	.31331	.04591	.42825	1.4393	.15374
#1	4400.7	78040.	6636.6	101.38	5038.7
#2	4415.2	78007.	6615.2	103.10	5052.8
#3	4428.3	77969.	6671.5	104.33	5051.4

Sample Name: K2241-07 Acquired: 5/1/2019 14:02:56 Type: Unk
Method: P4-ICP2(v3082) 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	.01144	.01584	.00448	.00912	.01668	.02593	.04005
Stddev	.00263	.00103	.00057	.00086	.00060	.00511	.00026
%RSD	23.004	6.4727	12.664	9.3893	3.6235	19.699	.66113

#1	.00948	.01699	.00510	.00913	.01645	.02148	.03975
#2	.01041	.01502	.00399	.00997	.01736	.02479	.04024
#3	.01443	.01552	.00435	.00825	.01622	.03150	.04017

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00240	.00212	.81019	.00394	.01158	.00710	.04192
Stddev	.00004	.00004	.00920	.00021	.00022	.00030	.00087
%RSD	1.7805	2.1073	1.1356	5.3754	1.9374	4.2439	2.0702

#1	.00239	.00212	.80917	.00419	.01183	.00728	.04128
#2	.00245	.00208	.80155	.00380	.01143	.00727	.04156
#3	.00237	.00217	.81986	.00384	.01146	.00676	.04291

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00886	.79238	.01644	.00440	.80104	.01608	.00607
Stddev	.00009	.04342	.00006	.00025	.01247	.00044	.00018
%RSD	.97927	5.4800	.35908	5.6100	1.5568	2.7664	3.0090

#1	.00888	.75088	.01638	.00463	.79033	.01629	.00589
#2	.00893	.78874	.01642	.00414	.81473	.01637	.00608
#3	.00876	.83750	.01650	.00442	.79806	.01557	.00625

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.93015	.08344	.02573	.00568	.15404	.01350	.01580
Stddev	.02192	.00054	.00921	.00127	.00441	.00011	.00049
%RSD	2.3563	.64228	35.777	22.340	2.8638	.84988	3.1101

#1	.91776	.08392	.02644	.00466	.15255	.01356	.01546
#2	.95545	.08286	.01619	.00527	.15057	.01337	.01558
#3	.91724	.08353	.03456	.00710	.15900	.01357	.01637

Sample Name: K2241-07 Acquired: 5/1/2019 14:02:56 Type: Unk
 Method: P4-ICP2(v3082) 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	.01231	.0078	.00828	.99451	F<.00000
Stddev	.00038	.0009	.00002	.15536	1.0483
%RSD	3.0941	11.30	.29081	15.621	15.236

#1	.01187	.0086	.00828	.91659	-6.1258
#2	.01249	.0079	.00826	1.1734	-6.4381
#3	.01257	.0069	.00831	.89354	-8.0774

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4391.0	77321.	6588.7	100.97	5011.0
Stddev	15.6	97.	41.6	1.30	14.1
%RSD	.35550	.12514	.63088	1.2851	.28199

#1	4383.4	77416.	6541.7	102.09	5003.5
#2	4380.7	77223.	6620.5	101.28	5002.2
#3	4409.0	77323.	6604.0	99.550	5027.3

Sample Name: K2241-09 Acquired: 5/1/2019 14:07:24 Type: Unk
Method: P4-ICP2(v3082) 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	.00847	.01108	.00279	.00654	.01069	.01595	.02718
Stddev	.00194	.00017	.00047	.00192	.00124	.01613	.00030
%RSD	22.948	1.5100	16.842	29.323	11.601	101.12	1.1154

#1	.00757	.01089	.00250	.00874	.01203	.03025	.02694
#2	.01069	.01115	.00333	.00519	.00958	-.00154	.02752
#3	.00713	.01120	.00254	.00570	.01047	.01915	.02709

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00162	.00142	.55233	.00261	.00796	.00436	.02963
Stddev	.00010	.00003	.01535	.00024	.00016	.00035	.00097
%RSD	6.0527	1.9623	2.7799	9.2743	2.0477	7.9480	3.2627

#1	.00171	.00144	.53483	.00254	.00782	.00408	.02877
#2	.00162	.00139	.55864	.00288	.00794	.00475	.03068
#3	.00152	.00143	.56353	.00241	.00814	.00426	.02944

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00618	.52188	.01169	.00351	.56100	.01077	.00117
Stddev	.00004	.02023	.00066	.00002	.00584	.00015	.00013
%RSD	.69633	3.8770	5.6519	.44967	1.0409	1.4341	11.397

#1	.00622	.52728	.01096	.00352	.55436	.01065	.00102
#2	.00619	.53886	.01224	.00351	.56537	.01095	.00128
#3	.00613	.49949	.01186	.00349	.56325	.01072	.00122

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.72047	.05786	.02086	.00506	.10770	.00909	.01191
Stddev	.01447	.00014	.00533	.00303	.00194	.00024	.00225
%RSD	2.0090	.23539	25.537	59.886	1.8039	2.6325	18.902

#1	.71187	.05779	.02629	.00848	.10811	.00881	.01047
#2	.73718	.05777	.02065	.00274	.10558	.00925	.01076
#3	.71235	.05802	.01564	.00395	.10940	.00921	.01450

Sample Name: K2241-09 Acquired: 5/1/2019 14:07:24 Type: Unk
 Method: P4-ICP2(v3082) 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	.01035	.0058	.00577	1.2504	F<.00000
Stddev	.00171	.0001	.00011	.2385	1.5246
%RSD	16.483	2.512	1.8281	19.074	19.661
#1	.01207	.0060	.00587	1.4172	-8.3516
#2	.00866	.0058	.00576	1.3569	-8.8900
#3	.01032	.0057	.00566	.97722	-6.0216
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4372.1	77500.	6538.9	100.79	5009.8
Stddev	8.3	391.	25.3	.91	7.6
%RSD	.18880	.50452	.38632	.90334	.15152
#1	4363.2	77056.	6520.9	99.750	5002.7
#2	4379.5	77655.	6567.8	101.46	5017.8
#3	4373.7	77790.	6528.1	101.15	5009.0

Sample Name: K2241-07RE Acquired: 5/1/2019 14:11:50 Type: Unk
Method: P4-ICP2(v3082) 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	.01191	.01609	.00429	.01005	.01868	.02827	.03985
Stddev	.00241	.00108	.00073	.00233	.00045	.00909	.00027
%RSD	20.268	6.7275	17.105	23.222	2.3982	32.137	.67980

#1	.01221	.01728	.00345	.00882	.01910	.01819	.03961
#2	.01416	.01516	.00480	.00858	.01873	.03080	.04014
#3	.00936	.01583	.00463	.01274	.01821	.03583	.03981

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00240	.00226	.81730	.00405	.01144	.00745	.04456
Stddev	.00003	.00009	.00585	.00045	.00004	.00013	.00038
%RSD	1.2933	4.0798	.71619	11.052	.34093	1.7684	.86087

#1	.00243	.00232	.81269	.00353	.01148	.00758	.04485
#2	.00239	.00216	.81533	.00426	.01144	.00746	.04413
#3	.00237	.00232	.82388	.00435	.01140	.00732	.04471

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00903	.80487	.01655	.00486	.80905	.01588	.00758
Stddev	.00006	.04248	.00025	.00058	.00622	.00008	.00003
%RSD	.66795	5.2780	1.4825	11.923	.76915	.51382	.42934

#1	.00908	.77711	.01673	.00479	.81617	.01594	.00758
#2	.00896	.85377	.01664	.00432	.80465	.01592	.00755
#3	.00904	.78372	.01627	.00547	.80633	.01579	.00761

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.95202	.08337	.02225	.00528	.15379	.01373	.01546
Stddev	.01896	.00066	.00547	.00264	.00270	.00042	.00038
%RSD	1.9918	.79656	24.583	50.067	1.7552	3.0407	2.4341

#1	.94306	.08308	.01629	.00832	.15440	.01420	.01510
#2	.93920	.08290	.02704	.00376	.15614	.01340	.01585
#3	.97380	.08413	.02342	.00374	.15085	.01359	.01543

Sample Name: K2241-07RE Acquired: 5/1/2019 14:11:50 Type: Unk
Method: P4-ICP2(v3082) 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	.01244	.0083	.00842	1.2912	F<.00000
Stddev	.00081	.0006	.00009	.2743	.34005
%RSD	6.5481	6.878	1.0684	21.246	4.6974
#1	.01325	.0087	.00852	1.5439	-6.8483
#2	.01162	.0076	.00834	1.3303	-7.4668
#3	.01245	.0086	.00840	.99943	-7.4025
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4339.2	76248.	6441.7	98.528	4958.7
Stddev	20.3	183.	22.5	.171	22.0
%RSD	.46751	.23955	.34995	.17382	.44348
#1	4344.8	76357.	6446.0	98.350	4960.8
#2	4356.1	76350.	6417.3	98.692	4979.5
#3	4316.7	76037.	6461.8	98.542	4935.7

Sample Name: K2241-09RE Acquired: 5/1/2019 14:16:17 Type: Unk
Method: P4-ICP2(v3082) 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	.00730	.00986	.00204	.00542	.01001	.00157	.02409
Stddev	.00055	.00036	.00012	.00300	.00156	.00577	.00053
%RSD	7.5472	3.6217	5.6619	55.279	15.565	368.24	2.2115

#1	.00751	.00954	.00191	.00349	.01150	.00043	.02470
#2	.00667	.00980	.00213	.00887	.01014	.00782	.02372
#3	.00771	.01025	.00207	.00390	.00840	-.00355	.02384

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00147	.00130	.50309	.00280	.00715	.00358	.02623
Stddev	.00005	.00008	.00952	.00036	.00029	.00004	.00031
%RSD	3.4400	6.2348	1.8917	12.720	4.0775	1.2106	1.1741

#1	.00150	.00136	.50671	.00308	.00744	.00356	.02652
#2	.00151	.00120	.49230	.00294	.00715	.00363	.02626
#3	.00142	.00133	.51027	.00240	.00686	.00356	.02590

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00561	.49291	.01109	.00296	.49977	.01005	.00339
Stddev	.00002	.04780	.00042	.00044	.01201	.00025	.00020
%RSD	.39617	9.6980	3.7892	15.032	2.4028	2.4528	5.9359

#1	.00562	.54291	.01135	.00300	.51290	.01029	.00327
#2	.00559	.48816	.01132	.00339	.48933	.01005	.00327
#3	.00563	.44766	.01061	.00250	.49710	.00980	.00362

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.68845	.05153	.02284	.00632	.11218	.00754	.00918
Stddev	.02664	.00031	.00404	.00156	.00282	.00061	.00131
%RSD	3.8696	.59251	17.699	24.683	2.5119	8.0895	14.306

#1	.65866	.05154	.02570	.00565	.10972	.00815	.00785
#2	.70998	.05183	.02461	.00521	.11525	.00756	.00922
#3	.69672	.05122	.01822	.00810	.11156	.00693	.01048

Sample Name: K2241-09RE Acquired: 5/1/2019 14:16:17 Type: Unk
Method: P4-ICP2(v3082) 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	.01035	.0043	.00507	<.00000	F<.00000
Stddev	.00120	.0011	.00001	.17768	1.8745
%RSD	11.642	24.79	.25909	46.856	19.454
#1	.01167	.0035	.00507	-.48911	-11.131
#2	.00932	.0055	.00509	-.47426	-10.243
#3	.01005	.0038	.00506	-.17421	-7.5328
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4393.1	76471.	6416.2	99.081	5028.1
Stddev	2.4	64.	22.9	1.591	3.4
%RSD	.05414	.08319	.35657	1.6061	.06771
#1	4395.8	76541.	6439.3	100.92	5027.3
#2	4392.2	76417.	6415.8	98.100	5025.1
#3	4391.3	76455.	6393.6	98.225	5031.8

Sample Name: K2616-01 Acquired: 5/1/2019 14:20:44 Type: Unk
Method: P4-ICP2(v3082) 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	.06438	.01472	.09800	.01233	.00785	324.44	1.9262	.01108
Stddev	.00328	.00049	.00203	.00320	.00213	.65	.0014	.00010
%RSD	5.0885	3.3523	2.0674	25.925	27.109	.20173	.07033	.88632
#1	.06752	.01524	.09960	.01585	.00673	324.80	1.9275	.01100
#2	.06463	.01426	.09572	.00960	.00652	323.68	1.9248	.01106
#3	.06098	.01464	.09868	.01155	.01031	324.84	1.9264	.01119
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03826	1375.7	.48904	.07560	.48537	164.14	6.6517	90.579
Stddev	.00027	5.8	.00163	.00030	.00312	.21	.0237	.235
%RSD	.71347	.41902	.33423	.39764	.64275	.12522	.35689	.25954
#1	.03821	1379.3	.49092	.07528	.48263	164.37	6.6367	90.359
#2	.03802	1369.1	.48823	.07564	.48471	164.07	6.6393	90.551
#3	.03856	1378.8	.48797	.07587	.48876	163.98	6.6791	90.826
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22774	-.00751	7.5347	.37160	10.895	12.553	.00583	.35330
Stddev	.00158	.00043	.0286	.00256	.012	.043	.00013	.00941
%RSD	.69209	5.7142	.38014	.68863	.11452	.34313	2.1564	2.6624
#1	.22606	-.00790	7.5024	.37446	10.903	12.584	.00596	.36413
#2	.22919	-.00705	7.5567	.37081	10.881	12.504	.00582	.34725
#3	.22798	-.00757	7.5452	.36952	10.902	12.572	.00571	.34851
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 36.900	.69555	.00719	9.4838	.30283	6.641	4.6879	1.1383
Stddev	.054	.00878	.00094	.0171	.00123	.029	.0348	.3213
%RSD	.14540	1.2621	13.025	.17991	.40739	.4340	.74242	28.229
#1	36.912	.69196	.00685	9.4768	.30390	6.632	4.7097	.77631
#2	36.842	.70555	.00647	9.4714	.30148	6.618	4.7062	1.2489
#3	36.947	.68914	.00825	9.5033	.30309	6.674	4.6477	1.3898

Sample Name: K2616-01 Acquired: 5/1/2019 14:20:44 Type: Unk
 Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 112.66
Stddev	.94
%RSD	.83315

#1	111.61
#2	113.43
#3	112.93

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4159.5	72499.	7223.8	89.103	3583.7
Stddev	9.5	69.	14.4	1.341	10.4
%RSD	.22942	.09562	.19982	1.5051	.28941

#1	4161.2	72462.	7216.1	90.200	3583.1
#2	4168.1	72579.	7240.4	87.608	3594.3
#3	4149.2	72456.	7214.8	89.500	3573.6

Sample Name: K2616-02 Acquired: 5/1/2019 14:25:34 Type: Unk
Method: P4-ICP2(v3082) 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	.08474	.01971	.19307	.01269	.00785	279.32	1.5819	.01093
Stddev	.00349	.00224	.00155	.00494	.00253	.58	.0078	.00010
%RSD	4.1236	11.360	.80529	38.901	32.196	.20678	.49557	.93366
#1	.08568	.01744	.19272	.01606	.00536	278.88	1.5747	.01095
#2	.08767	.01979	.19172	.01500	.00778	279.98	1.5903	.01103
#3	.08087	.02191	.19477	.00702	.01041	279.12	1.5806	.01082
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01294	1701.6	.33435	.08321	1.2002	166.19	3.7671	106.95
Stddev	.00032	19.1	.00068	.00026	.0029	.47	.0067	.64
%RSD	2.5018	1.1213	.20390	.31397	.24082	.28242	.17692	.60069
#1	.01262	1684.3	.33487	.08299	1.1979	166.60	3.7649	106.21
#2	.01293	1698.5	.33358	.08315	1.2034	166.29	3.7746	107.25
#3	.01327	1722.1	.33459	.08350	1.1992	165.68	3.7618	107.38
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19725	-.00858	8.9514	.32483	18.658	18.002	.00109	.39022
Stddev	.00114	.00054	.0414	.00101	.032	.086	.00058	.01210
%RSD	.57770	6.3119	.46205	.31064	.17230	.47897	53.327	3.1006
#1	.19735	-.00801	8.9090	.32435	18.621	17.939	.00062	.40134
#2	.19607	-.00908	8.9917	.32598	18.678	18.100	.00092	.37733
#3	.19834	-.00866	8.9535	.32414	18.676	17.967	.00175	.39199
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 38.072	.56506	.00394	7.4660	.34864	5.857	7.5284	3.2755
Stddev	.181	.00492	.00087	.0568	.00131	.021	.0673	.2189
%RSD	.47427	.87000	22.025	.76117	.37546	.3518	.89342	6.6827
#1	37.953	.56568	.00295	7.4830	.34778	5.835	7.4968	3.0927
#2	37.984	.55986	.00434	7.4027	.34800	5.859	7.4827	3.5181
#3	38.280	.56963	.00454	7.5124	.35015	5.876	7.6056	3.2156

Sample Name: K2616-02 Acquired: 5/1/2019 14:25:34 Type: Unk
Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 95.345
Stddev .509
%RSD .53409

#1 95.891
#2 94.884
#3 95.258

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3982.1	69532.	7037.8	86.817	3477.7
Stddev	7.7	86.	47.5	1.751	5.0
%RSD	.19387	.12330	.67473	2.0172	.14472

#1	3981.2	69628.	7037.9	88.439	3480.3
#2	3974.8	69465.	7085.2	84.960	3471.9
#3	3990.2	69503.	6990.3	87.053	3480.8

Sample Name: K2616-03 Acquired: 5/1/2019 14:30:16 Type: Unk
Method: P4-ICP2(v3082) 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	.04113	.01037	.21174	.00866	.00581	151.92	1.0127	.00678
Stddev	.00533	.00232	.00194	.00461	.00259	.15	.0027	.00012
%RSD	12.959	22.389	.91691	53.283	44.594	.10170	.26767	1.7149
#1	.04695	.01043	.20969	.01307	.00610	151.96	1.0134	.00665
#2	.03650	.01267	.21355	.00904	.00825	151.75	1.0097	.00687
#3	.03993	.00802	.21199	.00387	.00309	152.04	1.0150	.00683
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00887	1401.0	.14127	.04022	.26813	103.48	3.7419	73.474
Stddev	.00006	8.1	.00108	.00036	.00028	.18	.0014	.176
%RSD	.63349	.58140	.76283	.90082	.10468	.17373	.03821	.23924
#1	.00884	1391.8	.14186	.04032	.26789	103.27	3.7403	73.272
#2	.00883	1407.1	.14003	.03982	.26805	103.60	3.7423	73.592
#3	.00893	1404.2	.14192	.04053	.26844	103.55	3.7430	73.558
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07831	-.00407	5.8389	.16610	3.8583	14.132	-.00034	.33031
Stddev	.00053	.00047	.0208	.00042	.0060	.083	.00021	.00497
%RSD	.67415	11.530	.35667	.25499	.15508	.58672	61.965	1.5035
#1	.07889	-.00391	5.8495	.16603	3.8646	14.228	-.00053	.32777
#2	.07819	-.00460	5.8149	.16572	3.8527	14.079	-.00040	.33603
#3	.07785	-.00370	5.8523	.16656	3.8574	14.090	-.00011	.32713
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 39.700	.49194	-.00237	4.9369	.22037	6.890	F 10.383	4.8761
Stddev	.086	.00589	.00170	.0290	.00043	.004	.078	.1987
%RSD	.21704	1.1975	71.665	.58714	.19721	.0646	.75270	4.0742
#1	39.785	.48534	-.00171	4.9277	.22001	6.888	10.309	5.1048
#2	39.702	.49668	-.00110	4.9694	.22086	6.896	10.465	4.7769
#3	39.613	.49379	-.00430	4.9137	.22025	6.888	10.375	4.7465

Sample Name: K2616-03 Acquired: 5/1/2019 14:30:16 Type: Unk
 Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	35.280
Stddev	2.311
%RSD	6.5502

#1	36.634
#2	36.594
#3	32.612

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3877.1	67344.	6595.7	88.349	3586.3
Stddev	8.9	109.	24.0	1.062	5.1
%RSD	.23000	.16138	.36450	1.2018	.14342

#1	3873.5	67407.	6620.9	88.401	3580.5
#2	3870.7	67406.	6573.0	89.383	3590.3
#3	3887.3	67218.	6593.3	87.262	3588.2

Sample Name: K2616-04 Acquired: 5/1/2019 14:35:01 Type: Unk
Method: P4-ICP2(v3082) 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	.08684	.01534	.35688	.01648	.00663	216.14	1.3169	.01090
Stddev	.00036	.00151	.00480	.00078	.00070	.53	.0065	.00003
%RSD	.41940	9.8444	1.3443	4.7377	10.600	.24601	.49470	.27726
#1	.08642	.01612	.36052	.01718	.00622	215.94	1.3094	.01092
#2	.08708	.01360	.35869	.01564	.00622	216.75	1.3209	.01087
#3	.08702	.01629	.35144	.01663	.00744	215.74	1.3205	.01092
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00626	F 2000.8	.18212	.07946	.41281	173.67	4.9942	185.58
Stddev	.00035	11.4	.00140	.00022	.00160	.09	.0241	.33
%RSD	5.5545	.56896	.76922	.27173	.38672	.04984	.48202	.17991
#1	.00634	2013.6	.18184	.07969	.41130	173.70	5.0049	185.23
#2	.00588	1996.9	.18364	.07925	.41265	173.74	4.9666	185.61
#3	.00656	1991.8	.18088	.07945	.41448	173.57	5.0110	185.89
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15377	-.00984	6.1902	.23526	1.3951	15.218	.00183	.42982
Stddev	.00029	.00058	.0222	.00045	.0034	.105	.00014	.01261
%RSD	.18861	5.9157	.35780	.19134	.24381	.68779	7.4551	2.9331
#1	.15411	-.01011	6.1683	.23493	1.3981	15.104	.00167	.43720
#2	.15361	-.01024	6.2126	.23577	1.3914	15.310	.00193	.43700
#3	.15360	-.00917	6.1898	.23508	1.3958	15.241	.00187	.41526
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 55.969	.56271	-.00656	5.1617	.39477	7.554	F 13.058	3.3849
Stddev	.266	.00465	.00129	.0162	.00236	.034	.009	.3526
%RSD	.47598	.82620	19.660	.31408	.59773	.4526	.06687	10.417
#1	56.267	.56584	-.00668	5.1772	.39748	7.586	13.047	3.3458
#2	55.753	.56492	-.00779	5.1630	.39369	7.518	13.063	3.0535
#3	55.887	.55737	-.00522	5.1449	.39315	7.559	13.063	3.7554

Sample Name: K2616-04 Acquired: 5/1/2019 14:35:01 Type: Unk
 Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 90.016
 Stddev 5.115
 %RSD 5.6826

#1 91.014
 #2 84.476
 #3 94.559

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3830.2	66575.	6646.8	80.560	3321.0
Stddev	5.7	66.	57.7	.353	6.2
%RSD	.14995	.09922	.86847	.43843	.18579

#1	3831.5	66535.	6585.7	80.515	3314.8
#2	3835.2	66539.	6700.4	80.934	3327.2
#3	3823.9	66651.	6654.5	80.232	3321.0

Sample Name: CCV02 Acquired: 5/1/2019 14:39:46 Type: Unk
Method: P4-ICP2(v3082) 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	4.9254	4.9114	4.8224	4.9379	4.8740	9.5184	9.8319
Stddev	.0148	.0005	.0087	.0117	.0113	.0359	.0601
%RSD	.29991	.01098	.18112	.23662	.23089	.37724	.61106

#1	4.9402	4.9120	4.8269	4.9410	4.8855	9.5462	9.8860
#2	4.9107	4.9113	4.8124	4.9250	4.8631	9.4779	9.7672
#3	4.9252	4.9109	4.8281	4.9477	4.8733	9.5312	9.8424

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24741	2.4125	25.068	.99574	2.4424	1.2150	4.9883
Stddev	.00052	.0017	.036	.00395	.0029	.0031	.0031
%RSD	.21156	.07126	.14249	.39674	.11865	.25560	.06241

#1	.24778	2.4108	25.085	.99939	2.4391	1.2155	4.9865
#2	.24681	2.4126	25.027	.99154	2.4436	1.2117	4.9865
#3	.24763	2.4142	25.092	.99628	2.4445	1.2178	4.9919

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5452	24.326	2.4442	1.2344	24.715	2.4735	2.4630
Stddev	.0027	.159	.0030	.0030	.145	.0007	.0006
%RSD	.10716	.65333	.12262	.24192	.58524	.02998	.02249

#1	2.5471	24.273	2.4409	1.2377	24.831	2.4735	2.4630
#2	2.5421	24.201	2.4453	1.2318	24.553	2.4728	2.4636
#3	2.5465	24.505	2.4465	1.2338	24.760	2.4743	2.4625

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.552	4.9467	4.7980	4.8584	4.8955	4.7876	4.9590
Stddev	.140	.0092	.0216	.0073	.0072	.0023	.0023
%RSD	.57160	.18664	.44962	.15064	.14718	.04788	.04655

#1	24.666	4.9538	4.8132	4.8666	4.8872	4.7852	4.9567
#2	24.395	4.9363	4.7733	4.8526	4.8996	4.7879	4.9590
#3	24.595	4.9500	4.8076	4.8560	4.8998	4.7897	4.9613

Sample Name: CCV02 Acquired: 5/1/2019 14:39:46 Type: Unk
 Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	5.0632	5.071	4.9481	F 3.1248	F<.00000
Stddev	.0136	.011	.0031	.1053	2.4544
%RSD	.26846	.2181	.06260	3.3685	52.155
#1	5.0475	5.083	4.9516	3.1926	-2.9196
#2	5.0721	5.063	4.9458	3.1783	-7.5045
#3	5.0700	5.066	4.9468	3.0035	-3.6935
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4227.6	73119.	6437.0	95.127	4417.5
Stddev	9.3	306.	8.6	2.085	3.7
%RSD	.22115	.41792	.13333	2.1920	.08381
#1	4218.5	72877.	6444.2	93.948	4413.7
#2	4237.2	73463.	6427.5	97.535	4417.8
#3	4227.0	73019.	6439.4	93.900	4421.1

Sample Name: CCB02 Acquired: 5/1/2019 14:52:42 Type: Unk
Method: P4-ICP2(v3082) 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	.00100	-.00033	-.00095	.00167	-.00346	-.04575	.00048	-.00004
Stddev	.00170	.00053	.00076	.00204	.00053	.00348	.00021	.00003
%RSD	170.60	159.80	80.271	121.89	15.425	7.6036	42.288	65.556

#1	-.00001	-.00024	-.00008	.00392	-.00310	-.04278	.00025	-.00007
#2	.00296	-.00091	-.00128	.00114	-.00407	-.04491	.00057	-.00001
#3	.00004	.00015	-.00148	-.00005	-.00320	-.04958	.00063	-.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	.04962	.00002	.00031	-.00351	.00175	.00016	-.00798
Stddev	.00006	.02333	.00032	.00024	.00044	.00101	.00012	.03378
%RSD	45.640	47.024	2133.9	78.551	12.445	58.056	73.284	423.55

#1	-.00006	.07253	-.00036	.00058	-.00317	.00288	.00030	-.04684
#2	-.00017	.05044	.00024	.00022	-.00335	.00144	.00010	.01435
#3	-.00016	.02589	.00016	.00012	-.00400	.00092	.00008	.00856

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00241	-.00020	.05687	.00031	-.01633	.21889	.00017	-.00939
Stddev	.00024	.00017	.00661	.00036	.00002	.01804	.00007	.01766
%RSD	10.090	85.283	11.616	116.46	.13952	8.2409	41.678	188.20

#1	.00216	-.00040	.06450	.00015	-.01635	.19879	.00013	.01044
#2	.00265	-.00008	.05293	.00006	-.01631	.22423	.00025	-.02344
#3	.00242	-.00013	.05319	.00072	-.01634	.23366	.00013	-.01516

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00111	-.00794	-.00280	.00020	.00705	.0013	.00065	<.00000
Stddev	.00265	.00215	.00060	.00069	.00084	.0009	.00014	.22679
%RSD	238.63	27.045	21.354	346.25	11.973	63.40	21.506	18.478

#1	-.00040	-.01021	-.00215	-.00045	.00627	.0010	.00080	-1.4622
#2	.00417	-.00594	-.00291	.00093	.00692	.0008	.00063	-1.0096
#3	-.00044	-.00767	-.00333	.00012	.00794	.0023	.00052	-1.2103

Sample Name: CCB02 Acquired: 5/1/2019 14:52:42 Type: Unk
 Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev 2.2957
 %RSD 45.377

#1 -2.4802
 #2 -5.8177
 #3 -6.8796

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4495.5	77852.	6511.4	102.41	5239.8
Stddev	7.8	203.	8.8	1.78	8.9
%RSD	.17248	.26053	.13444	1.7367	.16970

#1	4489.7	77989.	6501.9	103.38	5232.8
#2	4504.3	77948.	6513.0	100.36	5249.8
#3	4492.4	77619.	6519.2	103.49	5236.8

Sample Name: PB119378BL Acquired: 5/1/2019 14:57:06 Type: Unk
Method: P4-ICP2(v3082) 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	.00050	-.00056	-.00077	.00042	-.00419	-.04906	-.00043
Stddev	.00264	.00149	.00050	.00119	.00014	.00453	.00058
%RSD	529.51	267.48	65.434	286.48	3.2629	9.2407	134.28

#1	.00010	-.00227	-.00100	.00021	-.00430	-.04769	.00011
#2	-.00192	.00050	-.00112	-.00066	-.00404	-.05413	-.00105
#3	.00332	.00010	-.00019	.00170	-.00424	-.04537	-.00036

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	-.00023	-.00112	.00020	.00018	-.00237	-.00039
Stddev	.00007	.00003	.00525	.00011	.00009	.00042	.00012
%RSD	2010.9	13.211	468.34	54.668	48.821	17.642	30.475

#1	-.00003	-.00021	.00471	.00008	.00025	-.00279	-.00040
#2	.00008	-.00022	-.00548	.00026	.00021	-.00235	-.00027
#3	-.00004	-.00027	-.00259	.00027	.00008	-.00196	-.00051

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.03211	.00166	.00029	.02362	.00061	-.00885
Stddev	.00005	.03709	.00010	.00036	.00653	.00017	.00015
%RSD	120.41	115.53	5.7379	123.80	27.639	27.308	1.7191

#1	.00002	.07136	.00173	.00058	.02242	.00051	-.00899
#2	.00001	-.00236	.00169	-.00011	.03067	.00052	-.00887
#3	.00011	.02732	.00155	.00039	.01778	.00081	-.00869

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22716	.00004	.00191	.00380	-.00419	-.00116	.00062
Stddev	.03237	.00036	.01609	.00217	.00248	.00068	.00092
%RSD	14.251	990.92	841.23	57.057	59.273	58.879	148.43

#1	.22008	.00042	-.01252	.00626	-.00288	-.00066	-.00020
#2	.19891	-.00029	.01927	.00217	-.00706	-.00193	.00045
#3	.26248	-.00002	-.00101	.00296	-.00263	-.00088	.00161

Sample Name: PB119378BL Acquired: 5/1/2019 14:57:06 Type: Unk
Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .00826	.0022	.00007	F .62572	F<.00000
Stddev	.00083	.0005	.00006	.13269	2.8429
%RSD	10.029	23.45	87.547	21.206	54.914
#1	.00907	.0017	.00006	.51418	-1.9465
#2	.00742	.0022	.00012	.77247	-6.2875
#3	.00830	.0027	.00001	.59052	-7.2970
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4348.6	74776.	6326.6	97.253	4970.4
Stddev	11.7	176.	25.5	1.076	7.3
%RSD	.26943	.23470	.40370	1.1062	.14616
#1	4336.2	74925.	6297.2	96.242	4963.6
#2	4350.1	74582.	6339.7	98.383	4969.5
#3	4359.5	74820.	6342.9	97.133	4978.0

Sample Name: PB119378BS Acquired: 5/1/2019 15:01:34 Type: Unk
Method: P4-ICP2(v3082) 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	.75749	1.9813	.95914	1.9669	.75158	1.7483	.19204	.19799
Stddev	.00473	.0023	.00250	.0009	.00367	.0124	.00125	.00024
%RSD	.62468	.11538	.26073	.04732	.48810	.70712	.65038	.12076
#1	.75514	1.9836	.95940	1.9673	.74848	1.7590	.19305	.19819
#2	.75440	1.9791	.95652	1.9675	.75063	1.7512	.19242	.19772
#3	.76294	1.9811	.96150	1.9658	.75563	1.7348	.19064	.19805
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18528	1.0229	.41019	.19406	.30808	3.0425	.21102	1.9121
Stddev	.00041	.0150	.00071	.00077	.00142	.0059	.00033	.0388
%RSD	.22189	1.4678	.17335	.39877	.46182	.19399	.15602	2.0304
#1	.18518	1.0120	.41074	.19346	.30649	3.0357	.21066	1.9567
#2	.18493	1.0166	.41044	.19379	.30855	3.0454	.21109	1.8930
#3	.18574	1.0400	.40939	.19493	.30921	3.0464	.21131	1.8865
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48792	.07220	2.9893	.30371	.18133	9.8512	.38929	.26494
Stddev	.00130	.00025	.0043	.00076	.00031	.0101	.00137	.01405
%RSD	.26679	.34067	.14495	.24981	.17263	.10290	.35245	5.3030
#1	.48761	.07230	2.9843	.30284	.18101	9.8423	.38821	.28064
#2	.48680	.07239	2.9915	.30424	.18136	9.8622	.38883	.25355
#3	.48935	.07192	2.9921	.30404	.18163	9.8490	.39084	.26063
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.4442	.91934	.63527	.19411	.21260	5.376	.19167	F 2.2402
Stddev	.0127	.00286	.00306	.00236	.00124	.011	.00107	.2236
%RSD	.15072	.31075	.48143	1.2139	.58152	.2015	.55894	9.9795
#1	8.4365	.92156	.63251	.19422	.21216	5.378	.19096	2.4002
#2	8.4371	.91612	.63475	.19642	.21164	5.365	.19113	2.3356
#3	8.4589	.92034	.63856	.19171	.21400	5.386	.19290	1.9847

Sample Name: PB119378BS Acquired: 5/1/2019 15:01:34 Type: Unk
Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.6808
Stddev 3.2429
%RSD 192.94

#1 2.5120
#2 4.4271
#3 -1.8968

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4383.0	75939.	6389.3	99.064	4918.5
Stddev	4.4	321.	9.4	1.400	1.8
%RSD	.09965	.42223	.14669	1.4133	.03752

#1	4388.0	75788.	6394.3	99.074	4918.3
#2	4380.2	75722.	6378.5	97.658	4916.8
#3	4380.7	76307.	6395.1	100.46	4920.5

Sample Name: PB119379BL Acquired: 5/1/2019 15:05:40 Type: Unk
Method: P4-ICP2(v3082) 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	.00085	-.00039	-.00038	.00256	-.00223	-.05962	-.00041
Stddev	.00035	.00027	.00065	.00145	.00087	.00516	.00065
%RSD	40.521	68.971	174.06	56.701	38.952	8.6496	159.07

#1	.00067	-.00008	.00007	.00297	-.00123	-.06549	.00012
#2	.00063	-.00054	-.00112	.00375	-.00280	-.05752	-.00113
#3	.00125	-.00056	-.00007	.00094	-.00267	-.05584	-.00020

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.00018	-.02998	-.00004	.00042	-.00300	-.00105
Stddev	.00004	.00010	.01125	.00003	.00011	.00024	.00041
%RSD	427.09	56.036	37.519	61.758	26.277	8.0984	39.052

#1	-.00003	-.00028	-.03455	-.00006	.00051	-.00315	-.00152
#2	.00004	-.00008	-.01717	-.00006	.00044	-.00272	-.00075
#3	-.00003	-.00017	-.03823	-.00001	.00030	-.00313	-.00089

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.02922	.00164	.00042	.01652	.00035	-.01135
Stddev	.00003	.02221	.00024	.00030	.00761	.00022	.00004
%RSD	269.71	76.013	14.510	71.695	46.034	60.903	.34494

#1	-.00003	-.00937	.00191	.00012	.01883	.00056	-.01134
#2	-.00003	-.05322	.00151	.00072	.00803	.00013	-.01139
#3	.00003	-.02508	.00149	.00041	.02271	.00037	-.01131

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21404	.00034	-.00075	.00460	-.00703	-.00234	.00003
Stddev	.00938	.00010	.01532	.00322	.00201	.00050	.00200
%RSD	4.3835	30.747	2051.1	69.985	28.680	21.476	6271.2

#1	.21731	.00022	-.01795	.00828	-.00866	-.00235	-.00031
#2	.20346	.00039	.01143	.00318	-.00477	-.00184	-.00177
#3	.22135	.00041	.00428	.00234	-.00765	-.00284	.00218

Sample Name: PB119379BL Acquired: 5/1/2019 15:05:40 Type: Unk
Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .00640	.0008	-.00006	F 1.5238	F<.00000
Stddev	.00151	.0007	.00007	.1869	2.8585
%RSD	23.544	92.65	104.12	12.267	53.634
#1	.00476	.0006	-.00006	1.6906	-3.4046
#2	.00672	.0016	-.00013	1.5589	-3.9703
#3	.00772	.0002	-.00000	1.3218	-8.6142
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4364.6	75987.	6430.0	98.031	4965.9
Stddev	5.9	293.	14.1	1.926	3.7
%RSD	.13608	.38616	.21866	1.9647	.07485
#1	4367.2	76018.	6414.8	95.808	4964.0
#2	4357.9	75680.	6442.5	99.217	4963.5
#3	4368.9	76264.	6432.8	99.067	4970.2

Sample Name: PB119379BS Acquired: 5/1/2019 15:10:07 Type: Unk
Method: P4-ICP2(v3082) 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	.74135	1.9304	.94218	1.9127	.73556	1.7353	.18854	.19415
Stddev	.00239	.0046	.00160	.0051	.00270	.0153	.00115	.00035
%RSD	.32222	.23678	.16967	.26673	.36694	.88208	.61050	.18121
#1	.74370	1.9350	.94109	1.9068	.73587	1.7250	.18928	.19432
#2	.73893	1.9258	.94145	1.9159	.73809	1.7280	.18722	.19375
#3	.74143	1.9303	.94402	1.9155	.73272	1.7529	.18913	.19439
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18152	.97625	.40421	.18980	.30026	2.9757	.20707	1.8559
Stddev	.00003	.00781	.00082	.00006	.00082	.0048	.00011	.0336
%RSD	.01650	.79953	.20246	.03295	.27390	.16159	.05448	1.8115
#1	.18151	.98066	.40356	.18978	.30116	2.9805	.20701	1.8549
#2	.18151	.98084	.40396	.18986	.29956	2.9709	.20720	1.8227
#3	.18156	.96724	.40513	.18974	.30005	2.9756	.20700	1.8900
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47937	.07057	2.9520	.29704	.17622	9.7435	.37740	.27284
Stddev	.00177	.00050	.0140	.00113	.00011	.0814	.00016	.00607
%RSD	.36968	.71372	.47489	.38102	.06279	.83544	.04253	2.2263
#1	.47736	.07000	2.9640	.29748	.17628	9.7825	.37742	.26813
#2	.48005	.07095	2.9366	.29576	.17609	9.6499	.37723	.27069
#3	.48071	.07075	2.9553	.29789	.17629	9.7981	.37755	.27970
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.3082	.89255	.61512	.18908	.20515	5.264	.18734	F 1.6687
Stddev	.0202	.01443	.00147	.00123	.00128	.017	.00083	.2958
%RSD	.24286	1.6169	.23936	.65128	.62284	.3313	.44385	17.724
#1	8.3151	.89196	.61395	.18774	.20431	5.249	.18759	1.5589
#2	8.2855	.90727	.61464	.18935	.20662	5.259	.18640	1.4435
#3	8.3241	.87842	.61677	.19016	.20453	5.283	.18801	2.0036

Sample Name: PB119379BS Acquired: 5/1/2019 15:10:07 Type: Unk
Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3.8220
Stddev 1.5042
%RSD 39.356

#1 5.0239
#2 4.3070
#3 2.1352

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4361.3	75188.	6434.4	99.142	4875.2
Stddev	17.0	139.	31.4	.641	14.3
%RSD	.39027	.18526	.48778	.64685	.29343

#1	4345.2	75103.	6449.3	98.417	4862.7
#2	4359.5	75348.	6398.3	99.634	4872.2
#3	4379.1	75112.	6455.5	99.375	4890.8

Sample Name: PB119374BL Acquired: 5/1/2019 15:14:10 Type: Unk
Method: P4-ICP2(v3082) 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	.00093	-.00019	-.00086	.00355	-.00315	-.06074	-.00074
Stddev	.00335	.00110	.00038	.00079	.00025	.01239	.00035
%RSD	359.43	569.90	43.600	22.403	8.0096	20.394	47.677

#1	.00479	-.00103	-.00126	.00364	-.00287	-.05187	-.00054
#2	-.00118	.00106	-.00082	.00271	-.00335	-.05545	-.00115
#3	-.00082	-.00060	-.00051	.00429	-.00325	-.07489	-.00054

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	-.00033	-.03659	.00039	.00033	-.00285	-.00105
Stddev	.00004	.00004	.00113	.00029	.00007	.00011	.00042
%RSD	59.967	11.042	3.0844	75.658	20.083	3.7702	40.476

#1	-.00009	-.00032	-.03530	.00009	.00032	-.00286	-.00151
#2	-.00002	-.00030	-.03742	.00068	.00040	-.00294	-.00094
#3	-.00006	-.00037	-.03705	.00039	.00027	-.00273	-.00068

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.01292	.00130	.00054	.00681	.00063	-.01157
Stddev	.00001	.03424	.00022	.00055	.00488	.00057	.00007
%RSD	239.86	265.07	17.297	101.76	71.636	89.707	.63144

#1	.00000	.05185	.00135	.00025	.00785	.00073	-.01164
#2	-.00001	-.00062	.00106	.00020	.01109	.00002	-.01150
#3	.00002	-.01249	.00150	.00118	.00150	.00114	-.01156

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23770	.00014	-.00290	F .00511	-.00279	-.00202	.00072
Stddev	.02444	.00010	.00136	.00340	.00059	.00034	.00256
%RSD	10.282	75.978	46.833	66.545	21.071	16.766	355.30

#1	.23536	.00025	-.00404	.00507	-.00306	-.00240	.00274
#2	.26322	.00004	-.00326	.00854	-.00320	-.00192	-.00216
#3	.21451	.00012	-.00140	.00173	-.00212	-.00174	.00158

Sample Name: PB119374BL Acquired: 5/1/2019 15:14:10 Type: Unk
Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .00576	.0004	-.00007	F 1.4073	F<.00000
Stddev	.00069	.0012	.00002	.0832	1.1967
%RSD	11.951	278.4	24.188	5.9087	25.496

#1	.00589	.0018	-.00008	1.4987	-4.8344
#2	.00637	-.0004	-.00005	1.3869	-3.4331
#3	.00502	-.0001	-.00008	1.3362	-5.8141

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4351.9	75011.	6367.1	97.725	4950.4
Stddev	12.1	168.	51.1	.501	8.6
%RSD	.27701	.22437	.80234	.51249	.17339

#1	4340.5	74884.	6363.6	97.542	4941.6
#2	4364.5	74947.	6419.8	98.292	4958.7
#3	4350.5	75202.	6317.8	97.342	4950.7

Sample Name: PB119374BS Acquired: 5/1/2019 15:18:37 Type: Unk
Method: P4-ICP2(v3082) 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	.73792	1.9243	.93816	1.9202	.73222	1.7130	.18777	.19369
Stddev	.00388	.0084	.00077	.0051	.00055	.0158	.00224	.00046
%RSD	.52539	.43880	.08224	.26629	.07560	.92371	1.1914	.23939
#1	.74235	1.9337	.93764	1.9216	.73284	1.6995	.18583	.19316
#2	.73514	1.9220	.93780	1.9244	.73177	1.7092	.18728	.19401
#3	.73627	1.9173	.93905	1.9145	.73205	1.7304	.19022	.19390
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18075	.98593	.40340	.18933	.29871	2.9570	.20567	1.9147
Stddev	.00005	.02357	.00151	.00049	.00055	.0074	.00051	.0709
%RSD	.02502	2.3903	.37431	.25914	.18476	.24995	.24778	3.7028
#1	.18072	.97256	.40343	.18987	.29926	2.9527	.20508	1.9010
#2	.18072	.97209	.40187	.18890	.29869	2.9526	.20591	1.8517
#3	.18080	1.0131	.40489	.18924	.29816	2.9655	.20601	1.9915
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47996	.07098	2.9482	.29725	.17597	9.7343	.37662	.26844
Stddev	.00090	.00057	.0466	.00101	.00013	.1285	.00026	.01299
%RSD	.18686	.80265	1.5809	.34001	.07176	1.3203	.06831	4.8388
#1	.47895	.07149	2.9041	.29736	.17584	9.6147	.37691	.25631
#2	.48066	.07036	2.9435	.29618	.17609	9.7181	.37645	.26688
#3	.48028	.07108	2.9969	.29820	.17597	9.8702	.37649	.28214
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 8.3301	.89412	.61615	.18847	.20676	F 5.262	.18724	F 1.4538
Stddev	.0262	.01175	.00138	.00260	.00037	.031	.00069	.3894
%RSD	.31504	1.3142	.22425	1.3773	.17867	.5916	.36809	26.783
#1	8.3591	.90701	.61722	.19098	.20638	5.297	.18645	1.0591
#2	8.3232	.88400	.61459	.18580	.20676	5.250	.18766	1.8376
#3	8.3080	.89136	.61664	.18862	.20712	5.238	.18762	1.4647

Sample Name: PB119374BS Acquired: 5/1/2019 15:18:37 Type: Unk
Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 5.0354
Stddev	1.3292
%RSD	26.397

#1	6.5587
#2	4.4365
#3	4.1110

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4389.8	75607.	6446.0	100.78	4902.9
Stddev	7.2	192.	39.9	.92	5.9
%RSD	.16313	.25408	.61907	.91134	.12105

#1	4390.5	75619.	6405.8	99.900	4906.6
#2	4382.4	75793.	6446.5	101.73	4896.1
#3	4396.6	75410.	6485.6	100.72	4906.1

Sample Name: PB119353BL Acquired: 5/1/2019 15:22:39 Type: Unk
Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PBS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00038	-.00141	-.00088	.00225	-.00133	-.07221	-.00077
Stddev	.00211	.00122	.00084	.00258	.00199	.00304	.00032
%RSD	553.61	86.519	95.650	114.72	149.56	4.2069	41.289

#1	-.00094	-.00128	-.00095	.00340	-.00356	-.06947	-.00110
#2	.00282	-.00026	-.00167	.00406	-.00071	-.07167	-.00047
#3	-.00073	-.00270	-.00000	-.00071	.00028	-.07548	-.00072

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	-.00024	-.02798	.00067	.00009	-.00356	-.00154
Stddev	.00002	.00004	.00637	.00021	.00016	.00011	.00026
%RSD	13.290	16.032	22.771	30.956	177.66	3.1530	16.632

#1	-.00012	-.00027	-.02572	.00044	.00001	-.00343	-.00183
#2	-.00015	-.00026	-.02305	.00084	-.00002	-.00363	-.00139
#3	-.00015	-.00020	-.03517	.00072	.00027	-.00363	-.00139

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	-.00999	.00253	.00013	.01082	.00061	-.01130
Stddev	.00008	.03727	.00047	.00020	.00902	.00015	.00006
%RSD	108.23	373.01	18.702	158.54	83.400	24.048	.55233

#1	.00005	-.00216	.00205	.00033	.01497	.00046	-.01136
#2	.00001	-.05055	.00255	.00012	.00047	.00076	-.01131
#3	.00016	.02274	.00300	-.00007	.01702	.00062	-.01124

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20193	.00019	-.00478	.00308	-.00407	-.00213	-.00011
Stddev	.01927	.00029	.01565	.00247	.00118	.00080	.00063
%RSD	9.5445	151.34	327.51	80.290	29.081	37.723	548.07

#1	.22299	.00015	.00927	.00542	-.00543	-.00138	.00061
#2	.18518	.00050	-.00196	.00334	-.00329	-.00204	-.00042
#3	.19761	-.00008	-.02165	.00049	-.00349	-.00298	-.00054

Sample Name: PB119353BL Acquired: 5/1/2019 15:22:39 Type: Unk
Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PBS Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .00618	.0009	-.00001	F<.00000	F<.00000
Stddev	.00066	.0016	.00004	.33290	.88894
%RSD	10.597	175.0	492.15	94.956	113.05
#1	.00545	.0026	-.00005	-.62807	-.35283
#2	.00640	.0008	-.00001	-.44223	-1.8089
#3	.00670	-.0007	.00003	.01854	-.19734
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4434.8	77348.	6552.1	99.561	5032.0
Stddev	25.3	238.	19.8	.647	18.6
%RSD	.57036	.30820	.30291	.64998	.36926
#1	4405.6	77155.	6561.9	99.192	5010.5
#2	4449.2	77614.	6529.3	100.31	5043.0
#3	4449.7	77273.	6565.2	99.183	5042.4

Sample Name: PB119353BS Acquired: 5/1/2019 15:27:07 Type: Unk
Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LCSS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.72491	1.8785	.92532	1.8726	.73261	1.6962	.18359	.19071
Stddev	.00359	.0066	.00185	.0117	.00258	.0060	.00120	.00068
%RSD	.49539	.34850	.19990	.62642	.35255	.35089	.65429	.35400
#1	.72116	1.8857	.92360	1.8852	.73363	1.6900	.18358	.18994
#2	.72528	1.8729	.92507	1.8620	.72968	1.6967	.18240	.19102
#3	.72831	1.8768	.92728	1.8707	.73453	1.7019	.18480	.19119
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17774	.98115	.39723	.18605	.29192	2.9002	.20138	1.8626
Stddev	.00047	.02551	.00179	.00073	.00066	.0058	.00070	.0415
%RSD	.26612	2.6004	.44947	.39328	.22491	.20091	.34851	2.2286
#1	.17815	.96540	.39522	.18672	.29162	2.8935	.20062	1.9104
#2	.17722	.96746	.39864	.18527	.29147	2.9035	.20200	1.8420
#3	.17785	1.0106	.39783	.18615	.29268	2.9037	.20152	1.8354
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47200	.06948	2.8942	.29236	.17501	9.5326	.37140	.26020
Stddev	.00148	.00013	.0242	.00081	.00044	.0486	.00019	.01887
%RSD	.31450	.19287	.83449	.27825	.25071	.50928	.05239	7.2508
#1	.47331	.06952	2.8912	.29147	.17539	9.4936	.37147	.28034
#2	.47039	.06933	2.8717	.29253	.17453	9.5171	.37118	.25732
#3	.47229	.06958	2.9197	.29307	.17511	9.5870	.37156	.24294
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.2782	.88756	.60681	.18778	.20325	5.171	.18433	F 1.2900
Stddev	.0468	.00849	.00294	.00122	.00174	.025	.00062	.2183
%RSD	.56482	.95638	.48371	.65147	.85466	.4733	.33412	16.919
#1	8.3303	.87835	.60997	.18870	.20124	5.198	.18446	1.3310
#2	8.2644	.88926	.60418	.18824	.20418	5.151	.18365	1.4849
#3	8.2398	.89507	.60627	.18639	.20432	5.164	.18486	1.0542

Sample Name: PB119353BS Acquired: 5/1/2019 15:27:07 Type: Unk
 Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LCSS Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 4.6980
Stddev	.4990
%RSD	10.621

#1	4.9324
#2	5.0365
#3	4.1250

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4400.0	75580.	6426.7	100.75	4897.9
Stddev	4.3	160.	13.2	.46	6.9
%RSD	.09681	.21164	.20487	.46053	.14171

#1	4404.8	75755.	6441.2	100.83	4890.5
#2	4396.6	75542.	6415.3	101.17	4899.0
#3	4398.6	75442.	6423.7	100.25	4904.3

Sample Name: PB119361BL Acquired: 5/1/2019 15:32:34 Type: Unk
Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB119361BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00190	-.00099	.00004	.00302	-.00144	-.08077	-.00042
Stddev	.00226	.00060	.00014	.00204	.00053	.01152	.00033
%RSD	119.08	60.590	327.47	67.593	36.714	14.263	79.852

#1	-.00071	-.00030	-.00002	.00459	-.00183	-.08115	-.00035
#2	.00323	-.00133	.00020	.00071	-.00166	-.09209	-.00078
#3	.00316	-.00135	-.00005	.00375	-.00084	-.06906	-.00012

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	-.00027	-.02914	-.00007	.00031	-.00373	-.00149
Stddev	.00002	.00004	.01795	.00032	.00023	.00028	.00023
%RSD	35.203	15.156	61.612	438.02	72.874	7.4470	15.620

#1	-.00004	-.00032	-.01428	-.00013	.00005	-.00404	-.00145
#2	-.00008	-.00026	-.02406	.00027	.00041	-.00359	-.00128
#3	-.00008	-.00024	-.04909	-.00036	.00048	-.00355	-.00174

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	-.00305	.00220	.00031	.00560	.00074	-.01200
Stddev	.00009	.00714	.00026	.00018	.00931	.00054	.00021
%RSD	202.58	234.13	12.001	58.447	166.15	72.481	1.7120

#1	.00001	.00407	.00247	.00011	.01541	.00115	-.01221
#2	-.00000	-.01022	.00194	.00045	-.00311	.00013	-.01197
#3	-.00015	-.00300	.00220	.00036	.00451	.00093	-.01180

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21364	.00031	-.02011	.00320	-.00441	-.00286	.00099
Stddev	.00968	.00021	.01291	.00271	.00160	.00075	.00137
%RSD	4.5318	68.318	64.199	84.829	36.341	26.395	138.91

#1	.20653	.00010	-.00636	.00568	-.00471	-.00321	.00222
#2	.22466	.00032	-.02201	.00362	-.00584	-.00336	.00125
#3	.20972	.00053	-.03197	.00030	-.00268	-.00199	-.00050

Sample Name: PB119361BL Acquired: 5/1/2019 15:32:34 Type: Unk
 Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB119361BL Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .00638	.0000	-.00003	F .21271	F<.00000
Stddev	.00189	.0006	.00007	.17600	.73756
%RSD	29.579	9631.	240.24	82.740	41.408

#1	.00693	.0006	-.00010	.20059	-.92957
#2	.00428	.0001	.00004	.39446	-2.2011
#3	.00793	-.0006	-.00002	.04309	-2.2129

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4411.3	75749.	6471.0	97.825	5000.9
Stddev	7.7	286.	4.2	1.369	11.9
%RSD	.17560	.37770	.06547	1.3998	.23839

#1	4408.5	75433.	6466.1	99.400	4991.8
#2	4405.4	75824.	6473.1	96.917	4996.4
#3	4420.1	75991.	6473.8	97.158	5014.4

Sample Name: PB119361BS Acquired: 5/1/2019 15:37:02 Type: Unk
Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB119361BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.72584	1.8480	.91746	1.8257	.74593	1.7337	.18963
Stddev	.01093	.0045	.00248	.0084	.00524	.0088	.00113
%RSD	1.5054	.24262	.26995	.46046	.70205	.50597	.59509

#1	.72864	1.8510	.91991	1.8347	.74951	1.7427	.18935
#2	.73509	1.8502	.91752	1.8243	.74837	1.7333	.19087
#3	.71378	1.8428	.91496	1.8181	.73992	1.7252	.18866

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18372	.17592	.98008	.41373	.18900	.28749	2.9317
Stddev	.00016	.00075	.00106	.00139	.00054	.00013	.0086
%RSD	.08645	.42551	.10790	.33482	.28728	.04414	.29184

#1	.18356	.17653	.98114	.41532	.18963	.28734	2.9223
#2	.18387	.17615	.97903	.41311	.18870	.28755	2.9390
#3	.18374	.17508	.98006	.41277	.18868	.28758	2.9337

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20506	1.8628	.47697	.06892	2.9582	.30650	.16827
Stddev	.00065	.0145	.00144	.00059	.0119	.00099	.00032
%RSD	.31614	.77964	.30131	.85392	.40287	.32413	.19038

#1	.20474	1.8463	.47789	.06890	2.9551	.30736	.16844
#2	.20581	1.8736	.47772	.06834	2.9713	.30673	.16848
#3	.20465	1.8685	.47532	.06952	2.9481	.30541	.16790

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.6295	.39953	.25431	F -.00240	.90422	.62266	.19714
Stddev	.0387	.00124	.00864	.00318	.00604	.00428	.00057
%RSD	.40232	.30959	3.3955	132.57	.66839	.68730	.29081

#1	9.6646	.40045	.25277	-.00587	.89777	.62409	.19775
#2	9.6360	.40002	.26361	-.00166	.90976	.62604	.19661
#3	9.5879	.39813	.24655	.00035	.90514	.61785	.19706

Sample Name: PB119361BS Acquired: 5/1/2019 15:37:02 Type: Unk
 Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB119361BS Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.21140	5.068	.19116	F .08908	F 7.6480
Stddev	.00250	.024	.00116	.33065	1.8771
%RSD	1.1818	.4737	.60524	371.19	24.543

#1	.20894	5.083	.19245	-.12472	8.9887
#2	.21134	5.080	.19084	.46993	5.5028
#3	.21394	5.040	.19020	-.07797	8.4526

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4356.1	74986.	6361.8	97.806	4876.7
Stddev	20.2	300.	6.2	.656	16.9
%RSD	.46364	.39957	.09788	.67116	.34566

#1	4334.7	74727.	6354.9	97.892	4858.8
#2	4358.9	74916.	6366.9	97.111	4878.8
#3	4374.8	75314.	6363.6	98.416	4892.3

Sample Name: CCV03 Acquired: 5/1/2019 15:41:08 Type: Unk
Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14906 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8694	4.8683	4.8220	4.8769	4.8081	9.2461	9.7101
Stddev	.0210	.0423	.0127	.0100	.0133	.0554	.0702
%RSD	.43213	.86870	.26412	.20593	.27575	.59950	.72250

#1	4.8728	4.8415	4.8271	4.8662	4.8224	9.2644	9.6619
#2	4.8469	4.8464	4.8075	4.8862	4.8054	9.1838	9.6778
#3	4.8885	4.9171	4.8315	4.8783	4.7963	9.2901	9.7905

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25008	2.3844	25.131	1.0192	2.4471	1.1839	4.8606
Stddev	.00031	.0026	.077	.0042	.0022	.0040	.0169
%RSD	.12365	.10989	.30624	.41307	.08982	.33454	.34807

#1	.24972	2.3845	25.159	1.0154	2.4487	1.1881	4.8518
#2	.25025	2.3817	25.190	1.0184	2.4446	1.1834	4.8498
#3	.25027	2.3869	25.044	1.0237	2.4481	1.1802	4.8801

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5512	24.358	2.4755	1.2514	24.746	2.5252	2.4657
Stddev	.0058	.304	.0040	.0041	.175	.0034	.0042
%RSD	.22848	1.2487	.16279	.32697	.70572	.13598	.16828

#1	2.5464	24.025	2.4788	1.2469	24.593	2.5220	2.4680
#2	2.5496	24.427	2.4710	1.2521	24.710	2.5246	2.4609
#3	2.5577	24.621	2.4767	1.2550	24.936	2.5288	2.4682

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.420	4.8777	4.7964	4.7855	4.9401	4.7552	4.9531
Stddev	.256	.0025	.0338	.0427	.0476	.0223	.0156
%RSD	1.0503	.05069	.70559	.89201	.96424	.46983	.31409

#1	24.208	4.8753	4.7582	4.7711	4.9913	4.7466	4.9557
#2	24.347	4.8776	4.8084	4.7518	4.9317	4.7385	4.9672
#3	24.705	4.8803	4.8227	4.8335	4.8972	4.7806	4.9364

Sample Name: CCV03 Acquired: 5/1/2019 15:41:08 Type: Unk
Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14906 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	5.0901	5.083	4.8987	F 3.0517	F<.00000
Stddev	.0405	.037	.0141	.4088	2.2513
%RSD	.79468	.7352	.28864	13.396	91.566

#1	5.1365	5.068	4.9150	2.5807	.11875
#2	5.0620	5.056	4.8894	3.3137	-4.0407
#3	5.0718	5.126	4.8917	3.2607	-3.4540

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4252.1	72327.	6349.3	94.821	4399.8
Stddev	11.1	269.	35.9	2.251	6.6
%RSD	.26135	.37256	.56483	2.3743	.15008

#1	4244.0	72422.	6308.5	92.223	4392.2
#2	4247.6	72536.	6363.5	96.041	4403.1
#3	4264.8	72023.	6375.8	96.200	4404.1

Sample Name: CCB03 Acquired: 5/1/2019 15:45:06 Type: Unk
Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14906 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00461	.00136	.00194	.00390	-.00029	-.08513	.00070
Stddev	.00136	.00009	.00086	.00213	.00129	.00428	.00065
%RSD	29.563	6.5127	44.452	54.593	438.62	5.0295	92.612

#1	.00540	.00127	.00113	.00417	-.00066	-.08476	.00065
#2	.00303	.00145	.00285	.00164	.00114	-.08958	.00138
#3	.00538	.00136	.00185	.00587	-.00136	-.08104	.00008

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.00042	-.02571	.00053	.00090	-.00368	-.00084
Stddev	.00003	.00014	.01227	.00032	.00037	.00033	.00030
%RSD	72.311	34.230	47.724	59.427	41.546	9.0881	35.843

#1	.00006	.00025	-.02749	.00029	.00048	-.00361	-.00066
#2	.00001	.00052	-.03698	.00042	.00103	-.00339	-.00067
#3	.00008	.00048	-.01264	.00089	.00119	-.00405	-.00119

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00049	-.02698	.00266	.00053	.01281	.00183	-.01179
Stddev	.00006	.03591	.00019	.00020	.00219	.00058	.00017
%RSD	12.968	133.10	7.1414	37.861	17.056	31.580	1.4038

#1	.00049	-.02994	.00279	.00067	.01363	.00130	-.01197
#2	.00043	.01032	.00275	.00062	.01447	.00175	-.01166
#3	.00056	-.06131	.00244	.00030	.01034	.00245	-.01173

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18687	.00217	-.00331	.00107	-.00232	.00146	-.00089
Stddev	.01973	.00010	.00890	.00227	.00170	.00028	.00192
%RSD	10.558	4.4581	268.97	213.11	73.435	18.851	216.07

#1	.19227	.00206	.00513	.00235	-.00319	.00116	-.00109
#2	.20334	.00225	-.00244	.00240	-.00036	.00152	-.00271
#3	.16501	.00221	-.01261	-.00156	-.00340	.00170	.00112

Sample Name: CCB03 Acquired: 5/1/2019 15:45:06 Type: Unk
Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14906 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .00697	.0012	.00063	F 1.1268	F<.00000
Stddev	.00090	.0006	.00005	.4277	1.7754
%RSD	12.916	50.22	7.5702	37.957	55.003

#1	.00667	.0006	.00063	1.6016	-2.5274
#2	.00625	.0012	.00068	1.0069	-5.2465
#3	.00798	.0018	.00059	.77177	-1.9094

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4435.2	76171.	6478.5	98.500	5019.6
Stddev	6.0	283.	35.3	.675	2.5
%RSD	.13515	.37107	.54423	.68517	.04901

#1	4429.7	75874.	6519.2	97.725	5017.2
#2	4434.4	76437.	6455.7	98.958	5022.1
#3	4441.6	76201.	6460.7	98.817	5019.4

Sample Name: LR CHECK 1 Acquired: 5/1/2019 15:50:59 Type: Unk
Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00719	.09754	.01736	-.00600	.07061	2044.3	.00685	.01276
Stddev	.00315	.00414	.00680	.00678	.01030	9.2	.00042	.00009
%RSD	43.891	4.2491	39.187	112.98	14.582	.44965	6.1620	.67380

#1	-.01061	.10191	.02299	.00174	.08105	2054.8	.00640	.01267
#2	-.00654	.09366	.00980	-.01086	.07032	2037.4	.00693	.01283
#3	-.00441	.09706	.01929	-.00888	.06046	2040.8	.00723	.01278

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04313	1759.3	-.08797	.05387	.91298	836.23	-.00137	1652.4
Stddev	.00034	7.7	.00131	.00083	.00252	4.42	.00019	13.0
%RSD	.78665	.43647	1.4938	1.5424	.27642	.52860	13.589	.78379

#1	.04336	1752.0	-.08900	.05296	.91445	839.92	-.00116	1667.3
#2	.04330	1758.5	-.08649	.05459	.91442	831.33	-.00152	1646.6
#3	.04274	1767.3	-.08842	.05405	.91006	837.44	-.00142	1643.4

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.08746	-.10239	1647.6	.02475	.03317	991.62	-.02718	-.07104
Stddev	.00214	.00201	19.5	.00037	.00182	11.49	.00078	.02740
%RSD	2.4497	1.9602	1.1836	1.5040	5.4818	1.1583	2.8580	38.573

#1	-.08992	-.10048	1670.0	.02463	.03135	1004.8	-.02807	-.07421
#2	-.08603	-.10449	1635.1	.02517	.03498	983.95	-.02666	-.09672
#3	-.08642	-.10220	1637.6	.02445	.03317	986.08	-.02680	-.04219

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.34726	-.00022	.04504	-.05536	.14966	.0794	-.90468	.27718
Stddev	.00864	.00140	.00114	.00121	.00167	.0057	.00481	.12394
%RSD	2.4894	635.51	2.5372	2.1930	1.1187	7.201	.53134	44.714

#1	.34438	.00017	.04381	-.05545	.15139	.0729	-.90866	.16079
#2	.34043	.00094	.04606	-.05652	.14956	.0837	-.89934	.26326
#3	.35698	-.00177	.04525	-.05410	.14804	.0816	-.90604	.40748

Sample Name: LR CHECK 1 Acquired: 5/1/2019 15:50:59 Type: Unk
 Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 975.14
 Stddev 11.11
 %RSD 1.1391

#1 962.33
 #2 981.13
 #3 981.97

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2993.6	50839.	5579.5	71.251	2491.3
Stddev	1.4	177.	33.1	2.046	3.3
%RSD	.04529	.34846	.59306	2.8720	.13272

#1	2992.0	50636.	5612.5	73.343	2490.9
#2	2994.0	50964.	5579.8	71.157	2494.7
#3	2994.7	50917.	5546.3	69.253	2488.1

Sample Name: LR CHECK 2 Acquired: 5/1/2019 15:56:01 Type: Unk
Method: P4-ICP2(v3082) 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	.00673	-.01968	237.45	.02565	-.04723	-.23282	94.578	-.00123
Stddev	.00240	.00070	.26	.00284	.00094	.01846	.505	.00007
%RSD	35.750	3.5538	.10792	11.066	1.9887	7.9285	.53397	5.9107

#1	.00500	-.02043	237.42	.02864	-.04645	-.25259	94.370	-.00123
#2	.00947	-.01958	237.21	.02533	-.04698	-.22985	94.210	-.00115
#3	.00570	-.01904	237.72	.02299	-.04828	-.21603	95.154	-.00130

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01211	.32752	-.12726	-.00982	264.42	-.61289	44.461	.02925
Stddev	.00004	.03570	.00067	.00062	1.63	.03116	.077	.01854
%RSD	.31791	10.899	.52411	6.3384	.61827	5.0837	.17264	63.373

#1	-.01214	.32484	-.12651	-.01041	266.23	-.58683	44.395	.04562
#2	-.01207	.29324	-.12749	-.00917	263.04	-.60444	44.545	.00912
#3	-.01213	.36448	-.12779	-.00987	264.01	-.64741	44.443	.03300

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	52.078	.00657	.92182	-.15715	34.733	.83860	-.00973	.00026
Stddev	.065	.00022	.06406	.00197	.349	.06255	.00037	.00164
%RSD	.12397	3.3441	6.9488	1.2556	1.0058	7.4584	3.7919	640.68

#1	52.134	.00643	.98868	-.15742	34.701	.90745	-.01016	.00177
#2	52.092	.00682	.91580	-.15898	35.098	.82303	-.00953	-.00149
#3	52.007	.00645	.86099	-.15506	34.401	.78530	-.00951	.00049

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10946	-.00306	-.00189	.02607	.01020	.6220	.00264	3.7443
Stddev	.00151	.00064	.00042	.00037	.00040	.0157	.00011	.2891
%RSD	1.3813	21.057	22.200	1.4335	3.9267	2.516	4.1973	7.7217

#1	.11108	-.00239	-.00209	.02568	.01051	.6056	.00255	3.6824
#2	.10922	-.00311	-.00141	.02611	.01034	.6368	.00262	3.4912
#3	.10808	-.00368	-.00217	.02642	.00975	.6235	.00277	4.0594

Sample Name: LR CHECK 2 Acquired: 5/1/2019 15:56:01 Type: Unk
 Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.8475
Stddev	.5560
%RSD	30.092

#1	1.6845
#2	1.3913
#3	2.4668

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3740.2	72503.	6271.6	95.428	4401.4
Stddev	10.2	191.	31.6	1.828	12.2
%RSD	.27208	.26390	.50311	1.9153	.27624

#1	3728.5	72409.	6293.3	94.175	4388.1
#2	3746.0	72378.	6235.4	94.583	4403.9
#3	3746.2	72724.	6286.0	97.525	4412.0

Sample Name: K2191-01 Acquired: 5/1/2019 16:00:30 Type: Unk
 Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: P-66-TP Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.39363	.01992	4.9430	.06030	.01394	163.88	2.3105	.01193
Stddev	.00159	.00068	.0212	.00134	.00121	.71	.0100	.00011
%RSD	.40327	3.3989	.42872	2.2147	8.6902	.43277	.43113	.88777
#1	.39180	.02043	4.9638	.05901	.01320	163.44	2.3001	.01183
#2	.39462	.02019	4.9438	.06167	.01534	164.70	2.3200	.01204
#3	.39447	.01915	4.9215	.06022	.01328	163.51	2.3115	.01192
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00641	17.301	.53100	.10403	3.3972	282.44	3.1960	72.531
Stddev	.00031	.025	.00181	.00046	.0055	.33	.0019	.337
%RSD	4.8060	.14286	.34098	.43790	.16060	.11524	.05887	.46460
#1	.00623	17.272	.53170	.10454	3.4002	282.34	3.1961	72.196
#2	.00677	17.315	.52894	.10368	3.4004	282.18	3.1979	72.870
#3	.00624	17.315	.53236	.10387	3.3909	282.81	3.1941	72.528
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.26990	-.01840	58.086	.56573	1.2261	35.576	.04344	.23598
Stddev	.00161	.00051	.309	.00122	.0026	.187	.00049	.01544
%RSD	.59637	2.7912	.53256	.21639	.21078	.52701	1.1291	6.5445
#1	.27130	-.01784	57.787	.56432	1.2283	35.397	.04393	.23248
#2	.27024	-.01851	58.405	.56654	1.2268	35.771	.04345	.22258
#3	.26814	-.01885	58.065	.56632	1.2233	35.561	.04295	.25287
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 44.238	4.4896	.26633	2.4222	.38108	9.149	.27268	<.00000
Stddev	.138	.0252	.00049	.0119	.00225	.021	.00082	.19999
%RSD	.31297	.56179	.18254	.49243	.59055	.2264	.29997	3.3706
#1	44.398	4.5086	.26584	2.4118	.38355	9.166	.27202	-5.8668
#2	44.149	4.4610	.26681	2.4196	.38058	9.156	.27243	-5.7750
#3	44.168	4.4992	.26634	2.4352	.37913	9.126	.27359	-6.1580

Sample Name: K2191-01 Acquired: 5/1/2019 16:00:30 Type: Unk
 Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: P-66-TP Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 406.58
 Stddev 2.50
 %RSD .61494

#1 404.77
 #2 405.55
 #3 409.44

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4732.8	81044.	7601.0	94.113	4159.8
Stddev	15.8	332.	26.7	1.833	16.0
%RSD	.33402	.40992	.35144	1.9479	.38403

#1	4723.5	80925.	7572.5	92.000	4149.2
#2	4723.9	80788.	7625.5	95.276	4152.2
#3	4751.1	81419.	7605.2	95.064	4178.2

Sample Name: K2204-05 Acquired: 5/1/2019 16:04:54 Type: Unk
Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TR-04-043019 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05841	.01067	.47365	.02680	.00003	95.974	.75888	.00710
Stddev	.00148	.00100	.00323	.00146	.00133	.536	.00720	.00008
%RSD	2.5405	9.3304	.68146	5.4621	4596.3	.55896	.94877	1.1173
#1	.05677	.01156	.47689	.02849	.00156	96.551	.76632	.00702
#2	.05965	.00960	.47364	.02591	-.00074	95.880	.75838	.00718
#3	.05882	.01084	.47043	.02599	-.00074	95.490	.75194	.00711
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00132	115.83	.17821	.09060	.71897	183.72	3.1895	47.283
Stddev	.00018	3.46	.00106	.00049	.00077	1.43	.0004	.425
%RSD	13.556	2.9883	.59618	.53955	.10749	.77613	.01316	.89987
#1	-.00112	117.32	.17721	.09004	.71819	183.38	3.1892	47.758
#2	-.00148	118.30	.17808	.09095	.71973	185.28	3.1893	47.155
#3	-.00135	111.88	.17933	.09082	.71898	182.49	3.1900	46.937
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10272	-.01073	3.6741	.35254	.58449	6.6207	.00192	.70142
Stddev	.00038	.00023	.0402	.00046	.00098	.0292	.00017	.00546
%RSD	.37145	2.1853	1.0937	.13169	.16750	.44097	8.8518	.77781
#1	.10316	-.01064	3.7119	.35299	.58503	6.6362	.00172	.69838
#2	.10249	-.01100	3.6784	.35258	.58508	6.6389	.00201	.70772
#3	.10251	-.01056	3.6319	.35206	.58336	6.5870	.00202	.69817
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6174	3.7562	.01365	1.6825	.12109	3.846	.14879	<.00000
Stddev	.0085	.1286	.00116	.0369	.00259	.008	.00889	.15515
%RSD	.32531	3.4226	8.4759	2.1925	2.1424	.2070	5.9760	8.4787
#1	2.6096	3.7795	.01248	1.7013	.12180	3.849	.15419	-2.0043
#2	2.6265	3.8714	.01479	1.7062	.12326	3.853	.15366	-1.7781
#3	2.6160	3.6175	.01367	1.6400	.11822	3.837	.13853	-1.7072

Sample Name: K2204-05 Acquired: 5/1/2019 16:04:54 Type: Unk
 Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TR-04-043019 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 193.79
Stddev	1.11
%RSD	.57389

#1	195.00
#2	192.81
#3	193.57

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4542.7	77630.	7296.9	97.417	4315.7
Stddev	3.4	114.	185.2	3.919	4.3
%RSD	.07505	.14722	2.5374	4.0225	.09914

#1	4546.7	77520.	7239.4	95.989	4314.1
#2	4540.8	77622.	7147.4	94.412	4312.5
#3	4540.7	77748.	7504.0	101.85	4320.6

Sample Name: K2204-05DUP Acquired: 5/1/2019 16:09:17 Type: Unk
Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TR-04-043019 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05424	.01060	.44947	.02972	.00022	97.067	.69687	.00718
Stddev	.00282	.00050	.00137	.00095	.00110	.319	.00345	.00005
%RSD	5.1941	4.7023	.30383	3.2122	498.48	.32855	.49512	.64201
#1	.05206	.01108	.45033	.02906	.00055	96.725	.69303	.00713
#2	.05324	.01064	.45019	.03082	-.00100	97.357	.69972	.00720
#3	.05742	.01009	.44790	.02930	.00111	97.119	.69786	.00722
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00149	119.59	.17595	.09147	.72635	185.53	3.2119	48.906
Stddev	.00025	.15	.00121	.00065	.00200	1.20	.0065	.156
%RSD	17.009	.12872	.68510	.71342	.27480	.64703	.20071	.31886
#1	-.00145	119.74	.17462	.09220	.72865	185.80	3.2146	48.731
#2	-.00126	119.43	.17697	.09128	.72526	184.22	3.2045	49.029
#3	-.00176	119.61	.17627	.09093	.72513	186.58	3.2165	48.958
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10241	-.01102	3.6377	.35841	.58603	6.5476	.00155	.67660
Stddev	.00154	.00020	.0227	.00174	.00301	.0676	.00015	.01187
%RSD	1.5028	1.8028	.62542	.48677	.51292	1.0330	9.9657	1.7551
#1	.10416	-.01123	3.6151	.35733	.58908	6.5118	.00172	.69025
#2	.10177	-.01084	3.6606	.36042	.58596	6.6256	.00149	.67081
#3	.10129	-.01101	3.6376	.35747	.58307	6.5054	.00143	.66872
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5923	3.7280	.01375	1.7437	.12448	3.854	.15868	<.00000
Stddev	.0156	.0200	.00118	.0057	.00100	.022	.00121	.34675
%RSD	.60324	.53644	8.5790	.32633	.80560	.5842	.76182	11.679
#1	2.6017	3.7501	.01315	1.7378	.12563	3.863	.15854	-2.6512
#2	2.5743	3.7228	.01511	1.7443	.12405	3.829	.15995	-3.3388
#3	2.6010	3.7111	.01299	1.7491	.12377	3.871	.15755	-2.9167

Sample Name: K2204-05DUP Acquired: 5/1/2019 16:09:17 Type: Unk
Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TR-04-043019 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 194.13
Stddev	2.90
%RSD	1.4948

#1	194.89
#2	196.58
#3	190.93

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4533.2	76985.	7133.3	95.575	4305.2
Stddev	7.5	153.	29.8	1.048	13.3
%RSD	.16600	.19851	.41722	1.0963	.30873

#1	4524.6	77160.	7103.0	96.563	4290.2
#2	4538.3	76880.	7162.5	95.686	4309.7
#3	4536.8	76914.	7134.3	94.477	4315.7

Sample Name: K2204-05LX5 Acquired: 5/1/2019 16:13:41 Type: Unk
Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FOUNDATION-A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01603	.00191	.11832	.01254	-.00441	20.519	.16023	.00150
Stddev	.00160	.00094	.00190	.00170	.00143	.064	.00068	.00006
%RSD	9.9888	49.325	1.6040	13.558	32.437	.30964	.42588	3.9595

#1	.01664	.00086	.12020	.01218	-.00589	20.468	.15967	.00151
#2	.01725	.00221	.11835	.01105	-.00303	20.500	.16099	.00144
#3	.01422	.00267	.11641	.01439	-.00431	20.590	.16003	.00156

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00181	27.023	.03997	.01884	.16126	46.072	.72092	10.398
Stddev	.00008	.216	.00049	.00011	.00064	.084	.00126	.091
%RSD	4.2287	.80051	1.2366	.59458	.39994	.18339	.17444	.87497

#1	-.00187	26.824	.03963	.01885	.16076	46.105	.72237	10.492
#2	-.00173	26.991	.03974	.01894	.16199	45.975	.72026	10.391
#3	-.00183	27.253	.04053	.01872	.16104	46.134	.72012	10.311

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02269	-.00187	.83976	.07917	.10763	1.5746	.00040	.15761
Stddev	.00006	.00043	.00425	.00037	.00005	.0318	.00028	.00223
%RSD	.25968	22.937	.50566	.46199	.04443	2.0170	69.295	1.4181

#1	.02265	-.00138	.83833	.07875	.10760	1.5404	.00058	.15503
#2	.02276	-.00216	.84454	.07942	.10761	1.6031	.00056	.15904
#3	.02266	-.00207	.83641	.07933	.10769	1.5804	.00008	.15876

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51676	.88761	.00076	.38314	.03398	.7592	.03050	<.00000
Stddev	.00439	.03036	.00044	.00068	.00176	.0010	.00013	.21349
%RSD	.84859	3.4203	58.123	.17668	5.1688	.1324	.41819	25.986

#1	.51377	.85271	.00112	.38364	.03599	.7585	.03036	-.61548
#2	.52179	.90220	.00027	.38237	.03278	.7604	.03052	-.80748
#3	.51471	.90792	.00089	.38340	.03315	.7588	.03061	-1.0418

Sample Name: K2204-05LX5 Acquired: 5/1/2019 16:13:41 Type: Unk
Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FOUNDATION-A Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	34.010
Stddev	.391
%RSD	1.1501

#1	33.752
#2	34.460
#3	33.818

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4458.6	75114.	6637.9	99.047	4728.4
Stddev	12.1	162.	34.5	1.126	12.7
%RSD	.27095	.21543	.51916	1.1369	.26818

#1	4444.7	74997.	6675.1	99.577	4713.9
#2	4464.5	75048.	6631.5	99.811	4733.6
#3	4466.5	75299.	6607.0	97.754	4737.6

Sample Name: K2204-05MS Acquired: 5/1/2019 16:18:07 Type: Unk
Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TR-04-043019 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.73986	1.8915	1.2946	1.7591	.14136	112.59	.56518	.19758
Stddev	.00467	.0058	.0009	.0036	.00100	.40	.00153	.00047
%RSD	.63164	.30644	.06961	.20162	.70488	.35420	.27009	.23652
#1	.73730	1.8957	1.2946	1.7563	.14198	112.92	.56472	.19729
#2	.73703	1.8849	1.2937	1.7579	.14021	112.15	.56394	.19732
#3	.74525	1.8938	1.2955	1.7631	.14188	112.69	.56689	.19812
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18871	133.32	.54685	.30374	.94117	197.72	3.5079	55.010
Stddev	.00030	.12	.00060	.00064	.00040	.84	.0070	.436
%RSD	.16129	.09278	.10988	.20917	.04218	.42302	.19914	.79180
#1	.18906	133.46	.54619	.30413	.94071	197.56	3.4999	54.847
#2	.18850	133.22	.54738	.30300	.94144	196.98	3.5112	54.680
#3	.18858	133.28	.54696	.30407	.94134	198.63	3.5126	55.504
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.61874	.05697	6.8684	.64305	.86622	16.532	.33382	.93332
Stddev	.00059	.00071	.0134	.00258	.00213	.045	.00038	.01247
%RSD	.09547	1.2381	.19500	.40106	.24636	.27100	.11429	1.3356
#1	.61838	.05771	6.8530	.64044	.86619	16.542	.33355	.92661
#2	.61841	.05689	6.8766	.64312	.86410	16.484	.33365	.92564
#3	.61942	.05631	6.8758	.64560	.86837	16.572	.33425	.94770
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.9900	3.3131	.62728	1.9554	.33589	9.989	.40278	<.00000
Stddev	.0067	.0233	.00180	.0043	.00057	.016	.00236	.27151
%RSD	.22580	.70211	.28658	.21938	.16964	.1570	.58537	12.449
#1	2.9828	3.3367	.62929	1.9603	.33576	9.995	.40496	-2.4929
#2	2.9909	3.3122	.62583	1.9527	.33540	9.971	.40312	-2.0517
#3	2.9962	3.2902	.62672	1.9531	.33652	10.00	.40028	-1.9982

Sample Name: K2204-05MS Acquired: 5/1/2019 16:18:07 Type: Unk
 Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TR-04-043019 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 219.91
 Stddev 2.68
 %RSD 1.2202

#1 217.21
 #2 219.96
 #3 222.57

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4521.7	76583.	7002.1	92.496	4227.2
Stddev	5.3	248.	34.2	1.504	6.9
%RSD	.11621	.32389	.48797	1.6256	.16251

#1	4520.8	76334.	6964.3	92.847	4221.1
#2	4527.3	76830.	7011.1	90.848	4234.6
#3	4516.9	76584.	7030.8	93.794	4225.8

Sample Name: K2204-05MSD Acquired: 5/1/2019 16:22:24 Type: Unk
Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TR-04-043019 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.75709	1.9367	1.3172	1.8109	.14841	115.92	.57796	.20108
Stddev	.00221	.0025	.0052	.0044	.00112	.07	.00189	.00032
%RSD	.29141	.12742	.39656	.24068	.75760	.06401	.32641	.16012
#1	.75489	1.9385	1.3114	1.8152	.14712	116.00	.57619	.20144
#2	.75930	1.9339	1.3187	1.8065	.14917	115.89	.57994	.20083
#3	.75708	1.9378	1.3215	1.8109	.14893	115.86	.57774	.20096
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19325	138.07	.55057	.31368	.98531	204.98	3.6269	56.660
Stddev	.00071	1.24	.00063	.00077	.00247	.56	.0057	.166
%RSD	.36877	.90045	.11486	.24692	.25031	.27216	.15811	.29353
#1	.19268	139.43	.55129	.31338	.98271	204.99	3.6327	56.535
#2	.19302	137.81	.55029	.31311	.98761	205.53	3.6267	56.595
#3	.19405	136.98	.55012	.31456	.98563	204.42	3.6212	56.849
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.63498	.05619	6.9989	.65764	.88190	16.809	.34346	.98211
Stddev	.00232	.00052	.0145	.00179	.00203	.076	.00061	.01694
%RSD	.36578	.92431	.20753	.27159	.23029	.45482	.17654	1.7249
#1	.63361	.05662	6.9849	.65960	.87965	16.726	.34286	.96320
#2	.63367	.05561	7.0139	.65719	.88243	16.824	.34344	.98722
#3	.63766	.05634	6.9980	.65612	.88360	16.876	.34407	.99590
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.9603	3.3312	.64096	2.0234	.35038	F 10.31	.41877	<.00000
Stddev	.0032	.0387	.00142	.0159	.00460	.02	.00584	.14140
%RSD	.10911	1.1629	.22214	.78789	1.3116	.1754	1.3956	7.9194
#1	2.9573	3.3753	.64183	2.0411	.35565	10.29	.42535	-1.6601
#2	2.9637	3.3024	.64173	2.0189	.34725	10.32	.41677	-1.7575
#3	2.9598	3.3161	.63932	2.0101	.34823	10.31	.41419	-1.9387

Sample Name: K2204-05MSD Acquired: 5/1/2019 16:22:24 Type: Unk
 Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TR-04-043019 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 231.83
 Stddev 1.69
 %RSD .72921

#1 230.70
 #2 231.03
 #3 233.78

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4482.4	76326.	6975.3	92.594	4190.3
Stddev	9.0	78.	72.5	1.650	7.3
%RSD	.20078	.10232	1.0390	1.7820	.17462

#1	4480.9	76263.	6896.4	91.444	4193.0
#2	4474.2	76301.	6990.6	91.855	4182.0
#3	4492.1	76413.	7038.9	94.485	4195.8

Sample Name: K2204-05A Acquired: 5/1/2019 16:26:42 Type: Unk
Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FOUNDATION-B Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.74130	1.8910	1.2880	1.7709	.14525	112.80	.56995	.19847
Stddev	.00250	.0105	.0019	.0027	.00151	.21	.00205	.00029
%RSD	.33733	.55652	.14923	.14952	1.0363	.18591	.36005	.14474
#1	.74415	1.8792	1.2870	1.7679	.14406	112.70	.56785	.19851
#2	.74027	1.8941	1.2868	1.7729	.14474	112.65	.57007	.19873
#3	.73948	1.8995	1.2902	1.7718	.14694	113.04	.57195	.19816
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18895	134.86	.54537	.30525	.94600	199.01	3.5356	55.159
Stddev	.00034	.31	.00269	.00054	.00183	.28	.0092	.341
%RSD	.17983	.22831	.49329	.17545	.19355	.13921	.26038	.61856
#1	.18891	134.51	.54240	.30493	.94784	198.70	3.5287	54.856
#2	.18863	135.00	.54764	.30496	.94597	199.21	3.5460	55.093
#3	.18930	135.08	.54608	.30587	.94418	199.13	3.5319	55.528
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.62166	.05580	6.8779	.64585	.86300	16.630	.33543	.96116
Stddev	.00207	.00064	.0185	.00138	.00063	.083	.00093	.01419
%RSD	.33255	1.1474	.26865	.21410	.07320	.49763	.27706	1.4761
#1	.62025	.05536	6.8765	.64457	.86347	16.538	.33649	.95881
#2	.62070	.05653	6.8601	.64565	.86325	16.698	.33475	.94829
#3	.62404	.05551	6.8970	.64731	.86229	16.655	.33505	.97638
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.9435	3.3566	.62525	1.9629	.33827	F 10.04	.40729	<.00000
Stddev	.0123	.0291	.00154	.0037	.00066	.04	.00088	.39138
%RSD	.41899	.86588	.24659	.18666	.19629	.3657	.21563	19.524
#1	2.9440	3.3236	.62365	1.9644	.33769	10.02	.40641	-2.2492
#2	2.9309	3.3783	.62537	1.9588	.33899	10.02	.40729	-1.5532
#3	2.9555	3.3680	.62673	1.9656	.33813	10.09	.40817	-2.2113

Sample Name: K2204-05A Acquired: 5/1/2019 16:26:42 Type: Unk
 Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: FOUNDATION-B Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 226.82
Stddev	3.10
%RSD	1.3649

#1	224.12
#2	230.20
#3	226.15

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4529.3	76927.	7062.3	94.497	4243.8
Stddev	9.3	60.	10.8	1.509	4.0
%RSD	.20598	.07743	.15322	1.5966	.09524

#1	4519.6	76865.	7051.8	93.246	4240.1
#2	4530.0	76983.	7061.7	96.172	4243.2
#3	4538.2	76934.	7073.4	94.073	4248.1

Sample Name: K2617-01 Acquired: 5/1/2019 16:30:59 Type: Unk
Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ROCK-COMP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01031	.00823	1.2438	.03076	.00389	77.322	.71770	.00507
Stddev	.00187	.00054	.0027	.00277	.00165	.291	.00242	.00006
%RSD	18.120	6.5827	.21312	9.0041	42.552	.37666	.33725	1.0973
#1	.00817	.00873	1.2457	.02832	.00370	77.347	.71556	.00507
#2	.01113	.00765	1.2450	.03019	.00563	77.019	.71722	.00513
#3	.01163	.00830	1.2408	.03377	.00234	77.600	.72033	.00502
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00185	41.923	.53722	.14392	1.0880	201.65	2.8741	93.816
Stddev	.00019	.144	.00174	.00028	.0032	.85	.0027	.080
%RSD	10.518	.34431	.32406	.19618	.29720	.42279	.09375	.08474
#1	.00163	41.763	.53787	.14380	1.0906	202.05	2.8721	93.769
#2	.00197	41.965	.53854	.14424	1.0844	202.23	2.8771	93.908
#3	.00196	42.042	.53525	.14371	1.0891	200.68	2.8730	93.772
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25686	-.01130	4.2741	.39120	3.2249	2.7146	.00201	.14347
Stddev	.00055	.00079	.0052	.00230	.0050	.0244	.00042	.01304
%RSD	.21372	7.0344	.12062	.58794	.15399	.89696	20.825	9.0910
#1	.25722	-.01221	4.2755	.39200	3.2302	2.6876	.00153	.15168
#2	.25714	-.01084	4.2784	.39298	3.2242	2.7350	.00227	.15029
#3	.25623	-.01084	4.2684	.38860	3.2203	2.7210	.00223	.12843
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.6275	2.3156	.43174	4.1598	.10222	3.578	-.04656	<.00000
Stddev	.0068	.0256	.00150	.0066	.00119	.018	.00088	.26501
%RSD	.41742	1.1078	.34846	.15806	1.1600	.4891	1.8879	8.0974
#1	1.6268	2.3443	.43275	4.1531	.10133	3.582	-.04608	-3.5451
#2	1.6346	2.2949	.43247	4.1600	.10178	3.593	-.04758	-3.2576
#3	1.6211	2.3076	.43001	4.1662	.10357	3.559	-.04603	-3.0157

Sample Name: K2617-01 Acquired: 5/1/2019 16:30:59 Type: Unk
 Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ROCK-COMP Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 224.60
Stddev	1.59
%RSD	.70809

#1	224.91
#2	222.87
#3	226.01

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4593.1	77971.	7074.3	94.107	4323.8
Stddev	6.6	124.	4.0	1.277	6.8
%RSD	.14426	.15930	.05633	1.3570	.15675

#1	4591.4	77832.	7077.6	95.376	4318.0
#2	4600.4	78007.	7069.9	94.124	4331.2
#3	4587.4	78073.	7075.4	92.822	4322.1

Sample Name: CCV04 Acquired: 5/1/2019 16:35:21 Type: Unk
Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BRICK-WALL-A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8028	4.7584	4.7823	4.8487	4.7796	F 9.1777	9.9673
Stddev	.0202	.0094	.0027	.0010	.0059	.0366	.0516
%RSD	.42060	.19646	.05658	.02156	.12288	.39907	.51769

#1	4.8068	4.7492	4.7817	4.8499	4.7861	9.1358	9.9098
#2	4.8207	4.7679	4.7800	4.8479	4.7746	9.1937	10.009
#3	4.7809	4.7582	4.7853	4.8484	4.7782	9.2036	9.9829

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25394	F 2.3678	25.680	1.0259	2.4585	F 1.1589	4.8004
Stddev	.00047	.0017	.055	.0012	.0021	.0027	.0150
%RSD	.18328	.07341	.21230	.11336	.08698	.23157	.31142

#1	.25371	2.3659	25.712	1.0247	2.4563	1.1612	4.7840
#2	.25363	2.3681	25.617	1.0270	2.4606	1.1594	4.8040
#3	.25447	2.3694	25.711	1.0258	2.4587	1.1559	4.8133

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5285	24.373	2.4853	1.2512	25.255	2.5415	2.4479
Stddev	.0044	.286	.0007	.0040	.121	.0061	.0030
%RSD	.17371	1.1754	.02828	.32099	.47777	.23989	.12335

#1	2.5258	24.043	2.4851	1.2483	25.121	2.5368	2.4463
#2	2.5261	24.527	2.4848	1.2495	25.355	2.5393	2.4514
#3	2.5335	24.550	2.4861	1.2558	25.290	2.5484	2.4461

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.740	4.8390	4.8331	F 4.7173	4.9678	F 4.6876	4.9312
Stddev	.187	.0080	.0809	.0256	.0380	.0073	.0137
%RSD	.75428	.16586	1.6745	.54192	.76540	.15590	.27795

#1	24.527	4.8476	4.7545	4.7297	5.0104	4.6871	4.9470
#2	24.873	4.8378	4.8287	4.7342	4.9555	4.6952	4.9229
#3	24.819	4.8317	4.9162	4.6879	4.9374	4.6806	4.9236

Sample Name: CCV04 Acquired: 5/1/2019 16:35:21 Type: Unk
 Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BRICK-WALL-A Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	5.1040	5.096	4.9346	F 2.9637	F<.00000
Stddev	.0345	.025	.0268	.1754	1.1247
%RSD	.67550	.4858	.54374	5.9183	9133.1
#1	5.1348	5.080	4.9554	2.7679	-.53789
#2	5.1105	5.124	4.9442	3.0168	1.2790
#3	5.0668	5.082	4.9043	3.1064	-.77801
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4260.2	71711.	6396.0	95.199	4389.1
Stddev	14.5	163.	51.0	2.523	11.4
%RSD	.34099	.22712	.79668	2.6502	.25901
#1	4247.0	71803.	6346.3	92.553	4384.1
#2	4257.8	71523.	6393.4	95.468	4381.0
#3	4275.7	71808.	6448.2	97.577	4402.1

Sample Name: CCB04 Acquired: 5/1/2019 16:48:32 Type: Unk
Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BRICK-WALL-B Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00335	-.00067	.00586	.00315	-.00312	-.09363	.00130	.00001
Stddev	.00092	.00088	.00005	.00115	.00080	.00315	.00040	.00008
%RSD	27.512	131.22	.85357	36.607	25.775	3.3623	30.633	708.91

#1	.00231	-.00061	.00580	.00435	-.00381	-.09001	.00089	-.00007
#2	.00367	.00018	.00589	.00206	-.00332	-.09569	.00132	.00008
#3	.00406	-.00157	.00589	.00303	-.00224	-.09520	.00169	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00016	.00152	.00018	.00068	-.00374	.00402	.00026	.01282
Stddev	.00005	.00363	.00088	.00012	.00030	.00042	.00005	.03386
%RSD	29.968	238.06	503.74	17.529	8.0119	10.528	19.847	264.07

#1	-.00016	.00373	.00039	.00069	-.00407	.00353	.00023	.05188
#2	-.00020	.00351	.00093	.00056	-.00368	.00428	.00022	-.00831
#3	-.00011	-.00266	-.00080	.00079	-.00348	.00425	.00032	-.00510

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00378	.00036	.06139	.00177	-.01188	.20879	.00042	-.00637
Stddev	.00037	.00013	.01118	.00013	.00014	.04372	.00019	.00944
%RSD	9.8741	35.647	18.218	7.5152	1.1433	20.941	45.671	148.11

#1	.00367	.00035	.06881	.00179	-.01203	.17203	.00022	-.01297
#2	.00348	.00023	.06682	.00189	-.01178	.19721	.00043	.00444
#3	.00420	.00049	.04852	.00163	-.01182	.25714	.00061	-.01060

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00029	-.00256	-.00186	.00031	.00899	.0025	.00018	.73146
Stddev	.00077	.00063	.00044	.00188	.00085	.0007	.00008	.09611
%RSD	268.31	24.517	23.610	607.11	9.4295	27.46	44.343	13.139

#1	-.00058	-.00189	-.00227	-.00181	.00941	.0018	.00027	.82261
#2	-.00088	-.00267	-.00191	.00093	.00802	.0024	.00012	.74069
#3	.00059	-.00313	-.00139	.00181	.00955	.0032	.00015	.63106

Sample Name: CCB04 Acquired: 5/1/2019 16:48:32 Type: Unk
Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BRICK-WALL-B Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.44216
Stddev	3.0550
%RSD	690.92

#1	3.9640
#2	-1.1435
#3	-1.4940

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4386.6	74403.	6358.8	95.628	4949.7
Stddev	19.2	320.	56.6	1.008	13.4
%RSD	.43701	.42971	.88935	1.0541	.27142

#1	4367.5	74056.	6341.3	96.533	4935.8
#2	4386.4	74466.	6313.1	94.542	4950.6
#3	4405.8	74686.	6422.1	95.808	4962.7

Sample Name: PB119362BL Acquired: 5/1/2019 16:53:00 Type: Unk
Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00364	-.00145	.00302	.00107	-.00358	F -.10243	.00098
Stddev	.00186	.00016	.00042	.00082	.00076	.00280	.00023
%RSD	51.151	10.862	13.754	76.637	21.306	2.7382	23.474

#1	.00177	-.00129	.00317	.00184	-.00310	-.10554	.00082
#2	.00366	-.00147	.00334	.00116	-.00318	-.10010	.00125
#3	.00550	-.00160	.00255	.00021	-.00446	-.10166	.00087

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.00028	.00267	.00048	.00050	-.00585	-.00158
Stddev	.00003	.00007	.01064	.00030	.00017	.00027	.00040
%RSD	109.32	24.349	398.84	61.803	33.886	4.6686	25.467

#1	-.00000	-.00036	.01307	.00015	.00057	-.00601	-.00199
#2	-.00002	-.00022	.00313	.00072	.00062	-.00602	-.00118
#3	-.00007	-.00027	-.00819	.00057	.00031	-.00554	-.00157

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	-.02836	.00323	.00007	.06053	.00152	-.01264
Stddev	.00001	.02908	.00028	.00019	.00724	.00021	.00006
%RSD	12.976	102.51	8.6337	259.92	11.955	13.750	.49432

#1	-.00007	.00213	.00338	.00015	.05320	.00155	-.01257
#2	-.00007	-.05577	.00291	.00021	.06072	.00171	-.01266
#3	-.00006	-.03144	.00340	-.00014	.06767	.00130	-.01269

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20161	-.00001	-.00662	-.00115	-.00256	-.00207	-.00127
Stddev	.02859	.00019	.00731	.00140	.00129	.00029	.00085
%RSD	14.180	1937.1	110.51	121.53	50.383	13.964	66.616

#1	.17487	.00013	-.00456	.00027	-.00128	-.00205	-.00031
#2	.19821	-.00022	-.01474	-.00119	-.00254	-.00178	-.00191
#3	.23175	.00006	-.00056	-.00252	-.00386	-.00236	-.00159

Sample Name: PB119362BL Acquired: 5/1/2019 16:53:00 Type: Unk
 Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PBW Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00601	.0009	.00000	<.00000	1.5031
Stddev	.00064	.0018	.00005	.28743	1.2543
%RSD	10.699	195.0	2222.8	6375.6	83.452

#1	.00621	.0004	.00001	-.22259	2.6538
#2	.00652	.0030	-.00005	-.11214	.16598
#3	.00529	-.0006	.00004	.32121	1.6894

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4414.7	74976.	6405.2	97.464	4983.2
Stddev	19.1	253.	45.9	1.813	17.0
%RSD	.43339	.33763	.71683	1.8599	.34183

#1	4393.4	74685.	6363.8	99.292	4968.5
#2	4420.2	75146.	6397.1	95.667	4979.3
#3	4430.4	75097.	6454.6	97.433	5001.9

Sample Name: PB119362BS Acquired: 5/1/2019 16:57:29 Type: Unk
Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.73543	1.8842	.94096	1.9080	.73467	1.6893	.19574	.19934
Stddev	.00570	.0029	.00155	.0040	.00437	.0034	.00113	.00042
%RSD	.77493	.15289	.16502	.20769	.59477	.20344	.57977	.20853
#1	.74045	1.8848	.94276	1.9124	.73964	1.6884	.19507	.19979
#2	.73661	1.8867	.94007	1.9067	.73145	1.6931	.19705	.19898
#3	.72923	1.8810	.94006	1.9049	.73291	1.6864	.19510	.19924
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18149	1.0559	.41824	.19341	.29065	2.9066	.20448	1.8823
Stddev	.00035	.0057	.00053	.00060	.00137	.0105	.00036	.0156
%RSD	.19279	.54187	.12693	.31008	.47096	.36034	.17756	.82775
#1	.18152	1.0610	.41861	.19399	.29221	2.8977	.20450	1.8739
#2	.18183	1.0497	.41763	.19280	.28964	2.9039	.20411	1.9003
#3	.18113	1.0569	.41847	.19345	.29011	2.9181	.20484	1.8728
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49033	.07179	3.0996	.30794	.17559	9.8425	.37813	.27088
Stddev	.00135	.00040	.0162	.00073	.00037	.0358	.00142	.00079
%RSD	.27529	.55529	.52177	.23711	.21229	.36368	.37672	.28985
#1	.49133	.07202	3.0922	.30726	.17601	9.8210	.37943	.27105
#2	.49086	.07133	3.0885	.30785	.17543	9.8226	.37837	.27156
#3	.48879	.07201	3.1182	.30871	.17532	9.8838	.37661	.27002
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.1622	.92071	.61371	.19035	.21479	5.326	.19247	F .17661
Stddev	.0180	.00284	.00113	.00194	.00171	.020	.00011	.11030
%RSD	.22009	.30890	.18397	1.0218	.79504	.3790	.05567	62.454
#1	8.1732	.91845	.61401	.18875	.21532	5.348	.19235	.27155
#2	8.1720	.92390	.61465	.18978	.21288	5.322	.19251	.05561
#3	8.1415	.91977	.61245	.19252	.21617	5.308	.19255	.20267

Sample Name: PB119362BS Acquired: 5/1/2019 16:57:29 Type: Unk
 Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 10.649
Stddev	1.596
%RSD	14.990

#1	12.489
#2	9.6323
#3	9.8253

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4392.3	73821.	6313.5	97.278	4883.7
Stddev	4.4	72.	15.6	2.293	.2
%RSD	.09942	.09748	.24664	2.3575	.00446

#1	4387.8	73853.	6303.6	95.300	4883.9
#2	4396.5	73739.	6331.4	99.792	4883.6
#3	4392.7	73872.	6305.4	96.742	4883.5

Sample Name: PB119362TB Acquired: 5/1/2019 17:01:34 Type: Unk
Method: P4-ICP2(v3082) 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	.00156	-.00127	.00183	.00374	-.00054	-.09135	.00074	-.00007
Stddev	.00104	.00025	.00119	.00121	.00030	.00759	.00049	.00002
%RSD	66.213	19.855	64.971	32.330	55.212	8.3073	66.537	31.496
#1	.00063	-.00151	.00199	.00284	-.00083	-.09090	.00113	-.00009
#2	.00268	-.00101	.00293	.00512	-.00024	-.09915	.00019	-.00005
#3	.00138	-.00130	.00057	.00327	-.00054	-.08399	.00090	-.00009
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00046	.00769	.00080	.00044	-.00505	.00036	-.00010	-.02200
Stddev	.00002	.00459	.00052	.00028	.00022	.00034	.00002	.03144
%RSD	4.0721	59.702	65.341	64.013	4.3749	94.783	21.621	142.91
#1	-.00047	.00343	.00023	.00020	-.00483	.00009	-.00009	-.00553
#2	-.00048	.01256	.00092	.00075	-.00527	.00073	-.00013	-.05826
#3	-.00044	.00709	.00125	.00038	-.00504	.00025	-.00009	-.00221
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00352	.00126	F 286.35	.00199	-.01111	.30696	.00012	-.01634
Stddev	.00011	.00040	1.74	.00042	.00008	.01565	.00031	.00368
%RSD	3.2428	31.705	.60765	21.062	.72903	5.0993	249.36	22.537
#1	.00340	.00081	284.43	.00247	-.01113	.29131	-.00023	-.01497
#2	.00362	.00138	286.78	.00168	-.01101	.30696	.00034	-.01353
#3	.00356	.00158	287.83	.00182	-.01117	.32261	.00027	-.02051
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00644	.00374	-.00113	.00142	.00919	.0009	.00001	1.9887
Stddev	.00438	.00111	.00065	.00073	.00214	.0011	.00005	.4020
%RSD	68.050	29.698	57.309	51.578	23.318	124.6	934.55	20.214
#1	.00338	.00328	-.00080	.00117	.00980	.0021	-.00004	1.5246
#2	.01145	.00500	-.00072	.00085	.00681	.0002	-.00000	2.2298
#3	.00447	.00293	-.00188	.00225	.01097	.0002	.00006	2.2116

Sample Name: PB119362TB Acquired: 5/1/2019 17:01:34 Type: Unk
Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev 1.6594
%RSD 38.813

#1 -2.6128
#2 -4.2813
#3 -5.9315

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4170.1	69367.	6284.0	95.800	4361.4
Stddev	9.7	71.	43.9	.679	6.9
%RSD	.23345	.10305	.69841	.70866	.15822

#1	4159.8	69329.	6234.3	95.558	4353.5
#2	4171.6	69322.	6300.4	96.567	4366.2
#3	4179.1	69449.	6317.3	95.275	4364.5

Sample Name: PB119361TB Acquired: 5/1/2019 17:06:11 Type: Unk
Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00017	-.00224	.00103	.00121	-.00245	-.09104	.00099	-.00010
Stddev	.00247	.00038	.00104	.00440	.00111	.00773	.00054	.00008
%RSD	1413.1	17.050	100.96	363.36	45.217	8.4889	54.738	76.601

#1	-.00172	-.00255	.00178	.00115	-.00234	-.08923	.00117	-.00017
#2	-.00073	-.00182	.00148	-.00316	-.00361	-.08439	.00142	-.00001
#3	.00297	-.00237	-.00016	.00564	-.00140	-.09952	.00038	-.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00047	-.00028	.00119	.00039	-.00476	.00154	-.00005	-.00299
Stddev	.00004	.01362	.00035	.00016	.00015	.00059	.00005	.02602
%RSD	8.1271	4868.0	29.711	41.920	3.1073	38.326	94.229	871.50

#1	-.00051	.00667	.00156	.00057	-.00463	.00170	.00000	-.01933
#2	-.00045	.00847	.00114	.00025	-.00492	.00088	-.00007	.02702
#3	-.00044	-.01597	.00086	.00036	-.00475	.00202	-.00009	-.01665

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00394	.00168	F 286.10	.00180	-.00610	.37180	.00008	-.00628
Stddev	.00035	.00034	2.07	.00043	.00010	.01921	.00023	.00646
%RSD	8.8484	20.433	.72332	24.111	1.6586	5.1665	299.14	102.82

#1	.00402	.00175	287.01	.00188	-.00621	.35736	.00027	-.00557
#2	.00425	.00131	283.73	.00218	-.00602	.36445	-.00017	-.00021
#3	.00356	.00199	287.56	.00133	-.00605	.39360	.00013	-.01308

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00571	.00188	-.00176	.00083	F .01085	-.0025	.00004	3.8601
Stddev	.00394	.00066	.00084	.00142	.00053	.0018	.00005	.1054
%RSD	69.001	35.235	48.004	170.60	4.8377	73.14	125.56	2.7313

#1	.00156	.00184	-.00194	.00235	.01102	-.0023	-.00000	3.8939
#2	.00617	.00124	-.00249	.00060	.01127	-.0008	.00010	3.9446
#3	.00940	.00256	-.00084	-.00046	.01027	-.0045	.00003	3.7420

Sample Name: PB119361TB Acquired: 5/1/2019 17:06:11 Type: Unk
Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	1.0216
%RSD	15.308

#1	-5.6807
#2	-6.6183
#3	-7.7217

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4159.6	70192.	6314.6	95.058	4344.2
Stddev	5.3	75.	26.7	.128	2.3
%RSD	.12756	.10719	.42211	.13496	.05407

#1	4154.7	70228.	6340.7	94.950	4342.6
#2	4158.9	70242.	6315.6	95.200	4346.9
#3	4165.3	70105.	6287.4	95.025	4343.2

Sample Name: K2623-01 Acquired: 5/1/2019 17:10:47 Type: Unk
Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SP-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16445	.01345	2.2004	.03003	.00533	140.82	2.6649	.01841
Stddev	.00273	.00095	.0030	.00207	.00072	.95	.0197	.00020
%RSD	1.6598	7.0562	.13614	6.8774	13.443	.67629	.74013	1.1100
#1	.16156	.01236	2.1978	.02773	.00616	140.44	2.6562	.01824
#2	.16698	.01409	2.2037	.03172	.00491	140.12	2.6511	.01864
#3	.16480	.01391	2.1999	.03064	.00492	141.90	2.6875	.01836
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01053	291.34	.14742	.19156	.79279	249.35	4.5597	94.219
Stddev	.00013	.69	.00108	.00033	.00230	.42	.0115	.351
%RSD	1.2763	.23672	.73052	.17206	.29052	.16906	.25196	.37282
#1	.01068	291.19	.14707	.19120	.79434	248.90	4.5486	94.005
#2	.01048	292.09	.14656	.19163	.79015	249.41	4.5716	94.028
#3	.01043	290.73	.14863	.19185	.79390	249.74	4.5590	94.624
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16830	-.02123	2.9172	.50822	3.4102	33.920	.01678	.11459
Stddev	.00154	.00007	.0095	.00210	.0045	.263	.00018	.00482
%RSD	.91596	.32696	.32668	.41419	.13287	.77460	1.0737	4.2089
#1	.16655	-.02126	2.9159	.50713	3.4093	33.786	.01693	.11632
#2	.16943	-.02128	2.9084	.50689	3.4152	33.752	.01682	.10914
#3	.16893	-.02115	2.9273	.51065	3.4063	34.223	.01658	.11830
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.2153	3.8890	.06124	3.9815	.25000	F 21.57	1.7696	<.00000
Stddev	.0430	.0328	.00065	.0017	.00164	.18	.0028	.42534
%RSD	.69114	.84333	1.0571	.04335	.65667	.8169	.15686	8.7140
#1	6.1926	3.8990	.06052	3.9834	.25188	21.53	1.7727	-4.4562
#2	6.2648	3.9157	.06179	3.9801	.24882	21.76	1.7687	-4.8801
#3	6.1884	3.8524	.06140	3.9811	.24931	21.41	1.7674	-5.3069

Sample Name: K2623-01 Acquired: 5/1/2019 17:10:47 Type: Unk
 Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SP-1 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 375.21
 Stddev .81
 %RSD .21546

#1 375.22
 #2 376.02
 #3 374.40

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4715.3	80627.	7593.7	93.708	3920.0
Stddev	12.8	208.	46.0	1.759	3.1
%RSD	.27184	.25774	.60587	1.8769	.07825

#1	4707.1	80673.	7560.7	91.778	3918.2
#2	4730.0	80807.	7574.1	95.220	3923.5
#3	4708.7	80400.	7646.2	94.126	3918.2

Sample Name: K2624-01 Acquired: 5/1/2019 17:15:19 Type: Unk
Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CONCRETE-BLO Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04896	.00318	.17204	.01971	.00423	349.15	3.8734	.05373
Stddev	.00123	.00505	.00177	.00187	.00173	.58	.0105	.00010
%RSD	2.5212	158.69	1.0267	9.5038	40.916	.16594	.27152	.19269
#1	.04772	.00900	.17071	.02063	.00345	348.73	3.8708	.05384
#2	.05019	.00053	.17135	.02096	.00622	349.82	3.8849	.05364
#3	.04896	.00001	.17404	.01756	.00303	348.92	3.8644	.05370
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00016	F 1881.1	.22495	.02372	.10699	57.745	11.049	383.66
Stddev	.00015	11.5	.00046	.00016	.00036	.200	.086	.68
%RSD	92.294	.61011	.20357	.66968	.33719	.34686	.77897	.17690
#1	.00034	1874.6	.22474	.02389	.10714	57.646	10.951	383.01
#2	.00008	1874.3	.22463	.02370	.10724	57.614	11.113	384.36
#3	.00007	1894.3	.22547	.02358	.10657	57.976	11.084	383.62
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07763	-.00326	35.969	.17965	.40464	48.115	-.00261	.59323
Stddev	.00036	.00053	.110	.00164	.00115	.165	.00073	.01878
%RSD	.46709	16.174	.30444	.91286	.28360	.34266	27.958	3.1660
#1	.07805	-.00306	35.881	.17858	.40546	47.946	-.00224	.57461
#2	.07743	-.00386	36.092	.17883	.40333	48.275	-.00214	.61217
#3	.07742	-.00286	35.935	.18154	.40514	48.125	-.00345	.59291
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 99.804	.76051	-.01870	6.3029	.47068	4.297	7.3130	<.00000
Stddev	.292	.00587	.00146	.0063	.00098	.021	.0386	.12400
%RSD	.29254	.77238	7.7906	.09978	.20849	.4915	.52729	11.735
#1	100.03	.76574	-.02019	6.3006	.46992	4.300	7.3330	-.91555
#2	99.475	.75416	-.01862	6.2981	.47179	4.275	7.2685	-1.1058
#3	99.904	.76163	-.01728	6.3100	.47032	4.317	7.3374	-1.1484

Sample Name: K2624-01 Acquired: 5/1/2019 17:15:19 Type: Unk
Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CONCRETE-BLO Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 18.163
Stddev 1.613
%RSD 8.8809

#1 17.420
#2 20.013
#3 17.054

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4484.2	75829.	7827.8	81.774	3200.4
Stddev	4.4	141.	47.4	1.150	7.6
%RSD	.09786	.18648	.60550	1.4062	.23897

#1	4486.4	75983.	7853.8	81.050	3192.1
#2	4479.1	75704.	7856.6	81.172	3202.1
#3	4487.0	75800.	7773.1	83.100	3207.1

Sample Name: K2624-02 Acquired: 5/1/2019 17:20:13 Type: Unk
 Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CONCRETE-BLO Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04882	.00415	.13844	.01200	.00704	334.87	3.3058	.05094
Stddev	.00382	.00150	.00057	.00128	.00019	2.15	.0216	.00017
%RSD	7.8292	36.055	.40983	10.644	2.7657	.64350	.65382	.34025
#1	.05264	.00574	.13878	.01334	.00724	332.38	3.2812	.05107
#2	.04500	.00277	.13875	.01079	.00685	336.13	3.3218	.05074
#3	.04883	.00394	.13778	.01186	.00704	336.10	3.3144	.05100
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00023	F 1831.8	.21985	.02335	.10181	57.763	11.745	374.53
Stddev	.00015	40.7	.00046	.00054	.00044	.160	.053	2.76
%RSD	62.737	2.2211	.21128	2.2973	.42969	.27741	.45463	.73724
#1	.00009	1785.1	.21936	.02379	.10222	57.635	11.749	371.37
#2	.00038	1850.2	.22029	.02350	.10135	57.943	11.796	376.42
#3	.00022	1860.0	.21990	.02275	.10185	57.712	11.690	375.82
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07713	-.00335	37.140	.19002	.30648	54.243	-.00225	.55706
Stddev	.00026	.00087	.242	.00061	.00106	.308	.00031	.00876
%RSD	.33190	25.868	.65123	.31851	.34531	.56741	13.757	1.5729
#1	.07692	-.00360	36.862	.18939	.30768	53.892	-.00195	.54953
#2	.07705	-.00406	37.307	.19008	.30568	54.467	-.00223	.55496
#3	.07741	-.00238	37.250	.19059	.30608	54.369	-.00257	.56668
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 102.28	.78300	-.02936	6.3144	.45022	4.189	6.9891	<.00000
Stddev	.25	.02268	.00049	.1622	.01127	.002	.1461	.12653
%RSD	.24385	2.8963	1.6685	2.5688	2.5038	.0561	2.0898	11.178
#1	102.38	.75691	-.02881	6.1299	.43733	4.191	6.8311	-1.2017
#2	102.47	.79801	-.02954	6.4342	.45825	4.189	7.0168	-.98587
#3	102.00	.79406	-.02974	6.3793	.45507	4.187	7.1193	-1.2083

Sample Name: K2624-02 Acquired: 5/1/2019 17:20:13 Type: Unk
Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CONCRETE-BLO Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	21.018
Stddev	2.669
%RSD	12.700

#1	19.881
#2	24.068
#3	19.106

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4479.2	76100.	7888.7	83.426	3181.8
Stddev	7.1	121.	148.2	1.956	11.0
%RSD	.15854	.15872	1.8786	2.3441	.34576

#1	4471.9	75991.	8058.5	85.682	3169.3
#2	4486.1	76079.	7822.5	82.211	3185.8
#3	4479.7	76230.	7785.2	82.386	3190.2

Sample Name: K2624-03 Acquired: 5/1/2019 17:25:05 Type: Unk
Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CONCRETE-A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06821	.00979	.05235	.00374	.00043	125.59	.72755	.00840
Stddev	.00141	.00156	.00206	.00354	.00235	.26	.00086	.00001
%RSD	2.0717	15.932	3.9333	94.718	541.22	.20935	.11772	.12336
#1	.06942	.01035	.05080	.00463	.00213	125.39	.72769	.00841
#2	.06856	.00803	.05468	.00674	.00142	125.89	.72832	.00839
#3	.06666	.01099	.05155	-.00017	-.00225	125.49	.72662	.00841
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00140	1558.4	.36306	.04120	.19450	128.36	2.3027	85.860
Stddev	.00016	24.9	.00158	.00010	.00209	.10	.0023	.486
%RSD	11.608	1.5979	.43400	.25192	1.0758	.07692	.10053	.56629
#1	.00123	1539.7	.36363	.04115	.19683	128.43	2.3012	85.299
#2	.00141	1548.9	.36128	.04113	.19392	128.25	2.3015	86.126
#3	.00155	1586.7	.36427	.04132	.19276	128.41	2.3054	86.156
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10387	-.00849	8.2028	.24174	.37893	27.325	.00167	.24664
Stddev	.00060	.00038	.0239	.00114	.00196	.048	.00032	.01928
%RSD	.57919	4.4782	.29089	.47286	.51661	.17725	19.242	7.8174
#1	.10429	-.00830	8.1756	.24182	.37904	27.362	.00163	.22444
#2	.10318	-.00893	8.2200	.24055	.37693	27.343	.00137	.25630
#3	.10415	-.00824	8.2130	.24284	.38084	27.271	.00200	.25919
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 48.260	.81538	-.01257	3.9921	.24026	5.120	8.3633	3.9944
Stddev	.245	.00574	.00075	.0224	.00236	.020	.0835	.2105
%RSD	.50791	.70409	5.9914	.56146	.98379	.3906	.99869	5.2687
#1	48.088	.81026	-.01233	3.9749	.23775	5.125	8.2921	3.7517
#2	48.152	.82159	-.01197	3.9840	.24058	5.097	8.3426	4.1269
#3	48.541	.81429	-.01341	4.0175	.24245	5.136	8.4553	4.1045

Sample Name: K2624-03 Acquired: 5/1/2019 17:25:05 Type: Unk
 Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CONCRETE-A Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 91.305
Stddev	1.581
%RSD	1.7313

#1	93.110
#2	90.166
#3	90.639

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3902.3	66247.	6516.2	86.178	3547.0
Stddev	7.6	129.	40.3	.049	17.0
%RSD	.19506	.19433	.61853	.05704	.47989

#1	3903.1	66352.	6553.4	86.208	3565.8
#2	3894.4	66104.	6521.9	86.121	3542.4
#3	3909.5	66286.	6473.4	86.204	3532.8

Sample Name: K2624-04 Acquired: 5/1/2019 17:29:49 Type: Unk
Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CONCRETE-B Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04774	.00650	.05556	-.00478	.00063	122.67	.78321	.00627
Stddev	.00352	.00123	.00088	.00065	.00193	1.38	.00972	.00007
%RSD	7.3650	18.862	1.5789	13.537	304.90	1.1266	1.2415	1.1533
#1	.05171	.00628	.05472	-.00472	-.00098	121.94	.77673	.00627
#2	.04651	.00783	.05647	-.00417	.00011	121.81	.77850	.00620
#3	.04501	.00541	.05547	-.00546	.00277	124.27	.79439	.00634
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00155	1739.9	.14287	.02584	.11657	73.067	1.7721	89.578
Stddev	.00014	28.7	.00095	.00019	.00042	.621	.0145	1.157
%RSD	9.2200	1.6516	.66839	.72352	.36139	.85017	.81572	1.2916
#1	-.00168	1771.9	.14227	.02604	.11693	72.865	1.7628	89.033
#2	-.00140	1716.4	.14238	.02580	.11667	72.572	1.7648	88.794
#3	-.00157	1731.4	.14397	.02567	.11611	73.764	1.7888	90.907
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06170	-.00406	2.2658	.12841	.17082	5.4146	.00207	.26329
Stddev	.00022	.00043	.0299	.00048	.00041	.0847	.00025	.01747
%RSD	.35242	10.655	1.3210	.37463	.23789	1.5633	12.054	6.6348
#1	.06190	-.00456	2.2459	.12790	.17117	5.3641	.00199	.25188
#2	.06174	-.00386	2.2513	.12849	.17038	5.3674	.00187	.25459
#3	.06147	-.00376	2.3002	.12886	.17092	5.5124	.00235	.28340
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 50.669	.69429	-.01591	4.5133	.21545	4.229	F 10.374	4.9658
Stddev	.316	.00903	.00100	.0341	.00113	.031	.082	.2707
%RSD	.62287	1.2999	6.3151	.75622	.52476	.7425	.78717	5.4511
#1	50.995	.69630	-.01550	4.5377	.21675	4.262	10.457	4.8088
#2	50.365	.68443	-.01517	4.4743	.21492	4.200	10.294	4.8102
#3	50.647	.70214	-.01705	4.5280	.21469	4.225	10.372	5.2783

Sample Name: K2624-04 Acquired: 5/1/2019 17:29:49 Type: Unk
 Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CONCRETE-B Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	28.969
Stddev	1.989
%RSD	6.8670

#1	29.402
#2	26.799
#3	30.706

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3829.2	64932.	6388.9	86.017	3522.3
Stddev	5.4	406.	49.2	1.704	10.9
%RSD	.14046	.62479	.76996	1.9810	.31056

#1	3833.5	65081.	6333.8	84.058	3516.5
#2	3823.2	65242.	6428.2	87.155	3535.0
#3	3830.9	64472.	6404.8	86.838	3515.5

Sample Name: K2191-04 Acquired: 5/1/2019 17:34:36 Type: Unk
 Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: P-66-TP Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02346	-.00024	.01021	.00816	-.00154	.80925	.12471	.00048
Stddev	.00084	.00055	.00058	.00022	.00157	.01153	.00063	.00005
%RSD	3.5871	227.66	5.6937	2.7002	101.74	1.4254	.50903	10.992

#1	.02421	.00004	.01084	.00826	-.00306	.82135	.12544	.00047
#2	.02255	.00011	.00969	.00832	-.00164	.79838	.12442	.00054
#3	.02361	-.00088	.01012	.00791	.00007	.80803	.12427	.00044

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00163	4.6797	.00088	.00080	.04201	39.031	.68754	5.4106
Stddev	.00007	.0069	.00034	.00011	.00015	.291	.00125	.0990
%RSD	4.5249	.14739	39.226	14.244	.34572	.74673	.18177	1.8293

#1	-.00166	4.6719	.00048	.00093	.04193	38.885	.68615	5.2999
#2	-.00169	4.6824	.00103	.00070	.04191	39.366	.68788	5.4413
#3	-.00155	4.6849	.00112	.00078	.04217	38.841	.68858	5.4905

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00097	-.00046	304.45	.00719	.02861	4.2295	-.00004	.05347
Stddev	.00025	.00039	.32	.00020	.00022	.0430	.00040	.00624
%RSD	25.507	83.748	.10533	2.7363	.76929	1.0155	1035.3	11.667

#1	-.00108	-.00008	304.31	.00699	.02869	4.1852	-.00035	.05893
#2	-.00069	-.00045	304.82	.00720	.02836	4.2709	.00041	.05480
#3	-.00115	-.00085	304.23	.00739	.02878	4.2325	-.00018	.04667

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.58424	2.9175	-.00031	.03965	.00791	.7704	.02009	2.9684
Stddev	.00308	.0029	.00048	.00114	.00199	.0030	.00014	.2177
%RSD	.52725	.09793	157.96	2.8718	25.153	.3916	.70698	7.3343

#1	.58686	2.9148	-.00086	.03912	.00701	.7684	.02017	2.8637
#2	.58085	2.9172	-.00003	.04096	.00653	.7688	.01992	3.2186
#3	.58502	2.9205	-.00003	.03887	.01019	.7738	.02017	2.8227

Sample Name: K2191-04 Acquired: 5/1/2019 17:34:36 Type: Unk
Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: P-66-TP Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	19.438
Stddev	1.547
%RSD	7.9578

#1	19.657
#2	20.864
#3	17.793

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4131.5	69458.	6283.8	93.986	4308.0
Stddev	13.5	214.	25.6	1.378	18.3
%RSD	.32660	.30757	.40672	1.4666	.42579

#1	4119.9	69496.	6300.9	93.875	4289.1
#2	4128.2	69227.	6254.5	95.417	4309.1
#3	4146.3	69649.	6296.1	92.667	4325.8

Sample Name: CCV05 Acquired: 5/1/2019 17:39:11 Type: Unk
Method: P4-ICP2(v3082) 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	5.2114	5.1038	5.0485	5.2230	5.1488	9.9181	F 10.696	F .27379
Stddev	.0079	.0340	.0108	.0076	.0115	.1215	.078	.00051
%RSD	.15102	.66695	.21340	.14644	.22318	1.2249	.72608	.18526
#1	5.2140	5.1386	5.0603	5.2317	5.1601	9.7841	10.680	.27327
#2	5.2026	5.1023	5.0461	5.2175	5.1372	9.9490	10.628	.27381
#3	5.2177	5.0706	5.0391	5.2198	5.1492	10.021	10.780	.27428
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5634	F 27.446	F 1.0984	F 2.6518	1.2338	5.0124	F 2.6633	25.567
Stddev	.0045	.108	.0026	.0045	.0032	.0169	.0045	.160
%RSD	.17385	.39292	.23794	.17116	.25871	.33646	.17043	.62531
#1	2.5684	27.532	1.0977	2.6570	1.2358	5.0161	2.6641	25.388
#2	2.5621	27.482	1.0963	2.6488	1.2301	4.9939	2.6584	25.619
#3	2.5598	27.325	1.1014	2.6496	1.2354	5.0270	2.6673	25.695
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 2.6768	F 1.3413	F 27.287	F 2.7101	F 2.6380	F 26.602	5.1479	5.0948
Stddev	.0050	.0003	.170	.0067	.0047	.201	.0066	.0378
%RSD	.18763	.02456	.62453	.24780	.17864	.75440	.12727	.74279
#1	2.6822	1.3417	27.096	2.7041	2.6433	26.373	5.1547	5.0652
#2	2.6760	1.3411	27.346	2.7088	2.6365	26.688	5.1416	5.1375
#3	2.6723	1.3412	27.421	2.7174	2.6342	26.746	5.1474	5.0819
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9566	F 5.7485	4.9285	5.2153	F 5.5013	F 5.403	5.1654	F 3.0595
Stddev	.0129	.0431	.0164	.0074	.0417	.021	.0215	.1110
%RSD	.25968	.74901	.33358	.14150	.75858	.3936	.41638	3.6272
#1	4.9715	5.7907	4.9359	5.2090	5.5169	5.428	5.1767	3.1610
#2	4.9483	5.7047	4.9096	5.2234	5.4540	5.392	5.1406	2.9410
#3	4.9502	5.7502	4.9399	5.2136	5.5330	5.390	5.1789	3.0765

Sample Name: CCV05 Acquired: 5/1/2019 17:39:11 Type: Unk
Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3.2501
Stddev .8267
%RSD 25.435

#1 2.3463
#2 3.4361
#3 3.9680

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4228.2	71524.	6356.3	94.033	4369.3
Stddev	9.1	112.	58.2	2.006	9.6
%RSD	.21562	.15698	.91628	2.1327	.21990

#1	4221.1	71530.	6293.8	93.247	4359.5
#2	4238.5	71633.	6409.1	92.540	4378.8
#3	4225.0	71409.	6366.1	96.313	4369.5

Sample Name: CCB05 Acquired: 5/1/2019 17:49:35 Type: Unk
Method: P4-ICP2(v3082) 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	.00528	-.00103	.00041	-.00086	-.00218	-.03102	.00190	.00005
Stddev	.00138	.00042	.00094	.00200	.00119	.00436	.00072	.00001
%RSD	26.055	40.592	230.50	232.32	54.328	14.053	37.761	20.203

#1	.00648	-.00122	.00145	-.00221	-.00121	-.03345	.00239	.00007
#2	.00378	-.00055	-.00037	.00144	-.00183	-.02599	.00223	.00004
#3	.00558	-.00132	.00014	-.00181	-.00350	-.03363	.00108	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.02494	.00063	.00077	-.00538	-.00068	.00021	-.01234
Stddev	.00007	.00500	.00026	.00007	.00028	.00007	.00005	.02221
%RSD	118.14	20.043	41.051	8.7869	5.2122	10.885	23.651	179.94

#1	.00006	.02892	.00092	.00082	-.00519	-.00076	.00024	-.01621
#2	.00014	.01933	.00058	.00081	-.00570	-.00061	.00024	.01154
#3	-.00001	.02657	.00040	.00070	-.00525	-.00067	.00015	-.03236

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00377	.00065	.10527	.00185	-.01291	.17298	.00067	-.00161
Stddev	.00024	.00011	.00220	.00030	.00007	.01189	.00024	.00627
%RSD	6.2485	16.779	2.0856	16.495	.52669	6.8754	36.080	390.61

#1	.00372	.00076	.10766	.00150	-.01293	.18330	.00045	-.00873
#2	.00356	.00066	.10479	.00208	-.01283	.15998	.00093	.00086
#3	.00403	.00054	.10335	.00196	-.01296	.17567	.00064	.00306

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00435	.00025	-.00103	.00074	.00291	.0020	.00038	.27923
Stddev	.00143	.00143	.00051	.00076	.00040	.0013	.00010	.42145
%RSD	32.929	563.85	49.638	103.03	13.710	65.92	25.759	150.93

#1	.00585	.00120	-.00072	.00143	.00266	.0017	.00027	.15157
#2	.00418	-.00140	-.00161	.00086	.00270	.0008	.00044	-.06363
#3	.00300	.00096	-.00074	-.00008	.00337	.0034	.00044	.74974

Sample Name: CCB05 Acquired: 5/1/2019 17:49:35 Type: Unk
 Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.9562
 Stddev 1.9766
 %RSD 101.04

#1 4.1466
 #2 1.4168
 #3 .30529

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4396.8	74370.	6312.6	98.711	4975.7
Stddev	19.4	165.	30.2	.873	11.3
%RSD	.44236	.22190	.47802	.88418	.22665

#1	4374.6	74182.	6337.0	99.717	4965.9
#2	4405.3	74440.	6321.9	98.267	4973.1
#3	4410.6	74489.	6278.9	98.150	4988.0

Sample Name: K2204-06 Acquired: 5/1/2019 17:54:04 Type: Unk
Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TR-04-043019 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00418	-.00144	.00912	.00020	-.00329	.03542	.09050
Stddev	.00179	.00074	.00060	.00050	.00179	.01400	.00079
%RSD	42.709	51.861	6.6189	246.76	54.352	39.530	.87614

#1	.00553	-.00222	.00863	-.00036	-.00518	.02529	.09042
#2	.00215	-.00073	.00893	.00038	-.00305	.02956	.08975
#3	.00486	-.00135	.00979	.00058	-.00163	.05140	.09133

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	-.00038	54.182	.00046	.00478	.00286	.45488
Stddev	.00005	.00003	.298	.00019	.00011	.00032	.00114
%RSD	79.547	8.0045	.54914	40.687	2.3708	11.043	.25111

#1	.00003	-.00041	54.344	.00067	.00490	.00277	.45508
#2	.00003	-.00036	54.362	.00042	.00468	.00321	.45364
#3	.00011	-.00036	53.838	.00030	.00475	.00260	.45590

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.71156	2.3648	.00422	.00046	266.27	.00058	.01712
Stddev	.00289	.0438	.00012	.00067	1.83	.00048	.00006
%RSD	.40629	1.8538	2.7529	145.47	.68721	83.091	.35972

#1	.71138	2.3822	.00435	-.00031	265.57	.00042	.01709
#2	.70876	2.3149	.00419	.00092	264.90	.00020	.01708
#3	.71453	2.3973	.00413	.00077	268.35	.00112	.01719

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.96782	-.00012	.01516	.45640	1.4000	-.00187	.00067
Stddev	.04541	.00016	.00690	.00273	.0119	.00063	.00037
%RSD	4.6924	134.48	45.545	.59875	.84748	33.774	55.291

#1	.93844	-.00003	.01315	.45346	1.3992	-.00118	.00088
#2	.94488	-.00003	.02284	.45886	1.4123	-.00200	.00089
#3	1.0201	-.00031	.00948	.45688	1.3886	-.00242	.00024

Sample Name: K2204-06 Acquired: 5/1/2019 17:54:04 Type: Unk
 Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TR-04-043019 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00618	.0033	.26619	3.1089	F<.00000
Stddev	.00186	.0022	.00114	.3686	.52547
%RSD	30.163	65.81	.42785	11.857	6.7044

#1	.00425	.0013	.26654	3.2316	-8.1351
#2	.00796	.0030	.26711	2.6946	-8.1469
#3	.00633	.0056	.26492	3.4005	-7.2309

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4088.6	69007.	6312.2	94.702	4254.9
Stddev	16.0	89.	30.7	.954	14.3
%RSD	.39034	.12926	.48610	1.0073	.33668

#1	4072.1	69033.	6297.6	95.716	4241.4
#2	4089.9	69080.	6291.5	93.823	4253.5
#3	4103.9	68907.	6347.4	94.568	4269.9

Sample Name: K2204-06DUP Acquired: 5/1/2019 17:58:38 Type: Unk
Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TR-04-043019 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00560	-.00130	.00837	.00150	-.00411	.03447	.09037
Stddev	.00257	.00072	.00113	.00194	.00057	.00525	.00079
%RSD	45.788	55.354	13.504	128.76	13.880	15.218	.87791

#1	.00815	-.00207	.00859	-.00038	-.00370	.03798	.08975
#2	.00302	-.00122	.00715	.00140	-.00476	.02844	.09010
#3	.00565	-.00063	.00938	.00349	-.00386	.03700	.09127

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	-.00039	54.922	.00060	.00481	.00285	.46220
Stddev	.00002	.00009	.443	.00003	.00035	.00012	.00158
%RSD	26.077	23.654	.80629	4.2693	7.2919	4.3224	.34094

#1	.00005	-.00035	54.514	.00058	.00457	.00279	.46039
#2	.00009	-.00050	54.857	.00063	.00465	.00299	.46322
#3	.00007	-.00033	55.393	.00060	.00521	.00277	.46300

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.72174	2.3748	.00423	.00077	271.51	.00061	.01855
Stddev	.00158	.0439	.00034	.00025	4.06	.00018	.00021
%RSD	.21898	1.8489	8.1067	32.504	1.4951	29.343	1.1145

#1	.72162	2.3312	.00411	.00067	267.01	.00040	.01877
#2	.72023	2.3743	.00461	.00105	272.63	.00070	.01853
#3	.72338	2.4190	.00396	.00059	274.90	.00073	.01835

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0006	-.00016	.00697	.46111	1.4152	-.00162	.00091
Stddev	.0590	.00011	.00496	.00371	.0076	.00014	.00116
%RSD	5.8936	64.496	71.164	.80415	.54053	8.5361	127.21

#1	.93405	-.00008	.00795	.45740	1.4102	-.00170	.00077
#2	1.0213	-.00028	.01136	.46482	1.4113	-.00170	.00213
#3	1.0464	-.00012	.00159	.46112	1.4240	-.00146	-.00017

Sample Name: K2204-06DUP Acquired: 5/1/2019 17:58:38 Type: Unk
Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TR-04-043019 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00991	.0039	.26858	3.9581	F<.00000
Stddev	.00156	.0009	.00126	.2485	2.2675
%RSD	15.701	23.30	.47025	6.2774	23.188

#1	.00816	.0029	.26722	4.2128	-10.759
#2	.01114	.0046	.26882	3.9452	-7.1862
#3	.01044	.0042	.26971	3.7164	-11.391

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4041.1	67795.	6181.1	92.928	4195.0
Stddev	12.4	185.	23.3	1.201	13.5
%RSD	.30694	.27286	.37692	1.2922	.32223

#1	4036.8	67919.	6174.4	94.105	4190.4
#2	4031.5	67883.	6207.0	92.976	4184.4
#3	4055.1	67582.	6161.8	91.705	4210.3

Sample Name: K2204-06LX5 Acquired: 5/1/2019 18:03:12 Type: Unk
Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA8174 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00215	.00011	.00075	.00108	-.00341	-.07255	.01820
Stddev	.00393	.00090	.00089	.00178	.00134	.00948	.00010
%RSD	183.14	837.30	118.76	165.20	39.199	13.068	.54956

#1	.00320	.00106	-.00011	-.00051	-.00258	-.08215	.01832
#2	-.00220	-.00003	.00070	.00301	-.00496	-.07232	.01815
#3	.00545	-.00071	.00167	.00075	-.00271	-.06319	.01815

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.00028	11.278	.00091	.00134	-.00359	.09270
Stddev	.00004	.00004	.097	.00010	.00004	.00007	.00011
%RSD	94.582	14.076	.85689	10.628	3.2210	2.0459	.11710

#1	.00010	-.00024	11.198	.00094	.00129	-.00365	.09258
#2	.00001	-.00031	11.252	.00080	.00137	-.00351	.09280
#3	.00003	-.00030	11.385	.00098	.00135	-.00361	.09272

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14842	.45818	.00334	.00051	54.515	.00122	-.00643
Stddev	.00017	.02417	.00027	.00023	.021	.00006	.00004
%RSD	.11166	5.2761	7.9861	45.675	.03838	4.7656	.65096

#1	.14839	.48388	.00360	.00075	54.506	.00129	-.00647
#2	.14827	.43589	.00306	.00028	54.540	.00118	-.00639
#3	.14860	.45476	.00336	.00051	54.501	.00121	-.00643

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.38312	-.00007	-.00972	.09270	.30199	-.00255	.00103
Stddev	.03931	.00021	.00329	.00189	.00054	.00020	.00145
%RSD	10.259	293.42	33.871	2.0428	.17784	7.8640	141.28

#1	.33878	.00005	-.00909	.09317	.30156	-.00232	-.00042
#2	.39692	.00005	-.00679	.09061	.30181	-.00269	.00249
#3	.41367	-.00032	-.01329	.09431	.30259	-.00265	.00101

Sample Name: K2204-06LX5 Acquired: 5/1/2019 18:03:12 Type: Unk
Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA8174 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00639	.0023	.05492	1.9548	F<.00000
Stddev	.00189	.0026	.00011	.5114	3.2234
%RSD	29.522	112.4	.19486	26.163	83.914

#1	.00677	-.0007	.05481	2.0539	-.46668
#2	.00806	.0036	.05494	2.4095	-6.8884
#3	.00434	.0039	.05502	1.4011	-4.1687

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4234.4	70992.	6140.0	94.061	4586.6
Stddev	22.0	68.	23.6	1.003	27.6
%RSD	.51892	.09521	.38467	1.0665	.60076

#1	4219.2	70997.	6167.2	94.737	4568.8
#2	4224.3	71057.	6124.1	92.908	4572.7
#3	4259.6	70922.	6128.9	94.538	4618.3

Sample Name: K2204-06MS Acquired: 5/1/2019 18:07:38 Type: Unk
Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TR-04-043019 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	.71003	1.6775	.84192	1.8089	.71014	1.7549	.27462	.18954	.17338
Stddev	.00184	.0106	.00098	.0031	.00270	.0210	.00256	.00068	.00017
%RSD	.25950	.62961	.11674	.17063	.38010	1.1949	.93261	.35877	.10065

#1	.71183	1.6777	.84255	1.8101	.71269	1.7689	.27582	.18983	.17320
#2	.71011	1.6879	.84243	1.8112	.70731	1.7649	.27636	.19002	.17355
#3	.70814	1.6668	.84079	1.8054	.71042	1.7308	.27168	.18876	.17337

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	52.986	.39705	.18811	.25821	3.0540	.86647	4.0221	.46584	.06709
Stddev	.256	.00126	.00069	.00058	.0027	.00165	.0817	.00086	.00022
%RSD	.48265	.31630	.36519	.22490	.08888	.19060	2.0306	.18495	.32380

#1	52.920	.39787	.18732	.25860	3.0510	.86734	4.0629	.46662	.06693
#2	52.769	.39768	.18850	.25754	3.0547	.86750	3.9281	.46492	.06701
#3	53.268	.39561	.18852	.25848	3.0562	.86456	4.0754	.46598	.06734

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	259.12	.29825	.20176	10.324	.37690	.25201	.42108	2.2192	.60502
Stddev	1.46	.00105	.00056	.043	.00037	.01407	.00208	.0246	.00153
%RSD	.56514	.35258	.27886	.41452	.09854	5.5821	.49416	1.1073	.25250

#1	260.79	.29827	.20158	10.336	.37684	.25634	.42105	2.2089	.60403
#2	258.07	.29930	.20239	10.359	.37729	.23629	.41902	2.2016	.60678
#3	258.50	.29719	.20131	10.276	.37656	.26341	.42318	2.2473	.60426

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18750	.19873	5.533	.43028	3.4130	.30456
Stddev	.00304	.00236	.022	.00142	.3925	.62924
%RSD	1.6220	1.1901	.3962	.33101	11.500	206.60

#1	.18975	.19693	5.535	.43134	3.4964	.93652
#2	.18870	.19784	5.554	.42866	3.7571	-.32193
#3	.18404	.20141	5.511	.43084	2.9855	.29911

Sample Name: K2204-06MS Acquired: 5/1/2019 18:07:38 Type: Unk
 Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TR-04-043019 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	4063.3	67667.	6069.6	91.905	4227.6
Stddev	10.4	361.	33.4	2.128	12.3
%RSD	.25575	.53409	.55097	2.3153	.29032
#1	4053.7	67301.	6064.6	91.868	4216.8
#2	4062.0	67676.	6105.3	94.052	4224.9
#3	4074.3	68023.	6038.9	89.797	4240.9

Sample Name: K2204-06MSD Acquired: 5/1/2019 18:11:53 Type: Unk
Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TR-04-043019 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	.74082	1.7361	.87441	1.8938	.73662	1.7828	.28279	.19508	.18023
Stddev	.00349	.0035	.00167	.0089	.00129	.0211	.00098	.00018	.00025
%RSD	.47154	.20400	.19057	.46724	.17565	1.1855	.34489	.09377	.14089

#1	.74470	1.7377	.87395	1.9008	.73806	1.7736	.28186	.19523	.18040
#2	.73983	1.7320	.87626	1.8838	.73556	1.7677	.28269	.19514	.17994
#3	.73792	1.7386	.87302	1.8966	.73623	1.8069	.28380	.19488	.18036

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	54.888	.40566	.19591	.26857	3.1376	.89159	4.1033	.48420	.06828
Stddev	.293	.00034	.00011	.00085	.0003	.00121	.0671	.00053	.00044
%RSD	.53292	.08320	.05781	.31483	.00906	.13607	1.6347	.10847	.63817

#1	54.807	.40553	.19592	.26936	3.1375	.89019	4.0807	.48462	.06807
#2	55.213	.40604	.19602	.26768	3.1374	.89222	4.0505	.48361	.06798
#3	54.645	.40540	.19580	.26868	3.1380	.89236	4.1788	.48438	.06878

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	260.18	.30564	.20610	10.610	.39027	.27931	.43645	2.2799	.62659
Stddev	.47	.00029	.00073	.048	.00168	.02051	.00530	.0108	.00097
%RSD	.18150	.09504	.35283	.45294	.43077	7.3439	1.2149	.47519	.15446

#1	259.64	.30548	.20597	10.559	.39201	.29597	.43487	2.2734	.62763
#2	260.48	.30546	.20545	10.617	.38866	.28555	.43211	2.2924	.62571
#3	260.43	.30597	.20688	10.654	.39013	.25640	.44236	2.2739	.62642

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19227	.20396	5.752	.44267	4.3288	.15925
Stddev	.00253	.00166	.024	.00196	.1175	2.5900
%RSD	1.3172	.81491	.4175	.44215	2.7152	1626.4

#1	.19350	.20245	5.777	.44352	4.4538	1.1175
#2	.19396	.20574	5.729	.44406	4.2205	2.1336
#3	.18936	.20370	5.751	.44043	4.3123	-2.7733

Sample Name: K2204-06MSD Acquired: 5/1/2019 18:11:53 Type: Unk
 Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TR-04-043019 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	4007.9	67850.	6062.1	92.132	4173.6
Stddev	16.0	255.	48.8	.694	9.9
%RSD	.39837	.37528	.80526	.75368	.23715
#1	3990.3	67587.	6023.0	91.463	4163.8
#2	4012.0	67868.	6046.5	92.083	4173.4
#3	4021.4	68096.	6116.8	92.850	4183.5

Sample Name: K2204-06A Acquired: 5/1/2019 18:16:07 Type: Unk
Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB8174 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.73823	1.7368	.87249	1.8840	.72949	1.8055	.28584
Stddev	.00143	.0092	.00335	.0095	.00130	.0167	.00107
%RSD	.19306	.53281	.38419	.50137	.17843	.92198	.37581

#1	.73893	1.7272	.86866	1.8912	.73099	1.8228	.28562
#2	.73659	1.7377	.87493	1.8875	.72885	1.8043	.28701
#3	.73917	1.7456	.87387	1.8733	.72864	1.7896	.28489

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19539	.18019	54.970	.40881	.19556	.26711	3.1524
Stddev	.00063	.00069	.115	.00061	.00071	.00107	.0078
%RSD	.32394	.38388	.20927	.14919	.36227	.40154	.24777

#1	.19612	.17940	54.921	.40844	.19474	.26802	3.1614
#2	.19501	.18069	55.102	.40951	.19602	.26739	3.1476
#3	.19503	.18048	54.888	.40847	.19590	.26593	3.1482

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.89591	4.1505	.48312	.06769	262.70	.30753	.20558
Stddev	.00120	.0541	.00096	.00047	1.25	.00052	.00042
%RSD	.13415	1.3024	.19943	.68776	.47680	.16758	.20639

#1	.89730	4.0889	.48228	.06718	262.33	.30695	.20512
#2	.89524	4.1728	.48292	.06781	264.09	.30768	.20595
#3	.89521	4.1898	.48417	.06809	261.67	.30795	.20567

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.701	.38804	.27335	.43864	2.2720	.62541	.19074
Stddev	.051	.00015	.00381	.00459	.0071	.00312	.00141
%RSD	.47245	.03910	1.3921	1.0472	.31167	.49944	.73705

#1	10.643	.38788	.27383	.43804	2.2643	.62209	.18919
#2	10.739	.38818	.26932	.43437	2.2735	.62583	.19193
#3	10.720	.38806	.27689	.44350	2.2782	.62830	.19111

Sample Name: K2204-06A Acquired: 5/1/2019 18:16:07 Type: Unk
 Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB8174 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20547	5.779	.44436	4.6329	F<.00000
Stddev	.00159	.029	.00210	.2102	4.2808
%RSD	.77616	.4968	.47274	4.5372	392.23

#1	.20729	5.761	.44618	4.7344	3.8168
#2	.20484	5.763	.44484	4.7732	-3.0378
#3	.20430	5.812	.44206	4.3913	-4.0531

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4029.6	67763.	6069.2	93.004	4181.4
Stddev	16.3	372.	40.1	1.699	9.2
%RSD	.40527	.54823	.66060	1.8267	.21905

#1	4011.7	67370.	6022.9	91.220	4173.3
#2	4033.3	67811.	6093.7	93.191	4179.7
#3	4043.7	68108.	6090.9	94.602	4191.3

Sample Name: K2617-03 Acquired: 5/1/2019 18:20:21 Type: Unk
Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ROCK-COMP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00221	-.00137	.02115	.00064	-.00223	-.01308	.11941
Stddev	.00086	.00163	.00110	.00260	.00240	.00607	.00048
%RSD	38.741	119.37	5.2173	409.65	107.74	46.418	.40431

#1	.00214	-.00210	.01989	.00327	-.00082	-.01621	.11894
#2	.00310	.00050	.02165	.00057	-.00087	-.00608	.11940
#3	.00139	-.00251	.02192	-.00193	-.00501	-.01694	.11990

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	-.00005	29.114	.00055	.00850	.05705	.43621
Stddev	.00002	.00004	.042	.00026	.00026	.00035	.00363
%RSD	669.39	99.395	.14404	47.669	3.1060	.60548	.83127

#1	-.00002	-.00006	29.068	.00042	.00830	.05724	.43294
#2	.00001	-.00008	29.126	.00037	.00880	.05725	.43558
#3	-.00000	.00001	29.149	.00084	.00839	.05665	.44011

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.77227	1.6844	.00697	.00070	296.17	.00020	.26325
Stddev	.00111	.0437	.00038	.00060	1.08	.00030	.00028
%RSD	.14437	2.5956	5.3979	84.620	.36364	148.96	.10616

#1	.77099	1.6769	.00685	.00106	296.06	-.00005	.26304
#2	.77279	1.6450	.00667	.00104	297.30	.00012	.26314
#3	.77303	1.7314	.00739	.00002	295.15	.00054	.26357

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.76141	-.00011	-.00591	.12081	.60327	-.00207	.00188
Stddev	.01525	.00002	.00843	.00371	.00364	.00047	.00053
%RSD	2.0027	21.537	142.75	3.0683	.60339	22.923	28.022

#1	.74548	-.00013	-.01075	.12270	.60746	-.00152	.00181
#2	.76288	-.00012	-.01079	.12318	.60090	-.00230	.00139
#3	.77587	-.00008	.00383	.11653	.60145	-.00238	.00243

Sample Name: K2617-03 Acquired: 5/1/2019 18:20:21 Type: Unk
 Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ROCK-COMP Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00912	.0033	.05053	4.7273	F<.00000
Stddev	.00143	.0014	.00020	.2002	1.5112
%RSD	15.719	42.66	.39320	4.2348	15.079

#1	.00915	.0037	.05073	4.8798	-8.2890
#2	.00768	.0044	.05054	4.8016	-11.065
#3	.01055	.0017	.05033	4.5006	-10.712

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4016.1	67632.	6097.6	92.889	4174.8
Stddev	4.5	114.	25.8	2.162	2.7
%RSD	.11235	.16851	.42303	2.3277	.06548

#1	4011.9	67548.	6068.7	90.533	4177.6
#2	4020.9	67762.	6105.4	93.350	4174.5
#3	4015.5	67586.	6118.5	94.783	4172.2

Sample Name: K2619-01 Acquired: 5/1/2019 18:24:53 Type: Unk
Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DRUM-1-4-A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00731	-.00219	.23255	.00249	.00485	.06672	.81721
Stddev	.00162	.00085	.00138	.00201	.00050	.00349	.00554
%RSD	22.101	38.730	.59175	80.626	10.389	5.2329	.67807

#1	.00819	-.00241	.23349	.00281	.00459	.06783	.82249
#2	.00545	-.00290	.23097	.00034	.00453	.06280	.81144
#3	.00830	-.00125	.23320	.00431	.00543	.06952	.81771

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.14392	8.5308	.38778	.00832	.00053	.81923
Stddev	.00004	.00039	.0672	.00079	.00017	.00017	.00394
%RSD	277.16	.26969	.78803	.20333	2.0564	31.392	.48094

#1	-.00006	.14372	8.4770	.38737	.00851	.00037	.81956
#2	.00001	.14437	8.5093	.38727	.00818	.00051	.81514
#3	.00000	.14368	8.6062	.38869	.00827	.00071	.82300

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.31521	.85011	.00718	.00072	271.30	.00207	F 47.639
Stddev	.00089	.04916	.00036	.00016	.18	.00029	1.118
%RSD	.28387	5.7824	5.0234	22.075	.06673	14.108	2.3475

#1	.31458	.90682	.00678	.00084	271.11	.00239	48.848
#2	.31623	.82377	.00727	.00079	271.33	.00181	47.426
#3	.31481	.81973	.00748	.00054	271.47	.00202	46.642

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.9617	-.01823	.37978	5.3522	.49304	-.00033	.01502
Stddev	.0114	.00057	.01703	.0087	.01543	.00023	.00082
%RSD	.38611	3.1495	4.4849	.16185	3.1306	70.395	5.4852

#1	2.9749	-.01757	.39134	5.3561	.48003	-.00007	.01418
#2	2.9556	-.01853	.36022	5.3582	.48899	-.00040	.01583
#3	2.9546	-.01859	.38779	5.3422	.51009	-.00051	.01506

Sample Name: K2619-01 Acquired: 5/1/2019 18:24:53 Type: Unk
Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DRUM-1-4-A Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00701	.0932	.09833	3.6743	F<.00000
Stddev	.00035	.0014	.00047	.3099	.97289
%RSD	5.0311	1.456	.47655	8.4339	10.689

#1	.00665	.0917	.09781	3.4891	-8.2505
#2	.00701	.0934	.09850	4.0320	-10.162
#3	.00736	.0944	.09870	3.5018	-8.8927

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4069.9	68188.	6160.9	95.667	4286.1
Stddev	5.2	386.	51.7	.740	5.2
%RSD	.12840	.56611	.83903	.77380	.12167

#1	4065.0	67745.	6214.9	96.473	4280.7
#2	4069.3	68366.	6155.8	95.017	4286.5
#3	4075.4	68454.	6111.9	95.510	4291.1

Sample Name: K2619-02 Acquired: 5/1/2019 18:29:38 Type: Unk
Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DRUM-1-5-B Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00774	-.00170	.09094	.00462	-.00002	-.01654	.40653
Stddev	.00078	.00079	.00109	.00294	.00307	.00825	.00353
%RSD	10.025	46.735	1.1949	63.693	13137.	49.870	.86940

#1	.00790	-.00199	.08975	.00390	.00286	-.01348	.41040
#2	.00689	-.00230	.09120	.00786	.00031	-.01027	.40575
#3	.00842	-.00080	.09188	.00211	-.00325	-.02589	.40346

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	.03635	16.783	.43312	.01055	-.00051	1.7922
Stddev	.00004	.00016	.022	.00050	.00014	.00009	.0061
%RSD	77.783	.43313	.13354	.11501	1.3664	17.225	.33817

#1	-.00001	.03620	16.760	.43350	.01071	-.00044	1.7900
#2	-.00008	.03633	16.786	.43255	.01043	-.00048	1.7875
#3	-.00007	.03652	16.804	.43330	.01052	-.00061	1.7990

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48136	1.2969	.00708	.00039	268.02	.00198	F 52.795
Stddev	.00200	.0502	.00060	.00015	1.16	.00043	1.151
%RSD	.41454	3.8679	8.4302	39.931	.43307	21.854	2.1795

#1	.48002	1.2432	.00775	.00022	266.72	.00212	51.835
#2	.48041	1.3426	.00661	.00052	268.38	.00234	54.071
#3	.48366	1.3048	.00688	.00041	268.96	.00150	52.480

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.4219	-.02193	.33703	8.9265	.56736	-.00363	.00528
Stddev	.0302	.00019	.02840	.0503	.00457	.00069	.00119
%RSD	.88113	.87262	8.4276	.56305	.80484	18.912	22.563

#1	3.4431	-.02197	.31610	8.8779	.56657	-.00437	.00448
#2	3.3873	-.02209	.36936	8.9782	.56323	-.00350	.00665
#3	3.4351	-.02172	.32562	8.9234	.57227	-.00302	.00471

Sample Name: K2619-02 Acquired: 5/1/2019 18:29:38 Type: Unk
 Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: DRUM-1-5-B Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00672	.0915	.10697	4.3974	F<.00000
Stddev	.00245	.0011	.00045	.3607	1.8839
%RSD	36.517	1.172	.42240	8.2029	30.614

#1	.00532	.0906	.10672	4.0628	-5.3316
#2	.00528	.0914	.10749	4.3498	-4.8209
#3	.00955	.0927	.10670	4.7795	-8.3092

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4006.2	67464.	6063.2	93.633	4223.8
Stddev	11.9	263.	14.1	1.682	6.7
%RSD	.29676	.39011	.23210	1.7963	.15788

#1	4002.4	67164.	6079.5	95.565	4224.7
#2	4019.5	67576.	6054.7	92.839	4230.0
#3	3996.6	67653.	6055.6	92.496	4216.8

Sample Name: K2623-03 Acquired: 5/1/2019 18:34:23 Type: Unk
Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SP-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00070	-.00036	.02257	.00042	-.00338	-.01002	.26063
Stddev	.00293	.00165	.00070	.00079	.00084	.00936	.00221
%RSD	416.81	461.94	3.0867	189.48	24.961	93.478	.84720

#1	-.00164	.00126	.02261	-.00012	-.00283	-.01541	.25826
#2	.00399	-.00029	.02324	.00132	-.00296	-.01543	.26098
#3	-.00024	-.00203	.02185	.00005	-.00435	.00080	.26264

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	.00022	63.050	.00097	.00182	.00060	-.00365
Stddev	.00002	.00005	.295	.00022	.00003	.00009	.00026
%RSD	1142.4	23.833	.46776	22.334	1.7360	14.284	7.2381

#1	.00001	.00028	63.375	.00103	.00181	.00054	-.00351
#2	.00000	.00020	62.800	.00073	.00186	.00069	-.00395
#3	-.00002	.00018	62.974	.00115	.00180	.00055	-.00348

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13670	3.6792	.00479	.00036	282.78	.00197	.23646
Stddev	.00103	.0161	.00007	.00064	1.90	.00014	.00049
%RSD	.75472	.43668	1.5579	181.07	.67080	7.1922	.20794

#1	.13767	3.6947	.00488	.00094	282.50	.00208	.23600
#2	.13562	3.6803	.00474	-.00034	281.04	.00201	.23640
#3	.13681	3.6626	.00476	.00046	284.80	.00181	.23698

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0438	-.00009	.02423	1.3759	3.2561	-.00275	-.00052
Stddev	.0162	.00048	.01176	.0044	.0420	.00077	.00153
%RSD	.79057	549.94	48.521	.32285	1.2889	28.031	293.35

#1	2.0398	.00003	.03707	1.3736	3.3043	-.00243	-.00227
#2	2.0301	.00032	.01399	1.3810	3.2368	-.00219	.00055
#3	2.0616	-.00061	.02162	1.3731	3.2273	-.00363	.00016

Sample Name: K2623-03 Acquired: 5/1/2019 18:34:23 Type: Unk
 Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SP-1 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01161	.0414	.75992	4.9153	F<.00000
Stddev	.00058	.0006	.00484	.1285	1.9818
%RSD	4.9705	1.340	.63627	2.6143	22.176

#1	.01191	.0416	.76550	4.8867	-8.5680
#2	.01198	.0408	.75708	4.8035	-11.077
#3	.01095	.0418	.75717	5.0557	-7.1649

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3957.4	66091.	6024.6	90.783	4126.9
Stddev	6.4	239.	72.1	1.222	4.4
%RSD	.16269	.36122	1.1967	1.3463	.10620

#1	3954.4	65825.	5949.5	89.529	4122.9
#2	3952.9	66162.	6030.9	90.849	4126.2
#3	3964.7	66287.	6093.3	91.971	4131.6

Sample Name: CCV06 Acquired: 5/1/2019 18:38:55 Type: Unk
Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14907 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 5.3509	F 5.3120	5.0997	F 5.4261	F 5.2659	10.270	F 11.073	F .28385
Stddev	.0126	.0128	.0067	.0112	.0092	.075	.075	.00039
%RSD	.23463	.24076	.13175	.20642	.17435	.72875	.67651	.13901
#1	5.3598	5.3083	5.1036	5.4385	5.2743	10.212	10.987	.28340
#2	5.3564	5.3263	5.0919	5.4230	5.2561	10.244	11.123	.28400
#3	5.3365	5.3015	5.1035	5.4167	5.2674	10.355	11.110	.28415
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 2.6456	F 28.636	F 1.1597	F 2.7476	1.2634	5.1366	F 2.7384	F 26.296
Stddev	.0012	.089	.0027	.0018	.0037	.0143	.0058	.198
%RSD	.04564	.31017	.23651	.06580	.29531	.27797	.21313	.75386
#1	2.6470	28.735	1.1613	2.7496	1.2677	5.1320	2.7340	26.183
#2	2.6451	28.609	1.1565	2.7471	1.2608	5.1251	2.7362	26.180
#3	2.6447	28.563	1.1612	2.7460	1.2617	5.1526	2.7450	26.525
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 2.7764	F 1.3862	F 28.321	F 2.8176	F 2.6734	F 27.434	F 5.3009	F 5.2777
Stddev	.0035	.0017	.139	.0111	.0003	.142	.0098	.0535
%RSD	.12649	.12061	.49092	.39316	.00992	.51868	.18559	1.0145
#1	2.7771	1.3872	28.227	2.8116	2.6732	27.335	5.3110	5.2377
#2	2.7725	1.3872	28.254	2.8108	2.6737	27.371	5.3005	5.2569
#3	2.7794	1.3843	28.480	2.8304	2.6733	27.597	5.2913	5.3385
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0776	F 5.9816	5.0628	F 5.4022	F 5.6933	F 5.614	F 5.3254	F 3.2618
Stddev	.0095	.0392	.0022	.0116	.0399	.018	.0279	.2305
%RSD	.18777	.65596	.04320	.21377	.70099	.3162	.52465	7.0669
#1	5.0807	6.0129	5.0642	5.3974	5.7173	5.609	5.3486	3.1893
#2	5.0853	5.9942	5.0639	5.4154	5.7154	5.633	5.3332	3.0762
#3	5.0669	5.9376	5.0603	5.3938	5.6472	5.598	5.2943	3.5198

Sample Name: CCV06 Acquired: 5/1/2019 18:38:55 Type: Unk
Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14907 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3.4839
Stddev 1.8855
%RSD 54.122

#1 5.4009
#2 3.4192
#3 1.6315

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4133.0	68951.	6104.3	91.839	4262.2
Stddev	10.8	78.	56.3	.114	6.3
%RSD	.26196	.11318	.92216	.12455	.14773

#1	4122.7	68938.	6062.2	91.788	4256.5
#2	4132.1	69035.	6082.4	91.758	4261.3
#3	4144.3	68880.	6168.2	91.970	4268.9

Sample Name: CCB06 Acquired: 5/1/2019 18:42:56 Type: Unk
Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14907 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	.00018	-.00230	.00159	-.00334	-.08881	.00209	.00001
Stddev	.00362	.00064	.00044	.00285	.00080	.00475	.00002	.00002
%RSD	142.95	352.77	19.061	179.45	23.859	5.3484	.80186	376.58
#1	.00585	-.00017	-.00187	-.00127	-.00248	-.08560	.00207	.00003
#2	.00306	.00092	-.00274	.00444	-.00405	-.08656	.00208	-.00001
#3	-.00132	-.00020	-.00229	.00160	-.00350	-.09427	.00210	.00000
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00019	.00573	.00045	.00062	-.00539	-.00309	-.00008	.01350
Stddev	.00005	.01278	.00026	.00001	.00013	.00042	.00004	.02432
%RSD	23.203	223.02	56.674	1.5904	2.3445	13.702	44.995	180.15
#1	-.00016	.01609	.00054	.00061	-.00548	-.00267	-.00012	.04155
#2	-.00025	.00965	.00016	.00062	-.00524	-.00308	-.00005	.00083
#3	-.00018	-.00855	.00065	.00063	-.00543	-.00351	-.00007	-.00187
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00392	.00090	.15488	.00193	-.01131	.17781	.00052	.00260
Stddev	.00017	.00021	.00634	.00034	.00019	.01625	.00039	.00563
%RSD	4.4470	23.028	4.0918	17.573	1.6554	9.1404	74.834	216.30
#1	.00393	.00112	.15068	.00232	-.01109	.17102	.00081	.00720
#2	.00408	.00071	.15178	.00169	-.01141	.16605	.00067	.00427
#3	.00373	.00087	.16217	.00179	-.01143	.19635	.00008	-.00367
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00268	.00173	.00005	-.00039	.00176	.0017	.00025	F 1.8752
Stddev	.00178	.00133	.00071	.00184	.00111	.0017	.00009	.0214
%RSD	66.241	76.563	1302.9	473.95	63.415	99.16	35.865	1.1405
#1	.00411	.00093	.00087	-.00041	.00282	-.0001	.00035	1.8893
#2	.00325	.00326	-.00047	.00146	.00060	.0020	.00019	1.8857
#3	.00069	.00101	-.00024	-.00222	.00186	.0033	.00020	1.8506

Sample Name: CCB06 Acquired: 5/1/2019 18:42:56 Type: Unk
Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14907 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .79496
Stddev	1.6583
%RSD	208.60

#1	2.7017
#2	-.00634
#3	-.31052

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4320.0	72752.	6155.4	95.878	4874.4
Stddev	8.0	178.	38.8	2.626	13.1
%RSD	.18529	.24422	.63074	2.7389	.26846

#1	4311.5	72583.	6111.7	93.042	4860.1
#2	4320.9	72737.	6185.9	96.367	4877.2
#3	4327.5	72937.	6168.6	98.225	4885.9

Sample Name: K2617-05 Acquired: 5/1/2019 18:47:25 Type: Unk
Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SUMP-PIT Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00183	-.00220	-.00309	.00107	-.00030	-.04894	.07690	-.00007
Stddev	.00124	.00041	.00059	.00266	.00152	.00391	.00066	.00003
%RSD	67.434	18.548	19.207	247.95	504.02	7.9996	.85567	38.407

#1	.00320	-.00173	-.00241	-.00121	.00080	-.04771	.07704	-.00009
#2	.00079	-.00242	-.00351	.00043	-.00204	-.04578	.07748	-.00004
#3	.00151	-.00246	-.00335	.00399	.00034	-.05332	.07619	-.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00031	6.1799	.00128	.00077	-.00086	.03696	.04426	.69568
Stddev	.00003	.0229	.00021	.00007	.00010	.00047	.00011	.02228
%RSD	8.1423	.37097	16.278	8.7591	11.719	1.2734	.24365	3.2031

#1	-.00031	6.1534	.00105	.00073	-.00098	.03663	.04438	.71739
#2	-.00029	6.1934	.00146	.00085	-.00080	.03750	.04425	.67286
#3	-.00034	6.1929	.00133	.00073	-.00081	.03675	.04416	.69679

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00385	.00050	2.0960	.00274	-.00369	.30748	.00170	.01480
Stddev	.00029	.00038	.0061	.00030	.00010	.02333	.00012	.02350
%RSD	7.4904	75.191	.29144	10.807	2.6358	7.5872	7.0296	158.77

#1	.00364	.00026	2.0976	.00250	-.00364	.32491	.00170	.04119
#2	.00418	.00031	2.1012	.00265	-.00362	.31656	.00182	.00707
#3	.00373	.00094	2.0893	.00307	-.00380	.28098	.00158	-.00386

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.46318	1.1234	-.00193	.00401	.00088	.0128	.02450	1.3114
Stddev	.00157	.0041	.00061	.00143	.00034	.0010	.00020	.1769
%RSD	.33834	.36206	31.452	35.668	39.002	7.712	.82478	13.486

#1	.46386	1.1188	-.00136	.00546	.00050	.0118	.02466	1.2654
#2	.46430	1.1263	-.00187	.00260	.00099	.0138	.02427	1.1621
#3	.46139	1.1252	-.00257	.00396	.00116	.0128	.02456	1.5067

Sample Name: K2617-05 Acquired: 5/1/2019 18:47:25 Type: Unk
 Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SUMP-PIT Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 4.3405
 Stddev 2.3650
 %RSD 54.488

#1 6.0352
 #2 5.3477
 #3 1.6386

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4321.4	73586.	6225.6	97.261	4870.2
Stddev	8.4	136.	27.2	1.061	5.6
%RSD	.19484	.18435	.43701	1.0912	.11408

#1	4311.7	73504.	6235.7	96.800	4868.2
#2	4326.7	73513.	6246.4	98.475	4866.0
#3	4325.8	73743.	6194.8	96.508	4876.5

Sample Name: K2621-02 Acquired: 5/1/2019 18:51:51 Type: Unk
Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: A5327 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00285	-.00179	-.00304	.00046	-.00329	-.09242	.04656
Stddev	.00147	.00077	.00051	.00026	.00120	.00690	.00019
%RSD	51.526	42.776	16.908	56.219	36.362	7.4604	.41852

#1	.00326	-.00177	-.00313	.00019	-.00191	-.08708	.04650
#2	.00122	-.00256	-.00350	.00071	-.00389	-.10020	.04678
#3	.00406	-.00103	-.00248	.00047	-.00407	-.08998	.04640

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	-.00045	29.690	.00266	.00099	-.00331	-.00325
Stddev	.00004	.00003	.061	.00021	.00013	.00042	.00046
%RSD	37.787	7.1228	.20554	7.9769	13.132	12.733	14.054

#1	-.00013	-.00043	29.626	.00248	.00113	-.00341	-.00310
#2	-.00007	-.00044	29.747	.00261	.00088	-.00285	-.00289
#3	-.00008	-.00049	29.699	.00289	.00096	-.00367	-.00377

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01757	3.2196	.00193	.00100	130.08	.00262	-.01162
Stddev	.00004	.0214	.00008	.00034	.24	.00019	.00011
%RSD	.22034	.66354	4.1455	33.590	.18197	7.0828	.96296

#1	.01757	3.2152	.00186	.00079	130.09	.00283	-.01157
#2	.01753	3.2429	.00201	.00083	129.84	.00256	-.01155
#3	.01760	3.2008	.00191	.00139	130.31	.00247	-.01175

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9142	.00568	.08159	4.0684	1.6867	-.00409	.00081
Stddev	.0343	.00030	.00993	.0255	.0194	.00028	.00215
%RSD	.69790	5.3183	12.172	.62660	1.1491	6.7608	263.40

#1	4.8961	.00557	.07014	4.0803	1.6860	-.00425	.00299
#2	4.9537	.00545	.08784	4.0391	1.6676	-.00425	.00074
#3	4.8927	.00602	.08680	4.0857	1.7064	-.00377	-.00129

Sample Name: K2621-02 Acquired: 5/1/2019 18:51:51 Type: Unk
 Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: A5327 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00645	.0285	.14895	4.0995	F<.00000
Stddev	.00016	.0019	.00028	.2329	1.1723
%RSD	2.4359	6.690	.19070	5.6810	21.690
#1	.00656	.0306	.14892	4.0229	-5.3473
#2	.00653	.0269	.14925	4.3611	-6.6052
#3	.00627	.0280	.14869	3.9146	-4.2627
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4076.0	68202.	6035.0	92.745	4369.4
Stddev	11.8	121.	31.6	1.771	11.8
%RSD	.28939	.17671	.52431	1.9096	.27078
#1	4065.0	68103.	6036.5	90.705	4356.8
#2	4074.4	68336.	6065.8	93.895	4371.0
#3	4088.4	68167.	6002.6	93.633	4380.3

Sample Name: K2621-02DUP Acquired: 5/1/2019 18:56:16 Type: Unk
Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: A5327DUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00328	-.00124	-.00366	.00114	-.00320	-.09385	.04657
Stddev	.00152	.00212	.00079	.00387	.00166	.00849	.00060
%RSD	46.313	170.70	21.633	341.17	51.937	9.0462	1.2845

#1	.00412	-.00303	-.00296	.00165	-.00300	-.08867	.04720
#2	.00419	.00110	-.00452	-.00297	-.00496	-.10364	.04649
#3	.00153	-.00178	-.00349	.00473	-.00165	-.08922	.04601

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	-.00041	29.786	.00239	.00072	-.00340	-.00300
Stddev	.00004	.00005	.165	.00010	.00036	.00058	.00022
%RSD	35.561	12.076	.55364	4.2713	49.529	17.200	7.3951

#1	-.00008	-.00040	29.858	.00232	.00036	-.00273	-.00276
#2	-.00011	-.00047	29.903	.00235	.00107	-.00383	-.00320
#3	-.00017	-.00037	29.597	.00251	.00072	-.00363	-.00305

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01754	3.2214	.00191	.00047	130.57	.00267	-.01151
Stddev	.00006	.0096	.00040	.00028	.42	.00045	.00009
%RSD	.36431	.29837	21.176	60.868	.32202	16.816	.77684

#1	.01757	3.2163	.00155	.00039	131.02	.00240	-.01142
#2	.01759	3.2155	.00235	.00023	130.51	.00319	-.01153
#3	.01747	3.2325	.00183	.00078	130.19	.00242	-.01159

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9315	.00585	.08230	4.0755	1.6943	-.00448	-.00044
Stddev	.0485	.00007	.00246	.0205	.0048	.00086	.00080
%RSD	.98340	1.1495	2.9887	.50257	.28320	19.115	180.44

#1	4.9317	.00583	.08407	4.0959	1.6987	-.00362	-.00124
#2	4.9799	.00579	.07949	4.0549	1.6950	-.00448	-.00045
#3	4.8829	.00592	.08335	4.0758	1.6892	-.00534	.00036

Sample Name: K2621-02DUP Acquired: 5/1/2019 18:56:16 Type: Unk
Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: A5327DUP Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00776	.0269	.15002	3.4296	F<.00000
Stddev	.00183	.0006	.00033	.1608	1.2755
%RSD	23.584	2.304	.22208	4.6897	30.664

#1	.00565	.0266	.15019	3.5116	-4.9565
#2	.00873	.0265	.15023	3.2443	-4.8336
#3	.00891	.0276	.14964	3.5329	-2.6884

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4073.2	67852.	5988.9	92.267	4369.9
Stddev	14.9	398.	28.5	.284	15.6
%RSD	.36595	.58651	.47646	.30771	.35722

#1	4056.7	67393.	5956.3	91.975	4352.3
#2	4085.6	68064.	6009.0	92.283	4375.6
#3	4077.3	68098.	6001.6	92.543	4381.9

Sample Name: K2621-02LX5 Acquired: 5/1/2019 19:00:42 Type: Unk
Method: P4-ICP2(v3082) 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	.00524	-.00106	-.00385	.00096	-.00172	-.09464	.01045	-.00005
Stddev	.00291	.00048	.00010	.00114	.00124	.00357	.00069	.00003
%RSD	55.512	45.491	2.4817	119.26	72.537	3.7725	6.6279	57.405

#1	.00206	-.00052	-.00393	.00225	-.00107	-.09186	.00967	-.00004
#2	.00589	-.00123	-.00386	.00055	-.00315	-.09339	.01099	-.00008
#3	.00777	-.00144	-.00374	.00008	-.00093	-.09867	.01070	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00032	6.0151	.00100	.00088	-.00516	-.00289	.00347	.62424
Stddev	.00006	.0489	.00020	.00011	.00035	.00021	.00007	.01117
%RSD	17.657	.81318	19.794	12.608	6.7124	7.4236	2.0959	1.7898

#1	-.00038	6.0635	.00118	.00088	-.00556	-.00307	.00339	.63493
#2	-.00030	5.9657	.00104	.00098	-.00492	-.00294	.00348	.61264
#3	-.00027	6.0162	.00079	.00076	-.00500	-.00265	.00353	.62515

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00334	.00087	25.868	.00200	-.00756	1.1288	.00105	.00846
Stddev	.00012	.00092	.086	.00020	.00007	.0420	.00010	.01006
%RSD	3.7259	106.17	.33368	10.018	.94048	3.7226	9.3691	118.92

#1	.00347	.00061	25.771	.00186	-.00764	1.1098	.00116	.01981
#2	.00322	.00010	25.898	.00192	-.00751	1.1769	.00097	.00489
#3	.00333	.00189	25.936	.00223	-.00753	1.0996	.00102	.00067

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.79919	.35039	-.00380	.00060	.00375	.0066	.03025	1.8188
Stddev	.00429	.00190	.00030	.00121	.00045	.0017	.00014	.0497
%RSD	.53731	.54301	7.9111	201.67	11.996	25.65	.44679	2.7334

#1	.80357	.35248	-.00412	.00159	.00406	.0048	.03040	1.8743
#2	.79901	.34993	-.00376	.00095	.00323	.0082	.03017	1.7783
#3	.79498	.34876	-.00352	-.00075	.00395	.0068	.03017	1.8038

Sample Name: K2621-02LX5 Acquired: 5/1/2019 19:00:42 Type: Unk
Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev 1.4451
%RSD 348.59

#1 -1.8047
#2 -.51874
#3 1.0798

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4304.2	72012.	6206.1	97.101	4753.2
Stddev	6.6	189.	68.6	.881	6.7
%RSD	.15448	.26313	1.1052	.90781	.14069

#1	4296.6	71794.	6129.9	98.048	4745.5
#2	4306.6	72109.	6263.0	96.303	4757.5
#3	4309.3	72133.	6225.3	96.953	4756.7

Sample Name: K2621-02MS Acquired: 5/1/2019 19:05:08 Type: Unk
Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: A5327MS 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	.76299	1.8362	.87887	1.9301	.74789	1.7438	.25171	.20381	.18584
Stddev	.00322	.0155	.00070	.0083	.00425	.0189	.00186	.00043	.00047
%RSD	.42151	.84630	.07917	.43009	.56791	1.0855	.73911	.20943	.25538
#1	.76187	1.8236	.87816	1.9360	.74955	1.7240	.24956	.20348	.18555
#2	.76662	1.8536	.87890	1.9337	.75105	1.7457	.25279	.20429	.18639
#3	.76048	1.8316	.87955	1.9206	.74306	1.7618	.25277	.20366	.18559
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	31.409	.43385	.19949	.27665	2.8017	.21810	5.1387	.50214	.07081
Stddev	.394	.00060	.00021	.00151	.0046	.00037	.0445	.00133	.00048
%RSD	1.2529	.13879	.10363	.54445	.16552	.17123	.86532	.26502	.67160
#1	31.219	.43355	.19946	.27832	2.7970	.21768	5.1019	.50126	.07133
#2	31.146	.43454	.19971	.27622	2.8017	.21839	5.1261	.50367	.07072
#3	31.861	.43346	.19930	.27540	2.8063	.21824	5.1881	.50149	.07039
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	136.11	.32421	.17805	14.950	.40207	.37251	4.1761	2.6113	.62719
Stddev	.85	.00091	.00028	.069	.00190	.00513	.0257	.0223	.00315
%RSD	.62247	.28058	.15690	.46174	.47156	1.3770	.61644	.85296	.50209
#1	135.13	.32316	.17807	14.889	.40320	.36853	4.1592	2.6060	.62378
#2	136.59	.32471	.17832	15.025	.40314	.37830	4.2057	2.5921	.62999
#3	136.62	.32476	.17776	14.935	.39988	.37071	4.1633	2.6357	.62780
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.19637	.21027	5.843	.33937	4.2587	4.8329			
Stddev	.00249	.00298	.024	.00234	.2598	.8611			
%RSD	1.2681	1.4169	.4140	.69050	6.1000	17.818			
#1	.19364	.21115	5.822	.33839	4.4828	5.6226			
#2	.19694	.20695	5.869	.33768	4.3194	4.9612			
#3	.19852	.21270	5.838	.34205	3.9739	3.9148			

Sample Name: K2621-02MS Acquired: 5/1/2019 19:05:08 Type: Unk
Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: A5327MS 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	4061.4	68135.	6056.2	93.893	4324.0
Stddev	23.6	123.	41.2	1.161	12.6
%RSD	.58164	.18013	.68044	1.2366	.29137
#1	4036.8	68009.	6043.1	94.180	4311.4
#2	4063.6	68141.	6102.3	92.615	4324.0
#3	4083.9	68254.	6023.1	94.883	4336.6

Sample Name: K2621-02MSD Acquired: 5/1/2019 19:09:13 Type: Unk
Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: A5327MSD 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	.76338	1.8369	.87868	1.9307	.74574	1.7352	.25202	.20565	.18598
Stddev	.00658	.0060	.00115	.0036	.00292	.0162	.00252	.00110	.00027
%RSD	.86218	.32828	.13055	.18547	.39210	.93382	1.0006	.53442	.14493
#1	.76830	1.8388	.87740	1.9331	.74506	1.7538	.25461	.20665	.18628
#2	.75590	1.8417	.87900	1.9323	.74323	1.7281	.24957	.20583	.18577
#3	.76593	1.8301	.87962	1.9266	.74895	1.7238	.25188	.20447	.18589
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	32.011	.43832	.19994	.27624	2.8281	.21999	5.1934	.50380	.07133
Stddev	.110	.00118	.00022	.00067	.0127	.00033	.0584	.00098	.00072
%RSD	.34309	.27024	.10972	.24228	.44769	.14903	1.1243	.19442	1.0082
#1	31.965	.43937	.20010	.27658	2.8427	.22022	5.2608	.50325	.07210
#2	32.136	.43857	.20003	.27547	2.8211	.22013	5.1613	.50493	.07067
#3	31.932	.43704	.19969	.27667	2.8205	.21961	5.1581	.50322	.07122
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	136.40	.32620	.17823	15.006	.40180	.36766	4.1731	2.6734	.62724
Stddev	.89	.00152	.00012	.152	.00096	.00749	.0059	.0347	.00259
%RSD	.65341	.46564	.06956	1.0154	.23847	2.0372	.14069	1.2977	.41308
#1	136.92	.32741	.17834	15.048	.40105	.37365	4.1700	2.6588	.62435
#2	135.37	.32671	.17826	14.837	.40146	.35926	4.1798	2.7130	.62936
#3	136.91	.32450	.17810	15.133	.40288	.37006	4.1694	2.6483	.62802
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.19701	.21443	5.841	.34569	4.6246	4.4904			
Stddev	.00372	.00126	.008	.00060	.1093	.5962			
%RSD	1.8866	.58917	.1313	.17297	2.3627	13.276			
#1	.19687	.21375	5.843	.34539	4.7394	4.4502			
#2	.20080	.21588	5.847	.34638	4.6124	5.1057			
#3	.19337	.21364	5.832	.34530	4.5219	3.9154			

Sample Name: K2621-02MSD Acquired: 5/1/2019 19:09:13 Type: Unk
Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: A5327MSD 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	4081.0	68227.	5971.4	91.621	4332.0
Stddev	2.7	297.	38.9	.951	3.5
%RSD	.06531	.43572	.65195	1.0384	.08163
#1	4078.1	67884.	5986.2	91.828	4328.5
#2	4081.5	68406.	5927.2	92.451	4331.9
#3	4083.3	68391.	6000.7	90.583	4335.5

Sample Name: K2621-02A Acquired: 5/1/2019 19:13:17 Type: Unk
Method: P4-ICP2(v3082) 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	.76833	1.8454	.88262	1.9380	.74930	1.7487	.25358	.20573	.18708
Stddev	.00207	.0080	.00149	.0079	.00090	.0046	.00083	.00080	.00076
%RSD	.26914	.43207	.16826	.40993	.11946	.26367	.32793	.39049	.40543
#1	.76787	1.8366	.88091	1.9429	.75010	1.7539	.25443	.20556	.18621
#2	.76652	1.8523	.88334	1.9289	.74833	1.7450	.25277	.20503	.18752
#3	.77058	1.8473	.88360	1.9423	.74945	1.7473	.25353	.20661	.18752
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	31.976	.43784	.20100	.27884	2.8316	.22081	5.2322	.50712	.07158
Stddev	.217	.00051	.00103	.00049	.0054	.00120	.0501	.00249	.00020
%RSD	.68001	.11715	.51417	.17673	.19178	.54441	.95759	.49095	.27777
#1	31.726	.43815	.19985	.27844	2.8296	.22120	5.2012	.50467	.07138
#2	32.076	.43725	.20185	.27939	2.8275	.21947	5.2900	.50965	.07178
#3	32.125	.43813	.20131	.27869	2.8377	.22177	5.2054	.50705	.07159
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	137.29	.32699	.17906	15.086	.40478	.37622	4.1839	2.6773	.63054
Stddev	.15	.00040	.00042	.049	.00070	.00515	.0067	.0165	.00493
%RSD	.10737	.12156	.23569	.32441	.17364	1.3695	.15972	.61748	.78115
#1	137.13	.32742	.17867	15.031	.40423	.38217	4.1764	2.6642	.62796
#2	137.42	.32664	.17951	15.124	.40453	.37306	4.1891	2.6719	.63622
#3	137.32	.32690	.17901	15.104	.40557	.37344	4.1861	2.6959	.62744
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.19656	.21249	5.870	.34634	4.5325	3.6014			
Stddev	.00130	.00108	.005	.00154	.2098	1.1866			
%RSD	.66184	.50773	.0779	.44375	4.6285	32.949			
#1	.19547	.21227	5.869	.34463	4.4055	3.6844			
#2	.19621	.21367	5.866	.34678	4.4174	2.3755			
#3	.19800	.21154	5.875	.34761	4.7747	4.7444			

Sample Name: K2621-02A Acquired: 5/1/2019 19:13:17 Type: Unk
Method: P4-ICP2(v3082) 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	4062.2	67959.	5971.1	92.280	4315.6
Stddev	15.6	202.	30.4	2.141	12.9
%RSD	.38461	.29761	.50996	2.3198	.29821
#1	4045.2	67956.	6000.8	93.860	4307.0
#2	4065.2	67758.	5940.0	89.844	4309.4
#3	4076.0	68162.	5972.4	93.137	4330.4

Sample Name: CCV07 Acquired: 5/1/2019 19:17:21 Type: Unk
Method: P4-ICP2(v3082) 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	F 5.5042	F 5.5063	5.1895	F 5.5940	F 5.3940	F 10.517	F 11.431	F .29595
Stddev	.0037	.0245	.0056	.0126	.0059	.050	.051	.00076
%RSD	.06745	.44559	.10778	.22429	.10946	.48001	.44831	.25709
#1	5.5012	5.4889	5.1832	5.5991	5.3916	10.491	11.394	.29563
#2	5.5083	5.5344	5.1940	5.6032	5.3896	10.486	11.490	.29541
#3	5.5030	5.4956	5.1912	5.5797	5.4007	10.576	11.411	.29682
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 2.7437	F 29.714	F 1.2037	F 2.8353	1.2950	5.2212	F 2.8305	F 27.308
Stddev	.0036	.094	.0016	.0034	.0014	.0049	.0011	.069
%RSD	.12999	.31528	.13124	.11825	.10943	.09391	.03996	.25215
#1	2.7435	29.617	1.2035	2.8347	1.2945	5.2203	2.8317	27.240
#2	2.7474	29.804	1.2022	2.8389	1.2966	5.2167	2.8295	27.378
#3	2.7402	29.721	1.2053	2.8322	1.2939	5.2264	2.8304	27.306
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 2.8781	F 1.4276	F 29.463	F 2.9115	F 2.7502	F 28.574	F 5.4141	F 5.5428
Stddev	.0049	.0019	.139	.0048	.0044	.103	.0079	.0193
%RSD	.17179	.13085	.47196	.16478	.16042	.36138	.14573	.34892
#1	2.8768	1.4273	29.304	2.9098	2.7496	28.459	5.4209	5.5493
#2	2.8835	1.4296	29.558	2.9077	2.7548	28.658	5.4159	5.5581
#3	2.8739	1.4259	29.529	2.9169	2.7461	28.606	5.4054	5.5211
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2262	F 6.4206	5.1730	F 5.5252	F 5.7808	F 5.756	F 5.4174	F 3.9837
Stddev	.0229	.0065	.0109	.0055	.0358	.006	.0212	.3513
%RSD	.43828	.10115	.21127	.09965	.61959	.1060	.39212	8.8174
#1	5.2210	6.4155	5.1682	5.5296	5.7414	5.749	5.3929	4.3751
#2	5.2512	6.4279	5.1856	5.5269	5.7898	5.760	5.4313	3.6958
#3	5.2063	6.4184	5.1653	5.5190	5.8113	5.759	5.4279	3.8803

Sample Name: CCV07 Acquired: 5/1/2019 19:17:21 Type: Unk
 Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 3.4717
Stddev	2.0090
%RSD	57.868

#1	1.1552
#2	4.5226
#3	4.7373

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4172.4	69509.	6162.6	92.882	4290.7
Stddev	7.1	69.	6.7	2.218	5.2
%RSD	.17020	.09969	.10874	2.3884	.12046

#1	4164.5	69585.	6162.0	90.342	4285.5
#2	4178.1	69450.	6156.2	93.871	4290.8
#3	4174.8	69490.	6169.6	94.435	4295.9

Sample Name: CCB07 Acquired: 5/1/2019 19:21:27 Type: Unk
Method: P4-ICP2(v3082) 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	.00272	-.00013	-.00398	.00146	-.00318	-.06608	.00301	.00000
Stddev	.00238	.00029	.00047	.00016	.00063	.01068	.00043	.00004
%RSD	87.556	227.28	11.779	10.609	19.930	16.164	14.410	842.83
#1	.00484	-.00001	-.00345	.00136	-.00380	-.06820	.00298	-.00003
#2	.00014	.00009	-.00416	.00164	-.00320	-.05450	.00259	.00000
#3	.00319	-.00046	-.00434	.00139	-.00253	-.07555	.00346	.00005
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	.02662	.00027	.00097	-.00524	-.00187	.00005	-.01766
Stddev	.00009	.00930	.00022	.00017	.00014	.00028	.00002	.03741
%RSD	154.54	34.954	82.488	17.004	2.6197	14.932	51.222	211.77
#1	-.00014	.03703	.00045	.00109	-.00508	-.00220	.00004	-.02358
#2	.00004	.02371	.00002	.00105	-.00531	-.00172	.00008	-.05176
#3	-.00007	.01912	.00033	.00078	-.00531	-.00171	.00003	.02235
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00376	.00089	.14400	.00176	-.01425	.18862	.00084	-.00285
Stddev	.00023	.00024	.00433	.00018	.00006	.02549	.00014	.00367
%RSD	6.1724	26.407	3.0083	10.196	.40484	13.512	17.138	128.65
#1	.00401	.00111	.13901	.00187	-.01419	.16875	.00098	-.00416
#2	.00373	.00093	.14632	.00156	-.01426	.17976	.00084	.00129
#3	.00355	.00064	.14669	.00186	-.01431	.21736	.00069	-.00568
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00290	.00497	-.00018	.00150	.00192	.0018	.00045	F 1.4569
Stddev	.00178	.00117	.00034	.00083	.00097	.0012	.00004	.0858
%RSD	61.409	23.444	188.73	55.662	50.683	68.28	9.8466	5.8918
#1	.00330	.00552	.00018	.00090	.00297	.0019	.00042	1.4454
#2	.00095	.00576	-.00048	.00245	.00106	.0029	.00050	1.5479
#3	.00445	.00363	-.00024	.00115	.00172	.0005	.00044	1.3774

Sample Name: CCB07 Acquired: 5/1/2019 19:21:27 Type: Unk
Method: P4-ICP2(v3082) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .69394
Stddev	.93798
%RSD	135.17

#1	.14240
#2	1.7770
#3	.16246

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4373.3	73131.	6178.6	95.156	4914.0
Stddev	10.1	85.	35.6	2.409	6.5
%RSD	.23171	.11678	.57554	2.5320	.13171

#1	4383.0	73038.	6201.0	97.433	4921.0
#2	4362.8	73205.	6197.2	95.400	4908.2
#3	4374.1	73151.	6137.6	92.633	4912.7