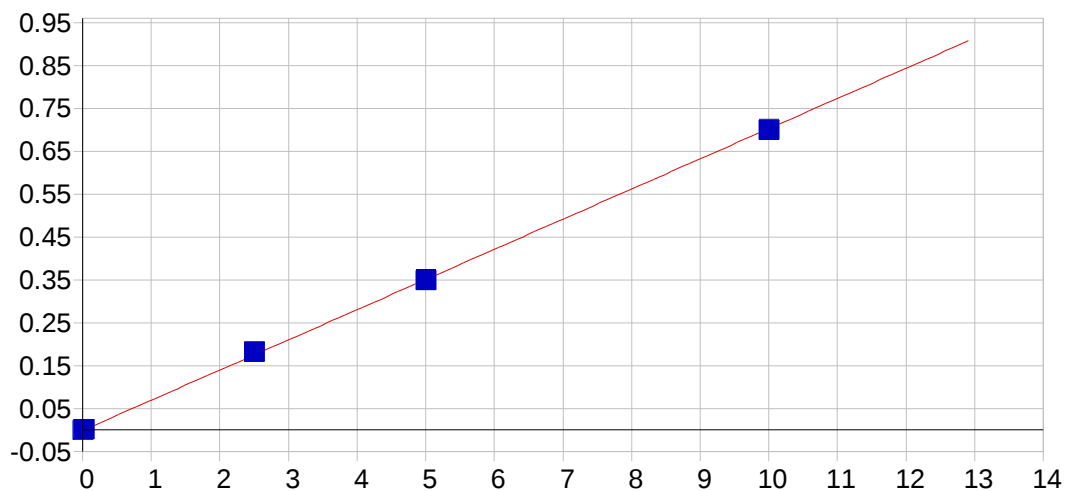


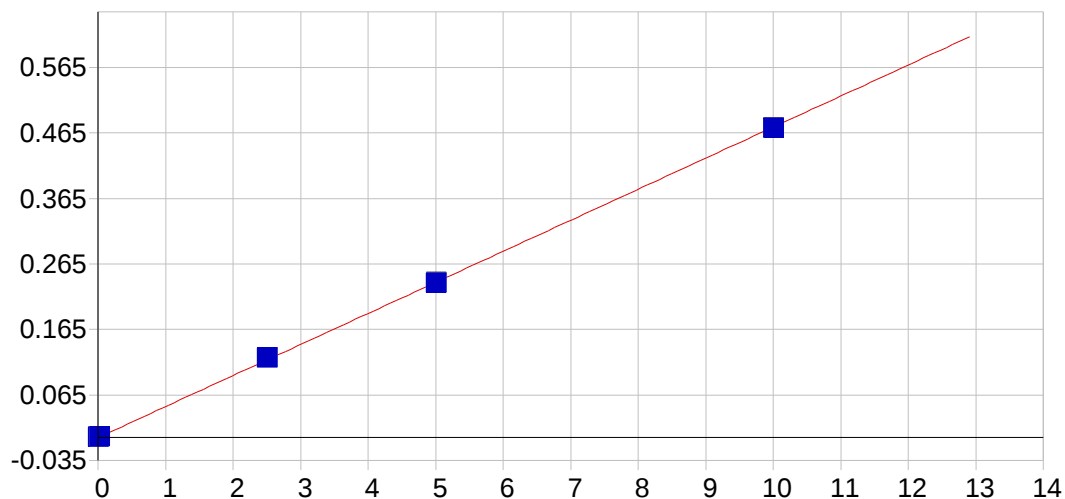


As 189.042 {478}

Date of Fit: 5/21/2019 16:19:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000670 Re-Slope: 1.000000
 A1 (Gain): 0.070334 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999908 Status: OK.
 Std Error of Est: 0.000023
 Predicted MDL: 0.002661
 Predicted MQL: 0.008871

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00067	.000	1
S1	.02000	.02086	.001	4.30	.00080	.000	1
S3	2.5000	2.5825	.082	3.30	.18095	.000	1
S4	5.0000	4.9715	-.029	-.571	.34897	.000	1
S5	10.000	9.9452	-.055	-.548	.69876	.001	1



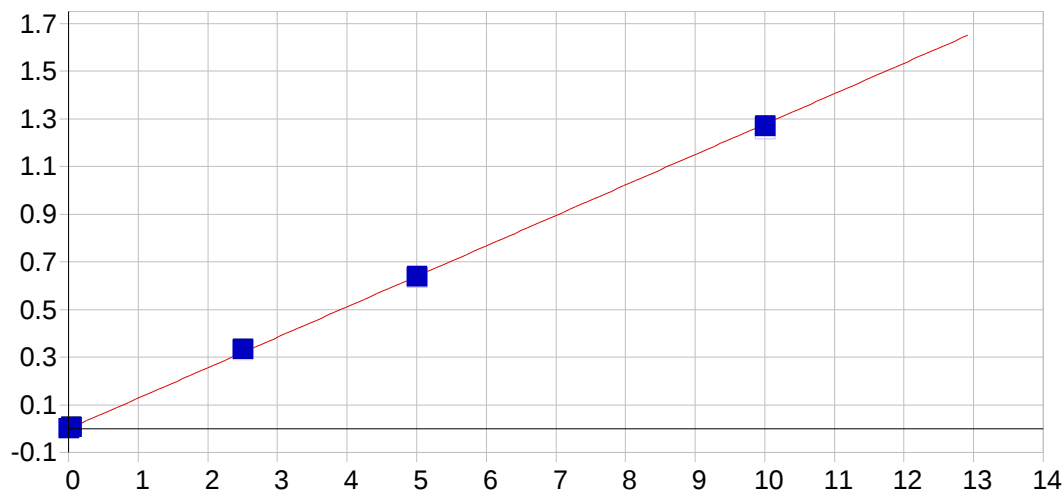
As 189.042 {479}

Date of Fit: 5/21/2019 16:19:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000173 Re-Slope: 1.000000

A1 (Gain): 0.047410 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999936 Status: OK.
 Std Error of Est: 0.000013
 Predicted MDL: 0.002495
 Predicted MQL: 0.008315

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00017	.000	1
S1	.02000	.02210	.002	10.5	.00088	.000	1
S3	2.5000	2.5654	.065	2.62	.12146	.000	1
S4	5.0000	4.9707	-.029	-.586	.23549	.001	1
S5	10.000	9.9618	-.038	-.382	.47212	.000	1

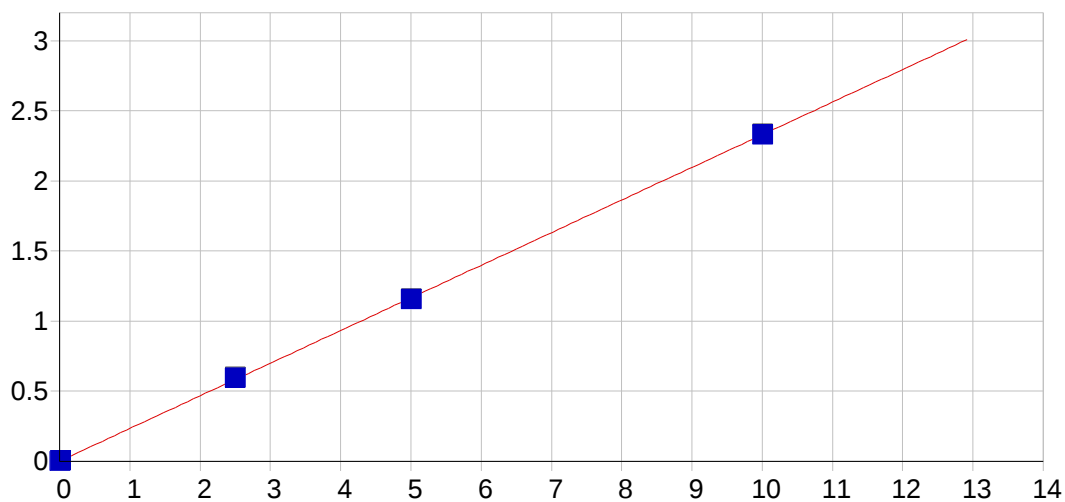


TI 190.856 {477}

Date of Fit: 5/21/2019 16:19:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000018 Re-Slope: 1.000000
 A1 (Gain): 0.127760 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999871 Status: OK.
 Std Error of Est: 0.000070
 Predicted MDL: 0.001199
 Predicted MQL: 0.003996

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00002	.000	1
S1	.04000	.04321	.003	8.02	.00540	.000	1
S3	2.5000	2.5937	.094	3.75	.32811	.001	1
S4	5.0000	4.9808	-.019	-.385	.62981	.001	1
S5	10.000	9.9224	-.078	-.776	1.2546	.002	1

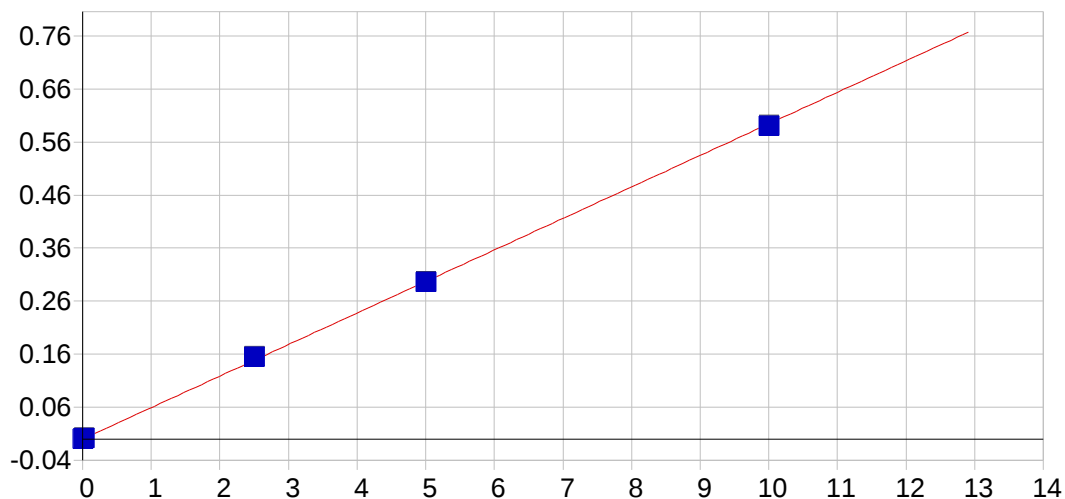


Pb 220.353 (453)

Date of Fit: 5/21/2019 16:19:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002208 Re-Slope: 1.000000
 A1 (Gain): 0.232761 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999957 Status: OK.
 Std Error of Est: 0.000040
 Predicted MDL: 0.000975
 Predicted MQL: 0.003251

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00221	.000	1
S1	.01200	.01242	.000	3.51	.00505	.000	1
S3	2.5000	2.5490	.049	1.96	.59472	.002	1
S4	5.0000	4.9485	-.051	-1.03	1.1524	.002	1
S5	10.000	10.002	.002	.021	2.3271	.003	1



Se 196.090 (472)

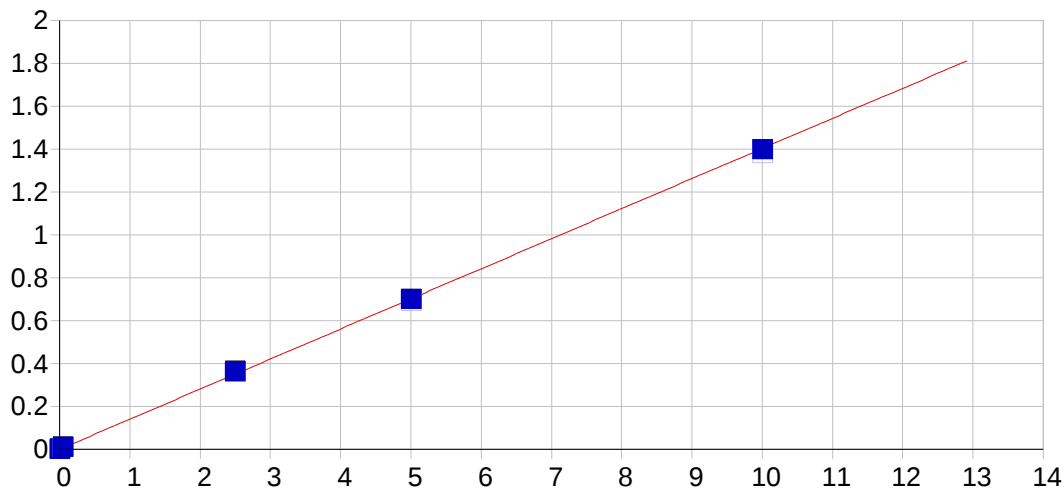
Date of Fit: 5/21/2019 16:19:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000055 Re-Slope: 1.000000
 A1 (Gain): 0.059421 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999859
 Std Error of Est: 0.000024
 Predicted MDL: 0.002769
 Predicted MQL: 0.009229

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00006	.000	1
S1	.02000	.02368	.004	18.4	.00135	.000	1
S3	2.5000	2.5944	.094	3.78	.15407	.001	1
S4	5.0000	4.9801	-.020	-.398	.29580	.000	1
S5	10.000	9.9218	-.078	-.782	.58938	.001	1



Sb 206.833 {463}

Date of Fit: 5/21/2019 16:19:13

Type of Fit: Linear

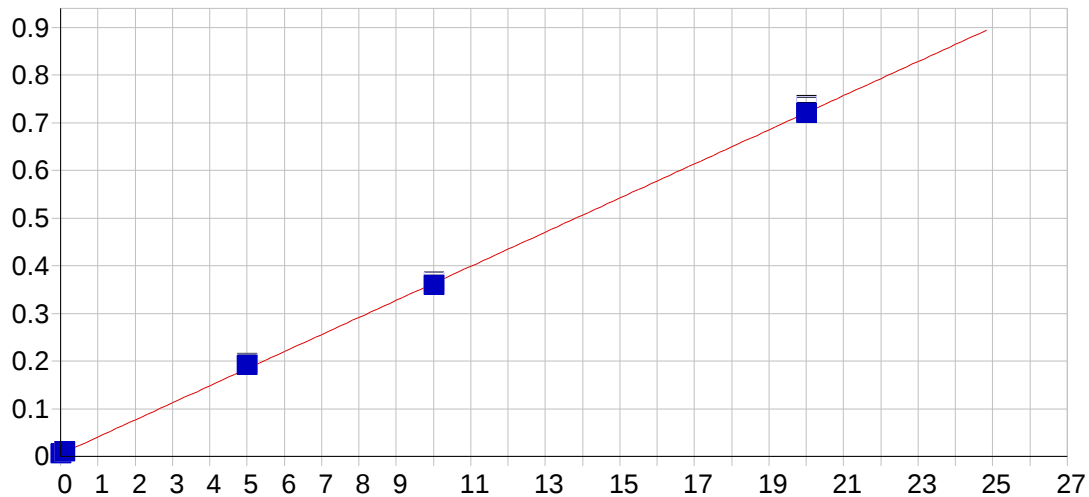
Weighting: 1/Conc

A0 (Offset): 0.000264
 A1 (Gain): 0.140288
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999907
 Std Error of Est: 0.000072
 Predicted MDL: 0.001529
 Predicted MQL: 0.005095

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	.00026	.000	1
S1	.05000	.05423	.004	8.46	.00770	.000	1
S3	2.5000	2.5772	.077	3.09	.35787	.001	1
S4	5.0000	4.9724	-.028	-.553	.68994	.002	1
S5	10.000	9.9462	-.054	-.538	1.3798	.001	1

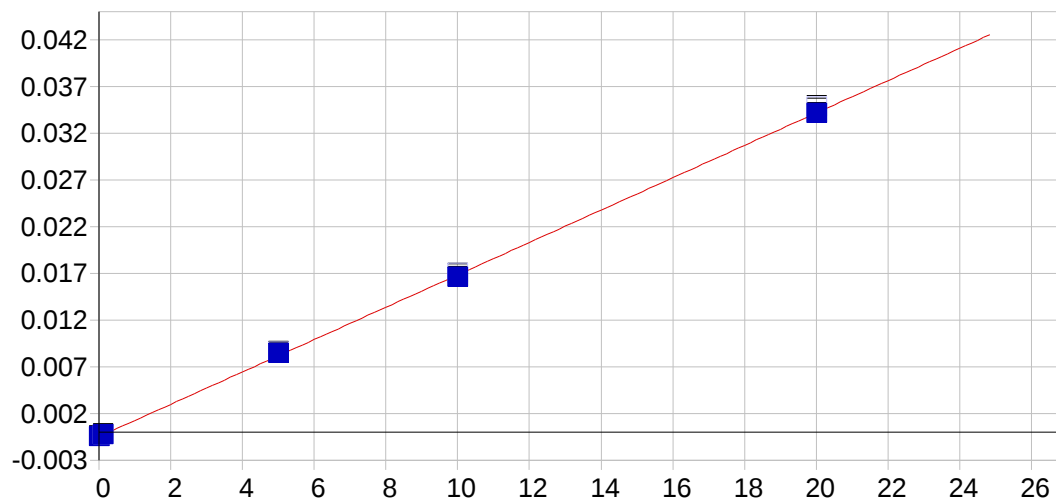


AI 308.215 {109}

Date of Fit: 5/21/2019 16:19:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004983 Re-Slope: 1.000000
 A1 (Gain): 0.035806 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999878 Status: OK.
 Std Error of Est: 0.000044
 Predicted MDL: 0.002664
 Predicted MQL: 0.008879

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00498	.000	1
S1	.10000	.11014	.010	10.1	.00918	.000	1
S3	5.0000	5.1711	.171	3.42	.19371	.001	1
S4	10.000	9.8611	-.139	-1.39	.36520	.001	1
S5	20.000	19.957	-.043	-.214	.73384	.002	1



AI 309.271 {109}

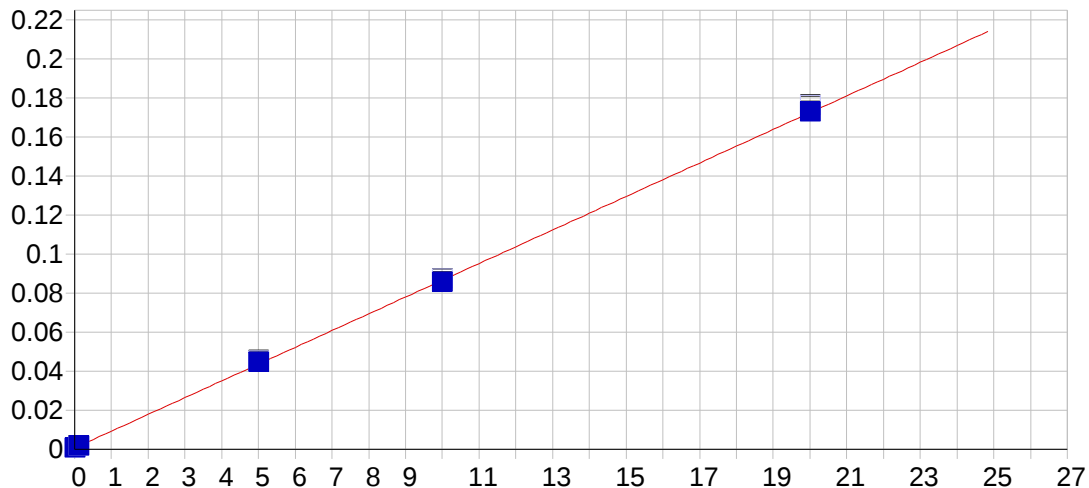
Date of Fit: 5/21/2019 16:19:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000475 Re-Slope: 1.000000
 A1 (Gain): 0.001732 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999835
 Std Error of Est: 0.000002
 Predicted MDL: 0.033253
 Predicted MQL: 0.110844

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	-.00047	.000	1
S1	.10000	.12485	.025	24.8	-.00025	.000	1
S3	5.0000	5.1439	.144	2.88	.00861	.000	1
S4	10.000	9.8703	-.130	-1.30	.01696	.000	1
S5	20.000	19.960	-.040	-.201	.03478	.000	1



AI 396.152 { 85}

Date of Fit: 5/21/2019 16:19:13

Type of Fit: Linear

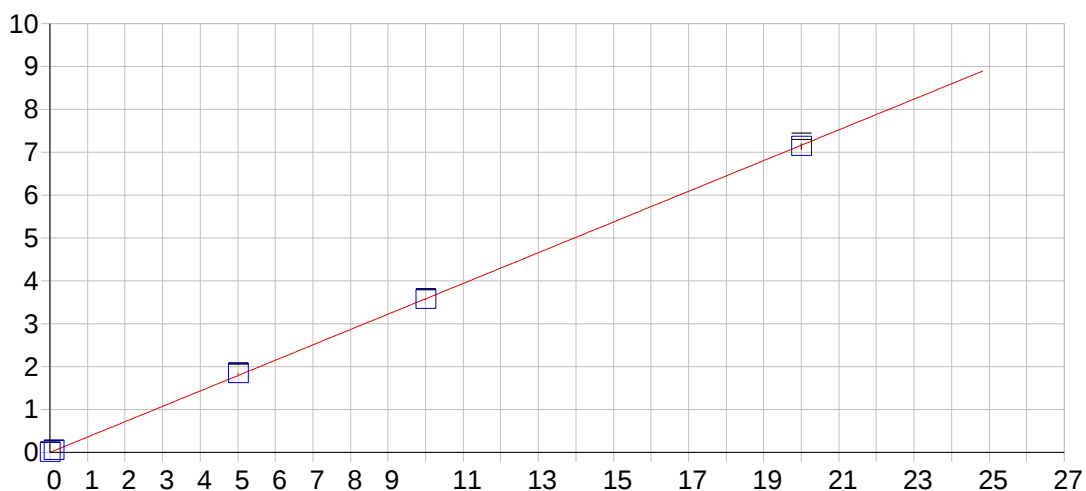
Weighting: 1/Conc

A0 (Offset): 0.000710
 A1 (Gain): 0.008591
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999949
 Std Error of Est: 0.000007
 Predicted MDL: 0.011535
 Predicted MQL: 0.038451

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	.00071	.000	1
S1	.10000	.10446	.004	4.46	.00167	.000	1
S3	5.0000	5.0966	.097	1.93	.04535	.000	1
S4	10.000	9.8717	-.128	-1.28	.08723	.000	1
S5	20.000	20.027	.027	.135	.17618	.000	1

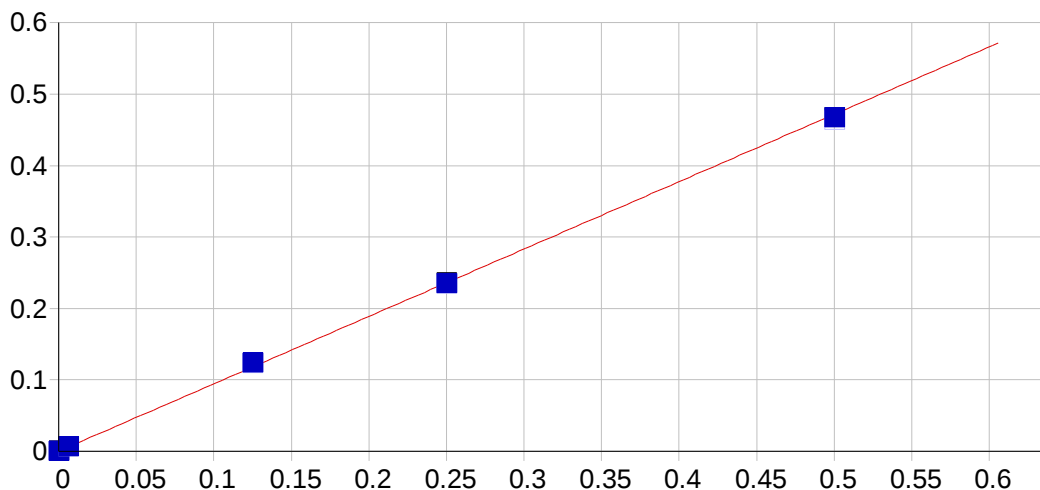


Ba 493.409 { 68}

Date of Fit: 5/21/2019 16:19:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001192 Re-Slope: 1.000000
 A1 (Gain): 0.358097 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999935 Status: OK.
 Std Error of Est: 0.000313
 Predicted MDL: 0.000542
 Predicted MQL: 0.001805

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00119	.000	1
S1	.10000	.10837	.008	8.37	.04000	.000	1
S3	5.0000	5.1279	.128	2.56	1.8375	.012	1
S5	20.000	19.916	-.084	-.422	7.1329	.080	1
S4	10.000	9.9481	-.052	-.519	3.5636	.011	1



Be 234.861 {144}

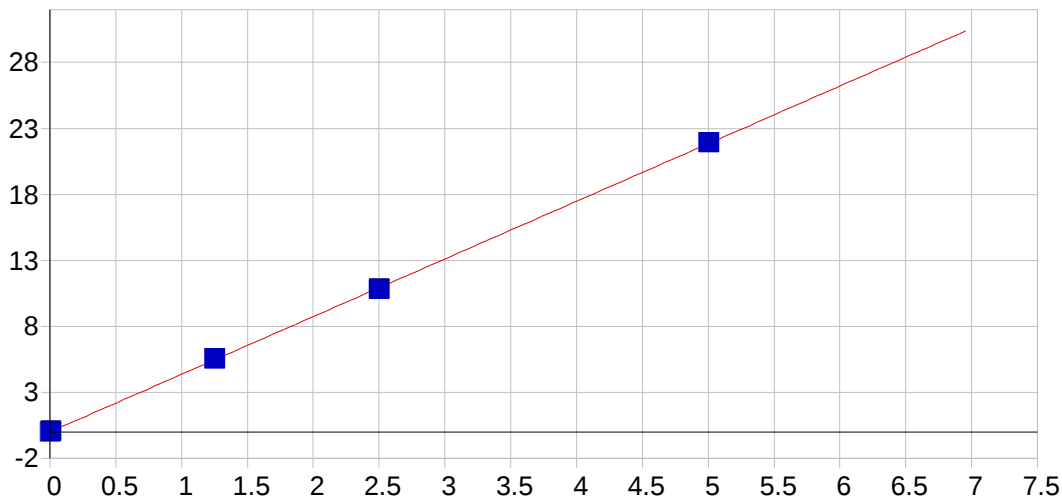
Date of Fit: 5/21/2019 16:19:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000133 Re-Slope: 1.000000
 A1 (Gain): 0.943207 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999767
 Std Error of Est: 0.000060
 Predicted MDL: 0.000065
 Predicted MQL: 0.000218

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00013	.000	1
S1	.00600	.00670	.001	11.7	.00640	.000	1
S3	.12500	.13070	.006	4.56	.12267	.000	1
S4	.25000	.24911	-.001	-.355	.23361	.001	1
S5	.50000	.49449	-.006	-1.10	.46357	.000	1



Cd 226.502 {449}

Date of Fit: 5/21/2019 16:19:13

Type of Fit: Linear

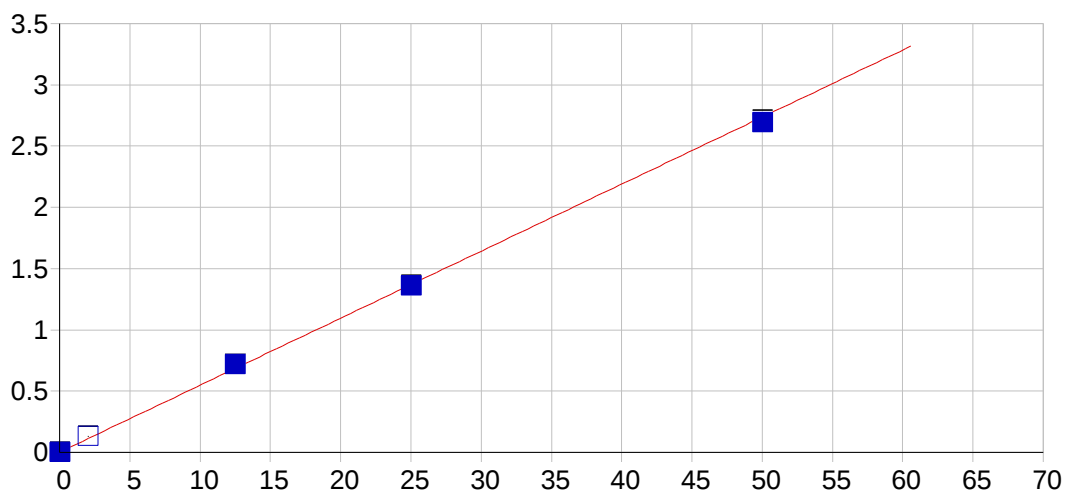
Weighting: 1/Conc

A0 (Offset): -0.000352
 A1 (Gain): 4.369486
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999974
 Std Error of Est: 0.000297
 Predicted MDL: 0.000066
 Predicted MQL: 0.000221

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	-.00035	.000	1
S1	.00600	.00625	.000	4.13	.02700	.000	1
S3	1.2500	1.2620	.012	.957	5.5150	.016	1
S4	2.5000	2.4730	-.027	-1.08	10.808	.009	1
S5	5.0000	5.0148	.015	.297	21.917	.018	1

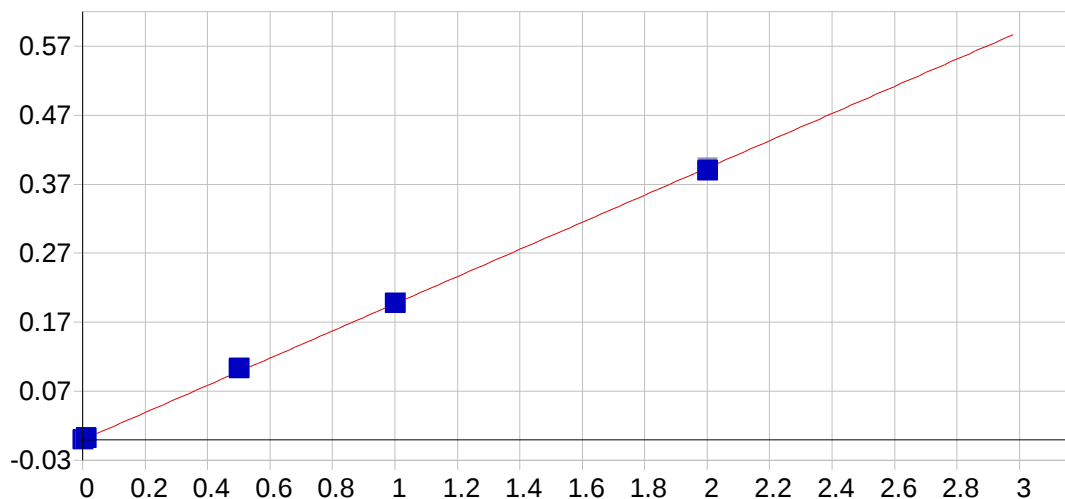


Ca 373.690 { 90}

Date of Fit: 5/21/2019 16:19:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001334 Re-Slope: 1.000000
 A1 (Gain): 0.054709 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999334 Status: OK.
 Std Error of Est: 0.001091
 Predicted MDL: 0.014598
 Predicted MQL: 0.048660

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.3902	.390	19.5	.13210	.000	1
S0	.00000	-.00044	-.000	.000	.00131	.001	1
S3	12.500	13.099	.599	4.80	.71836	.003	1
S4	25.000	24.819	-.181	-.722	1.3599	.005	1
S5	50.000	49.191	-.809	-1.62	2.6940	.018	1



Cr 267.716 {126}

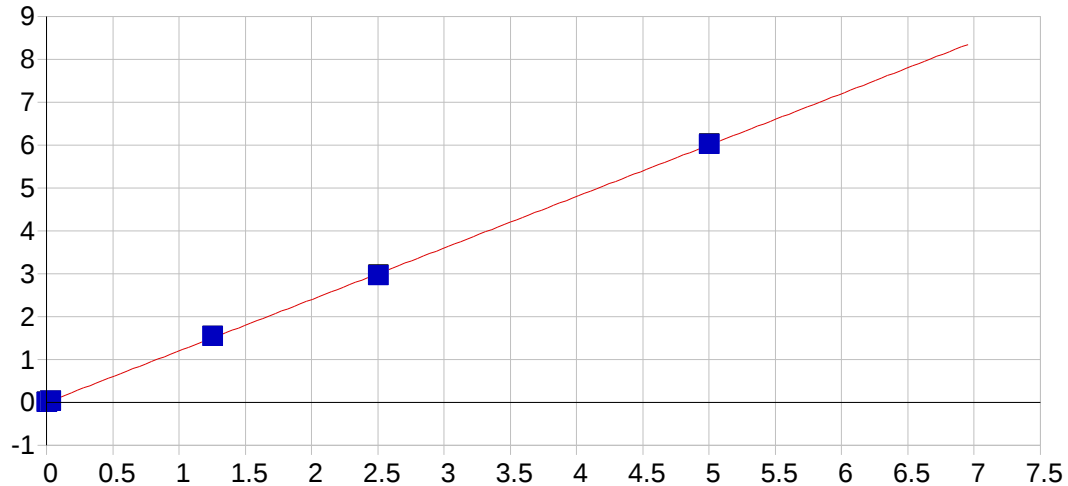
Date of Fit: 5/21/2019 16:19:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000145 Re-Slope: 1.000000
 A1 (Gain): 0.196919 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999849
 Std Error of Est: 0.000026
 Predicted MDL: 0.000431
 Predicted MQL: 0.001438

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00015	.000	1
S1	.01000	.01066	.001	6.56	.00196	.000	1
S3	.50000	.52017	.020	4.03	.10306	.000	1
S4	1.0000	1.0002	.000	.019	.19836	.000	1
S5	2.0000	1.9790	-.021	-1.05	.39265	.001	1



Co 228.616 {447}

Date of Fit: 5/21/2019 16:19:13

Type of Fit: Linear

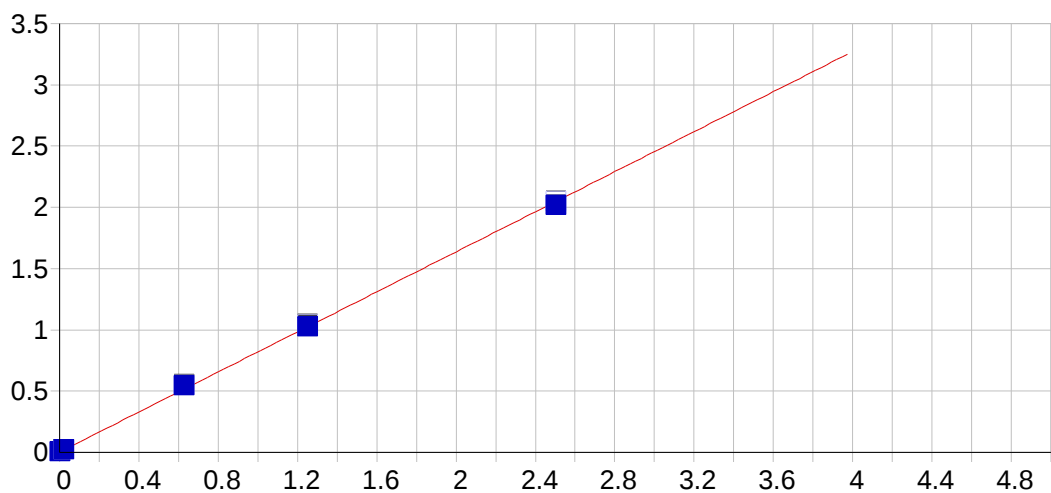
Weighting: 1/Conc

A0 (Offset): -0.000149
 A1 (Gain): 1.200574
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999940
 Std Error of Est: 0.000276
 Predicted MDL: 0.000205
 Predicted MQL: 0.000683

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	-.00015	.000	1
S1	.03000	.03052	.001	1.74	.03625	.000	1
S3	1.2500	1.2763	.026	2.11	1.5333	.005	1
S4	2.5000	2.4652	-.035	-1.39	2.9619	.001	1
S5	5.0000	5.0080	.008	.159	6.0170	.006	1

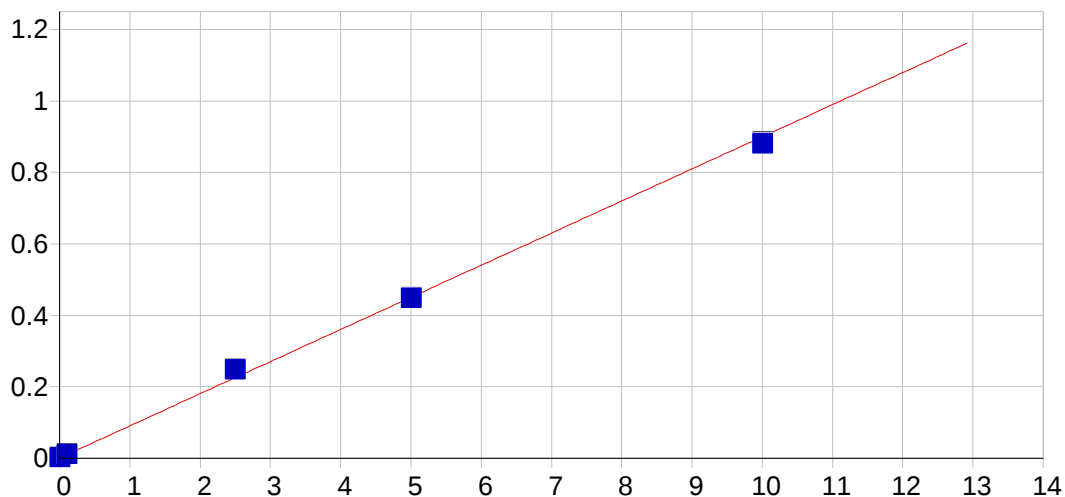


Cu 224.700 {450}

Date of Fit: 5/21/2019 16:19:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003036 Re-Slope: 1.000000
 A1 (Gain): 0.817042 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999669 Status: OK.
 Std Error of Est: 0.000259
 Predicted MDL: 0.000369
 Predicted MQL: 0.001231

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00303	.000	1
S1	.02000	.02277	.003	13.9	.02189	.000	1
S3	.62500	.66056	.036	5.69	.55100	.001	1
S4	1.2500	1.2504	.000	.032	1.0412	.005	1
S5	2.5000	2.4613	-.039	-1.55	2.0470	.002	1



Fe 240.488 {140}

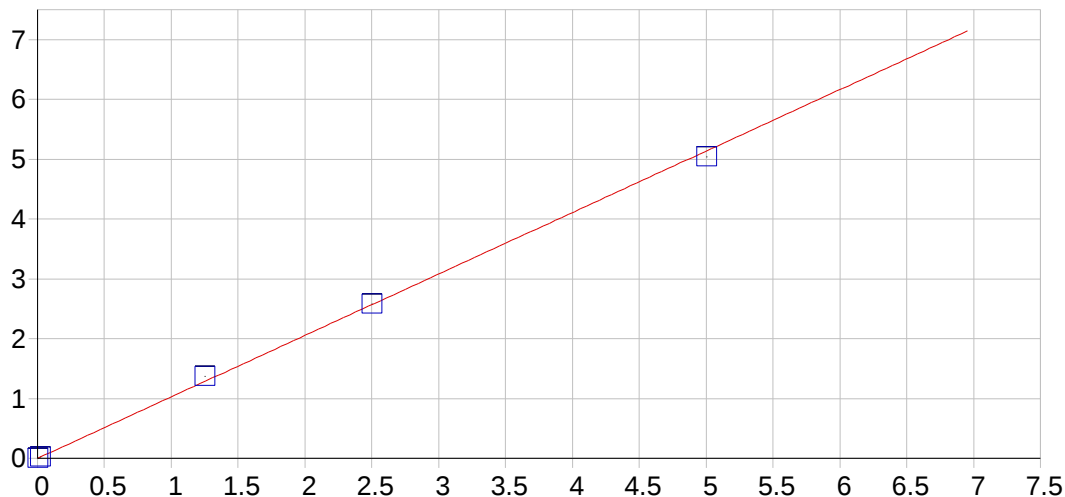
Date of Fit: 5/21/2019 16:19:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001007 Re-Slope: 1.000000
 A1 (Gain): 0.089864 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999169
 Std Error of Est: 0.000199
 Predicted MDL: 0.000720
 Predicted MQL: 0.002400

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00101	.000	1
S1	.10000	.11081	.011	10.8	.01101	.000	1
S3	2.5000	2.7413	.241	9.65	.24819	.000	1
S4	5.0000	4.9680	-.032	-.640	.44913	.000	1
S5	10.000	9.7799	-.220	-2.20	.88322	.001	1



Mn 257.610 {131}

Date of Fit: 5/21/2019 16:19:13

Type of Fit: Linear

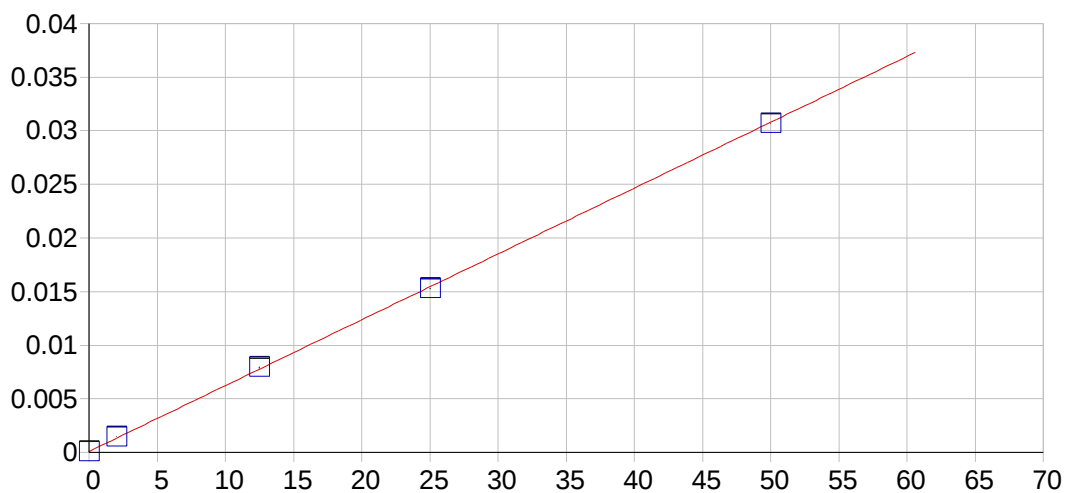
Weighting: 1/Conc

A0 (Offset): 0.000546
 A1 (Gain): 1.027337
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999567
 Std Error of Est: 0.000517
 Predicted MDL: 0.000070
 Predicted MQL: 0.000233

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	.00054	.000	1
S1	.02000	.02389	.004	19.5	.02509	.000	1
S3	1.2500	1.3301	.080	6.41	1.3670	.003	1
S4	2.5000	2.5080	.008	.319	2.5771	.000	1
S5	5.0000	4.9081	-.092	-1.84	5.0428	.001	1

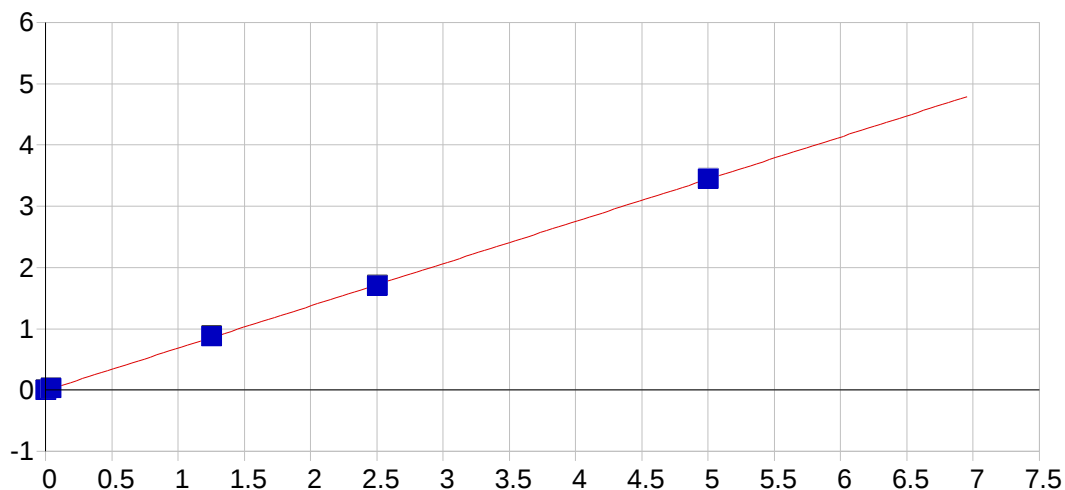


Mg 279.079 {121}

Date of Fit: 5/21/2019 16:19:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000089 Re-Slope: 1.000000
 A1 (Gain): 0.000614 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999796 Status: OK.
 Std Error of Est: 0.000007
 Predicted MDL: 0.047431
 Predicted MQL: 0.158104

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.2363	.236	11.8	.00146	.000	1
S0	.00000	-.00025	-.000	.000	.00009	.000	1
S3	12.500	12.743	.243	1.94	.00791	.000	1
S4	25.000	24.724	-.276	-1.10	.01527	.000	1
S5	50.000	49.796	-.204	-.407	.03067	.000	1



Ni 231.604 {445}

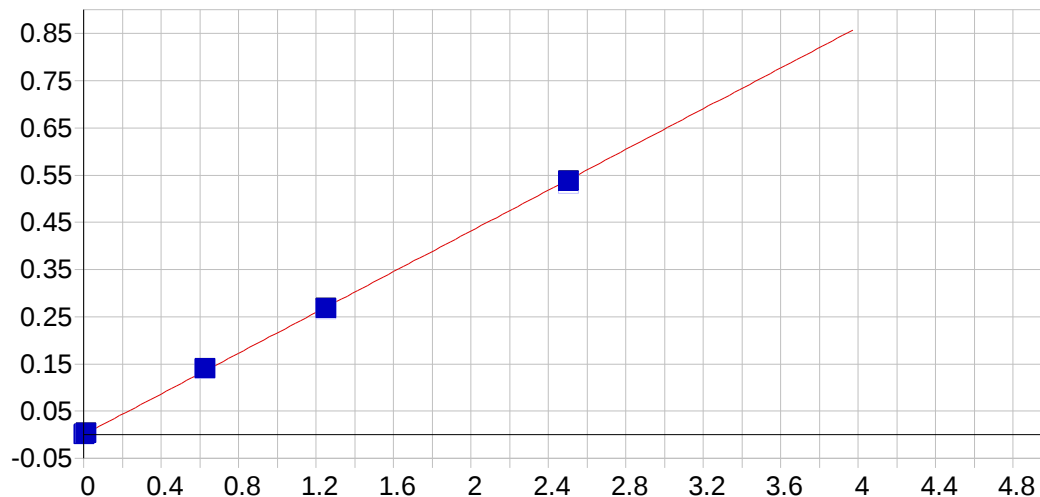
Date of Fit: 5/21/2019 16:19:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.006717 Re-Slope: 1.000000
 A1 (Gain): 0.689736 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999950
 Std Error of Est: 0.000167
 Predicted MDL: 0.000377
 Predicted MQL: 0.001257

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00672	.000	1
S1	.04000	.04195	.002	4.87	.02223	.000	1
S3	1.2500	1.2740	.024	1.92	.87293	.003	1
S4	2.5000	2.4715	-.029	-1.14	1.6998	.003	1
S5	5.0000	5.0026	.003	.052	3.4475	.004	1



Ag 328.068 {103}

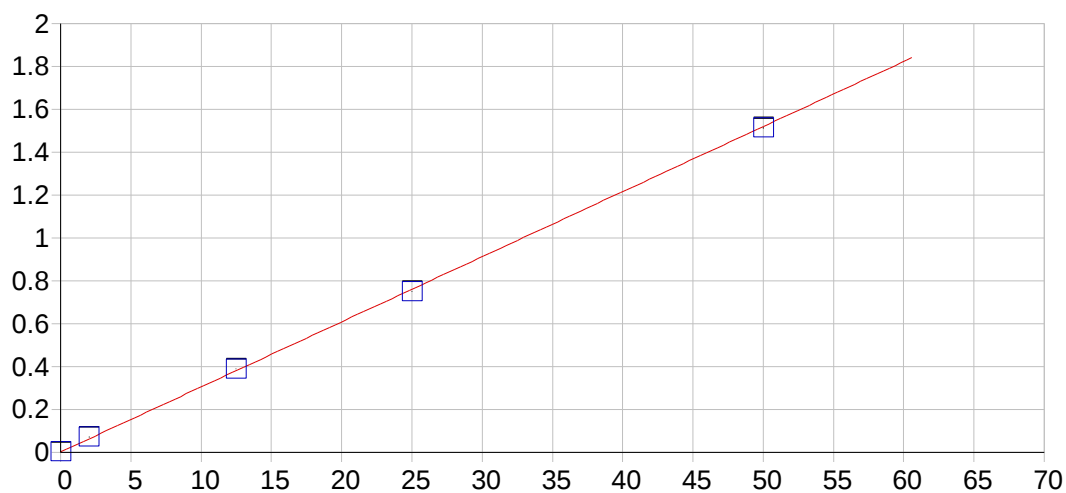
Date of Fit: 5/21/2019 16:19:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000070
 A1 (Gain): 0.215894
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999864
 Std Error of Est: 0.000030
 Predicted MDL: 0.000588
 Predicted MQL: 0.001961

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00007	.000	1
S1	.01000	.01100	.001	10.0	.00226	.000	1
S3	.62500	.64866	.024	3.79	.13844	.000	1
S4	1.2500	1.2398	-.010	-.820	.26451	.000	1
S5	2.5000	2.4856	-.014	-.576	.53041	.001	1

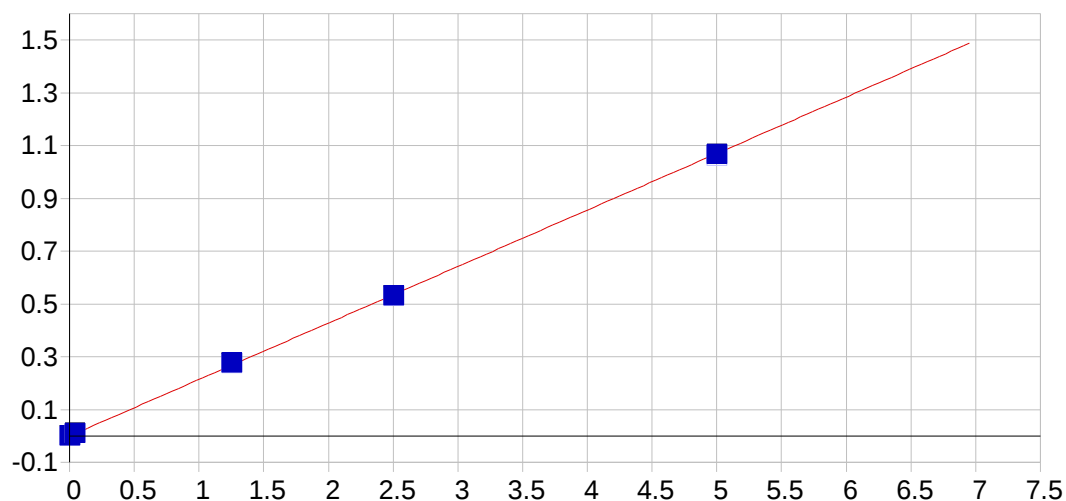


Na 589.592 { 57}

Date of Fit: 5/21/2019 16:19:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001725 Re-Slope: 1.000000
 A1 (Gain): 0.030360 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999718 Status: OK.
 Std Error of Est: 0.000393
 Predicted MDL: 0.008362
 Predicted MQL: 0.027874

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.2788	.279	13.9	.07091	.000	1
S0	.00000	-.00028	-.000	.000	.00172	.000	1
S3	12.500	12.765	.265	2.12	.38928	.003	1
S4	25.000	24.638	-.362	-1.45	.74975	.002	1
S5	50.000	49.818	-.182	-.364	1.5142	.004	1



V 292.402 {115}

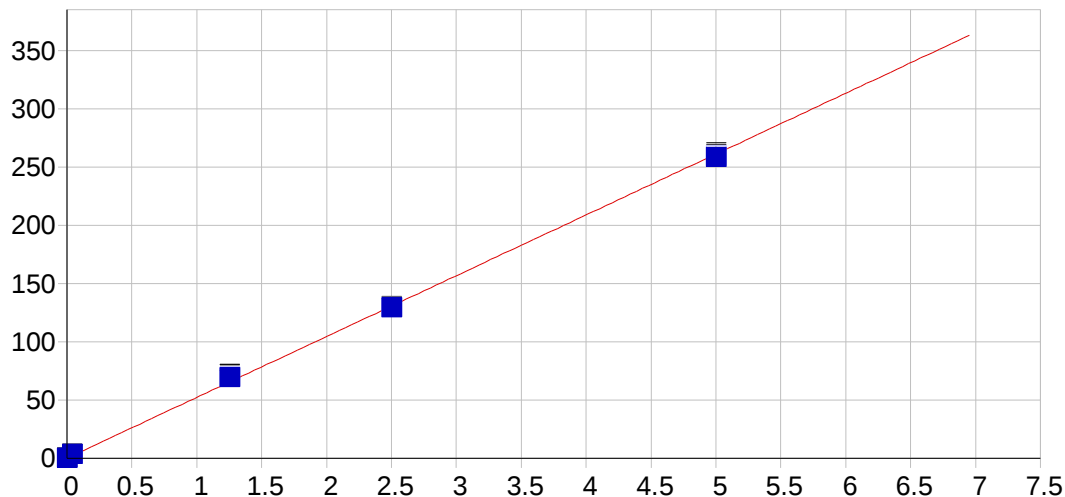
Date of Fit: 5/21/2019 16:19:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000251 Re-Slope: 1.000000
 A1 (Gain): 0.214049 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999915
 Std Error of Est: 0.000067
 Predicted MDL: 0.000458
 Predicted MQL: 0.001528

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00025	.000	1
S1	.04000	.04246	.002	6.15	.00870	.000	1
S3	1.2500	1.2870	.037	2.96	.27348	.000	1
S4	2.5000	2.4804	-.020	-.783	.52718	.001	1
S5	5.0000	4.9801	-.020	-.397	1.0587	.001	1



Zn 206.200 {163}

Date of Fit: 5/21/2019 16:19:13

Type of Fit: Linear

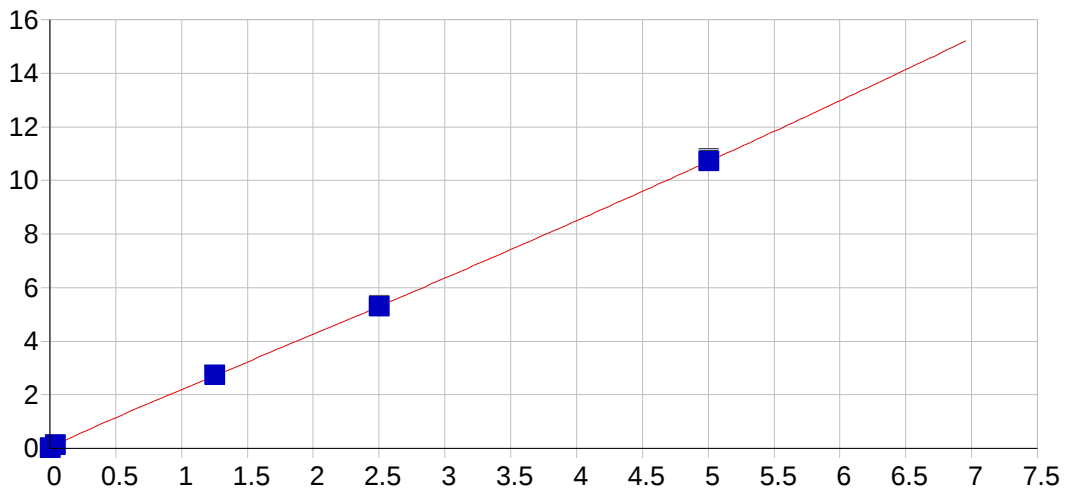
Weighting: 1/Conc

A0 (Offset): 0.101926
 A1 (Gain): 52.195366
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999283
 Std Error of Est: 0.048132
 Predicted MDL: 0.000453
 Predicted MQL: 0.001510

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.10095	.047	1
S1	.04000	.05730	.017	43.3	3.1064	.086	1
S3	1.2500	1.3225	.072	5.80	69.524	2.48	1
S4	2.5000	2.4701	-.030	-1.20	129.82	.615	1
S5	5.0000	4.9401	-.060	-1.20	259.53	2.31	1

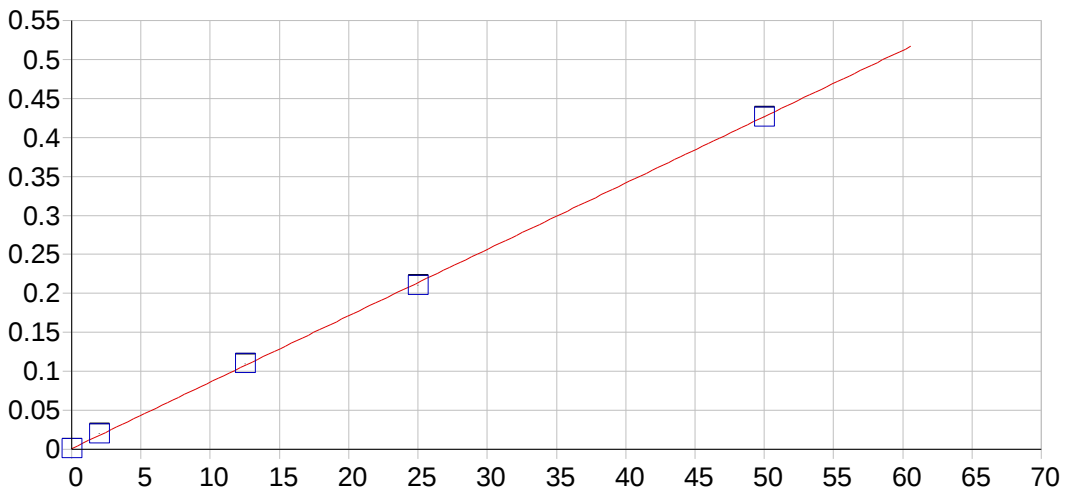


Zn 213.856 {458}

Date of Fit: 5/21/2019 16:19:13 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset): 0.004179 Re-Slope: 1.000000
 A1 (Gain): 2.103326 Y-int: 0.000000
 A2 (Curvature): 0.085425
 n (Exponent): 0.910000
 Correlation: 0.999995 Status: Warning Positive Curvature
 Std Error of Est: 0.000273
 Predicted MDL: 0.000090
 Predicted MQL: 0.000301

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00418	.000	1
S1	.04000	.04028	.000	.692	.11812	.000	1
S3	1.2500	1.2562	.006	.497	2.7389	.005	1
S4	2.5000	2.4890	-.011	-.441	5.3095	.005	1
S5	5.0000	5.0040	.004	.080	10.777	.009	1



K 766.490 {44}

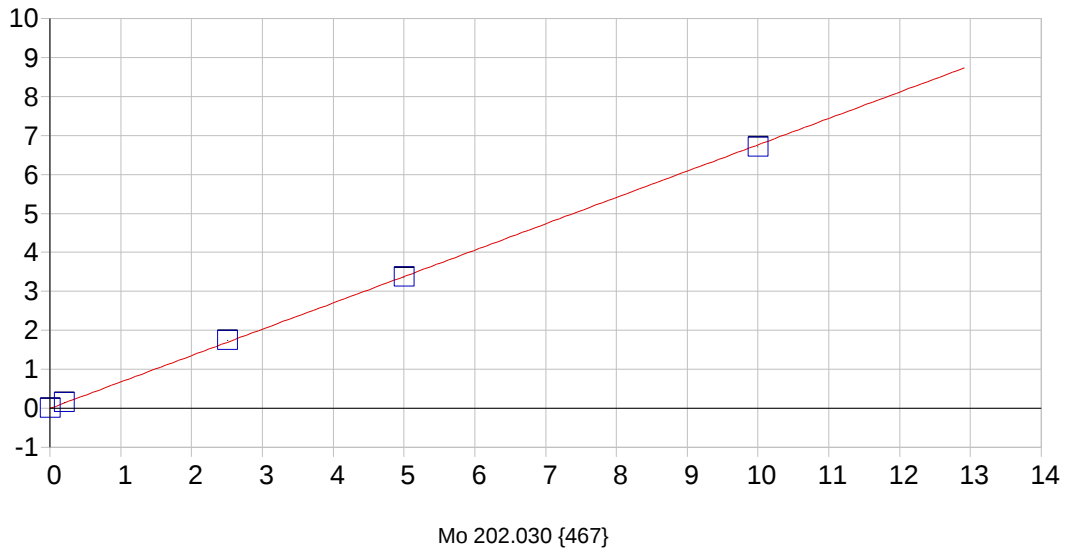
Date of Fit: 5/21/2019 16:19:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000965 Re-Slope: 1.000000
 A1 (Gain): 0.008515 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999806
 Std Error of Est: 0.000091
 Predicted MDL: 0.032226
 Predicted MQL: 0.107419

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.2128	.213	10.6	.01981	.000	1
S0	.00000	-.00022	-.000	.000	.00096	.000	1
S3	12.500	12.760	.260	2.08	.10961	.001	1
S4	25.000	24.597	-.403	-1.61	.21040	.001	1
S5	50.000	49.930	-.070	-.139	.42610	.000	1

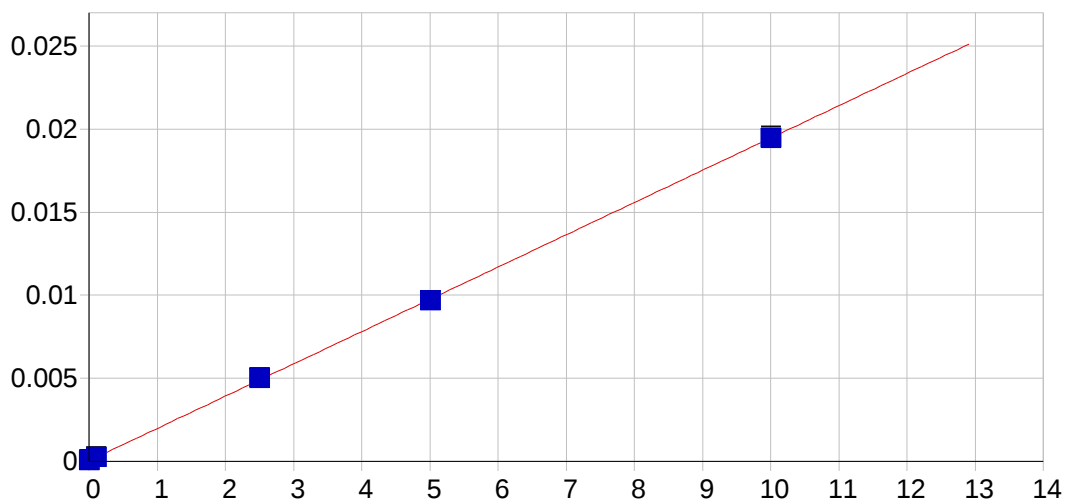


Date of Fit: 5/21/2019 16:19:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000387 Re-Slope: 1.000000
 A1 (Gain): 0.676123 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999840
 Std Error of Est: 0.000928
 Predicted MDL: 0.000281
 Predicted MQL: 0.000937

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	-.00040	.000	1
S1	.20000	.21993	.020	9.96	.14831	.000	1
S3	2.5000	2.5853	.085	3.41	1.7476	.002	1
S4	5.0000	4.9731	-.027	-.538	3.3621	.008	1
S5	10.000	9.9217	-.078	-.783	6.7079	.003	1

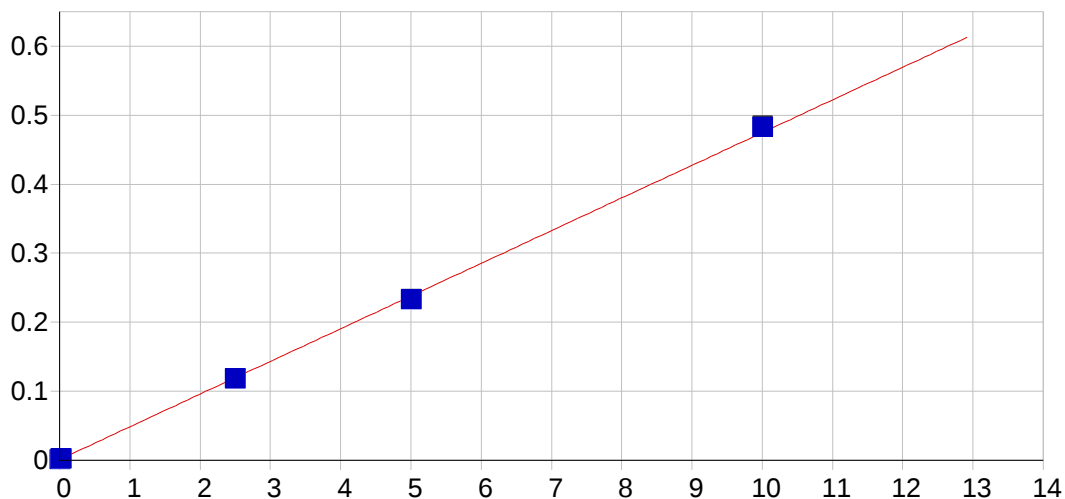


B 249.678 {135}

Date of Fit: 5/21/2019 16:19:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000039 Re-Slope: 1.000000
 A1 (Gain): 0.001942 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999962 Status: OK.
 Std Error of Est: 0.000001
 Predicted MDL: 0.013067
 Predicted MQL: 0.043557

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00004	.000	1
S1	.10000	.10011	.000	.112	.00023	.000	1
S3	2.5000	2.5481	.048	1.92	.00498	.000	1
S4	5.0000	4.9545	-.046	-.910	.00964	.000	1
S5	10.000	9.9973	-.003	-.027	.01941	.000	1



S 182.034 {485}

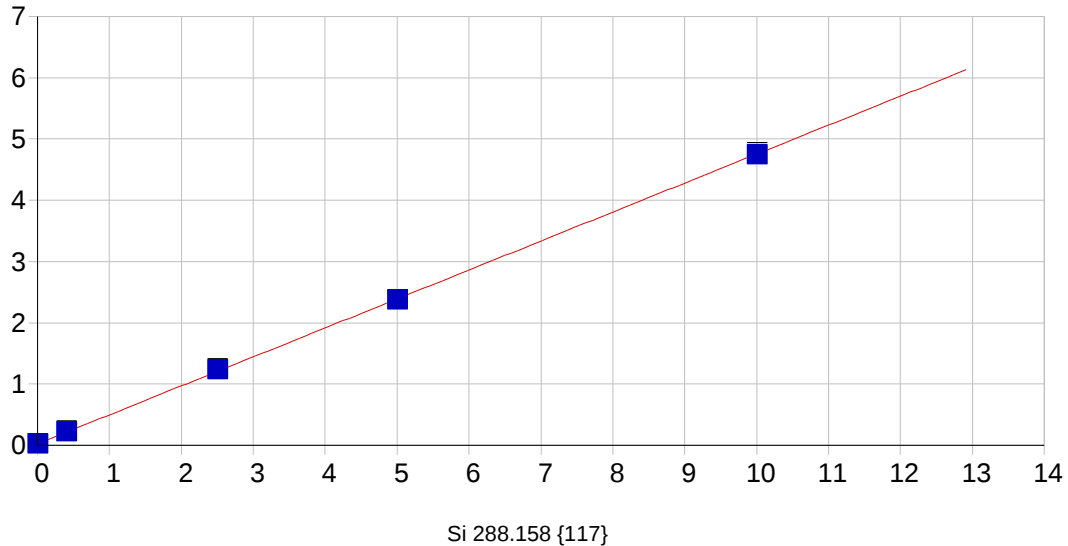
Date of Fit: 5/21/2019 16:19:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001226 Re-Slope: 1.000000
 A1 (Gain): 0.047353 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999824
 Std Error of Est: 0.000021
 Predicted MDL: 0.002653
 Predicted MQL: 0.008845

Status: OK.

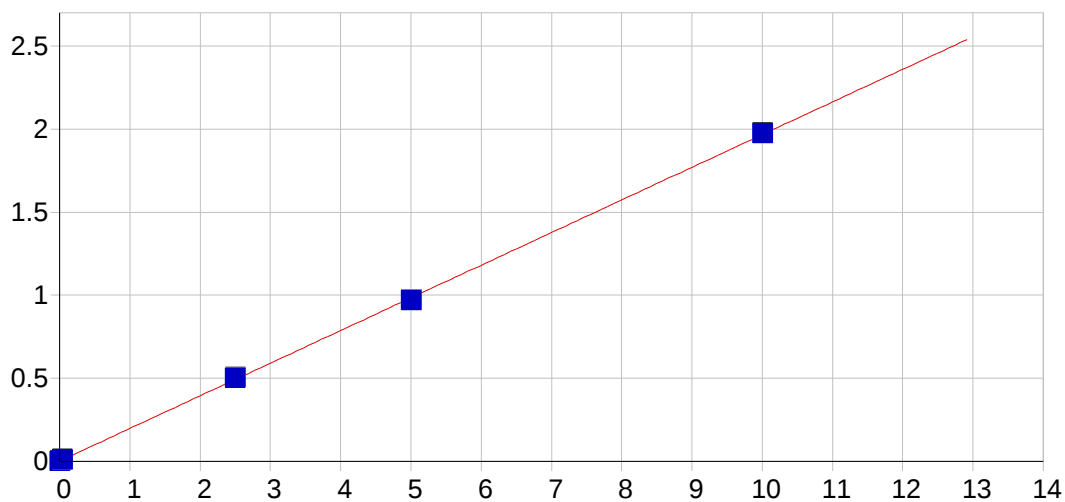
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00123	.000	1
S1	.02000	.02080	.001	4.01	.00218	.000	1
S3	2.5000	2.4581	-.042	-1.68	.11749	.000	1
S4	5.0000	4.8807	-.119	-2.39	.23208	.000	1
S5	10.000	10.160	.160	1.60	.48183	.002	1



Date of Fit: 5/21/2019 16:19:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.024138 Re-Slope: 1.000000
 A1 (Gain): 0.472923 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999925 Status: OK.
 Std Error of Est: 0.000633
 Predicted MDL: 0.002292
 Predicted MQL: 0.007640

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.02413	.001	1
S1	.40000	.42282	.023	5.71	.22394	.001	1
S3	2.5000	2.5489	.049	1.96	1.2290	.011	1
S4	5.0000	4.9593	-.041	-.815	2.3682	.006	1
S5	10.000	9.9690	-.031	-.310	4.7362	.038	1

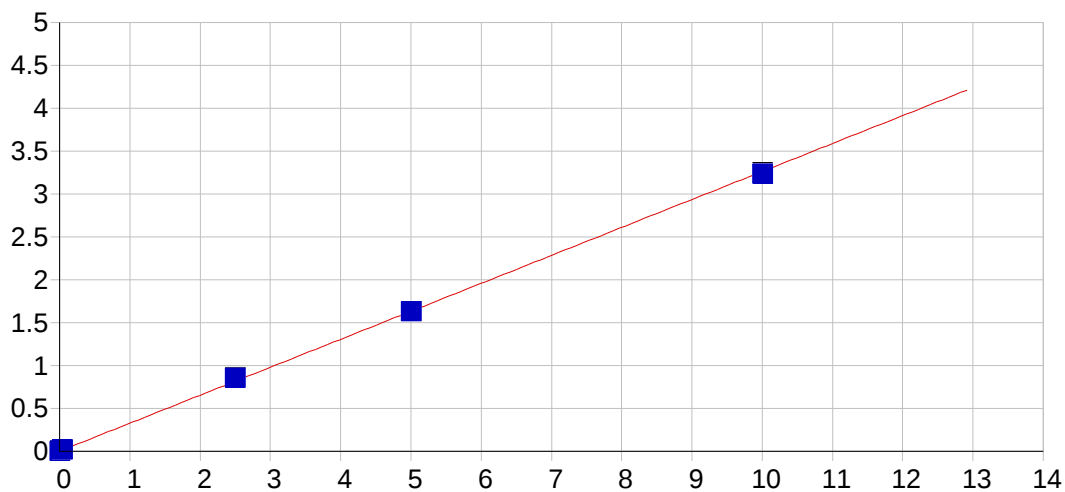


Sn 189.989 {477}

Date of Fit: 5/21/2019 16:19:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001751 Re-Slope: 1.000000
 A1 (Gain): 0.196464 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999935 Status: OK.
 Std Error of Est: 0.000077
 Predicted MDL: 0.000661
 Predicted MQL: 0.002203

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00175	.000	1
S1	.04000	.04001	.000	.030	.00961	.000	1
S3	2.5000	2.5493	.049	1.97	.50269	.001	1
S4	5.0000	4.9216	-.078	-1.57	.96883	.002	1
S5	10.000	10.029	.029	.291	1.9724	.002	1



Ti 336.121 {100}

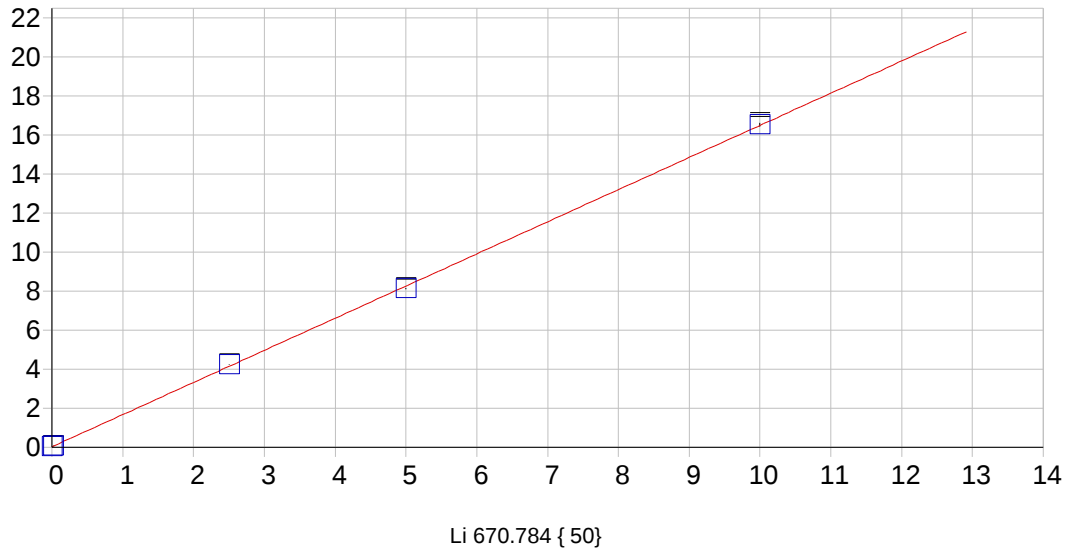
Date of Fit: 5/21/2019 16:19:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001800 Re-Slope: 1.000000
 A1 (Gain): 0.326083 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999803
 Std Error of Est: 0.000221
 Predicted MDL: 0.001762
 Predicted MQL: 0.005873

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00180	.000	1
S1	.04000	.04520	.005	13.0	.01653	.001	1
S3	2.5000	2.6132	.113	4.53	.85380	.003	1
S4	5.0000	4.9844	-.016	-.313	1.6269	.001	1
S5	10.000	9.8973	-.103	-1.03	3.2287	.018	1

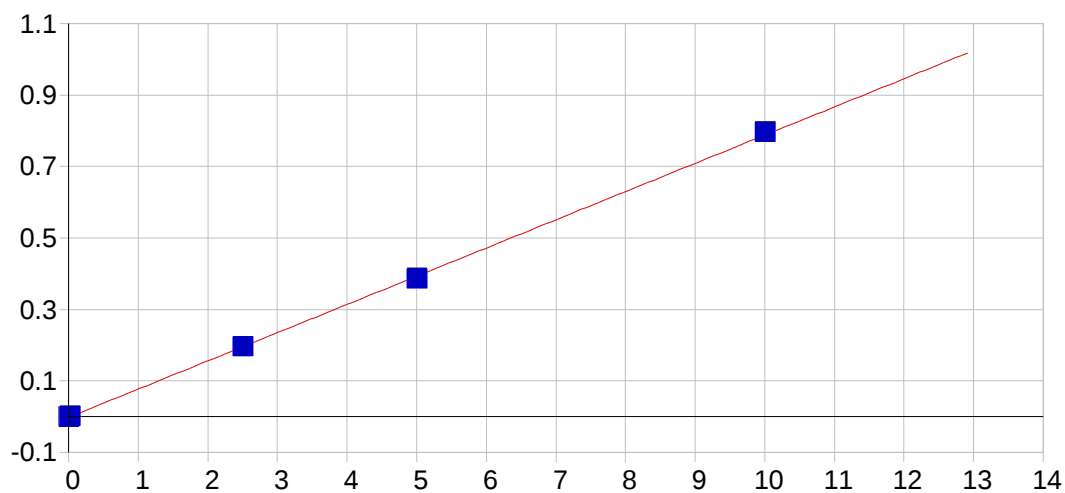


Date of Fit: 5/21/2019 16:19:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.027575 Re-Slope: 1.000000
 A1 (Gain): 1.647313 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999928
 Std Error of Est: 0.000478
 Predicted MDL: 0.001666
 Predicted MQL: 0.005554

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.02757	.001	1
S1	.02000	.02221	.002	11.1	.06417	.001	1
S3	2.5000	2.5543	.054	2.17	4.2352	.020	1
S4	5.0000	4.9266	-.073	-1.47	8.1432	.030	1
S5	10.000	10.017	.017	.169	16.529	.093	1

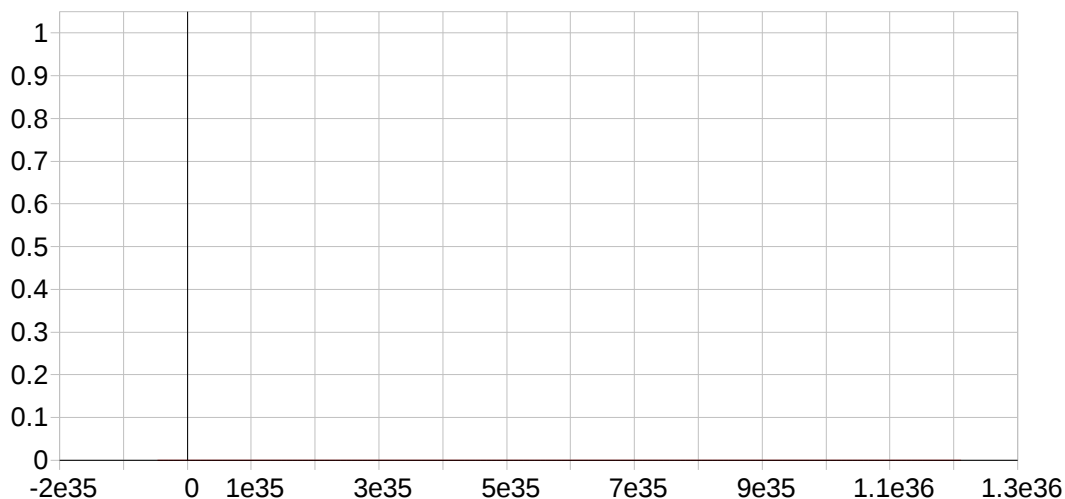


P 177.495 {490}

Date of Fit: 5/21/2019 16:19:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001906 Re-Slope: 1.000000
 A1 (Gain): 0.078971 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999905 Status: OK.
 Std Error of Est: 0.000026
 Predicted MDL: 0.001565
 Predicted MQL: 0.005218

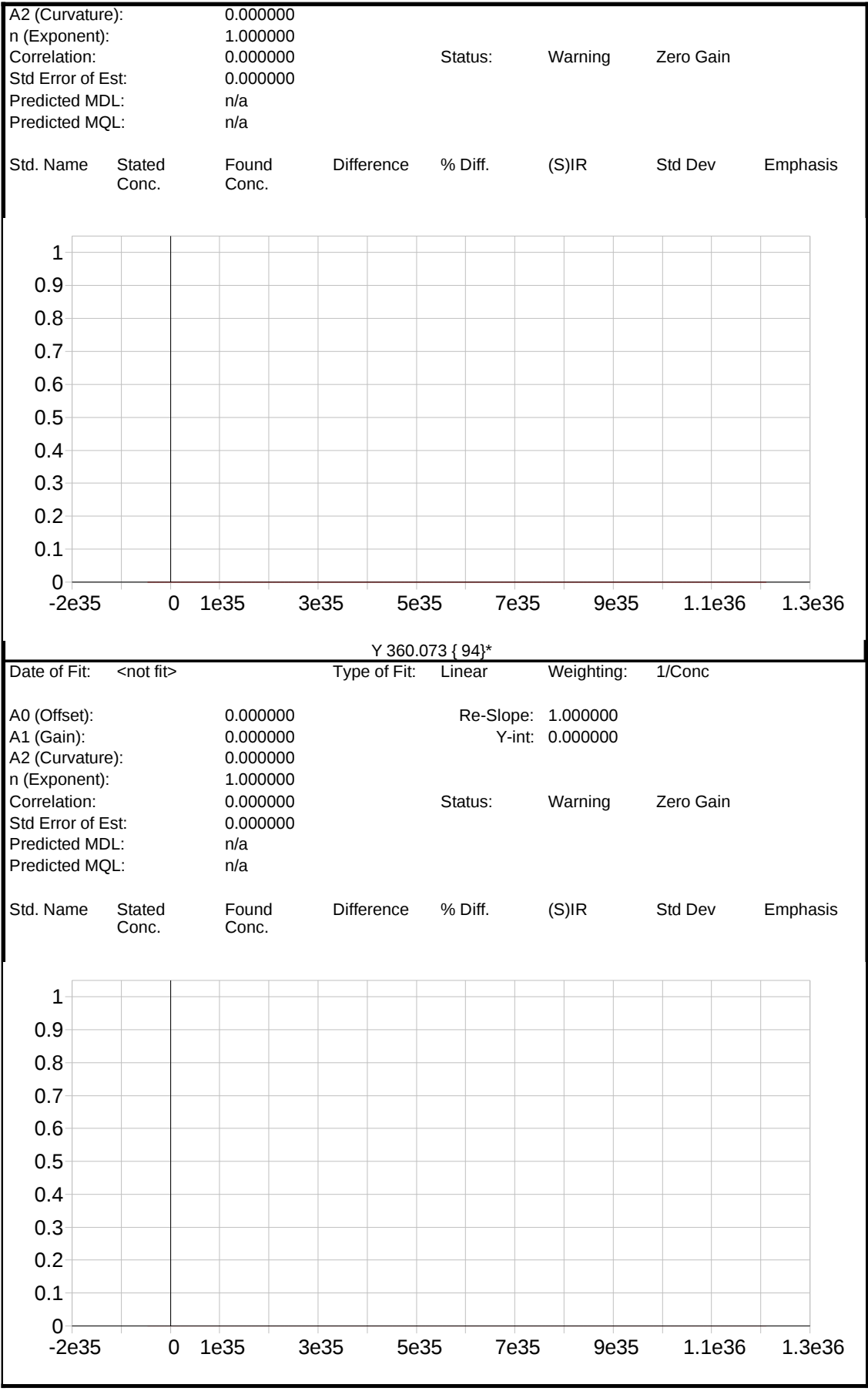
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00191	.000	1
S1	.02000	.01951	-.000	-2.44	-.00037	.000	1
S3	2.5000	2.5015	.001	.059	.19535	.000	1
S4	5.0000	4.8944	-.106	-2.11	.38404	.002	1
S5	10.000	10.105	.105	1.05	.79492	.000	1

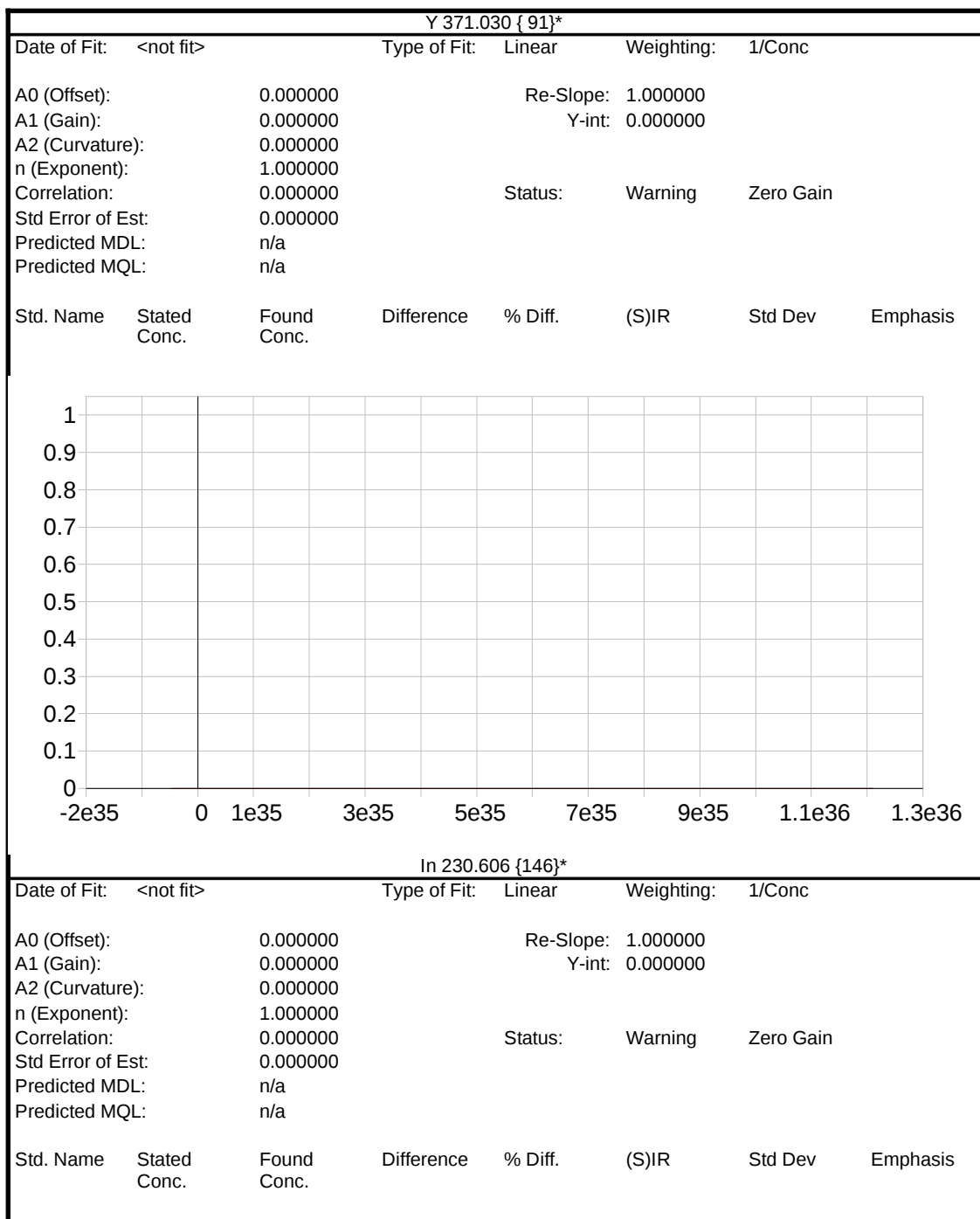


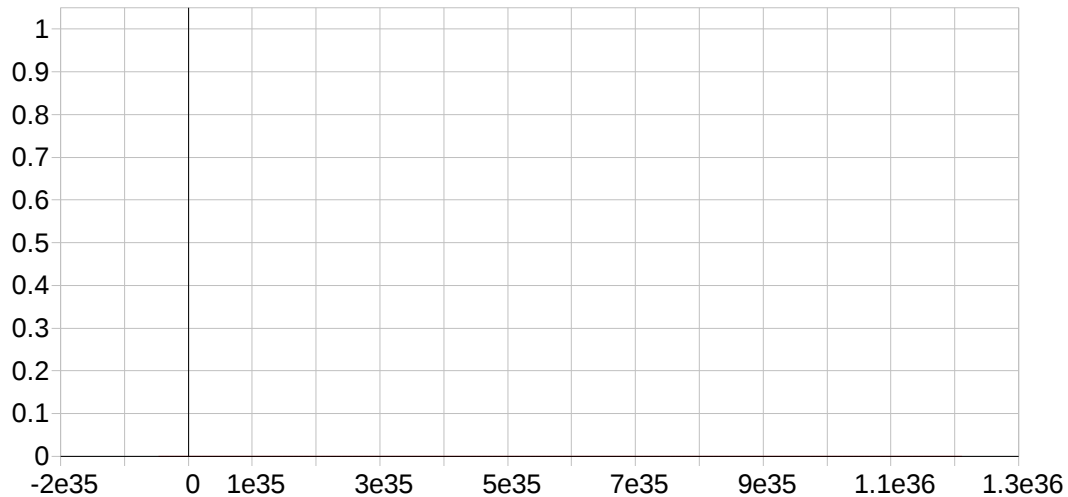
Y 224.306 {450}*

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

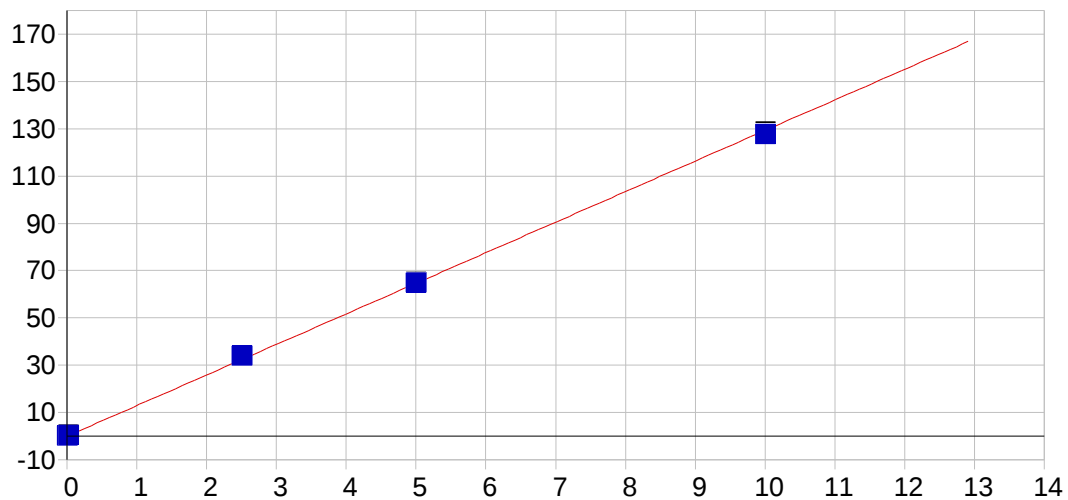
Status: Warning Zero Gain

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: 5/21/2019 16:19:13

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.005765

Re-Slope: 1.000000

A1 (Gain): 12.926872

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999808

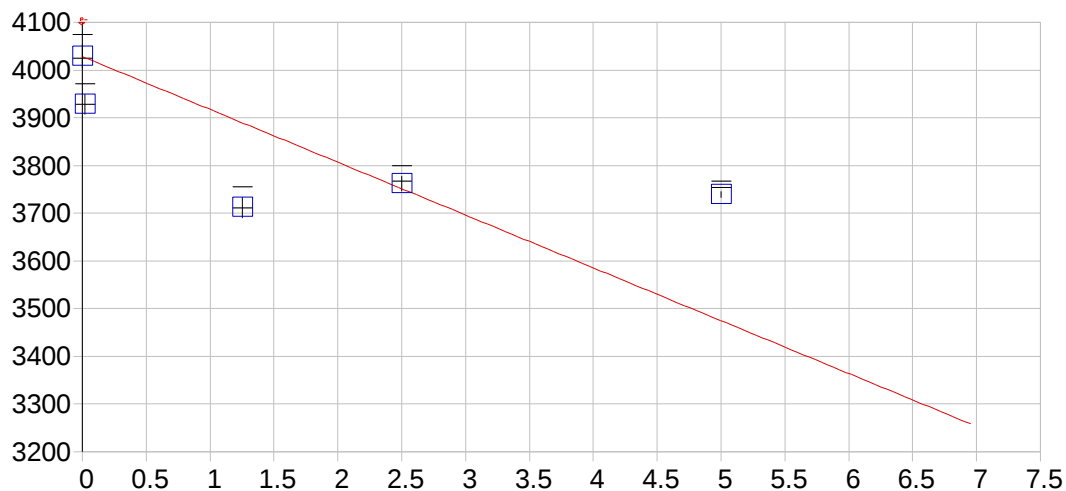
Status: OK.

Std Error of Est: 0.006129

Predicted MDL: 0.000087

Predicted MQL: 0.000289

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00580	.001	1
S1	.02000	.02194	.002	9.70	.27927	.001	1
S3	2.5000	2.6107	.111	4.43	33.778	.131	1
S4	5.0000	5.0145	.014	.290	64.887	.149	1
S5	10.000	9.8728	-.127	-1.27	127.76	.820	1

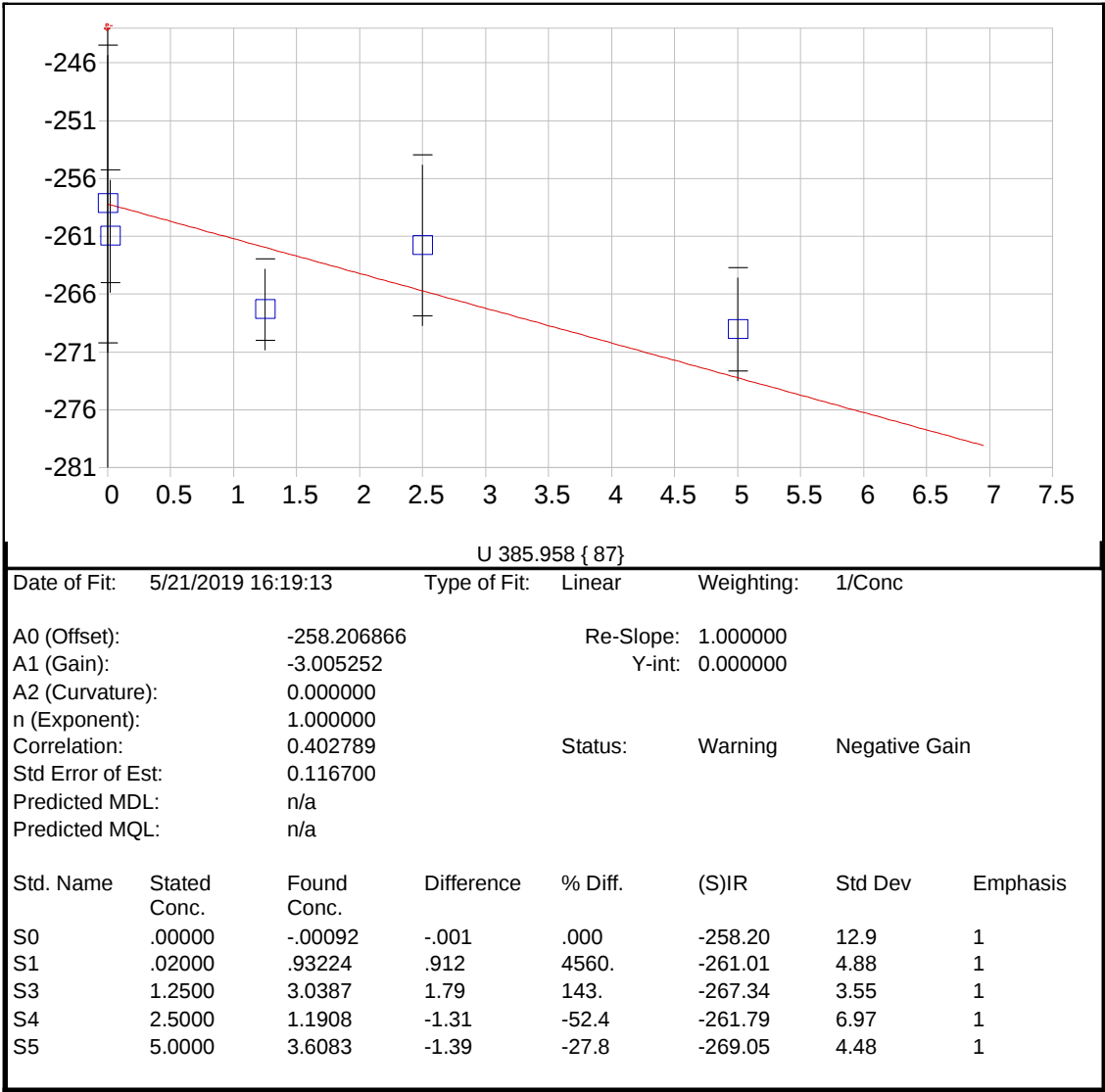


U 367.007 { 92 }

Date of Fit: 5/21/2019 16:19:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 4028.230841 Re-Slope: 1.000000
A1 (Gain): -110.705165 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.415510 Status: Warning Negative Gain
Std Error of Est: 4.141329
Predicted MDL: n/a
Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00090	-.001	.000	4028.3	24.6	1
S1	.02000	.90056	.881	4400.	3928.5	21.2	1
S3	1.2500	2.8572	1.61	129.	3711.9	22.3	1
S4	2.5000	2.4055	-.095	-3.78	3761.9	16.6	1
S5	5.0000	2.6068	-2.39	-47.9	3739.6	6.91	1



Sample Name: S0 Acquired: 5/21/2019 11:33:24 Type: Cal
Method: P4-ICP2(v3136) 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	-.00017	.00002	.00221	-.00006	.00026	.00071	.00119	.00013
Stddev	.00004	.00020	.00029	.00009	.00018	.00005	.00022	.00004
%RSD	25.649	1125.2	13.334	162.68	68.543	7.1441	18.454	29.807

#1	-.00016	-.00016	.00254	-.00001	.00006	.00066	.00103	.00015
#2	-.00022	.00023	.00200	.00001	.00031	.00071	.00110	.00009
#3	-.00014	-.00001	.00208	-.00016	.00042	.00076	.00144	.00016

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	-.00035	.00131	-.00015	-.00015	.00303	.00101	.00054	.00009
Stddev	.00028	.00073	.00002	.00029	.00009	.00005	.00002	.00001
%RSD	80.420	55.939	13.266	195.10	3.1293	5.2730	2.8230	12.628

#1	-.00003	.00215	-.00014	.00009	.00296	.00094	.00054	.00008
#2	-.00051	.00083	-.00013	-.00047	.00314	.00103	.00053	.00009
#3	-.00053	.00095	-.00017	-.00007	.00300	.00104	.00056	.00010

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	-.00672	-.00007	.00172	-.00025	.00418	.00096	-.00040	.00004
Stddev	.00011	.00003	.00032	.00001	.00033	.00014	.00002	.00003
%RSD	1.6565	39.295	18.714	3.2767	7.8069	15.031	3.9366	68.507

#1	-.00672	-.00004	.00140	-.00026	.00449	.00082	-.00039	.00002
#2	-.00661	-.00008	.00170	-.00025	.00420	.00111	-.00042	.00003
#3	-.00683	-.00009	.00204	-.00025	.00384	.00096	-.00040	.00007

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	.00123	.02413	.00175	.00180	.02757	-.0019	-.00580	4028.3
Stddev	.00009	.00066	.00000	.00037	.00102	.0000	.00105	24.6
%RSD	7.1476	2.7506	.13420	20.710	3.6870	.2706	18.084	.61160

#1	.00129	.02339	.00175	.00189	.02640	-.0019	-.00698	4002.4
#2	.00113	.02469	.00175	.00139	.02817	-.0019	-.00496	4031.1
#3	.00126	.02429	.00175	.00211	.02815	-.0019	-.00546	4051.4

Sample Name: S0 Acquired: 5/21/2019 11:33:24 Type: Cal
Method: P4-ICP2(v3136) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-258.20
Stddev	12.86
%RSD	4.9803

#1	-272.56
#2	-247.75
#3	-254.30

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3885.3	48893.	4415.2	53.239	4093.0
Stddev	14.1	101.	17.4	1.136	6.9
%RSD	.36382	.20620	.39502	2.1334	.16906

#1	3874.7	48839.	4395.4	54.464	4085.2
#2	3879.7	48831.	4421.9	53.032	4098.3
#3	3901.3	49009.	4428.3	52.220	4095.5

Sample Name: S1 Acquired: 5/21/2019 11:37:50 Type: Cal
Method: P4-ICP2(v3136) 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	.00088	.00540	.00505	.00135	.00770	.00167	.04000	.00640
Stddev	.00012	.00021	.00027	.00014	.00016	.00002	.00042	.00012
%RSD	14.014	3.8985	5.2716	10.231	2.0447	1.2705	1.0479	1.8865

#1	.00080	.00546	.00534	.00119	.00758	.00169	.03980	.00631
#2	.00081	.00517	.00483	.00144	.00764	.00167	.04048	.00653
#3	.00102	.00558	.00497	.00142	.00788	.00164	.03972	.00635

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	.02700	.00196	.03625	.02189	.01101	.02509	.02223	.00226
Stddev	.00025	.00005	.00026	.00003	.00001	.00012	.00022	.00006
%RSD	.91466	2.7144	.71666	.13982	.06893	.46024	.99972	2.6785

#1	.02719	.00203	.03618	.02190	.01101	.02510	.02214	.00222
#2	.02709	.00193	.03604	.02192	.01100	.02521	.02248	.00233
#3	.02672	.00194	.03654	.02186	.01102	.02498	.02207	.00224

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	.00870	.11812	.14831	.00023	.00218	.22394	.00961	.01653
Stddev	.00005	.00024	.00045	.00005	.00003	.00144	.00028	.00055
%RSD	.61498	.20494	.30415	20.998	1.4072	.64335	2.9159	3.2994

#1	.00864	.11819	.14876	.00023	.00222	.22317	.00974	.01591
#2	.00872	.11786	.14831	.00019	.00216	.22306	.00929	.01693
#3	.00875	.11833	.14786	.00028	.00217	.22561	.00981	.01675

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.06417	-.0004	.27927	3928.5	-261.01
Stddev	.00076	.0000	.00057	21.2	4.88
%RSD	1.1778	6.474	.20345	.53952	1.8712

#1	.06368	-.0003	.27879	3913.4	-261.10
#2	.06378	-.0004	.27912	3919.5	-256.08
#3	.06504	-.0004	.27990	3952.7	-265.85

Sample Name: S1 Acquired: 5/21/2019 11:37:50 Type: Cal
Method: P4-ICP2(v3136) 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	3889.7	49329.	4515.5	53.042	4056.5
Stddev	9.6	25.	3.6	.673	14.0
%RSD	.24630	.05059	.08028	1.2686	.34529
#1	3879.0	49329.	4516.7	53.509	4043.3
#2	3892.6	49353.	4518.3	53.345	4071.2
#3	3897.5	49303.	4511.4	52.270	4054.8

Sample Name: S2 Acquired: 5/21/2019 11:42:22 Type: Cal
Method: P4-ICP2(v3136) 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	.13210	.00146	.07091	.01981
Stddev	.00034	.00003	.00038	.00033
%RSD	.25812	1.9881	.53049	1.6538

#1	.13232	.00144	.07087	.02001
#2	.13226	.00146	.07056	.01943
#3	.13170	.00149	.07131	.01998

Int. Std.	Y_3600	Y_3710
Units	Cts/S	Cts/S
Avg	49586.	4510.8
Stddev	152.	26.1
%RSD	.30624	.57916

#1	49412.	4515.2
#2	49695.	4482.8
#3	49650.	4534.5

Sample Name: S3 Acquired: 5/21/2019 11:46:38 Type: Cal
Method: P4-ICP2(v3136) 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	.12146	.32811	.59472	.15407	.35787	.04535	1.8375	.12267
Stddev	.00019	.00148	.00166	.00072	.00093	.00011	.0124	.00025
%RSD	.15304	.45024	.27955	.46702	.25927	.24161	.67270	.20144

#1	.12124	.32965	.59580	.15414	.35705	.04540	1.8414	.12285
#2	.12153	.32671	.59280	.15476	.35888	.04522	1.8236	.12276
#3	.12159	.32798	.59555	.15332	.35769	.04543	1.8474	.12238

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	5.5150	.71836	.10306	1.5333	.55100	.24819	1.3670	.00791
Stddev	.0160	.00256	.00025	.0048	.00058	.00043	.0026	.00008
%RSD	.29012	.35702	.24198	.31089	.10529	.17326	.18802	.95235

#1	5.5270	.71539	.10317	1.5372	.55073	.24862	1.3665	.00792
#2	5.4968	.71989	.10278	1.5280	.55166	.24819	1.3647	.00783
#3	5.5211	.71978	.10323	1.5349	.55060	.24776	1.3698	.00798

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	.87293	.13844	.38928	.27348	2.7389	.10961	1.7476	.00498
Stddev	.00279	.00005	.00260	.00045	.0050	.00058	.0017	.00003
%RSD	.31907	.03622	.66900	.16538	.18060	.53060	.09747	.54498

#1	.87420	.13842	.39025	.27382	2.7435	.10997	1.7463	.00496
#2	.86974	.13840	.38633	.27366	2.7336	.10894	1.7495	.00496
#3	.87486	.13849	.39126	.27297	2.7395	.10991	1.7469	.00501

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	.11749	1.2290	.50269	.85380	4.2352	.1954	33.778	3711.9
Stddev	.00025	.0111	.00110	.00282	.0204	.0002	.131	22.3
%RSD	.21318	.90645	.21826	.33059	.48212	.0887	.38783	.60174

#1	.11730	1.2252	.50394	.85088	4.2142	.1953	33.633	3686.1
#2	.11740	1.2415	.50187	.85651	4.2550	.1955	33.814	3724.1
#3	.11778	1.2202	.50226	.85401	4.2365	.1952	33.887	3725.5

Sample Name: S3 Acquired: 5/21/2019 11:46:38 Type: Cal
Method: P4-ICP2(v3136) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-267.34
Stddev	3.55
%RSD	1.3267

#1	-270.78
#2	-267.54
#3	-263.69

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3802.6	48552.	4538.2	52.053	3781.4
Stddev	12.1	191.	23.5	1.638	16.1
%RSD	.31841	.39382	.51863	3.1475	.42495

#1	3795.3	48332.	4547.3	51.687	3763.1
#2	3796.0	48681.	4511.5	53.843	3792.8
#3	3816.6	48642.	4555.9	50.628	3788.5

Sample Name: S4 Acquired: 5/21/2019 11:50:37 Type: Cal
Method: P4-ICP2(v3136) 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	.23549	.62981	1.1524	.29580	.68994	.08723	3.5636	.23361
Stddev	.00078	.00122	.0023	.00011	.00201	.00006	.0113	.00074
%RSD	.33151	.19418	.19827	.03623	.29077	.06371	.31681	.31644
#1	.23503	.63037	1.1503	.29575	.68917	.08726	3.5554	.23352
#2	.23639	.62841	1.1549	.29592	.69222	.08716	3.5765	.23440
#3	.23505	.63066	1.1521	.29573	.68844	.08725	3.5588	.23293
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	10.808	1.3599	.19836	2.9619	1.0412	.44913	2.5771	.01527
Stddev	.009	.0048	.00018	.0012	.0049	.00049	.0003	.00005
%RSD	.08037	.34979	.09291	.03911	.46971	.10874	.01286	.34018
#1	10.801	1.3552	.19857	2.9621	1.0373	.44862	2.5768	.01528
#2	10.817	1.3598	.19830	2.9629	1.0467	.44959	2.5774	.01522
#3	10.805	1.3647	.19822	2.9606	1.0396	.44919	2.5770	.01532
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	1.6998	.26451	.74975	.52718	5.3095	.21040	3.3621	.00964
Stddev	.0029	.00014	.00187	.00067	.0049	.00066	.0084	.00001
%RSD	.16979	.05147	.24936	.12719	.09298	.31259	.25137	.15345
#1	1.6971	.26466	.74790	.52697	5.3040	.20969	3.3523	.00966
#2	1.7029	.26439	.74969	.52665	5.3109	.21051	3.3672	.00963
#3	1.6995	.26449	.75164	.52793	5.3135	.21099	3.3666	.00963
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	.23208	2.3682	.96883	1.6269	8.1432	.3840	64.887	3761.9
Stddev	.00034	.0055	.00232	.0014	.0299	.0017	.149	16.6
%RSD	.14592	.23250	.23919	.08843	.36750	.4361	.22931	.44049
#1	.23234	2.3619	.97051	1.6276	8.1335	.3855	64.755	3759.8
#2	.23221	2.3711	.96619	1.6253	8.1193	.3844	64.858	3746.5
#3	.23170	2.3717	.96980	1.6279	8.1768	.3822	65.048	3779.5

Sample Name: S4 Acquired: 5/21/2019 11:50:37 Type: Cal
 Method: P4-ICP2(v3136) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-261.79
Stddev	6.97
%RSD	2.6623

#1	-255.79
#2	-269.43
#3	-260.14

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3739.5	47158.	4435.0	51.126	3631.7
Stddev	7.2	36.	7.4	.176	4.3
%RSD	.19257	.07738	.16774	.34492	.11796

#1	3746.7	47139.	4441.6	51.114	3636.3
#2	3732.3	47200.	4436.6	51.308	3631.1
#3	3739.6	47134.	4426.9	50.956	3627.8

Sample Name: S5 Acquired: 5/21/2019 11:54:43 Type: Cal
Method: P4-ICP2(v3136) 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	.47212	1.2546	2.3271	.58938	1.3798	.17618	7.1329	.46357
Stddev	.00037	.0015	.0026	.00125	.0009	.00038	.0803	.00043
%RSD	.07751	.12024	.11250	.21171	.06847	.21852	1.1257	.09249
#1	.47186	1.2531	2.3298	.59068	1.3798	.17648	7.1289	.46347
#2	.47254	1.2561	2.3270	.58927	1.3808	.17631	7.2152	.46405
#3	.47195	1.2546	2.3246	.58819	1.3789	.17574	7.0547	.46321
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	21.917	2.6940	.39265	6.0170	2.0470	.88322	5.0428	.03067
Stddev	.018	.0183	.00051	.0063	.0015	.00091	.0011	.00004
%RSD	.08192	.68080	.13003	.10459	.07527	.10275	.02147	.13890
#1	21.929	2.6808	.39324	6.0231	2.0469	.88426	5.0426	.03069
#2	21.925	2.6862	.39234	6.0174	2.0486	.88259	5.0439	.03070
#3	21.896	2.7149	.39238	6.0105	2.0455	.88282	5.0418	.03062
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.4475	.53041	1.5142	1.0587	10.777	.42610	6.7079	.01941
Stddev	.0042	.00061	.0035	.0010	.009	.00042	.0027	.00013
%RSD	.12257	.11427	.23360	.09133	.07916	.09796	.04060	.65327
#1	3.4523	.53109	1.5180	1.0596	10.785	.42649	6.7090	.01953
#2	3.4458	.53022	1.5138	1.0577	10.778	.42614	6.7098	.01942
#3	3.4444	.52992	1.5109	1.0589	10.768	.42566	6.7048	.01928
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	.48183	4.7362	1.9724	3.2287	16.529	.7949	127.76	3739.6
Stddev	.00155	.0383	.0018	.0179	.093	.0004	.82	6.9
%RSD	.32101	.80776	.09199	.55484	.56362	.0540	.64159	.18478
#1	.48361	4.7123	1.9704	3.2178	16.494	.7948	127.24	3747.4
#2	.48086	4.7160	1.9739	3.2190	16.457	.7954	127.34	3734.1
#3	.48101	4.7803	1.9730	3.2494	16.634	.7945	128.71	3737.5

Sample Name: S5 Acquired: 5/21/2019 11:54:43 Type: Cal
Method: P4-ICP2(v3136) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-269.05
Stddev	4.48
%RSD	1.6656

#1	-265.09
#2	-273.91
#3	-268.15

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3684.2	46495.	4412.0	49.123	3466.1
Stddev	7.0	188.	14.9	.125	8.8
%RSD	.19058	.40335	.33765	.25380	.25353

#1	3679.0	46388.	4425.4	49.233	3458.4
#2	3681.5	46386.	4414.5	49.149	3464.3
#3	3692.2	46712.	4396.0	48.987	3475.7

Sample Name: ICV01 Acquired: 5/21/2019 11:59:20 Type: Unk
Method: P4-ICP2(v3136) 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	.99231	1.0281	.98369	.99538	.97247	2.4710	.48861
Stddev	.00538	.0051	.00336	.00190	.00343	.0214	.00028
%RSD	.54230	.49903	.34176	.19042	.35276	.86411	.05719

#1	.99069	1.0252	.98033	.99337	.97046	2.4758	.48859
#2	.98793	1.0251	.98370	.99565	.97052	2.4895	.48890
#3	.99832	1.0340	.98705	.99713	.97643	2.4477	.48834

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47989	.47994	10.149	.50059	.48921	.52191	5.0281
Stddev	.00150	.00100	.042	.00255	.00145	.00218	.0117
%RSD	.31189	.20879	.41284	.50963	.29579	.41803	.23272

#1	.47818	.47878	10.101	.49791	.48872	.52021	5.0149
#2	.48056	.48059	10.172	.50298	.48808	.52115	5.0320
#3	.48094	.48043	10.175	.50088	.49084	.52437	5.0373

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50139	5.8480	.49367	.50115	9.7407	.48968	.93246
Stddev	.00178	.0248	.00168	.00136	.0354	.00168	.00165
%RSD	.35539	.42481	.34036	.27170	.36363	.34404	.17736

#1	.50000	5.8651	.49183	.49993	9.7159	.48857	.93126
#2	.50078	5.8195	.49403	.50262	9.7813	.48884	.93179
#3	.50340	5.8595	.49513	.50091	9.7250	.49161	.93435

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.8243	2.4038	2.3367	F .00699	2.3069	2.3359	2.4249
Stddev	.0241	.0054	.0139	.00512	.0183	.0109	.0105
%RSD	.24527	.22512	.59535	73.259	.79251	.46666	.43151

#1	9.8122	2.4021	2.3217	.01272	2.3041	2.3321	2.4210
#2	9.8521	2.3994	2.3492	.00535	2.2902	2.3274	2.4367
#3	9.8087	2.4099	2.3393	.00288	2.3264	2.3482	2.4169

Sample Name: ICV01 Acquired: 5/21/2019 11:59:20 Type: Unk
Method: P4-ICP2(v3136) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .00041	F .0024	F .00614	F<.00000	F 1.1228
Stddev	.00074	.0017	.00012	.38893	2.3983
%RSD	180.58	72.76	1.9571	624.90	213.61
#1	-.00035	.0032	.00628	-.11242	.27215
#2	.00113	.0004	.00607	-.42364	-.73434
#3	.00046	.0035	.00608	.34934	3.8305
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3907.7	49358.	4528.8	52.463	3971.1
Stddev	5.7	134.	25.7	.466	5.3
%RSD	.14567	.27153	.56731	.88799	.13324
#1	3903.2	49406.	4549.8	52.902	3965.2
#2	3914.1	49206.	4536.5	52.512	3972.5
#3	3905.8	49460.	4500.1	51.975	3975.4

Sample Name: LLICV01 Acquired: 5/21/2019 12:03:27 Type: Unk
Method: P4-ICP2(v3136) 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	.02204	.04360	.01239	.02352	.05435	.10371	.10696
Stddev	.00308	.00055	.00039	.00281	.00088	.00992	.00107
%RSD	13.993	1.2619	3.1217	11.949	1.6246	9.5675	.99777

#1	.02195	.04415	.01264	.02074	.05437	.11503	.10760
#2	.01901	.04305	.01195	.02347	.05523	.09652	.10755
#3	.02517	.04360	.01259	.02636	.05346	.09957	.10573

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00667	.00622	2.1994	.01080	.03023	.02260	.11109
Stddev	.00014	.00001	.0100	.00023	.00005	.00040	.00094
%RSD	2.1411	.10572	.45274	2.1391	.16862	1.7651	.84380

#1	.00671	.00623	2.1945	.01106	.03018	.02263	.11158
#2	.00678	.00623	2.1928	.01063	.03028	.02298	.11168
#3	.00651	.00621	2.2108	.01072	.03021	.02219	.11001

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02370	2.0568	.04201	.01132	2.1153	.04236	.04013
Stddev	.00021	.0837	.00068	.00025	.0122	.00034	.00030
%RSD	.89083	4.0668	1.6193	2.1855	.57566	.81025	.74651

#1	.02394	2.1465	.04258	.01158	2.1294	.04213	.03989
#2	.02357	2.0431	.04125	.01130	2.1094	.04275	.04003
#3	.02358	1.9809	.04219	.01109	2.1073	.04219	.04046

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1104	.22152	.11534	.01984	.43246	.04214	.04413
Stddev	.0033	.00042	.02852	.00186	.00259	.00054	.00245
%RSD	.15511	.19119	24.725	9.3933	.59810	1.2870	5.5631

#1	2.1109	.22145	.08892	.01986	.42965	.04276	.04695
#2	2.1135	.22113	.11151	.02170	.43299	.04194	.04245
#3	2.1070	.22197	.14557	.01797	.43474	.04173	.04299

Sample Name: LLICV01 Acquired: 5/21/2019 12:03:27 Type: Unk
Method: P4-ICP2(v3136) 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	.02380	.0205	.02191	F<.00000	F 1.7876
Stddev	.00094	.0001	.00009	.24959	.7296
%RSD	3.9343	.2913	.41650	78.789	40.811
#1	.02283	.0205	.02183	-.57226	2.3667
#2	.02386	.0205	.02201	-.07353	2.0280
#3	.02470	.0204	.02188	-.30456	.96823
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3938.7	49884.	4506.1	53.392	4111.2
Stddev	15.2	285.	11.0	1.809	13.9
%RSD	.38639	.57175	.24409	3.3878	.33775
#1	3927.3	49603.	4517.9	54.102	4109.5
#2	3956.0	49875.	4504.5	51.336	4125.8
#3	3932.8	50174.	4496.0	54.739	4098.2

Sample Name: ICB01 Acquired: 5/21/2019 12:07:52 Type: Unk
Method: P4-ICP2(v3136) 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	-.00169	.00038	-.00104	.00052	.00150	-.01428	.00013
Stddev	.00302	.00131	.00075	.00153	.00151	.00747	.00013
%RSD	178.49	345.09	71.856	295.22	100.76	52.356	101.30

#1	-.00127	-.00028	-.00180	-.00115	.00194	-.01991	.00021
#2	-.00490	-.00047	-.00101	.00185	.00275	-.00580	.00020
#3	.00109	.00189	-.00031	.00085	-.00018	-.01711	-.00002

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.00003	-.02441	-.00025	-.00040	-.00047	-.00083
Stddev	.00004	.00003	.00644	.00020	.00003	.00031	.00025
%RSD	216.79	94.815	26.393	78.392	8.4481	64.784	30.241

#1	-.00005	-.00000	-.01859	-.00041	-.00037	-.00070	-.00112
#2	.00002	.00005	-.02330	-.00003	-.00038	-.00059	-.00064
#3	-.00002	.00004	-.03133	-.00032	-.00043	-.00012	-.00073

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	-.04577	-.00005	-.00018	-.02946	-.00007	-.00066
Stddev	.00002	.03905	.00015	.00042	.00084	.00010	.00009
%RSD	14.181	85.304	303.05	228.30	2.8631	136.83	13.554

#1	-.00014	-.01783	-.00011	.00024	-.02897	-.00008	-.00056
#2	-.00014	-.02911	-.00016	-.00019	-.02898	.00003	-.00074
#3	-.00011	-.09039	.00012	-.00060	-.03044	-.00016	-.00067

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.04831	.00033	.00062	-.00046	-.00341	-.00193	.00149
Stddev	.02317	.00021	.00883	.00044	.00169	.00049	.00118
%RSD	47.963	64.649	1423.3	93.738	49.467	25.151	79.604

#1	-.02214	.00050	.01033	-.00018	-.00488	-.00138	.00285
#2	-.06623	.00009	-.00693	-.00025	-.00378	-.00230	.00079
#3	-.05655	.00040	-.00154	-.00097	-.00157	-.00211	.00081

Sample Name: ICB01 Acquired: 5/21/2019 12:07:52 Type: Unk
Method: P4-ICP2(v3136) 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	-.00231	.0009	.00002	F 1.3461	F<.00000
Stddev	.00172	.0015	.00002	.2324	3.0590
%RSD	74.391	156.4	162.26	17.263	349.20
#1	-.00171	.0017	-.00001	1.0847	-3.8770
#2	-.00097	-.0008	.00003	1.5293	-.98878
#3	-.00424	.0019	.00002	1.4242	2.2378
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3944.5	50460.	4611.4	55.576	4142.4
Stddev	6.8	71.	23.0	.725	14.4
%RSD	.17222	.14151	.49775	1.3053	.34693
#1	3944.4	50498.	4629.0	55.823	4130.5
#2	3951.4	50378.	4585.4	54.759	4138.3
#3	3937.8	50505.	4619.7	56.145	4158.4

Sample Name: CRI01 Acquired: 5/21/2019 12:12:20 Type: Unk
Method: P4-ICP2(v3136) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02074	.04343	.01202	.02329	.05470	.09713	.10987	.00662
Stddev	.00134	.00059	.00093	.00167	.00097	.00909	.00105	.00008
%RSD	6.4771	1.3618	7.7336	7.1914	1.7714	9.3558	.95914	1.1905
#1	.01920	.04391	.01099	.02370	.05358	.10691	.10918	.00661
#2	.02132	.04362	.01280	.02144	.05525	.09551	.10933	.00655
#3	.02169	.04277	.01228	.02472	.05526	.08896	.11108	.00670
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00627	2.2059	.01081	.03069	.02246	.11126	.02394	2.0834
Stddev	.00002	.0168	.00034	.00016	.00025	.00066	.00030	.0570
%RSD	.32540	.76207	3.1628	.52343	1.1146	.59342	1.2688	2.7339
#1	.00625	2.2034	.01043	.03063	.02260	.11094	.02360	2.1061
#2	.00629	2.2238	.01109	.03056	.02217	.11082	.02403	2.0186
#3	.00626	2.1905	.01091	.03087	.02260	.11202	.02418	2.1255
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04213	.01128	2.1589	.04218	.04098	2.1403	.22092	.09592
Stddev	.00012	.00056	.0254	.00048	.00009	.0229	.00060	.01190
%RSD	.28737	4.9436	1.1760	1.1410	.21963	1.0692	.27239	12.403
#1	.04207	.01065	2.1471	.04178	.04089	2.1282	.22136	.08240
#2	.04227	.01168	2.1416	.04206	.04107	2.1260	.22117	.10476
#3	.04205	.01152	2.1881	.04272	.04098	2.1667	.22023	.10061
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01973	.41639	.03962	.04385	.02116	.0197	.02197	F 1.6504
Stddev	.00171	.00654	.00077	.00117	.00152	.0009	.00005	.2333
%RSD	8.6556	1.5708	1.9355	2.6603	7.1822	4.652	.23124	14.133
#1	.01876	.42046	.03906	.04387	.01941	.0189	.02196	1.8968
#2	.02170	.41986	.04049	.04500	.02214	.0196	.02192	1.4329
#3	.01872	.40885	.03930	.04267	.02194	.0207	.02202	1.6216

Sample Name: CRI01 Acquired: 5/21/2019 12:12:20 Type: Unk
Method: P4-ICP2(v3136) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.3865
Stddev	4.2326
%RSD	177.36

#1	-2.4646
#2	5.3271
#3	4.2970

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3916.7	50230.	4618.9	55.779	4074.6
Stddev	8.3	92.	43.7	1.238	13.7
%RSD	.21244	.18355	.94537	2.2200	.33590

#1	3917.9	50138.	4596.2	55.609	4066.8
#2	3907.9	50322.	4591.4	54.634	4066.6
#3	3924.4	50230.	4669.3	57.093	4090.4

Sample Name: ICSA01 Acquired: 5/21/2019 12:16:45 Type: Unk
Method: P4-ICP2(v3136) 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	-.00397	.00788	-.01103	.00204	.00396	268.40	.00694	.00236
Stddev	.00223	.00208	.00081	.00363	.00276	1.62	.00024	.00010
%RSD	56.303	26.444	7.3680	178.30	69.524	.60220	3.5065	4.2835
#1	-.00580	.00737	-.01193	-.00214	.00271	267.99	.00721	.00246
#2	-.00148	.01017	-.01077	.00446	.00206	267.03	.00675	.00236
#3	-.00462	.00609	-.01037	.00379	.00713	270.18	.00686	.00226
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00165	245.49	.04611	-.00087	.00432	94.240	.01417	273.13
Stddev	.00015	1.76	.00015	.00025	.00076	.696	.00020	.85
%RSD	9.1345	.71857	.32161	29.236	17.573	.73832	1.3965	.31100
#1	-.00171	245.00	.04598	-.00115	.00518	94.283	.01440	272.18
#2	-.00148	244.02	.04627	-.00082	.00404	93.524	.01403	273.39
#3	-.00177	247.45	.04608	-.00064	.00374	94.913	.01409	273.82
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00582	-.00811	.03067	.00141	-.01173	.01806	-.00208	.07293
Stddev	.00065	.00031	.01009	.00051	.00018	.02052	.00026	.01702
%RSD	11.171	3.7720	32.905	36.245	1.5256	113.61	12.388	23.339
#1	-.00629	-.00837	.01915	.00175	-.01176	-.00095	-.00208	.05923
#2	-.00609	-.00777	.03796	.00166	-.01154	.01533	-.00234	.06758
#3	-.00508	-.00819	.03489	.00082	-.01189	.03981	-.00183	.09198
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .03782	-.00365	.00855	-.00167	.01197	.0187	-.00102	5.9093
Stddev	.00360	.00046	.00026	.00161	.00031	.0012	.00043	.7808
%RSD	9.5225	12.606	3.0671	96.644	2.5731	6.202	42.439	13.214
#1	.03424	-.00418	.00884	-.00329	.01197	.0177	-.00105	6.1095
#2	.04144	-.00339	.00846	-.00006	.01166	.0185	-.00058	6.5705
#3	.03776	-.00338	.00834	-.00165	.01227	.0200	-.00144	5.0478

Sample Name: ICSA01 Acquired: 5/21/2019 12:16:45 Type: Unk
Method: P4-ICP2(v3136) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .78420
%RSD 6.1989

#1 -12.490
#2 -11.959
#3 -13.503

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3544.1	44921.	4473.9	50.411	3300.5
Stddev	7.2	143.	18.5	.960	9.1
%RSD	.20191	.31782	.41337	1.9051	.27508

#1	3536.7	45080.	4491.3	50.195	3290.4
#2	3551.0	44879.	4475.9	49.577	3308.0
#3	3544.8	44803.	4454.5	51.461	3302.9

Sample Name: ICSAB01 Acquired: 5/21/2019 12:21:25 Type: Unk
Method: P4-ICP2(v3136) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10690	.11757	.04411	.05495	.64743	263.76	.57885
Stddev	.00035	.00144	.00110	.00342	.00130	.92	.00119
%RSD	.32426	1.2228	2.5036	6.2166	.20090	.34962	.20608

#1	.10730	.11599	.04290	.05471	.64864	264.69	.57994
#2	.10666	.11791	.04438	.05847	.64606	262.85	.57757
#3	.10674	.11881	.04506	.05165	.64760	263.73	.57903

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.57324	1.0614	241.52	.58407	.52797	.53298	91.689
Stddev	.00163	.0019	.70	.00186	.00131	.00105	.399
%RSD	.28509	.17723	.29025	.31765	.24813	.19636	.43509

#1	.57313	1.0635	240.71	.58481	.52925	.53403	91.856
#2	.57166	1.0610	241.98	.58196	.52663	.53194	91.234
#3	.57492	1.0598	241.86	.58545	.52803	.53297	91.977

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.54751	265.35	1.0442	.21611	.01411	.54115	1.1001
Stddev	.00013	1.01	.0024	.00156	.00218	.00222	.0008
%RSD	.02349	.38102	.22496	.72354	15.451	.40946	.07716

#1	.54738	264.33	1.0458	.21515	.01278	.53964	1.1010
#2	.54764	265.38	1.0453	.21527	.01662	.54011	1.0993
#3	.54749	266.35	1.0415	.21792	.01292	.54369	1.1001

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.02202	F 1.2202	F 1.3438	F .03649	1.1207	F 1.2575	F 1.2362
Stddev	.02380	.0024	.0171	.00039	.0056	.0010	.0037
%RSD	108.09	.19842	1.2722	1.0742	.50218	.07802	.30117

#1	-.03602	1.2228	1.3358	.03631	1.1272	1.2564	1.2331
#2	-.03548	1.2199	1.3322	.03622	1.1180	1.2578	1.2352
#3	.00546	1.2179	1.3634	.03694	1.1169	1.2583	1.2403

Sample Name: ICSAB01 Acquired: 5/21/2019 12:21:25 Type: Unk
 Method: P4-ICP2(v3136) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .00998	F .0188	F -.00025	4.4694	<.00000
Stddev	.00206	.0006	.00064	.1090	3.8961
%RSD	20.650	3.085	252.08	2.4392	43.331
#1	.01016	.0189	-.00050	4.3802	-13.469
#2	.00784	.0182	.00047	4.5909	-6.3745
#3	.01195	.0193	-.00073	4.4371	-7.1310
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3552.1	44886.	4424.1	49.608	3315.9
Stddev	1.6	135.	11.5	1.926	4.2
%RSD	.04420	.30076	.26027	3.8832	.12635
#1	3550.3	44743.	4411.4	50.842	3311.3
#2	3552.8	45011.	4427.0	50.594	3317.0
#3	3553.2	44904.	4433.9	47.388	3319.4

Sample Name: CCV01 Acquired: 5/21/2019 12:25:48 Type: Unk
Method: P4-ICP2(v3136) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8616	4.9109	4.8446	4.8809	4.8619	9.6648	9.7793	.24451
Stddev	.0074	.0053	.0129	.0096	.0095	.0308	.0743	.00041
%RSD	.15187	.10852	.26535	.19576	.19652	.31880	.76022	.16923
#1	4.8612	4.9087	4.8586	4.8699	4.8635	9.6366	9.8324	.24491
#2	4.8543	4.9169	4.8419	4.8857	4.8517	9.6602	9.6943	.24453
#3	4.8691	4.9069	4.8333	4.8871	4.8706	9.6977	9.8110	.24408
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4165	24.630	.98320	2.4122	1.2288	4.8827	2.4584	24.332
Stddev	.0061	.043	.00207	.0031	.0027	.0062	.0004	.166
%RSD	.25080	.17327	.21055	.12835	.22076	.12629	.01676	.68061
#1	2.4231	24.605	.98084	2.4156	1.2295	4.8833	2.4583	24.158
#2	2.4153	24.605	.98469	2.4115	1.2258	4.8763	2.4580	24.487
#3	2.4112	24.679	.98408	2.4095	1.2311	4.8886	2.4588	24.352
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4275	1.2230	24.349	2.4558	2.4468	24.505	4.9071	4.8931
Stddev	.0033	.0038	.068	.0021	.0044	.065	.0068	.0333
%RSD	.13411	.30912	.27785	.08524	.18123	.26544	.13830	.68139
#1	2.4313	1.2187	24.300	2.4581	2.4513	24.437	4.9021	4.8549
#2	2.4259	1.2245	24.321	2.4551	2.4467	24.567	4.9044	4.9164
#3	2.4254	1.2258	24.426	2.4541	2.4424	24.512	4.9148	4.9079
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8230	4.9193	4.8703	4.9173	4.9250	4.820	4.9719	F 1.8752
Stddev	.0027	.0102	.0069	.0137	.0136	.007	.0025	.3730
%RSD	.05521	.20732	.14221	.27810	.27705	.1393	.05022	19.893
#1	4.8260	4.9225	4.8689	4.9324	4.9387	4.826	4.9747	2.2853
#2	4.8208	4.9276	4.8778	4.9136	4.9250	4.823	4.9699	1.5560
#3	4.8223	4.9079	4.8642	4.9058	4.9114	4.813	4.9711	1.7843

Sample Name: CCV01 Acquired: 5/21/2019 12:25:48 Type: Unk
Method: P4-ICP2(v3136) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 4.2409
Stddev	1.1793
%RSD	27.809

#1	5.3883
#2	3.0320
#3	4.3024

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3818.3	48127.	4478.7	51.288	3706.6
Stddev	11.4	109.	11.1	1.560	16.1
%RSD	.29788	.22565	.24840	3.0410	.43464

#1	3808.6	48239.	4476.0	52.334	3688.0
#2	3830.8	48120.	4469.1	52.035	3715.9
#3	3815.5	48022.	4490.9	49.495	3715.9

Sample Name: LLCCV01 Acquired: 5/21/2019 12:37:10 Type: Unk
Method: P4-ICP2(v3136) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLCCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02086	.04358	.01164	.02089	.05335	.09949	.10812	.00663
Stddev	.00090	.00015	.00053	.00205	.00063	.00424	.00041	.00006
%RSD	4.3224	.35561	4.5522	9.8235	1.1815	4.2619	.38078	.87187
#1	.02161	.04361	.01225	.02158	.05331	.09926	.10843	.00668
#2	.01986	.04372	.01138	.01858	.05399	.09537	.10766	.00663
#3	.02109	.04341	.01130	.02251	.05273	.10384	.10828	.00657
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00622	2.1942	.01035	.03016	.02228	.11063	.02361	2.0414
Stddev	.00010	.0141	.00012	.00015	.00045	.00026	.00012	.0348
%RSD	1.6290	.64324	1.1280	.51038	2.0181	.23775	.48804	1.7044
#1	.00625	2.2105	.01027	.03025	.02182	.11078	.02375	2.0699
#2	.00631	2.1855	.01029	.03025	.02230	.11033	.02357	2.0027
#3	.00611	2.1866	.01048	.02999	.02271	.11079	.02353	2.0518
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04172	.01046	2.1144	.04240	.04052	2.1020	.21860	.09799
Stddev	.00050	.00022	.0155	.00053	.00040	.0090	.00041	.01249
%RSD	1.1954	2.0612	.73052	1.2564	.98806	.42872	.18934	12.747
#1	.04196	.01070	2.1290	.04180	.04077	2.1120	.21834	.10671
#2	.04204	.01035	2.0982	.04282	.04073	2.0994	.21908	.08368
#3	.04114	.01031	2.1158	.04257	.04006	2.0946	.21839	.10359
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02019	.41476	.03888	.04362	.01875	.0223	.02190	F 2.3316
Stddev	.00456	.00125	.00019	.00160	.00192	.0015	.00005	.4298
%RSD	22.583	.30088	.47876	3.6715	10.256	6.533	.23179	18.432
#1	.02545	.41343	.03867	.04252	.01653	.0221	.02185	2.1033
#2	.01758	.41496	.03899	.04289	.01991	.0210	.02191	2.8274
#3	.01754	.41590	.03899	.04546	.01981	.0239	.02194	2.0642

Sample Name: LLCCV01 Acquired: 5/21/2019 12:37:10 Type: Unk
 Method: P4-ICP2(v3136) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LLCCV01 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F .34968
 Stddev 3.2703
 %RSD 935.22

#1 -3.1619
 #2 .90261
 #3 3.3083

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3964.0	50708.	4626.2	54.154	4106.7
Stddev	13.1	21.	6.1	1.321	16.0
%RSD	.32989	.04124	.13113	2.4398	.38971

#1	3978.3	50730.	4625.2	53.557	4095.2
#2	3952.6	50689.	4620.8	53.236	4100.0
#3	3961.1	50705.	4632.8	55.668	4125.0

Sample Name: CCB01 Acquired: 5/21/2019 12:41:37 Type: Unk
Method: P4-ICP2(v3136) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00169	.00012	-.00115	.00151	.00009	-.00401	-.00017	-.00004
Stddev	.00250	.00146	.00057	.00193	.00027	.00851	.00033	.00002
%RSD	147.38	1186.3	49.411	127.96	302.39	212.12	197.31	43.345
#1	-.00050	.00036	-.00070	-.00061	.00024	.00556	-.00027	-.00004
#2	-.00457	.00146	-.00096	.00317	-.00022	-.00686	.00020	-.00003
#3	-.00002	-.00144	-.00179	.00196	.00025	-.01073	-.00043	-.00006
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.02365	-.00004	-.00019	-.00047	-.00155	-.00013	-.07170
Stddev	.00005	.00730	.00019	.00004	.00013	.00052	.00001	.02634
%RSD	728.96	30.863	412.39	24.107	26.777	33.919	3.9457	36.728
#1	.00005	-.02948	.00014	-.00021	-.00039	-.00094	-.00014	-.09926
#2	-.00002	-.02602	-.00023	-.00021	-.00040	-.00188	-.00013	-.04678
#3	-.00005	-.01546	-.00005	-.00013	-.00061	-.00181	-.00013	-.06907
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	-.00000	-.04644	.00012	-.00069	-.05013	.00008	-.00253
Stddev	.00010	.00045	.00266	.00035	.00002	.01282	.00016	.01059
%RSD	117.46	47955.	5.7357	290.56	3.5633	25.580	193.05	418.45
#1	-.00001	.00047	-.04909	.00023	-.00067	-.03538	.00008	.00162
#2	.00008	-.00005	-.04648	.00040	-.00068	-.05866	.00024	-.01457
#3	.00019	-.00042	-.04376	-.00027	-.00071	-.05634	-.00007	.00536
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00500	-.00447	-.00281	-.00041	-.00288	.0008	-.00007	F .94174
Stddev	.00288	.00153	.00031	.00054	.00090	.0010	.00002	.16443
%RSD	57.492	34.163	11.105	132.36	31.145	130.6	28.055	17.460
#1	-.00365	-.00512	-.00246	-.00101	-.00377	.0002	-.00006	.75419
#2	-.00305	-.00557	-.00305	-.00026	-.00289	.0019	-.00005	1.0099
#3	-.00830	-.00273	-.00292	.00004	-.00198	.0002	-.00009	1.0611

Sample Name: CCB01 Acquired: 5/21/2019 12:41:37 Type: Unk
Method: P4-ICP2(v3136) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.8871
Stddev	3.5274
%RSD	122.18

#1	-.72091
#2	3.0544
#3	6.3279

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3981.9	50793.	4568.3	53.511	4170.4
Stddev	15.7	187.	22.8	1.239	8.3
%RSD	.39433	.36764	.49930	2.3161	.19792

#1	3964.7	50800.	4589.2	52.707	4162.8
#2	3985.7	50602.	4571.7	54.939	4169.3
#3	3995.4	50976.	4544.0	52.889	4179.2

Sample Name: PB119881BL Acquired: 5/21/2019 12:46:11 Type: Unk
Method: P4-ICP2(v3136) 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	-.00244	.00025	-.00067	-.00044	.00110	-.00361	.00051	.00002
Stddev	.00301	.00071	.00119	.00228	.00097	.00249	.00023	.00010
%RSD	123.31	280.50	178.63	521.77	88.235	69.039	45.325	480.39
#1	.00064	.00075	.00070	.00097	.00135	-.00404	.00036	.00006
#2	-.00260	-.00056	-.00128	-.00307	.00193	-.00093	.00078	.00009
#3	-.00538	.00057	-.00143	.00079	.00003	-.00585	.00040	-.00009
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	-.01575	-.00031	-.00026	-.00051	-.00113	-.00013	-.06239
Stddev	.00003	.00181	.00024	.00010	.00026	.00037	.00003	.01322
%RSD	74.560	11.487	77.160	38.518	52.167	32.245	23.295	21.189
#1	-.00002	-.01689	-.00030	-.00015	-.00023	-.00139	-.00012	-.07761
#2	-.00002	-.01669	-.00055	-.00027	-.00053	-.00072	-.00011	-.05582
#3	-.00008	-.01366	-.00007	-.00035	-.00076	-.00130	-.00017	-.05374
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00017	-.00033	-.03862	.00015	-.00079	-.05643	-.00002	-.00512
Stddev	.00010	.00003	.00721	.00018	.00006	.01294	.00022	.02311
%RSD	61.849	8.2376	18.676	117.80	7.2830	22.927	986.03	451.65
#1	.00009	-.00036	-.03156	-.00005	-.00074	-.04251	-.00027	.01081
#2	.00028	-.00034	-.03833	.00028	-.00079	-.05867	.00005	.00546
#3	.00013	-.00031	-.04598	.00024	-.00086	-.06809	.00016	-.03162
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00577	-.00588	-.00333	.00094	-.00203	-.0001	.00002	F 1.3623
Stddev	.00100	.00057	.00034	.00065	.00138	.0015	.00007	.3821
%RSD	17.274	9.6610	10.289	69.013	68.230	1010.	292.12	28.048
#1	-.00483	-.00593	-.00302	.00024	-.00326	.0004	.00000	.94959
#2	-.00566	-.00642	-.00370	.00106	-.00230	.0010	-.00003	1.7037
#3	-.00681	-.00529	-.00326	.00153	-.00053	-.0018	.00010	1.4337

Sample Name: PB119881BL Acquired: 5/21/2019 12:46:11 Type: Unk
Method: P4-ICP2(v3136) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.0231
Stddev 4.2664
%RSD 210.89

#1 -2.0677
#2 1.6912
#3 6.4457

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3990.3	50915.	4543.7	54.351	4190.5
Stddev	9.9	70.	29.2	1.794	9.8
%RSD	.24768	.13739	.64373	3.3011	.23352

#1	3994.1	50994.	4557.8	55.427	4179.7
#2	3979.1	50860.	4510.1	52.280	4198.7
#3	3997.8	50893.	4563.3	55.345	4193.2

Sample Name: PB119881BS Acquired: 5/21/2019 12:50:42 Type: Unk
Method: P4-ICP2(v3136) 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	.73715	1.9374	.94608	1.8627	.75438	1.8597	.19544
Stddev	.00508	.0076	.00594	.0116	.00459	.0038	.00038
%RSD	.68870	.39114	.62838	.62222	.60823	.20265	.19561

#1	.73498	1.9348	.94301	1.8558	.75198	1.8640	.19516
#2	.73352	1.9314	.94230	1.8563	.75149	1.8573	.19528
#3	.74295	1.9459	.95293	1.8761	.75967	1.8578	.19587

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18621	.18534	1.0243	.40803	.19456	.30748	3.0412
Stddev	.00072	.00123	.0167	.00117	.00127	.00273	.0039
%RSD	.38572	.66333	1.6318	.28755	.65475	.88799	.12943

#1	.18538	.18470	1.0053	.40672	.19371	.30716	3.0366
#2	.18666	.18457	1.0366	.40898	.19394	.30492	3.0433
#3	.18658	.18676	1.0311	.40839	.19602	.31035	3.0436

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20436	1.8714	.48555	.06972	2.8998	.30513	.18812
Stddev	.00066	.0120	.00192	.00033	.0111	.00183	.00129
%RSD	.32257	.63889	.39540	.47317	.38162	.59887	.68816

#1	.20364	1.8834	.48477	.07007	2.8895	.30360	.18732
#2	.20494	1.8714	.48413	.06941	2.9115	.30715	.18742
#3	.20449	1.8595	.48773	.06968	2.8984	.30463	.18961

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.6544	.40513	.28360	F -.00273	.87558	.66556	.20254
Stddev	.0415	.00377	.01201	.00153	.00591	.00313	.00188
%RSD	.42948	.93055	4.2355	56.042	.67495	.47012	.92576

#1	9.6067	.40251	.29009	-.00113	.87066	.66597	.20141
#2	9.6742	.40343	.26974	-.00418	.87393	.66225	.20151
#3	9.6823	.40945	.29098	-.00290	.88214	.66846	.20471

Sample Name: PB119881BS Acquired: 5/21/2019 12:50:42 Type: Unk
Method: P4-ICP2(v3136) 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	.20063	F 5.181	F .19711	1.3327	<.00000
Stddev	.00237	.022	.00056	.0940	2.8012
%RSD	1.1809	.4268	.28177	7.0546	56.694
#1	.20334	5.180	.19653	1.4027	-3.1132
#2	.19959	5.159	.19718	1.3695	-8.1659
#3	.19895	5.203	.19763	1.2258	-3.5436
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3931.0	50190.	4505.6	53.392	4057.6
Stddev	11.9	116.	6.8	.238	15.4
%RSD	.30314	.23126	.14988	.44500	.37933
#1	3927.7	50071.	4509.4	53.345	4040.6
#2	3944.2	50198.	4509.6	53.182	4070.5
#3	3921.1	50302.	4497.8	53.650	4061.7

Sample Name: PB119907BL Acquired: 5/21/2019 12:59:22 Type: Unk
Method: P4-ICP2(v3136) 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	-.00069	-.00017	-.00038	.00023	-.00025	-.00781	.00042	.00001
Stddev	.00056	.00056	.00095	.00237	.00053	.00445	.00051	.00003
%RSD	81.370	333.81	249.60	1047.9	212.76	56.944	120.09	306.10

#1	-.00132	-.00081	-.00122	.00170	-.00059	-.00442	.00098	.00002
#2	-.00051	.00013	.00065	-.00251	.00036	-.01285	-.00001	-.00002
#3	-.00024	.00018	-.00058	.00149	-.00052	-.00617	.00029	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.00910	-.00044	-.00012	-.00069	-.00101	-.00016	-.03631
Stddev	.00006	.01118	.00032	.00016	.00032	.00042	.00003	.03498
%RSD	940.51	122.82	72.919	131.61	46.890	41.610	21.521	96.345

#1	-.00003	-.01378	-.00073	-.00026	-.00104	-.00148	-.00012	-.03149
#2	.00006	-.01717	-.00050	.00005	-.00040	-.00067	-.00018	-.00399
#3	-.00005	.00366	-.00009	-.00015	-.00062	-.00087	-.00018	-.07345

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00019	-.00003	.02295	-.00017	-.00075	-.05106	-.00003	-.00815
Stddev	.00007	.00014	.00491	.00039	.00004	.02100	.00029	.00872
%RSD	37.778	480.77	21.392	231.05	5.1882	41.121	1056.8	106.96

#1	.00026	-.00003	.01840	-.00013	-.00079	-.03343	.00029	.00125
#2	.00012	.00011	.02231	.00020	-.00074	-.07429	-.00028	-.00972
#3	.00020	-.00018	.02815	-.00058	-.00072	-.04548	-.00009	-.01598

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00517	-.00400	-.00328	.00124	-.00140	-.0000	.00004	F 1.4686
Stddev	.00098	.00097	.00014	.00045	.00054	.0009	.00004	.1391
%RSD	18.945	24.361	4.4055	36.009	38.212	2508.	102.68	9.4742

#1	-.00427	-.00467	-.00345	.00138	-.00190	.0003	.00003	1.3106
#2	-.00504	-.00445	-.00322	.00160	-.00084	.0007	.00000	1.5221
#3	-.00622	-.00288	-.00318	.00074	-.00148	-.0011	.00008	1.5730

Sample Name: PB119907BL Acquired: 5/21/2019 12:59:22 Type: Unk
Method: P4-ICP2(v3136) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .58607
Stddev	1.0637
%RSD	181.50

#1	.45846
#2	1.7078
#3	-.40809

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3981.0	50705.	4621.9	55.091	4159.3
Stddev	10.4	149.	40.4	.861	12.5
%RSD	.26113	.29308	.87407	1.5637	.30080

#1	3974.8	50599.	4575.8	54.709	4149.3
#2	3975.2	50642.	4638.5	54.486	4155.3
#3	3993.0	50875.	4651.3	56.077	4173.4

Sample Name: PB119900BL Acquired: 5/21/2019 13:08:15 Type: Unk
Method: P4-ICP2(v3136) 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	-.00112	.00011	-.00056	.00198	-.00133	-.00519	.00014
Stddev	.00155	.00211	.00082	.00198	.00226	.00814	.00024
%RSD	138.26	1900.8	147.60	100.32	169.66	156.88	169.86

#1	.00008	.00221	-.00043	.00426	-.00137	-.01192	.00009
#2	-.00057	.00014	-.00143	.00063	-.00357	-.00750	-.00007
#3	-.00287	-.00201	.00020	.00105	.00095	.00386	.00041

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.00000	-.01314	.00001	-.00039	-.00067	-.00115
Stddev	.00006	.00004	.01746	.00018	.00015	.00014	.00039
%RSD	1093.8	993.70	132.86	1740.1	38.370	20.837	33.768

#1	.00006	-.00004	-.02783	-.00020	-.00056	-.00059	-.00079
#2	-.00004	.00003	.00616	.00015	-.00027	-.00058	-.00156
#3	-.00004	.00003	-.01776	.00008	-.00034	-.00083	-.00108

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00017	-.02530	.00005	-.00043	-.03548	.00026	-.00082
Stddev	.00002	.02763	.00011	.00102	.00094	.00017	.00002
%RSD	11.924	109.21	217.40	235.45	2.6516	64.774	2.9668

#1	-.00020	-.00385	.00011	-.00158	-.03454	.00019	-.00083
#2	-.00017	-.01557	-.00008	.00039	-.03548	.00014	-.00083
#3	-.00015	-.05648	.00012	-.00011	-.03642	.00046	-.00079

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.06785	.00008	-.01788	-.00405	-.00467	-.00398	.00088
Stddev	.00589	.00026	.00863	.00160	.00166	.00052	.00048
%RSD	8.6817	346.63	48.249	39.496	35.639	13.024	54.714

#1	-.07175	.00037	-.00795	-.00581	-.00656	-.00423	.00075
#2	-.06107	-.00012	-.02212	-.00366	-.00402	-.00432	.00142
#3	-.07072	-.00003	-.02357	-.00268	-.00343	-.00338	.00048

Sample Name: PB119900BL Acquired: 5/21/2019 13:08:15 Type: Unk
Method: P4-ICP2(v3136) 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	-.00138	.0008	-.00002	F<.00000	F .81353
Stddev	.00111	.0014	.00003	.14722	1.8518
%RSD	80.525	181.7	156.50	13.734	227.63

#1	-.00187	-.0006	-.00004	-1.2034	-.52599
#2	-.00215	.0007	.00000	-.91285	2.9267
#3	-.00011	.0022	-.00000	-1.0997	.03987

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3983.7	50405.	4613.9	53.746	4172.0
Stddev	7.7	218.	15.3	2.072	1.7
%RSD	.19296	.43260	.33231	3.8550	.04076

#1	3981.0	50592.	4631.5	54.143	4170.8
#2	3977.8	50458.	4606.9	55.591	4171.2
#3	3992.4	50166.	4603.3	51.505	4173.9

Sample Name: PB119894BL Acquired: 5/21/2019 13:17:10 Type: Unk
Method: P4-ICP2(v3136) 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	.00031	.00048	-.00041	.00178	-.00011	.00452	-.00041
Stddev	.00130	.00103	.00053	.00154	.00057	.00796	.00019
%RSD	418.70	217.36	127.14	86.485	520.89	176.04	46.672

#1	.00045	-.00008	-.00006	.00207	-.00074	.01218	-.00030
#2	-.00105	-.00017	-.00017	.00012	.00037	-.00371	-.00064
#3	.00153	.00167	-.00102	.00315	.00004	.00510	-.00030

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	-.00004	-.01053	-.00032	-.00033	-.00048	-.00094
Stddev	.00000	.00005	.01146	.00032	.00011	.00010	.00092
%RSD	183.36	146.96	108.87	99.870	32.817	21.653	97.921

#1	.00000	-.00002	-.01335	-.00061	-.00023	-.00039	-.00135
#2	.00001	-.00010	-.02032	-.00038	-.00033	-.00059	.00011
#3	-.00000	.00001	.00208	.00002	-.00044	-.00045	-.00160

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	-.06296	.00048	-.00019	-.04798	-.00005	-.00080
Stddev	.00010	.04970	.00024	.00021	.01100	.00047	.00003
%RSD	72.535	78.933	49.876	111.72	22.921	947.34	4.1054

#1	-.00006	-.07695	.00057	-.00021	-.04040	.00044	-.00079
#2	-.00024	-.10418	.00021	.00003	-.06059	-.00049	-.00084
#3	-.00010	-.00777	.00066	-.00039	-.04295	-.00010	-.00078

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.06951	.00014	-.01536	-.00524	-.00546	-.00380	.00168
Stddev	.02259	.00016	.00055	.00199	.00094	.00026	.00127
%RSD	32.492	121.07	3.5815	37.894	17.300	6.7455	75.670

#1	-.08785	.00032	-.01583	-.00353	-.00472	-.00362	.00151
#2	-.04428	.00007	-.01476	-.00477	-.00652	-.00368	.00303
#3	-.07641	.00001	-.01550	-.00742	-.00513	-.00409	.00051

Sample Name: PB119894BL Acquired: 5/21/2019 13:17:10 Type: Unk
Method: P4-ICP2(v3136) 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	-.00228	.0012	.00002	F<.00000	F .86338
Stddev	.00150	.0010	.00008	.22273	1.5150
%RSD	65.972	86.84	332.20	39.126	175.48

#1	-.00377	.0002	-.00006	-.31851	-.80781
#2	-.00076	.0010	.00010	-.74413	1.2510
#3	-.00232	.0022	.00004	-.64514	2.1469

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3994.6	50653.	4554.1	53.543	4194.5
Stddev	6.3	44.	24.5	.395	3.6
%RSD	.15890	.08746	.53849	.73707	.08499

#1	3999.7	50697.	4569.2	53.961	4197.0
#2	3996.6	50608.	4525.8	53.491	4190.4
#3	3987.5	50654.	4567.3	53.177	4196.1

Sample Name: PB119894BS Acquired: 5/21/2019 13:21:38 Type: Unk
Method: P4-ICP2(v3136) 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	.68560	1.8105	.87465	1.7910	.68926	1.7261	.18035
Stddev	.00112	.0013	.00539	.0058	.00262	.0021	.00076
%RSD	.16372	.07074	.61640	.32440	.38030	.12372	.42067

#1	.68683	1.8093	.87427	1.7891	.68697	1.7281	.18016
#2	.68462	1.8103	.86946	1.7864	.68869	1.7264	.17971
#3	.68535	1.8118	.88022	1.7976	.69212	1.7238	.18119

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18070	.17310	.94736	.37288	.17617	.28640	2.8040
Stddev	.00027	.00104	.00800	.00048	.00057	.00112	.0043
%RSD	.15215	.59851	.84448	.12864	.32625	.39058	.15204

#1	.18052	.17330	.93882	.37287	.17591	.28590	2.8076
#2	.18101	.17198	.94859	.37337	.17576	.28561	2.7993
#3	.18056	.17402	.95468	.37241	.17683	.28768	2.8050

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18739	1.7640	.44573	.06562	2.6965	.27576	.17304
Stddev	.00058	.0406	.00157	.00059	.0166	.00059	.00111
%RSD	.30736	2.3028	.35305	.90297	.61627	.21501	.64296

#1	.18686	1.7289	.44584	.06584	2.6815	.27568	.17262
#2	.18731	1.7547	.44410	.06607	2.6935	.27521	.17219
#3	.18801	1.8085	.44725	.06495	2.7144	.27638	.17430

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.0065	.36008	F .25156	F -.00578	.81586	.60394	.17997
Stddev	.0266	.00084	.00481	.00228	.00857	.00211	.00119
%RSD	.29566	.23399	1.9120	39.407	1.0506	.34975	.66085

#1	8.9835	.35935	.25445	-.00633	.82531	.60473	.17864
#2	9.0003	.35988	.25423	-.00774	.80859	.60155	.18094
#3	9.0357	.36100	.24601	-.00328	.81366	.60554	.18032

Sample Name: PB119894BS Acquired: 5/21/2019 13:21:38 Type: Unk
Method: P4-ICP2(v3136) 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	.18523	F 4.879	F .17982	F 1.0418	F<.00000
Stddev	.00153	.017	.00043	.1687	3.3910
%RSD	.82680	.3468	.24173	16.192	768.55

#1	.18347	4.880	.17937	.85658	3.2088
#2	.18600	4.862	.17986	1.0823	-3.4939
#3	.18623	4.896	.18024	1.1866	-1.0386

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3962.6	50030.	4521.1	54.817	4102.9
Stddev	4.1	216.	10.4	.269	14.7
%RSD	.10221	.43186	.22918	.49029	.35818

#1	3958.8	50027.	4515.9	54.905	4096.4
#2	3966.8	50247.	4533.0	54.516	4119.7
#3	3962.1	49815.	4514.3	55.032	4092.6

Sample Name: K2541-04 Acquired: 5/21/2019 13:25:46 Type: Unk
Method: P4-ICP2(v3136) 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	.00631	-.01106	.20606	.00843	.00721	140.94	.93959
Stddev	.00066	.00155	.00114	.00241	.00019	.22	.00170
%RSD	10.483	14.021	.55357	28.611	2.6973	.15541	.18076

#1	.00708	-.01031	.20493	.00802	.00701	140.70	.93986
#2	.00596	-.01285	.20604	.00625	.00722	141.12	.93778
#3	.00591	-.01003	.20721	.01103	.00739	140.99	.94114

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01659	-.00195	66.125	.18740	.14598	.24696	212.63
Stddev	.00013	.00026	.134	.00087	.00027	.00134	.88
%RSD	.75944	13.458	.20329	.46352	.18756	.54401	.41243

#1	.01662	-.00165	66.152	.18732	.14600	.24852	211.90
#2	.01645	-.00209	66.244	.18657	.14570	.24616	212.40
#3	.01670	-.00211	65.979	.18831	.14624	.24622	213.60

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.9673	73.880	.29529	-.02249	3.8592	.30436	1.0788
Stddev	.0080	.125	.00079	.00024	.0086	.00179	.0023
%RSD	.20048	.16941	.26638	1.0676	.22176	.58798	.21642

#1	3.9590	73.979	.29485	-.02269	3.8563	.30363	1.0762
#2	3.9679	73.739	.29483	-.02256	3.8525	.30305	1.0808
#3	3.9749	73.921	.29620	-.02223	3.8689	.30640	1.0794

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.214	.00127	.69506	2.5310	4.6820	.01625	4.4518
Stddev	.100	.00012	.01045	.0073	.0246	.00085	.0130
%RSD	.43279	9.6720	1.5037	.28978	.52596	5.2325	.29176

#1	23.274	.00115	.70500	2.5291	4.7049	.01705	4.4389
#2	23.098	.00126	.69601	2.5247	4.6851	.01633	4.4517
#3	23.269	.00139	.68416	2.5390	4.6560	.01536	4.4649

Sample Name: K2541-04 Acquired: 5/21/2019 13:25:46 Type: Unk
 Method: P4-ICP2(v3136) 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	.40744	5.450	-.04793	<.00000	F<.00000
Stddev	.00394	.019	.00099	.35840	2.3669
%RSD	.96735	.3473	2.0607	11.014	2.7425
#1	.40395	5.431	-.04760	-3.2952	-86.201
#2	.41171	5.450	-.04715	-2.8769	-83.993
#3	.40665	5.468	-.04904	-3.5901	-88.724
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4170.1	53427.	5135.1	52.904	3560.5
Stddev	.8	30.	26.7	.920	10.0
%RSD	.01881	.05552	.51920	1.7383	.28217
#1	4171.0	53460.	5138.9	53.869	3570.9
#2	4169.9	53404.	5106.7	52.804	3550.9
#3	4169.4	53415.	5159.6	52.038	3559.7

Sample Name: PB119907BS Acquired: 5/21/2019 13:30:11 Type: Unk
Method: P4-ICP2(v3136) 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	.74779	1.9743	.95888	1.8974	.76330	1.8971	.20017
Stddev	.00112	.0051	.00030	.0134	.00301	.0144	.00191
%RSD	.14960	.25645	.03175	.70839	.39485	.76072	.95267

#1	.74722	1.9687	.95874	1.8820	.76078	1.9031	.20046
#2	.74708	1.9756	.95923	1.9042	.76249	1.8806	.19813
#3	.74908	1.9786	.95867	1.9062	.76664	1.9075	.20192

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19157	.18775	1.0780	.41326	.19759	.31068	3.1121
Stddev	.00024	.00033	.0212	.00123	.00042	.00105	.0029
%RSD	.12630	.17371	1.9687	.29657	.21039	.33720	.09454

#1	.19136	.18738	1.0538	.41186	.19716	.30948	3.1149
#2	.19183	.18788	1.0865	.41411	.19799	.31140	3.1091
#3	.19150	.18799	1.0936	.41382	.19761	.31116	3.1123

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20964	1.9391	.49054	.07045	2.9791	.31167	.19236
Stddev	.00039	.0483	.00102	.00042	.0280	.00116	.00056
%RSD	.18832	2.4919	.20772	.59059	.94057	.37226	.29177

#1	.20955	1.8932	.48937	.07093	2.9768	.31224	.19186
#2	.20930	1.9346	.49115	.07015	2.9523	.31033	.19297
#3	.21008	1.9896	.49112	.07028	3.0082	.31243	.19225

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.8911	.40893	.27529	F .00147	.88589	.67125	.20489
Stddev	.0765	.00128	.01163	.00333	.00250	.00375	.00114
%RSD	.77368	.31374	4.2261	226.46	.28271	.55872	.55485

#1	9.8343	.40755	.26620	-.00177	.88875	.66903	.20588
#2	9.8609	.40915	.28840	.00489	.88408	.67558	.20365
#3	9.9781	.41009	.27127	.00130	.88484	.66914	.20513

Sample Name: PB119907BS Acquired: 5/21/2019 13:30:11 Type: Unk
Method: P4-ICP2(v3136) 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	.20340	F 5.282	.20153	F 2.5433	F<.00000
Stddev	.00178	.016	.00068	.2108	.27361
%RSD	.87328	.2931	.33847	8.2887	9.4991
#1	.20147	5.267	.20228	2.3467	-2.7308
#2	.20379	5.281	.20095	2.5173	-3.1962
#3	.20496	5.298	.20136	2.7659	-2.7142
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3914.6	50404.	4534.9	53.723	4043.2
Stddev	2.1	107.	30.4	1.353	3.8
%RSD	.05325	.21209	.66967	2.5177	.09432
#1	3916.7	50294.	4517.5	53.691	4039.5
#2	3912.5	50508.	4517.2	55.091	4042.9
#3	3914.5	50409.	4570.0	52.386	4047.1

Sample Name: PB119900BS Acquired: 5/21/2019 13:34:17 Type: Unk
Method: P4-ICP2(v3136) 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	.68837	1.8288	.87669	1.7973	.68880	1.7115	.18036
Stddev	.00170	.0031	.00218	.0048	.00177	.0136	.00079
%RSD	.24723	.16922	.24866	.26598	.25738	.79243	.43856

#1	.69027	1.8310	.87746	1.8028	.68910	1.7152	.17946
#2	.68782	1.8301	.87837	1.7953	.69041	1.6965	.18065
#3	.68700	1.8253	.87422	1.7939	.68690	1.7229	.18096

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18023	.17325	.93613	.37078	.17719	.28674	2.8051
Stddev	.00093	.00045	.00627	.00103	.00065	.00081	.0047
%RSD	.51586	.25868	.67009	.27692	.36490	.28335	.16722

#1	.18039	.17334	.94072	.37165	.17687	.28598	2.8063
#2	.17923	.17365	.92898	.36964	.17793	.28760	2.7999
#3	.18106	.17277	.93870	.37103	.17676	.28665	2.8090

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18810	1.7312	.44524	.06567	2.6887	.27653	.17362
Stddev	.00034	.0372	.00133	.00008	.0126	.00076	.00030
%RSD	.18059	2.1490	.29768	.12084	.46898	.27536	.17548

#1	.18825	1.6889	.44380	.06568	2.6772	.27642	.17380
#2	.18771	1.7464	.44642	.06559	2.6866	.27583	.17379
#3	.18833	1.7585	.44550	.06575	2.7022	.27734	.17327

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.0239	.35927	.26700	F -.00682	.81526	.60496	.18118
Stddev	.0378	.00005	.02333	.00106	.00123	.00084	.00148
%RSD	.41891	.01404	8.7372	15.565	.15052	.13869	.81461

#1	8.9970	.35932	.24361	-.00676	.81431	.60585	.18147
#2	9.0076	.35926	.26713	-.00791	.81483	.60486	.17958
#3	9.0671	.35922	.29026	-.00579	.81665	.60418	.18249

Sample Name: PB119900BS Acquired: 5/21/2019 13:34:17 Type: Unk
 Method: P4-ICP2(v3136) 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	.18276	F 4.906	F .18009	.89895	F<.00000
Stddev	.00173	.005	.00013	.06648	1.6714
%RSD	.94408	.1007	.07075	7.3949	74.710

#1	.18123	4.912	.17998	.88913	-2.4490
#2	.18241	4.902	.18005	.96978	-3.7925
#3	.18463	4.905	.18023	.83792	-.46994

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3992.1	51086.	4632.8	55.955	4125.8
Stddev	7.7	74.	13.3	.894	8.4
%RSD	.19209	.14510	.28735	1.5971	.20366

#1	3992.8	51089.	4618.1	55.666	4120.6
#2	3984.1	51158.	4636.3	56.957	4121.3
#3	3999.3	51010.	4644.0	55.241	4135.5

Sample Name: K2866-03 Acquired: 5/21/2019 13:38:25 Type: Unk
Method: P4-ICP2(v3136) 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	-.00152	-.00003	.06400	.00234	.00107	.01263	.03071	.00007
Stddev	.00133	.00069	.00080	.00340	.00051	.01018	.00039	.00002
%RSD	87.426	2457.5	1.2449	145.41	48.080	80.613	1.2543	27.850

#1	-.00193	-.00068	.06340	.00083	.00136	.01809	.03027	.00009
#2	-.00004	.00069	.06370	-.00005	.00047	.01893	.03084	.00006
#3	-.00260	-.00010	.06490	.00623	.00136	.00088	.03100	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00120	1.8808	-.00011	.00147	.00030	.36028	.06393	-.00903
Stddev	.00004	.0211	.00037	.00010	.00052	.00510	.00021	.03724
%RSD	3.4154	1.1226	325.89	7.0148	172.08	1.4164	.32751	412.50

#1	.00124	1.8817	-.00053	.00147	-.00029	.36604	.06417	.00640
#2	.00118	1.8592	.00006	.00137	.00050	.35630	.06379	.01802
#3	.00116	1.9014	.00014	.00157	.00069	.35852	.06383	-.05150

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00062	-.00037	49.383	-.00042	.30682	.07766	-.00009	-.01566
Stddev	.00027	.00008	.050	.00030	.00075	.03031	.00031	.00807
%RSD	44.288	23.146	.10139	71.813	.24457	39.024	327.22	51.562

#1	.00063	-.00033	49.404	-.00048	.30660	.09400	-.00034	-.02497
#2	.00089	-.00046	49.419	-.00009	.30621	.04269	-.00020	-.01060
#3	.00034	-.00031	49.326	-.00068	.30766	.09629	.00025	-.01141

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01761	.16267	-.00379	.00136	-.00266	.0022	.01425	1.1858
Stddev	.00245	.00122	.00013	.00134	.00212	.0002	.00005	.2779
%RSD	13.915	.75091	3.3668	98.706	79.716	9.573	.34892	23.433

#1	.01615	.16300	-.00383	-.00019	-.00256	.0021	.01426	.94049
#2	.01624	.16131	-.00389	.00211	-.00484	.0025	.01419	1.1293
#3	.02044	.16369	-.00364	.00216	-.00060	.0021	.01429	1.4875

Sample Name: K2866-03 Acquired: 5/21/2019 13:38:25 Type: Unk
Method: P4-ICP2(v3136) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	10.192
Stddev	2.000
%RSD	19.627

#1	10.531
#2	8.0438
#3	12.001

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3943.9	50121.	4600.2	53.783	4005.8
Stddev	12.5	109.	25.9	1.252	9.1
%RSD	.31687	.21743	.56243	2.3289	.22763

#1	3953.7	50017.	4594.7	54.712	4014.3
#2	3948.1	50112.	4628.3	54.278	4006.9
#3	3929.8	50234.	4577.5	52.359	3996.2

Sample Name: CCV02 Acquired: 5/21/2019 13:42:52 Type: Unk
Method: P4-ICP2(v3136) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9859	5.0503	4.9319	5.0295	4.9806	9.7901	9.9114	.24922
Stddev	.0154	.0121	.0132	.0132	.0151	.0361	.0949	.00021
%RSD	.30878	.24067	.26843	.26150	.30293	.36851	.95739	.08522
#1	5.0021	5.0594	4.9314	5.0179	4.9833	9.7495	9.8709	.24936
#2	4.9841	5.0550	4.9454	5.0438	4.9942	9.8023	10.020	.24932
#3	4.9715	5.0365	4.9189	5.0268	4.9644	9.8185	9.8435	.24897
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4571	25.030	.99915	2.4623	1.2485	4.9615	2.5044	24.649
Stddev	.0071	.100	.00086	.0086	.0042	.0066	.0016	.087
%RSD	.28840	.39836	.08643	.35105	.33795	.13301	.06246	.35147
#1	2.4604	24.934	1.0001	2.4676	1.2483	4.9543	2.5052	24.558
#2	2.4618	25.024	.99837	2.4670	1.2529	4.9631	2.5054	24.658
#3	2.4489	25.133	.99900	2.4524	1.2445	4.9672	2.5026	24.731
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4683	1.2417	24.795	2.5016	2.4784	24.902	5.0069	4.9680
Stddev	.0086	.0017	.137	.0028	.0071	.160	.0140	.0923
%RSD	.34977	.13899	.55269	.11078	.28775	.64226	.28025	1.8573
#1	2.4708	1.2437	24.653	2.5002	2.4813	24.722	5.0021	4.8781
#2	2.4753	1.2405	24.805	2.4998	2.4837	24.956	5.0227	4.9634
#3	2.4587	1.2410	24.927	2.5048	2.4703	25.028	4.9959	5.0625
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9472	4.9626	4.9654	4.9938	4.9476	4.983	5.0404	F 2.5561
Stddev	.0096	.0145	.0076	.0078	.0132	.013	.0104	.0604
%RSD	.19460	.29185	.15382	.15678	.26669	.2672	.20611	2.3645
#1	4.9372	4.9777	4.9737	4.9849	4.9585	4.992	5.0308	2.4865
#2	4.9564	4.9612	4.9641	4.9976	4.9512	4.988	5.0514	2.5960
#3	4.9479	4.9488	4.9586	4.9991	4.9329	4.967	5.0390	2.5856

Sample Name: CCV02 Acquired: 5/21/2019 13:42:52 Type: Unk
Method: P4-ICP2(v3136) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.8449
Stddev	3.1851
%RSD	111.96

#1	5.5016
#2	-.68606
#3	3.7192

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3845.1	48945.	4576.3	51.973	3733.0
Stddev	15.6	98.	26.5	1.684	19.5
%RSD	.40621	.20067	.57900	3.2392	.52271

#1	3837.9	48920.	4564.9	52.062	3720.4
#2	3834.5	48862.	4557.4	50.247	3723.1
#3	3863.1	49053.	4606.6	53.611	3755.5

Sample Name: CCB02 Acquired: 5/21/2019 13:46:59 Type: Unk
Method: P4-ICP2(v3136) 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	.00241	.00097	-.00142	.00115	.00191	-.01827	.00050
Stddev	.00102	.00043	.00065	.00061	.00092	.00346	.00053
%RSD	42.367	44.897	45.968	52.708	48.188	18.913	106.17

#1	.00338	.00137	-.00198	.00180	.00132	-.01563	.00093
#2	.00134	.00102	-.00070	.00105	.00144	-.02218	-.00009
#3	.00250	.00051	-.00156	.00060	.00296	-.01700	.00064

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.00003	-.01260	-.00020	-.00024	-.00074	-.00118
Stddev	.00004	.00006	.01097	.00024	.00019	.00041	.00010
%RSD	393.22	179.33	87.101	122.63	78.192	55.607	8.1928

#1	-.00003	.00009	-.01329	-.00042	-.00031	-.00101	-.00129
#2	-.00004	.00004	-.02320	.00006	-.00003	-.00027	-.00114
#3	.00003	-.00003	-.00129	-.00024	-.00039	-.00094	-.00111

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	-.04663	.00040	-.00021	-.04183	-.00012	-.00070
Stddev	.00004	.02589	.00040	.00032	.01201	.00016	.00004
%RSD	33.347	55.531	99.302	153.76	28.709	131.37	5.5820

#1	-.00008	-.07412	.00086	.00015	-.05076	-.00030	-.00067
#2	-.00017	-.02270	.00017	-.00047	-.04654	-.00000	-.00074
#3	-.00015	-.04306	.00017	-.00031	-.02818	-.00006	-.00068

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.03951	.00057	.00330	-.00407	-.00365	-.00259	.00147
Stddev	.01538	.00023	.00948	.00193	.00130	.00125	.00136
%RSD	38.917	40.897	287.32	47.407	35.447	48.208	92.776

#1	-.04171	.00042	.00063	-.00427	-.00299	-.00155	.00173
#2	-.02315	.00083	.01382	-.00205	-.00515	-.00224	-.00001
#3	-.05367	.00045	-.00456	-.00589	-.00282	-.00397	.00268

Sample Name: CCB02 Acquired: 5/21/2019 13:46:59 Type: Unk
Method: P4-ICP2(v3136) 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	-.00182	.0016	.00012	F 1.3022	F<.00000
Stddev	.00096	.0007	.00003	.5048	2.9477
%RSD	52.627	42.49	22.961	38.765	6591.7
#1	-.00292	.0008	.00010	1.3078	-2.5485
#2	-.00136	.0018	.00010	1.8041	3.2040
#3	-.00118	.0021	.00015	.79458	-.78968
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4014.8	51600.	4688.8	56.314	4208.1
Stddev	5.4	219.	14.5	1.245	5.7
%RSD	.13496	.42444	.30953	2.2117	.13600
#1	4008.8	51542.	4672.1	56.309	4206.2
#2	4019.2	51842.	4695.7	55.070	4203.7
#3	4016.6	51416.	4698.5	57.561	4214.6

Sample Name: LR CHECK 1 Acquired: 5/21/2019 13:51:06 Type: Unk
Method: P4-ICP2(v3136) 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	-.12268	.02257	-.09111	-.31860	.08231	1882.6	.01215	.06280
Stddev	.00776	.00397	.00340	.01656	.00309	10.6	.00097	.00094
%RSD	6.3232	17.592	3.7293	5.1980	3.7576	.56385	7.9519	1.4907

#1	-.12132	.02652	-.08720	-.33754	.07939	1874.7	.01158	.06388
#2	-.11569	.01857	-.09330	-.30689	.08199	1878.4	.01327	.06219
#3	-.13103	.02263	-.09284	-.31136	.08555	1894.7	.01161	.06233

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10160	1695.7	-.12476	.08615	.19673	988.66	-.02402	1699.1
Stddev	.00167	12.7	.00047	.00060	.00173	5.60	.00009	11.7
%RSD	1.6455	.74624	.38007	.69999	.88117	.56642	.36909	.68881

#1	.10351	1687.3	-.12449	.08643	.19796	982.46	-.02411	1690.1
#2	.10041	1710.2	-.12531	.08546	.19749	993.35	-.02394	1695.0
#3	.10089	1689.4	-.12449	.08657	.19475	990.17	-.02401	1712.3

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07218	-.28217	1767.9	.01148	.19292	976.77	-.03145	-.06838
Stddev	.00143	.00209	8.2	.00049	.00251	4.89	.00095	.01865
%RSD	1.9827	.74042	.46452	4.2680	1.2990	.50101	3.0289	27.274

#1	.07262	-.28399	1777.3	.01152	.19536	979.07	-.03077	-.04711
#2	.07335	-.28264	1762.3	.01195	.19035	971.15	-.03105	-.07608
#3	.07058	-.27989	1764.0	.01097	.19304	980.09	-.03254	-.08194

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.58877	.01525	.08559	-.05547	.08216	.1889	-1.0728	<.00000
Stddev	.00193	.00201	.00128	.00437	.00145	.0055	.0062	.16327
%RSD	.32749	13.155	1.4957	7.8834	1.7626	2.916	.57381	3.6878

#1	.58857	.01524	.08549	-.05924	.08355	.1861	-1.0660	-4.3999
#2	.58695	.01325	.08691	-.05068	.08229	.1953	-1.0780	-4.6026
#3	.59079	.01726	.08436	-.05650	.08066	.1853	-1.0744	-4.2795

Sample Name: LR CHECK 1 Acquired: 5/21/2019 13:51:06 Type: Unk
 Method: P4-ICP2(v3136) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

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

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

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2671.4	34672.	3950.2	42.433	1991.2
Stddev	4.1	127.	21.7	.602	6.8
%RSD	.15246	.36708	.54963	1.4187	.34312

#1	2671.3	34808.	3958.2	42.400	1991.2
#2	2675.5	34652.	3925.6	41.847	1998.1
#3	2667.4	34556.	3966.7	43.050	1984.4

Sample Name: LR CHECK 2 Acquired: 5/21/2019 13:56:08 Type: Unk
Method: P4-ICP2(v3136) 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	-.00415	-.00744	236.11	.02820	-.03170	-.23741	91.183	-.00125
Stddev	.00162	.00262	1.32	.00489	.00070	.00564	.239	.00004
%RSD	38.930	35.188	.55860	17.339	2.1933	2.3753	.26213	3.5511

#1	-.00392	-.00444	235.22	.02794	-.03097	-.23590	91.430	-.00120
#2	-.00266	-.00863	235.49	.03322	-.03236	-.23268	91.167	-.00125
#3	-.00587	-.00925	237.63	.02345	-.03177	-.24365	90.953	-.00129

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00586	.23871	-.13324	-.00003	255.79	-.75279	41.696	-.17152
Stddev	.00003	.00062	.00064	.00013	1.20	.00809	.132	.04550
%RSD	.53664	.26053	.48191	514.00	.47053	1.0753	.31709	26.530

#1	-.00584	.23804	-.13299	.00009	254.54	-.74496	41.646	-.11945
#2	-.00584	.23927	-.13276	.00000	255.88	-.75228	41.596	-.19145
#3	-.00589	.23883	-.13397	-.00017	256.95	-.76112	41.846	-.20366

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	48.682	.00502	.49205	-.21238	33.137	.64650	-.00732	-.00952
Stddev	.133	.00045	.01097	.00397	.213	.00683	.00043	.00712
%RSD	.27371	8.8742	2.2300	1.8674	.64147	1.0562	5.9426	74.803

#1	48.534	.00451	.50152	-.21696	32.897	.64236	-.00687	-.01489
#2	48.717	.00522	.49460	-.20994	33.303	.65438	-.00774	-.01224
#3	48.794	.00533	.48003	-.21024	33.211	.64277	-.00735	-.00144

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09486	.00578	-.00193	.01891	-.00489	.3802	.00306	1.9656
Stddev	.00478	.00332	.00026	.00143	.00123	.0105	.00005	.8499
%RSD	5.0407	57.544	13.288	7.5519	25.097	2.763	1.7908	43.238

#1	.08954	.00549	-.00182	.01726	-.00352	.3875	.00309	.99371
#2	.09881	.00261	-.00175	.01974	-.00527	.3851	.00309	2.3336
#3	.09622	.00924	-.00223	.01972	-.00588	.3682	.00299	2.5694

Sample Name: LR CHECK 2 Acquired: 5/21/2019 13:56:08 Type: Unk
Method: P4-ICP2(v3136) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .55151
%RSD 24.154

#1 -2.6811
#2 -1.6537
#3 -2.5150

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3717.4	50876.	4670.4	55.545	3847.1
Stddev	16.3	161.	42.3	1.331	24.2
%RSD	.43944	.31576	.90673	2.3957	.62795

#1	3723.7	50739.	4673.8	56.777	3867.6
#2	3729.6	51053.	4710.9	54.134	3853.3
#3	3698.8	50835.	4626.4	55.725	3820.4

Sample Name: K2935-04 Acquired: 5/21/2019 14:00:47 Type: Unk
Method: P4-ICP2(v3136) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PURGE-WATER- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02106	.00184	.03635	.00822	.00029	16.944	.11636
Stddev	.00159	.00034	.00153	.00244	.00114	.130	.00098
%RSD	7.5642	18.523	4.2186	29.693	398.40	.76459	.84002

#1	.01934	.00151	.03795	.00572	.00055	16.947	.11746
#2	.02135	.00219	.03620	.01060	-.00096	16.812	.11560
#3	.02249	.00183	.03489	.00836	.00127	17.071	.11601

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00361	-.00197	49.239	.04958	.02294	.06277	53.885
Stddev	.00003	.00003	.047	.00047	.00014	.00085	.234
%RSD	.84126	1.2874	.09613	.93932	.63220	1.3473	.43441

#1	.00363	-.00199	49.194	.04974	.02278	.06375	54.011
#2	.00357	-.00197	49.288	.04905	.02306	.06225	53.615
#3	.00362	-.00194	49.233	.04994	.02297	.06232	54.029

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47477	8.0189	.04852	-.00388	3.7391	.08776	.32706
Stddev	.00035	.0769	.00021	.00039	.0102	.00027	.00129
%RSD	.07467	.95951	.42964	9.9394	.27249	.31133	.39476

#1	.47439	8.0682	.04874	-.00345	3.7357	.08807	.32590
#2	.47509	7.9303	.04848	-.00419	3.7311	.08758	.32683
#3	.47484	8.0583	.04833	-.00400	3.7506	.08762	.32845

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.9357	.00395	.06920	F 12.640	1.6372	-.00452	.28312
Stddev	.0229	.00007	.01137	.048	.0183	.00069	.00223
%RSD	.33020	1.8757	16.436	.38037	1.1168	15.198	.78610

#1	6.9283	.00400	.05612	12.622	1.6391	-.00523	.28512
#2	6.9175	.00386	.07466	12.603	1.6545	-.00446	.28072
#3	6.9614	.00398	.07681	12.694	1.6181	-.00386	.28350

Sample Name: K2935-04 Acquired: 5/21/2019 14:00:47 Type: Unk
 Method: P4-ICP2(v3136) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PURGE-WATER- Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.03710	.9536	.36113	.21866	F<.00000
Stddev	.00079	.0052	.00065	.18339	2.3008
%RSD	2.1178	.5447	.18068	83.869	17.921

#1	.03695	.9510	.36040	.23925	-13.942
#2	.03794	.9502	.36134	.39088	-10.194
#3	.03639	.9596	.36166	.02585	-14.380

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4080.8	52489.	4947.0	55.593	3993.3
Stddev	15.5	127.	23.8	1.186	21.3
%RSD	.37936	.24256	.48140	2.1337	.53246

#1	4069.4	52345.	4942.9	54.699	4002.7
#2	4098.4	52587.	4925.5	55.141	4008.2
#3	4074.5	52535.	4972.6	56.938	3969.0

Sample Name: K2951-03 Acquired: 5/21/2019 14:05:13 Type: Unk
 Method: P4-ICP2(v3136) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-12-S Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04678	-.00736	1.0353	.01273	.00879	76.197	.97456
Stddev	.00087	.00276	.0037	.00085	.00095	.251	.00151
%RSD	1.8635	37.512	.35661	6.6887	10.825	.32999	.15528

#1	.04639	-.00877	1.0332	.01268	.00921	76.237	.97624
#2	.04618	-.00418	1.0332	.01360	.00945	75.927	.97414
#3	.04778	-.00913	1.0396	.01190	.00770	76.425	.97331

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01174	.00263	132.74	.22990	.39625	1.7765	210.18
Stddev	.00009	.00012	.53	.00042	.00067	.0024	.61
%RSD	.78929	4.6000	.40033	.18311	.16934	.13333	.28835

#1	.01167	.00251	132.26	.22981	.39562	1.7740	210.26
#2	.01184	.00262	132.65	.22953	.39617	1.7786	210.73
#3	.01170	.00276	133.31	.23036	.39695	1.7770	209.53

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1347	70.004	1.5444	-.02223	56.422	.32885	3.1260
Stddev	.0008	.034	.0025	.00026	.092	.00169	.0029
%RSD	.03518	.04919	.16249	1.1652	.16317	.51436	.09234

#1	2.1347	70.032	1.5429	-.02200	56.528	.32700	3.1228
#2	2.1340	70.016	1.5473	-.02251	56.362	.33032	3.1284
#3	2.1355	69.966	1.5431	-.02219	56.376	.32924	3.1268

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.300	.00906	.44480	F 19.972	4.4466	.07317	3.9362
Stddev	.049	.00047	.01319	.038	.0158	.00058	.0019
%RSD	.34391	5.1591	2.9650	.18814	.35417	.78696	.04853

#1	14.337	.00947	.44232	20.014	4.4560	.07382	3.9375
#2	14.318	.00855	.43302	19.957	4.4284	.07271	3.9371
#3	14.244	.00917	.45905	19.943	4.4553	.07299	3.9340

Sample Name: K2951-03 Acquired: 5/21/2019 14:05:13 Type: Unk
Method: P4-ICP2(v3136) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-12-S Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.13849	3.722	.29982	<.00000	F<.00000
Stddev	.00079	.013	.00283	.17731	.45318
%RSD	.57077	.3554	.94341	4.9234	.68870
#1	.13886	3.725	.29879	-3.4198	-65.379
#2	.13758	3.734	.29765	-3.6100	-65.745
#3	.13902	3.708	.30302	-3.7741	-66.280
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4094.6	52481.	5082.1	51.564	3524.7
Stddev	8.5	98.	19.3	.221	5.5
%RSD	.20645	.18631	.37941	.42921	.15642
#1	4102.9	52384.	5089.4	51.417	3529.8
#2	4086.0	52580.	5096.7	51.818	3518.9
#3	4094.8	52479.	5060.3	51.456	3525.3

Sample Name: K2951-03DUP Acquired: 5/21/2019 14:09:26 Type: Unk
Method: P4-ICP2(v3136) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-12-SDUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04418	-.00788	1.0323	.01455	.00853	76.473	.97564
Stddev	.00209	.00175	.0027	.00130	.00082	.306	.00506
%RSD	4.7352	22.232	.26192	8.9443	9.5735	.40070	.51815

#1	.04219	-.00987	1.0335	.01566	.00859	76.485	.97451
#2	.04636	-.00721	1.0342	.01487	.00768	76.774	.98116
#3	.04398	-.00656	1.0292	.01312	.00931	76.161	.97124

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01194	.00305	129.20	.23021	.40383	1.7972	211.97
Stddev	.00019	.00008	.52	.00062	.00060	.0019	1.14
%RSD	1.5749	2.5829	.40124	.26950	.14763	.10449	.53980

#1	.01174	.00297	129.35	.22986	.40321	1.7980	213.21
#2	.01212	.00312	128.62	.23093	.40389	1.7986	211.76
#3	.01196	.00305	129.63	.22986	.40440	1.7951	210.95

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1565	67.479	1.5632	-.02216	57.258	.33554	3.1462
Stddev	.0022	.425	.0027	.00024	.230	.00085	.0032
%RSD	.10191	.62913	.17224	1.1011	.40179	.25357	.10025

#1	2.1589	66.989	1.5657	-.02188	57.304	.33648	3.1491
#2	2.1545	67.735	1.5603	-.02226	57.462	.33482	3.1429
#3	2.1562	67.713	1.5635	-.02234	57.008	.33533	3.1465

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.196	.00944	.43616	F 20.217	4.4454	.06919	3.9546
Stddev	.098	.00044	.00943	.035	.0352	.00007	.0078
%RSD	.69100	4.6671	2.1619	.17128	.79228	.10289	.19691

#1	14.134	.00987	.42622	20.235	4.4518	.06911	3.9468
#2	14.309	.00946	.44498	20.177	4.4074	.06921	3.9548
#3	14.144	.00899	.43730	20.239	4.4770	.06925	3.9623

Sample Name: K2951-03DUP Acquired: 5/21/2019 14:09:26 Type: Unk
Method: P4-ICP2(v3136) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-12-SDUP Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.13815	3.812	.29691	<.00000	F<.00000
Stddev	.00088	.004	.00288	.10110	3.0804
%RSD	.63609	.0992	.96980	3.2791	4.2456
#1	.13721	3.810	.29659	-3.1433	-76.109
#2	.13895	3.816	.29420	-2.9664	-70.865
#3	.13829	3.810	.29993	-3.1397	-70.688
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4096.2	52951.	5135.8	51.809	3524.1
Stddev	6.1	91.	36.7	1.428	8.9
%RSD	.14929	.17205	.71535	2.7565	.25161
#1	4089.1	52881.	5120.2	53.043	3514.4
#2	4100.2	52918.	5177.8	50.245	3531.7
#3	4099.2	53054.	5109.5	52.139	3526.4

Sample Name: K2951-03LX5 Acquired: 5/21/2019 14:13:40 Type: Unk
Method: P4-ICP2(v3136) 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	.01150	-.00034	.21389	.00438	.00200	15.851	.20698
Stddev	.00125	.00196	.00091	.00291	.00070	.054	.00142
%RSD	10.903	573.95	.42669	66.316	35.045	.34056	.68629

#1	.01189	-.00148	.21309	.00337	.00180	15.896	.20612
#2	.01251	-.00147	.21368	.00212	.00143	15.865	.20862
#3	.01009	.00193	.21488	.00766	.00279	15.791	.20620

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00229	-.00103	29.644	.05022	.07814	.40348	53.100
Stddev	.00003	.00007	.130	.00008	.00029	.00123	.421
%RSD	1.1924	6.3839	.43700	.15599	.36693	.30423	.79219

#1	.00232	-.00108	29.540	.05023	.07812	.40213	53.117
#2	.00227	-.00105	29.603	.05030	.07843	.40379	53.511
#3	.00229	-.00095	29.789	.05014	.07786	.40453	52.670

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47652	15.048	.30698	-.00414	11.856	.07192	.60306
Stddev	.00069	.104	.00136	.00017	.069	.00080	.00098
%RSD	.14379	.68893	.44164	4.1377	.58342	1.1101	.16242

#1	.47730	15.044	.30544	-.00430	11.799	.07246	.60193
#2	.47604	15.154	.30802	-.00396	11.933	.07230	.60362
#3	.47621	14.947	.30747	-.00416	11.836	.07101	.60364

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.0377	.00190	.11180	3.7773	1.0187	.01111	.85857
Stddev	.0398	.00018	.01035	.0160	.0070	.00065	.00478
%RSD	1.3085	9.7078	9.2538	.42261	.68414	5.8152	.55645

#1	2.9975	.00169	.10260	3.7609	1.0267	.01067	.86274
#2	3.0770	.00204	.10981	3.7928	1.0152	.01185	.85962
#3	3.0387	.00197	.12300	3.7783	1.0142	.01081	.85335

Sample Name: K2951-03LX5 Acquired: 5/21/2019 14:13:40 Type: Unk
Method: P4-ICP2(v3136) 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	.02780	.7203	.05850	1.2430	F<.00000
Stddev	.00088	.0018	.00039	.2373	2.2920
%RSD	3.1799	.2453	.67334	19.091	56.451

#1	.02682	.7200	.05839	1.0705	-3.3612
#2	.02855	.7186	.05817	1.1450	-6.6201
#3	.02802	.7221	.05894	1.5137	-2.1990

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4009.5	51195.	4796.3	53.359	3937.6
Stddev	7.5	112.	25.3	2.151	6.1
%RSD	.18702	.21790	.52732	4.0319	.15601

#1	4017.6	51171.	4794.4	54.130	3944.6
#2	4008.1	51098.	4822.4	55.019	3933.3
#3	4002.7	51317.	4772.0	50.929	3934.8

Sample Name: K2951-03MS Acquired: 5/21/2019 14:18:02 Type: Unk
Method: P4-ICP2(v3136) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-12-SMS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.73672	1.8799	2.2282	1.7311	.18441	87.186	1.3170
Stddev	.00297	.0062	.0017	.0039	.00169	.339	.0050
%RSD	.40348	.33019	.07730	.22463	.91407	.38890	.37844

#1	.73927	1.8870	2.2286	1.7269	.18613	86.824	1.3113
#2	.73742	1.8756	2.2298	1.7346	.18434	87.238	1.3193
#3	.73345	1.8770	2.2264	1.7318	.18276	87.496	1.3204

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19044	.19522	128.72	.79327	.63130	2.3760	199.96
Stddev	.00104	.00077	.39	.00061	.00076	.0030	1.20
%RSD	.54491	.39505	.30195	.07699	.12030	.12537	.59977

#1	.18925	.19521	128.28	.79319	.63184	2.3794	201.23
#2	.19089	.19600	128.87	.79270	.63163	2.3739	198.85
#3	.19117	.19446	129.01	.79392	.63043	2.3747	199.80

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3041	62.407	2.1514	.04423	71.155	.58966	4.7671
Stddev	.0037	.367	.0069	.00023	.159	.00026	.0150
%RSD	.15859	.58844	.32068	.51711	.22311	.04410	.31441

#1	2.2999	62.030	2.1570	.04402	70.996	.58936	4.7752
#2	2.3055	62.763	2.1534	.04419	71.154	.58983	4.7764
#3	2.3068	62.429	2.1437	.04447	71.314	.58978	4.7498

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.923	.34705	.68446	F 20.483	5.5339	.83624	4.6017
Stddev	.092	.00146	.01625	.096	.0487	.00100	.0121
%RSD	.38460	.42200	2.3741	.46790	.88039	.11915	.26338

#1	23.817	.34819	.68237	20.465	5.5848	.83613	4.5920
#2	23.978	.34540	.66936	20.586	5.5293	.83729	4.5978
#3	23.975	.34755	.70165	20.397	5.4876	.83531	4.6153

Sample Name: K2951-03MS Acquired: 5/21/2019 14:18:02 Type: Unk
 Method: P4-ICP2(v3136) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-12-SMS Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.32605	9.642	.57903	<.00000	F<.00000
Stddev	.00339	.011	.00351	.23003	.37331
%RSD	1.0408	.1091	.60553	8.8815	.53484
#1	.32358	9.634	.57499	-2.8311	-69.380
#2	.32467	9.637	.58093	-2.5657	-70.096
#3	.32992	9.654	.58118	-2.3730	-69.922
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4115.0	52940.	5113.5	50.385	3505.1
Stddev	5.3	97.	15.4	.860	11.2
%RSD	.12891	.18408	.30117	1.7059	.32034
#1	4109.1	52834.	5096.4	50.658	3498.6
#2	4119.3	52959.	5117.8	51.075	3498.7
#3	4116.7	53027.	5126.3	49.422	3518.1

Sample Name: K2951-03MSD Acquired: 5/21/2019 14:22:20 Type: Unk
Method: P4-ICP2(v3136) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-12-SMSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.74168	1.8938	2.1851	1.7446	.18616	87.772	1.3225
Stddev	.00319	.0057	.0049	.0100	.00113	.103	.0032
%RSD	.43022	.30034	.22510	.57415	.60437	.11734	.24334

#1	.74149	1.8930	2.1873	1.7538	.18501	87.748	1.3244
#2	.74496	1.8886	2.1795	1.7460	.18621	87.683	1.3188
#3	.73859	1.8999	2.1886	1.7339	.18726	87.885	1.3244

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19200	.19613	130.36	.85378	.63071	2.3548	199.88
Stddev	.00073	.00098	.11	.00368	.00145	.0054	.64
%RSD	.37782	.49857	.08484	.43103	.23059	.23049	.31876

#1	.19142	.19632	130.29	.85509	.63141	2.3553	199.25
#2	.19282	.19507	130.31	.85662	.62904	2.3491	200.52
#3	.19177	.19700	130.49	.84962	.63168	2.3599	199.87

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2957	62.776	2.1697	.04537	71.049	.59291	4.4457
Stddev	.0056	.198	.0078	.00009	.181	.00147	.0294
%RSD	.24430	.31506	.36129	.19781	.25414	.24824	.66045

#1	2.2948	62.770	2.1777	.04537	71.237	.59340	4.4237
#2	2.3017	62.977	2.1620	.04529	70.877	.59407	4.4344
#3	2.2905	62.582	2.1692	.04547	71.033	.59125	4.4790

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.144	.35180	.69385	F 20.982	5.7991	.82168	4.6612
Stddev	.047	.00048	.01562	.080	.0202	.00254	.0058
%RSD	.19357	.13651	2.2517	.38138	.34899	.30969	.12411

#1	24.178	.35231	.67652	21.056	5.8216	.82422	4.6645
#2	24.090	.35173	.70685	20.897	5.7931	.82170	4.6545
#3	24.163	.35136	.69817	20.992	5.7824	.81913	4.6645

Sample Name: K2951-03MSD Acquired: 5/21/2019 14:22:20 Type: Unk
Method: P4-ICP2(v3136) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-12-SMSD Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.33133	9.744	.59772	<.00000	F<.00000
Stddev	.00166	.026	.00157	.18667	4.4684
%RSD	.50212	.2684	.26192	7.1414	6.3187
#1	.32947	9.771	.59849	-2.4871	-66.837
#2	.33181	9.742	.59592	-2.8283	-75.603
#3	.33270	9.718	.59874	-2.5263	-69.713
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4128.0	53294.	5102.1	52.327	3518.0
Stddev	4.8	178.	21.3	.509	8.8
%RSD	.11600	.33465	.41714	.97277	.24990
#1	4125.4	53208.	5106.3	52.263	3514.3
#2	4133.5	53174.	5079.0	51.853	3528.0
#3	4125.1	53499.	5121.0	52.865	3511.6

Sample Name: K2951-03A Acquired: 5/21/2019 14:26:37 Type: Unk
Method: P4-ICP2(v3136) 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	.74135	1.8819	2.2524	1.7492	.18675	86.748	1.3227
Stddev	.00352	.0042	.0011	.0052	.00189	.223	.0004
%RSD	.47439	.22365	.04931	.29640	1.0147	.25714	.03364

#1	.73774	1.8867	2.2514	1.7437	.18533	86.969	1.3224
#2	.74476	1.8791	2.2521	1.7498	.18603	86.523	1.3232
#3	.74156	1.8798	2.2536	1.7540	.18891	86.752	1.3225

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19039	.19529	128.79	.77218	.63615	2.3795	199.02
Stddev	.00089	.00063	.67	.00220	.00038	.0061	.86
%RSD	.46721	.32013	.52067	.28488	.06002	.25651	.42976

#1	.18949	.19564	128.04	.76973	.63574	2.3778	198.95
#2	.19041	.19567	129.34	.77280	.63650	2.3862	198.19
#3	.19127	.19457	129.00	.77400	.63619	2.3744	199.90

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3062	62.519	2.1505	.04437	71.380	.58881	4.8864
Stddev	.0049	.058	.0052	.00038	.055	.00120	.0077
%RSD	.21257	.09230	.24335	.85735	.07743	.20339	.15773

#1	2.3011	62.579	2.1542	.04416	71.440	.58864	4.8939
#2	2.3065	62.464	2.1527	.04481	71.331	.58770	4.8868
#3	2.3109	62.514	2.1445	.04415	71.371	.59008	4.8785

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.011	.34646	.68194	F 20.528	5.5322	.84722	4.5841
Stddev	.015	.00082	.01978	.065	.0144	.00236	.0274
%RSD	.06316	.23804	2.9007	.31513	.26116	.27908	.59863

#1	23.996	.34570	.66249	20.584	5.5168	.84856	4.5529
#2	24.012	.34734	.68128	20.542	5.5344	.84449	4.6045
#3	24.026	.34634	.70204	20.457	5.5455	.84861	4.5949

Sample Name: K2951-03A Acquired: 5/21/2019 14:26:37 Type: Unk
Method: P4-ICP2(v3136) 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	.32048	9.679	.57807	<.00000	F<.00000
Stddev	.00159	.011	.00328	.09490	.59410
%RSD	.49680	.1181	.56815	4.9688	.80628
#1	.31960	9.667	.57512	-2.0061	-73.648
#2	.31952	9.690	.58161	-1.9070	-74.296
#3	.32231	9.680	.57747	-1.8164	-73.109
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4133.1	53458.	5178.6	51.963	3513.8
Stddev	9.7	85.	16.1	1.421	7.1
%RSD	.23533	.15950	.31007	2.7348	.20244
#1	4133.5	53359.	5197.0	50.330	3507.4
#2	4123.1	53504.	5167.6	52.916	3512.7
#3	4142.6	53509.	5171.3	52.643	3521.5

Sample Name: K2951-09 Acquired: 5/21/2019 14:30:55 Type: Unk
Method: P4-ICP2(v3136) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-14-S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16107	-.01442	159.60	-.08406	.07749	102.98	5.5760
Stddev	.00100	.00190	.47	.00663	.00274	.57	.0354
%RSD	.61896	13.194	.29182	7.8932	3.5370	.55610	.63438

#1	.16057	-.01609	159.10	-.09172	.08036	103.38	5.6168
#2	.16042	-.01235	159.67	-.08045	.07721	103.23	5.5555
#3	.16222	-.01483	160.02	-.08001	.07490	102.32	5.5556

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04156	.04002	141.02	.41792	.97520	5.2901	554.41
Stddev	.00021	.00049	.83	.00106	.00224	.0070	2.92
%RSD	.51362	1.2143	.58562	.25266	.22960	.13190	.52609

#1	.04165	.04058	140.91	.41684	.97341	5.2977	551.11
#2	.04131	.03977	140.26	.41799	.97448	5.2887	556.65
#3	.04171	.03970	141.90	.41895	.97771	5.2839	555.48

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.282	24.543	3.5686	-.12009	96.095	.27627	11.152
Stddev	.109	.103	.0099	.00071	.594	.00154	.026
%RSD	.62931	.41906	.27689	.59126	.61808	.55630	.22885

#1	17.276	24.653	3.5594	-.11944	96.781	.27471	11.125
#2	17.393	24.450	3.5673	-.11999	95.745	.27631	11.155
#3	17.176	24.526	3.5790	-.12085	95.759	.27779	11.176

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.651	.01080	.34949	F 160.74	4.9434	.39300	4.7593
Stddev	.098	.00021	.00778	.24	.0494	.00417	.0150
%RSD	.67026	1.9176	2.2260	.14686	.99858	1.0620	.31595

#1	14.764	.01068	.34863	160.47	4.9201	.38839	4.7431
#2	14.584	.01068	.34217	160.89	4.9100	.39651	4.7618
#3	14.606	.01104	.35766	160.87	5.0001	.39411	4.7729

Sample Name: K2951-09 Acquired: 5/21/2019 14:30:55 Type: Unk
 Method: P4-ICP2(v3136) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-14-S Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.10862	6.927	.39583	<.00000	F<.00000
Stddev	.00093	.009	.00558	.80701	5.9703
%RSD	.85737	.1269	1.4087	6.9642	.85275
#1	.10799	6.932	.40134	-12.283	-706.43
#2	.10819	6.932	.39019	-11.779	-699.37
#3	.10969	6.917	.39598	-10.703	-694.56
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3922.2	51582.	5082.8	50.965	3174.4
Stddev	5.7	58.	28.9	1.715	7.4
%RSD	.14540	.11178	.56806	3.3647	.23155
#1	3916.2	51614.	5110.2	52.452	3181.2
#2	3923.0	51516.	5085.4	49.089	3175.5
#3	3927.5	51617.	5052.6	51.354	3166.6

Sample Name: CCV03 Acquired: 5/21/2019 14:35:28 Type: Unk
Method: P4-ICP2(v3136) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9329	5.0116	4.9261	4.9556	4.9236	9.6787	9.8885	.24753
Stddev	.0079	.0220	.0137	.0097	.0031	.0560	.0339	.00095
%RSD	.15927	.43921	.27772	.19601	.06221	.57826	.34299	.38524
#1	4.9390	5.0350	4.9392	4.9547	4.9268	9.7286	9.8554	.24655
#2	4.9241	5.0086	4.9119	4.9657	4.9207	9.6182	9.8871	.24757
#3	4.9356	4.9913	4.9271	4.9464	4.9232	9.6893	9.9231	.24846
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4389	25.114	.99725	2.4452	1.2439	4.9767	2.4901	24.447
Stddev	.0097	.131	.00125	.0084	.0012	.0041	.0044	.040
%RSD	.39679	.52128	.12555	.34180	.09352	.08317	.17712	.16540
#1	2.4479	25.001	.99670	2.4545	1.2429	4.9726	2.4877	24.462
#2	2.4287	25.084	.99637	2.4383	1.2437	4.9809	2.4874	24.401
#3	2.4402	25.258	.99869	2.4428	1.2452	4.9767	2.4952	24.478
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4615	1.2354	24.504	2.5062	2.4577	24.990	5.0065	4.9418
Stddev	.0060	.0014	.115	.0008	.0088	.116	.0039	.0187
%RSD	.24356	.11762	.47096	.03288	.35621	.46234	.07867	.37824
#1	2.4676	1.2370	24.630	2.5055	2.4663	25.119	5.0034	4.9623
#2	2.4557	1.2343	24.479	2.5071	2.4488	24.953	5.0052	4.9258
#3	2.4611	1.2348	24.403	2.5062	2.4579	24.897	5.0110	4.9373
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9533	5.0501	4.9595	4.9645	4.9245	4.929	5.0163	F 2.9974
Stddev	.0164	.0246	.0191	.0093	.0071	.021	.0006	.2260
%RSD	.33043	.48722	.38590	.18652	.14356	.4188	.01203	7.5389
#1	4.9705	5.0217	4.9812	4.9709	4.9316	4.948	5.0170	3.1220
#2	4.9516	5.0639	4.9520	4.9539	4.9174	4.933	5.0159	3.1336
#3	4.9379	5.0647	4.9452	4.9687	4.9245	4.907	5.0160	2.7365

Sample Name: CCV03 Acquired: 5/21/2019 14:35:28 Type: Unk
Method: P4-ICP2(v3136) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 1.5361
Stddev	5.2154
%RSD	339.52

#1	-2.3650
#2	7.4598
#3	-.48657

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3856.0	49023.	4560.6	51.821	3750.0
Stddev	7.8	115.	23.1	.727	18.2
%RSD	.20336	.23391	.50581	1.4025	.48436

#1	3847.4	48944.	4585.1	50.983	3729.3
#2	3862.8	49155.	4557.4	52.201	3763.0
#3	3857.9	48972.	4539.3	52.280	3757.7

Sample Name: CCB03 Acquired: 5/21/2019 14:44:04 Type: Unk
Method: P4-ICP2(v3136) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB119924BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00095	.00168	.00587	-.00164	.00045	-.01160	.00021	-.00001
Stddev	.00042	.00079	.00058	.00232	.00004	.00645	.00028	.00001
%RSD	44.639	46.797	9.9645	141.98	8.1878	55.620	134.18	99.725

#1	-.00047	.00135	.00602	-.00373	.00048	-.01525	.00053	-.00003
#2	-.00108	.00258	.00636	-.00205	.00046	-.01541	.00006	-.00001
#3	-.00128	.00112	.00522	.00087	.00041	-.00415	.00003	-.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.01024	-.00034	-.00032	-.00075	-.00084	-.00019	-.02667
Stddev	.00003	.00936	.00037	.00009	.00023	.00010	.00005	.08099
%RSD	202.84	91.392	109.53	26.338	29.894	11.638	27.858	303.68

#1	.00002	-.01335	-.00018	-.00042	-.00051	-.00095	-.00016	.00629
#2	.00003	-.01763	-.00077	-.00026	-.00095	-.00077	-.00025	.03264
#3	-.00002	.00028	-.00008	-.00029	-.00081	-.00079	-.00016	-.11894

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00027	-.00017	.00231	-.00004	-.00001	.00648	.00019	-.01850
Stddev	.00013	.00013	.00255	.00004	.00009	.00700	.00006	.01199
%RSD	46.795	81.156	110.75	91.867	1017.6	107.97	33.749	64.842

#1	.00023	-.00002	.00156	-.00005	.00009	-.00156	.00020	-.00614
#2	.00017	-.00020	.00515	.00000	-.00006	.01121	.00024	-.03009
#3	.00041	-.00028	.00021	-.00007	-.00006	.00979	.00012	-.01926

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00302	-.00338	-.00370	.00086	-.00204	.0013	.00003	1.1010
Stddev	.00036	.00114	.00012	.00138	.00104	.0012	.00004	.5961
%RSD	11.877	33.673	3.1367	160.65	50.824	98.83	130.44	54.148

#1	.00322	-.00329	-.00377	.00083	-.00129	-.0001	-.00001	1.6952
#2	.00261	-.00456	-.00377	.00226	-.00322	.0024	.00005	1.1048
#3	.00323	-.00229	-.00357	-.00050	-.00161	.0014	.00005	.50290

Sample Name: CCB03 Acquired: 5/21/2019 14:44:04 Type: Unk
 Method: P4-ICP2(v3136) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB119924BL Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.3447
Stddev	2.4419
%RSD	181.60

#1	3.9302
#2	1.0262
#3	-.92241

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4037.5	51791.	4691.8	55.683	4244.4
Stddev	2.1	219.	27.9	.862	2.9
%RSD	.05080	.42208	.59386	1.5475	.06737

#1	4039.8	52043.	4661.0	56.400	4244.6
#2	4036.4	51657.	4699.1	54.727	4247.2
#3	4036.2	51673.	4715.3	55.923	4241.5

Sample Name: PB119925BS Acquired: 5/21/2019 15:07:31 Type: Unk
Method: P4-ICP2(v3136) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB119924BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.72184	1.9087	.93318	1.8369	.73994	1.8354	.19293	.18401
Stddev	.00052	.0040	.00418	.0093	.00468	.0231	.00182	.00030
%RSD	.07145	.20719	.44831	.50399	.63255	1.2599	.94290	.16288
#1	.72185	1.9124	.93512	1.8458	.74162	1.8133	.19307	.18433
#2	.72234	1.9092	.93603	1.8375	.74354	1.8594	.19467	.18374
#3	.72131	1.9045	.92837	1.8273	.73465	1.8336	.19104	.18398
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18183	1.0176	.40094	.18875	.30249	2.9968	.19938	1.8259
Stddev	.00098	.0189	.00206	.00080	.00088	.0056	.00034	.0693
%RSD	.54049	1.8556	.51277	.42610	.29003	.18746	.17250	3.7924
#1	.18254	1.0072	.39892	.18909	.30288	2.9904	.19914	1.7467
#2	.18224	1.0062	.40303	.18933	.30311	3.0012	.19977	1.8748
#3	.18070	1.0394	.40088	.18783	.30149	2.9987	.19922	1.8562
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47531	.06921	2.8784	.29935	.18557	9.6031	.39765	.26634
Stddev	.00166	.00027	.0248	.00145	.00103	.0995	.00221	.00659
%RSD	.34937	.39064	.86063	.48368	.55591	1.0357	.55686	2.4749
#1	.47660	.06925	2.8580	.29769	.18599	9.5391	.39864	.26924
#2	.47591	.06893	2.9060	.30006	.18632	9.7176	.39920	.27098
#3	.47344	.06947	2.8713	.30031	.18439	9.5524	.39512	.25879
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .00136	.87315	.64799	.19678	.19833	F 5.116	F .19464	<.00000
Stddev	.00167	.00394	.00148	.00396	.00078	.030	.00029	.31105
%RSD	122.43	.45159	.22782	2.0148	.39113	.5833	.14724	690.55
#1	.00306	.87165	.64856	.19750	.19821	5.135	.19478	.19920
#2	-.00027	.87017	.64909	.20034	.19762	5.131	.19483	-.39522
#3	.00129	.87762	.64631	.19251	.19916	5.082	.19431	.06089

Sample Name: PB119925BS Acquired: 5/21/2019 15:07:31 Type: Unk
Method: P4-ICP2(v3136) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB119924BS Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	2.2347
%RSD	27.261

#1	-7.4521
#2	-10.710
#3	-6.4307

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3965.2	50667.	4547.0	53.708	4112.2
Stddev	20.2	176.	21.9	1.081	23.0
%RSD	.50956	.34804	.48108	2.0135	.56022

#1	3944.8	50511.	4526.9	52.866	4088.3
#2	3965.7	50632.	4570.3	53.330	4114.2
#3	3985.2	50858.	4543.8	54.927	4134.2

Sample Name: K2902-02 Acquired: 5/21/2019 15:11:39 Type: Unk
Method: P4-ICP2(v3136) 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	.00131	.00064	.00536	.01197	.00063	12.414	.02862	.00060
Stddev	.00151	.00043	.00122	.00234	.00147	.077	.00011	.00006
%RSD	115.00	66.883	22.697	19.514	233.06	.62162	.39923	10.639
#1	-.00041	.00026	.00466	.01221	.00161	12.325	.02859	.00056
#2	.00195	.00055	.00676	.01417	.00134	12.450	.02875	.00057
#3	.00240	.00110	.00465	.00952	-.00106	12.466	.02853	.00068
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01564	29.169	.02046	.00222	.03990	16.328	.02244	2.8503
Stddev	.00009	.032	.00046	.00010	.00056	.003	.00006	.0244
%RSD	.58296	.10832	2.2517	4.6674	1.3998	.01529	.26294	.85674
#1	.01556	29.155	.02006	.00217	.03967	16.329	.02247	2.8757
#2	.01562	29.146	.02035	.00216	.04054	16.325	.02237	2.8484
#3	.01574	29.205	.02096	.00234	.03949	16.330	.02248	2.8270
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09070	-.00095	42.675	.02631	.07381	3.7632	.00139	.04558
Stddev	.00068	.00023	.145	.00010	.00066	.0210	.00019	.02615
%RSD	.74497	23.899	.33872	.38280	.89328	.55905	13.345	57.376
#1	.09093	-.00104	42.531	.02624	.07373	3.7487	.00133	.03043
#2	.08993	-.00112	42.820	.02626	.07319	3.7536	.00125	.07577
#3	.09122	-.00069	42.674	.02643	.07450	3.7873	.00161	.03053
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5101	F 15.531	-.00290	.20896	.00582	.2773	.21825	.90671
Stddev	.0220	.009	.00020	.00243	.00134	.0011	.00063	.08634
%RSD	.87674	.06072	6.7940	1.1630	22.943	.4129	.28815	9.5221
#1	2.4893	15.540	-.00275	.20634	.00621	.2769	.21762	.82363
#2	2.5079	15.522	-.00312	.20942	.00691	.2765	.21887	.99598
#3	2.5332	15.530	-.00282	.21113	.00433	.2786	.21826	.90052

Sample Name: K2902-02 Acquired: 5/21/2019 15:11:39 Type: Unk
Method: P4-ICP2(v3136) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.9826
Stddev	2.4174
%RSD	121.93

#1	3.0710
#2	3.6644
#3	-.78775

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3914.0	50135.	4589.0	52.700	3931.1
Stddev	16.8	46.	8.9	1.899	11.1
%RSD	.42956	.09097	.19439	3.6029	.28248

#1	3906.7	50095.	4583.3	53.386	3930.4
#2	3902.0	50185.	4599.3	54.160	3942.6
#3	3933.2	50123.	4584.4	50.553	3920.4

Sample Name: K2902-02DUP Acquired: 5/21/2019 15:16:01 Type: Unk
Method: P4-ICP2(v3136) 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	.00417	-.00116	.00457	.01124	-.00037	12.485	.02879	.00064
Stddev	.00267	.00224	.00062	.00289	.00091	.065	.00066	.00005
%RSD	64.052	193.21	13.656	25.667	245.37	.51682	2.2972	7.1396
#1	.00374	-.00105	.00527	.00807	-.00142	12.523	.02824	.00068
#2	.00174	.00103	.00409	.01372	.00011	12.411	.02860	.00066
#3	.00703	-.00346	.00435	.01193	.00020	12.522	.02952	.00059
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01567	29.247	.02028	.00220	.03980	16.414	.02242	2.9249
Stddev	.00010	.195	.00025	.00009	.00017	.022	.00003	.0107
%RSD	.65997	.66692	1.2555	4.0788	.42965	.13409	.13338	.36532
#1	.01566	29.044	.02021	.00213	.03988	16.416	.02239	2.9293
#2	.01557	29.433	.02007	.00217	.03961	16.434	.02245	2.9327
#3	.01578	29.264	.02056	.00230	.03992	16.391	.02241	2.9127
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09084	-.00076	43.091	.02659	.07265	3.8091	.00166	.05003
Stddev	.00042	.00038	.033	.00051	.00012	.0281	.00006	.00415
%RSD	.46627	50.502	.07545	1.9245	.16534	.73747	3.3474	8.2933
#1	.09081	-.00046	43.077	.02613	.07251	3.8342	.00170	.05433
#2	.09043	-.00119	43.128	.02714	.07270	3.8142	.00160	.04971
#3	.09128	-.00062	43.068	.02651	.07274	3.7788	.00167	.04605
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5522	F 15.304	-.00324	.20644	.00536	.2813	.21787	2.4137
Stddev	.0033	.047	.00012	.00020	.00209	.0026	.00130	.3628
%RSD	.12864	.30789	3.6311	.09598	39.017	.9113	.59658	15.029
#1	2.5558	15.352	-.00315	.20623	.00722	.2839	.21795	2.1140
#2	2.5494	15.302	-.00319	.20647	.00310	.2811	.21913	2.8170
#3	2.5513	15.257	-.00337	.20662	.00577	.2788	.21653	2.3101

Sample Name: K2902-02DUP Acquired: 5/21/2019 15:16:01 Type: Unk
Method: P4-ICP2(v3136) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	4.0424
Stddev	3.8272
%RSD	94.675

#1	2.3958
#2	1.3142
#3	8.4173

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3938.6	50561.	4699.1	53.478	3938.5
Stddev	4.4	202.	26.9	1.018	10.3
%RSD	.11258	.39920	.57336	1.9031	.26054

#1	3942.9	50344.	4684.9	52.669	3940.6
#2	3934.1	50597.	4682.3	53.145	3927.3
#3	3938.7	50743.	4730.2	54.621	3947.5

Sample Name: K2902-02LX5 Acquired: 5/21/2019 15:20:21 Type: Unk
Method: P4-ICP2(v3136) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00087	-.00017	.00344	.00232	.00082	2.4757	.00608	.00018
Stddev	.00091	.00104	.00038	.00251	.00090	.0204	.00051	.00005
%RSD	105.10	608.45	11.074	107.84	109.52	.82462	8.3124	26.663

#1	-.00087	.00057	.00324	.00385	.00179	2.4540	.00630	.00024
#2	.00004	-.00135	.00388	.00369	.00065	2.4945	.00550	.00016
#3	-.00178	.00027	.00320	-.00057	.00002	2.4787	.00644	.00015

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00322	5.9990	.00399	.00008	.00779	3.4279	.00452	.56454
Stddev	.00006	.0487	.00052	.00015	.00017	.0086	.00007	.01552
%RSD	1.8569	.81245	13.097	187.56	2.1382	.25075	1.6212	2.7491

#1	.00325	5.9438	.00381	-.00006	.00797	3.4352	.00450	.57515
#2	.00326	6.0359	.00457	.00006	.00775	3.4184	.00460	.57174
#3	.00315	6.0175	.00357	.00023	.00764	3.4299	.00445	.54673

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01893	-.00025	8.8433	.00527	.01440	.76669	.00042	.01168
Stddev	.00022	.00047	.0291	.00009	.00007	.02955	.00014	.00916
%RSD	1.1548	186.51	.32878	1.6863	.45246	3.8538	34.862	78.467

#1	.01918	-.00036	8.8115	.00528	.01442	.73290	.00047	.02225
#2	.01887	-.00065	8.8496	.00536	.01432	.77953	.00052	.00609
#3	.01875	.00026	8.8686	.00518	.01445	.78765	.00025	.00669

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51065	3.2598	-.00363	.04440	-.00124	.0574	.04475	1.3277
Stddev	.00135	.0084	.00018	.00072	.00057	.0012	.00024	.2113
%RSD	.26421	.25733	4.9716	1.6315	46.235	2.102	.54676	15.915

#1	.50973	3.2668	-.00364	.04376	-.00129	.0573	.04447	1.1569
#2	.51002	3.2505	-.00344	.04425	-.00064	.0562	.04490	1.2622
#3	.51220	3.2622	-.00380	.04518	-.00178	.0586	.04489	1.5639

Sample Name: K2902-02LX5 Acquired: 5/21/2019 15:20:21 Type: Unk
 Method: P4-ICP2(v3136) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .96925
 Stddev 1.6738
 %RSD 172.69

#1 1.2858
 #2 2.4622
 #3 -.84021

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4035.0	51629.	4715.4	54.422	4154.2
Stddev	6.7	35.	26.4	.418	3.2
%RSD	.16631	.06876	.55977	.76724	.07807

#1	4033.9	51646.	4724.0	54.303	4150.7
#2	4042.2	51653.	4736.4	54.886	4157.1
#3	4028.9	51589.	4685.8	54.077	4154.7

Sample Name: K2902-03 Acquired: 5/21/2019 15:24:44 Type: Unk
Method: P4-ICP2(v3136) 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	.70469	1.8198	.89213	1.7965	.70862	14.052	.21699	.17922
Stddev	.00469	.0059	.00042	.0062	.00301	.069	.00222	.00016
%RSD	.66551	.32530	.04665	.34232	.42449	.48980	1.0250	.08722
#1	.70122	1.8160	.89260	1.8012	.70614	13.981	.21475	.17930
#2	.70283	1.8266	.89181	1.7895	.71196	14.119	.21702	.17931
#3	.71003	1.8167	.89199	1.7987	.70775	14.056	.21920	.17904
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19139	29.902	.40011	.18314	.32082	18.873	.20870	4.7098
Stddev	.00013	.112	.00066	.00040	.00154	.013	.00024	.1197
%RSD	.06752	.37326	.16422	.21806	.47892	.06810	.11514	2.5416
#1	.19146	29.773	.40064	.18273	.32065	18.864	.20892	4.7324
#2	.19124	29.973	.39937	.18317	.31937	18.888	.20844	4.5804
#3	.19147	29.960	.40031	.18353	.32243	18.866	.20872	4.8165
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.54503	.06416	45.188	.31594	.24801	13.155	.38597	.32701
Stddev	.00109	.00015	.410	.00109	.00025	.167	.00136	.01522
%RSD	.19945	.24091	.90641	.34395	.09981	1.2718	.35120	4.6557
#1	.54522	.06423	44.734	.31577	.24826	13.001	.38446	.31542
#2	.54601	.06398	45.302	.31495	.24777	13.130	.38638	.34426
#3	.54386	.06427	45.529	.31710	.24798	13.333	.38708	.32136
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4965	F 16.173	.64421	.39529	.19370	5.448	.39884	1.6628
Stddev	.0039	.091	.00194	.00422	.00280	.011	.00126	.4779
%RSD	.15557	.56393	.30119	1.0685	1.4481	.2013	.31554	28.740
#1	2.4952	16.267	.64204	.39300	.19365	5.448	.39756	2.1855
#2	2.4934	16.168	.64485	.39271	.19653	5.460	.40007	1.5547
#3	2.5008	16.085	.64575	.40016	.19092	5.438	.39890	1.2482

Sample Name: K2902-03 Acquired: 5/21/2019 15:24:44 Type: Unk
Method: P4-ICP2(v3136) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev 3.1505
%RSD 1590.1

#1 -1.1710
#2 3.3240
#3 -2.7474

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3917.3	49851.	4577.2	52.443	3911.5
Stddev	8.6	89.	27.1	1.305	4.0
%RSD	.21998	.17892	.59195	2.4894	.10325

#1	3924.0	49942.	4555.1	51.433	3913.4
#2	3920.3	49763.	4569.1	51.979	3906.8
#3	3907.6	49849.	4607.4	53.917	3914.2

Sample Name: K2902-06 Acquired: 5/21/2019 15:28:47 Type: Unk
Method: P4-ICP2(v3136) 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	-.00312	.00502	.00209	.00296	.00132	1.5826	.04018	.00031
Stddev	.00061	.00165	.00103	.00283	.00084	.0148	.00088	.00004
%RSD	19.626	32.828	49.444	95.368	63.116	.93515	2.1859	11.489
#1	-.00328	.00376	.00095	-.00023	.00213	1.5910	.03946	.00035
#2	-.00244	.00442	.00296	.00513	.00138	1.5914	.04116	.00028
#3	-.00363	.00689	.00238	.00399	.00046	1.5656	.03994	.00032
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00033	19.293	.00938	.00044	.00384	7.6133	.07879	4.7293
Stddev	.00006	.049	.00053	.00004	.00020	.0134	.00018	.0396
%RSD	17.415	.25276	5.6167	9.1575	5.1666	.17623	.23190	.83650
#1	-.00037	19.255	.00939	.00043	.00377	7.5987	.07861	4.6837
#2	-.00036	19.274	.00990	.00041	.00368	7.6250	.07898	4.7543
#3	-.00027	19.348	.00885	.00048	.00406	7.6163	.07878	4.7500
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00598	-.00095	10.065	.00449	.04364	7.9779	.00279	.02012
Stddev	.00026	.00035	.116	.00063	.00010	.0994	.00028	.00635
%RSD	4.3073	37.094	1.1529	13.971	.22384	1.2457	10.096	31.552
#1	.00596	-.00098	9.9646	.00492	.04353	7.9018	.00302	.02252
#2	.00624	-.00059	10.192	.00478	.04368	8.0903	.00247	.01292
#3	.00573	-.00129	10.039	.00377	.04371	7.9415	.00287	.02492
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.9096	F 36.182	-.00594	.03050	.03742	2.006	.18614	.83947
Stddev	.0303	.440	.00017	.00148	.00143	.002	.00019	.31374
%RSD	.38292	1.2158	2.9465	4.8456	3.8212	.1184	.10206	37.373
#1	7.8982	36.509	-.00587	.03040	.03654	2.009	.18630	.61270
#2	7.8866	35.682	-.00581	.03202	.03665	2.004	.18593	1.1975
#3	7.9439	36.355	-.00614	.02907	.03907	2.005	.18620	.70819

Sample Name: K2902-06 Acquired: 5/21/2019 15:28:47 Type: Unk
Method: P4-ICP2(v3136) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	2.1820
Stddev	.2859
%RSD	13.101

#1	2.3511
#2	1.8520
#3	2.3430

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3962.5	50757.	4604.1	53.735	4108.0
Stddev	2.1	118.	47.1	.915	11.6
%RSD	.05205	.23259	1.0231	1.7026	.28299

#1	3963.3	50781.	4566.8	52.735	4096.2
#2	3964.0	50629.	4657.0	53.942	4108.5
#3	3960.1	50861.	4588.4	54.530	4119.4

Sample Name: K2902-07 Acquired: 5/21/2019 15:33:07 Type: Unk
Method: P4-ICP2(v3136) 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	.68963	1.7852	.86096	1.7540	.70465	3.3115	.22559
Stddev	.00252	.0057	.00411	.0102	.00494	.0353	.00178
%RSD	.36607	.31878	.47685	.58096	.70131	1.0656	.78964

#1	.68686	1.7848	.85918	1.7423	.69959	3.2823	.22370
#2	.69020	1.7797	.85805	1.7588	.70946	3.3507	.22723
#3	.69181	1.7911	.86566	1.7609	.70488	3.3016	.22584

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17542	.16924	20.040	.38413	.17765	.28300	10.326
Stddev	.00050	.00040	.016	.00091	.00049	.00174	.009
%RSD	.28684	.23902	.08163	.23564	.27642	.61551	.08830

#1	.17489	.16910	20.051	.38315	.17709	.28110	10.316
#2	.17549	.16892	20.021	.38494	.17784	.28452	10.326
#3	.17589	.16969	20.047	.38429	.17802	.28337	10.334

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.26385	6.5145	.44645	.06213	12.740	.28997	.21943
Stddev	.00043	.0593	.00131	.00067	.033	.00185	.00093
%RSD	.16438	.90986	.29408	1.0766	.25537	.63754	.42386

#1	.26350	6.4488	.44525	.06181	12.709	.29158	.21856
#2	.26371	6.5307	.44624	.06290	12.774	.28795	.21933
#3	.26434	6.5639	.44785	.06168	12.737	.29038	.22041

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.941	.38189	.30243	7.9899	F 36.312	.62879	.21425
Stddev	.052	.00214	.01018	.0157	.282	.00257	.00213
%RSD	.30434	.56101	3.3650	.19641	.77603	.40870	.99499

#1	16.954	.37947	.29082	7.9884	36.619	.62588	.21221
#2	16.984	.38355	.30666	7.9750	36.065	.62977	.21409
#3	16.884	.38264	.30981	8.0063	36.252	.63073	.21646

Sample Name: K2902-07 Acquired: 5/21/2019 15:33:07 Type: Unk
 Method: P4-ICP2(v3136) 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	.22482	6.931	.36521	1.6300	F<.00000
Stddev	.00139	.028	.00167	.0220	2.5622
%RSD	.62046	.3972	.45630	1.3474	45.483

#1	.22642	6.906	.36711	1.6047	-7.6926
#2	.22420	6.925	.36399	1.6444	-2.7640
#3	.22385	6.961	.36453	1.6409	-6.4435

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3951.9	50649.	4608.2	56.082	4045.0
Stddev	10.4	93.	36.9	1.130	11.6
%RSD	.26245	.18414	.79992	2.0151	.28733

#1	3963.9	50542.	4570.0	55.277	4044.3
#2	3945.3	50695.	4643.5	55.595	4056.9
#3	3946.6	50711.	4611.1	57.374	4033.7

Sample Name: PB119946BL Acquired: 5/21/2019 15:47:21 Type: Unk
Method: P4-ICP2(v3136) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB119924BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00096	-.00012	F .00445	.00023	.00098	-.00022	-.00003
Stddev	.00184	.00115	.00073	.00185	.00041	.00509	.00041
%RSD	191.95	945.74	16.318	796.51	41.535	2351.6	1527.7

#1	-.00108	.00120	.00383	.00103	.00091	-.00068	-.00050
#2	.00147	-.00067	.00525	-.00188	.00141	-.00506	.00016
#3	.00249	-.00090	.00428	.00156	.00060	.00509	.00026

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.00002	-.01863	-.00016	-.00026	-.00072	-.00072
Stddev	.00002	.00006	.01381	.00016	.00011	.00045	.00054
%RSD	108.21	348.95	74.129	103.37	41.781	62.805	74.799

#1	-.00005	.00003	-.02574	-.00029	-.00030	-.00036	-.00025
#2	-.00001	-.00005	-.00271	-.00021	-.00014	-.00122	-.00130
#3	-.00001	.00007	-.02743	.00002	-.00035	-.00058	-.00060

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00020	-.08704	.00024	-.00024	-.02765	.00017	-.00014
Stddev	.00001	.07082	.00003	.00028	.00495	.00027	.00016
%RSD	6.6586	81.366	13.454	114.00	17.895	158.32	115.81

#1	-.00021	-.13807	.00026	-.00030	-.02608	-.00007	.00004
#2	-.00019	-.11685	.00026	.00006	-.03319	.00047	-.00019
#3	-.00021	-.00619	.00020	-.00048	-.02368	.00012	-.00026

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.04663	.00001	-.00419	-.00561	-.00434	-.00467	.00070
Stddev	.00935	.00005	.00396	.00161	.00068	.00056	.00141
%RSD	20.062	386.27	94.517	28.750	15.785	12.009	200.29

#1	-.04041	.00003	-.00595	-.00477	-.00359	-.00404	.00147
#2	-.05739	.00005	.00035	-.00460	-.00494	-.00509	-.00092
#3	-.04208	-.00004	-.00695	-.00747	-.00447	-.00489	.00155

Sample Name: PB119946BL Acquired: 5/21/2019 15:47:21 Type: Unk
 Method: P4-ICP2(v3136) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB119924BL Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00395	-0.0012	-0.00003	F<.00000	F 1.2938
Stddev	.00185	.0016	.00005	.83591	.8313
%RSD	46.885	132.2	159.76	138.03	64.254

#1	-0.00332	-0.0014	-0.00008	.34133	1.5628
#2	-0.00603	.0005	-0.00004	-.91717	1.9572
#3	-0.00249	-0.0026	.00002	-1.2410	.36127

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4045.6	51309.	4607.7	53.419	4266.0
Stddev	11.6	78.	11.3	.942	4.6
%RSD	.28627	.15226	.24476	1.7634	.10735

#1	4057.6	51363.	4608.3	54.498	4266.1
#2	4044.6	51220.	4596.1	53.000	4261.3
#3	4034.5	51345.	4618.6	52.759	4270.5

Sample Name: K2902-04 Acquired: 5/21/2019 15:51:49 Type: Unk
Method: P4-ICP2(v3136) 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	.70650	1.8294	.89401	1.8067	.71144	13.979	.21654
Stddev	.00244	.0029	.00350	.0057	.00180	.132	.00073
%RSD	.34564	.15944	.39119	.31385	.25317	.94318	.33566

#1	.70524	1.8263	.89047	1.8056	.70998	13.842	.21622
#2	.70931	1.8298	.89411	1.8016	.71089	14.105	.21738
#3	.70494	1.8321	.89746	1.8128	.71345	13.990	.21604

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17965	.19265	29.849	.40030	.18499	.32020	18.838
Stddev	.00027	.00072	.125	.00084	.00122	.00056	.015
%RSD	.15137	.37628	.42001	.20953	.66169	.17457	.07919

#1	.17940	.19230	29.801	.39934	.18415	.31956	18.830
#2	.17961	.19217	29.991	.40070	.18442	.32045	18.856
#3	.17994	.19349	29.755	.40086	.18639	.32058	18.829

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20919	4.6011	.54586	.06492	45.081	.31508	.24927
Stddev	.00038	.0131	.00016	.00091	.117	.00057	.00075
%RSD	.18349	.28459	.02979	1.4031	.25892	.18060	.30026

#1	.20877	4.5862	.54573	.06519	44.949	.31545	.24874
#2	.20952	4.6110	.54580	.06391	45.169	.31443	.24895
#3	.20927	4.6060	.54604	.06567	45.126	.31537	.25013

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.093	.38444	.32115	2.5059	F 16.090	.64207	.39514
Stddev	.108	.00103	.02552	.0090	.142	.00256	.00258
%RSD	.82480	.26848	7.9468	.35767	.88194	.39818	.65412

#1	12.970	.38393	.29514	2.5162	16.215	.64163	.39684
#2	13.173	.38377	.34616	2.4997	16.119	.63976	.39216
#3	13.136	.38563	.32214	2.5019	15.935	.64482	.39640

Sample Name: K2902-04 Acquired: 5/21/2019 15:51:49 Type: Unk
 Method: P4-ICP2(v3136) 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	.19107	5.488	.39779	1.6671	F<.00000
Stddev	.00082	.008	.00176	.4807	3.3825
%RSD	.42955	.1485	.44286	28.834	61.776

#1	.19153	5.479	.39912	1.3656	-6.2654
#2	.19156	5.495	.39845	1.4142	-8.3929
#3	.19012	5.491	.39579	2.2214	-1.7678

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3934.0	50174.	4603.4	53.383	3910.4
Stddev	7.1	139.	43.2	1.333	6.6
%RSD	.18049	.27778	.93943	2.4978	.16935

#1	3935.7	50127.	4565.3	53.982	3910.9
#2	3940.2	50064.	4594.5	51.855	3916.7
#3	3926.3	50330.	4650.4	54.311	3903.5

Sample Name: K2902-02A Acquired: 5/21/2019 15:55:53 Type: Unk
Method: P4-ICP2(v3136) 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	.66030	1.6915	.82523	1.6726	.65462	13.777	.20200	.16693
Stddev	.00235	.0057	.00224	.0120	.00339	.070	.00128	.00075
%RSD	.35562	.33885	.27168	.71766	.51780	.50947	.63463	.44898
#1	.66264	1.6980	.82531	1.6839	.65608	13.715	.20085	.16740
#2	.66032	1.6888	.82295	1.6740	.65704	13.763	.20177	.16733
#3	.65794	1.6875	.82743	1.6600	.65075	13.854	.20338	.16607
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17882	29.727	.37088	.17137	.29900	18.643	.19630	4.5221
Stddev	.00023	.216	.00090	.00068	.00063	.004	.00011	.0542
%RSD	.13041	.72499	.24184	.39890	.21181	.02185	.05419	1.1984
#1	.17907	29.482	.36993	.17214	.29971	18.639	.19628	4.4915
#2	.17878	29.814	.37170	.17087	.29849	18.643	.19642	4.4901
#3	.17861	29.885	.37102	.17108	.29880	18.647	.19621	4.5847
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51056	.05914	44.914	.29244	.23824	12.378	.35238	.29386
Stddev	.00055	.00024	.210	.00020	.00060	.048	.00119	.00617
%RSD	.10690	.41036	.46774	.06825	.25011	.38872	.33638	2.1010
#1	.51099	.05903	44.700	.29255	.23883	12.368	.35108	.28898
#2	.50994	.05942	44.922	.29255	.23826	12.336	.35339	.30080
#3	.51073	.05897	45.120	.29221	.23763	12.431	.35267	.29180
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4941	F 15.765	.58876	.37839	.17364	5.080	.38398	3.1942
Stddev	.0025	.020	.00285	.00251	.00181	.010	.00292	.1918
%RSD	.10189	.12674	.48335	.66241	1.0416	.1913	.76099	6.0049
#1	2.4954	15.748	.58576	.37695	.17254	5.080	.38069	2.9738
#2	2.4912	15.787	.59142	.38128	.17267	5.090	.38494	3.2854
#3	2.4959	15.761	.58910	.37693	.17573	5.071	.38630	3.3233

Sample Name: K2902-02A Acquired: 5/21/2019 15:55:53 Type: Unk
 Method: P4-ICP2(v3136) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .92521
 %RSD 260.54

#1 .26272
 #2 .09077
 #3 -1.4188

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3928.0	50600.	4662.3	55.338	3921.8
Stddev	5.1	96.	11.4	.506	7.6
%RSD	.12879	.19027	.24541	.91428	.19359

#1	3930.2	50498.	4670.1	54.775	3923.8
#2	3931.5	50613.	4649.2	55.756	3928.2
#3	3922.2	50689.	4667.6	55.483	3913.4

Sample Name: CCV04 Acquired: 5/21/2019 15:59:57 Type: Unk
Method: P4-ICP2(v3136) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9509	5.0640	4.9424	4.9840	4.9557	9.6879	9.9175	.24811
Stddev	.0194	.0114	.0026	.0149	.0062	.0551	.0112	.00026
%RSD	.39204	.22494	.05341	.29897	.12430	.56872	.11255	.10337
#1	4.9434	5.0667	4.9442	4.9758	4.9516	9.7258	9.9300	.24834
#2	4.9363	5.0515	4.9437	4.9750	4.9527	9.6247	9.9138	.24817
#3	4.9729	5.0738	4.9394	5.0012	4.9627	9.7131	9.9086	.24783
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4552	25.166	1.0033	2.4504	1.2455	4.9833	2.4915	24.539
Stddev	.0004	.133	.0019	.0026	.0014	.0069	.0015	.209
%RSD	.01425	.53001	.18738	.10522	.11004	.13950	.06164	.85149
#1	2.4556	25.029	1.0054	2.4500	1.2451	4.9805	2.4932	24.627
#2	2.4550	25.295	1.0023	2.4481	1.2444	4.9781	2.4902	24.301
#3	2.4550	25.174	1.0021	2.4532	1.2470	4.9912	2.4912	24.689
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4735	1.2417	24.559	2.5110	2.4711	24.989	5.0411	4.9098
Stddev	.0035	.0050	.134	.0025	.0028	.166	.0084	.0191
%RSD	.14109	.40072	.54656	.09831	.11424	.66384	.16598	.38803
#1	2.4756	1.2421	24.652	2.5097	2.4721	25.090	5.0387	4.9111
#2	2.4695	1.2465	24.405	2.5095	2.4679	24.797	5.0342	4.8902
#3	2.4754	1.2365	24.619	2.5138	2.4733	25.079	5.0504	4.9282
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9715	5.1128	5.0037	4.9684	4.9380	5.023	5.0167	F 2.0370
Stddev	.0136	.0532	.0086	.0046	.0184	.015	.0181	.1133
%RSD	.27426	1.0413	.17273	.09178	.37323	.3025	.36059	5.5629
#1	4.9832	5.0608	5.0091	4.9633	4.9198	5.037	5.0014	1.9157
#2	4.9565	5.1672	4.9937	4.9700	4.9567	5.007	5.0367	2.0554
#3	4.9748	5.1104	5.0082	4.9720	4.9374	5.026	5.0122	2.1400

Sample Name: CCV04 Acquired: 5/21/2019 15:59:57 Type: Unk
 Method: P4-ICP2(v3136) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 1.5971
Stddev	1.5599
%RSD	97.670

#1	-.19139
#2	2.3063
#3	2.6764

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3889.7	49198.	4572.3	51.717	3764.7
Stddev	2.0	165.	35.9	1.070	5.3
%RSD	.05035	.33522	.78593	2.0686	.14174

#1	3890.3	49010.	4592.3	50.649	3758.5
#2	3891.3	49271.	4530.8	52.789	3767.3
#3	3887.5	49315.	4593.9	51.714	3768.1

Sample Name: CCB04 Acquired: 5/21/2019 16:04:05 Type: Unk
Method: P4-ICP2(v3136) 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	.00035	.00094	.00150	.00030	.00100	-.00608	.00024
Stddev	.00255	.00076	.00076	.00168	.00061	.01214	.00062
%RSD	722.06	81.471	51.063	552.24	60.765	199.59	254.19

#1	-.00238	.00161	.00222	-.00153	.00054	-.01816	-.00000
#2	.00079	.00109	.00070	.00069	.00078	-.00622	-.00021
#3	.00266	.00011	.00158	.00175	.00169	.00613	.00095

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.00003	-.00747	-.00037	-.00022	-.00075	-.00078
Stddev	.00003	.00004	.01005	.00038	.00014	.00022	.00038
%RSD	372.83	157.02	134.55	103.71	60.147	30.046	49.068

#1	.00002	-.00001	.00376	-.00019	-.00035	-.00061	-.00093
#2	-.00002	.00002	-.01562	-.00011	-.00024	-.00100	-.00035
#3	.00003	.00008	-.01055	-.00081	-.00008	-.00062	-.00107

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	-.06314	.00028	-.00024	-.02919	.00001	-.00051
Stddev	.00003	.05421	.00016	.00027	.00611	.00023	.00006
%RSD	25.192	85.856	57.679	115.74	20.926	2537.6	11.252

#1	-.00012	-.04509	.00046	-.00030	-.02310	-.00007	-.00045
#2	-.00011	-.02026	.00020	-.00047	-.03532	.00027	-.00050
#3	-.00017	-.12408	.00017	.00006	-.02914	-.00017	-.00057

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.03257	.00064	-.01441	-.00315	-.00477	-.00247	.00076
Stddev	.01247	.00013	.00246	.00258	.00151	.00021	.00101
%RSD	38.272	19.778	17.087	82.145	31.619	8.5338	133.70

#1	-.03571	.00049	-.01288	-.00395	-.00305	-.00224	-.00041
#2	-.04317	.00070	-.01311	-.00026	-.00543	-.00265	.00141
#3	-.01884	.00072	-.01725	-.00524	-.00584	-.00253	.00126

Sample Name: CCB04 Acquired: 5/21/2019 16:04:05 Type: Unk
 Method: P4-ICP2(v3136) 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	-.00171	.0016	.00008	F<.00000	F 2.3298
Stddev	.00178	.0007	.00008	.13325	1.8969
%RSD	103.82	44.03	102.85	129.36	81.420

#1	-.00329	.0025	.00018	-.25355	.45846
#2	-.00206	.0013	.00005	-.00018	2.2797
#3	.00021	.0011	.00002	-.05530	4.2513

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4051.0	51377.	4630.7	53.752	4255.0
Stddev	6.9	8.	11.2	.825	8.5
%RSD	.16979	.01504	.24189	1.5356	.19969

#1	4046.8	51372.	4633.9	53.782	4261.4
#2	4047.3	51373.	4640.1	52.911	4245.3
#3	4059.0	51386.	4618.3	54.561	4258.2

Sample Name: K2902-08 Acquired: 5/21/2019 16:08:33 Type: Unk
Method: P4-ICP2(v3136) 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	.67521	1.7631	.85152	1.7120	.69416	3.2731	.22232
Stddev	.00145	.0082	.00340	.0056	.00307	.0131	.00067
%RSD	.21403	.46302	.39896	.32754	.44294	.39892	.30145

#1	.67392	1.7705	.85525	1.7081	.69662	3.2648	.22264
#2	.67495	1.7544	.84860	1.7094	.69071	3.2881	.22155
#3	.67677	1.7645	.85072	1.7184	.69515	3.2663	.22277

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17400	.16727	19.947	.38013	.17614	.28081	10.287
Stddev	.00032	.00049	.149	.00034	.00108	.00033	.020
%RSD	.18607	.29216	.74801	.09041	.61407	.11880	.19612

#1	.17369	.16768	19.780	.37974	.17739	.28095	10.278
#2	.17399	.16673	19.993	.38028	.17559	.28105	10.310
#3	.17434	.16738	20.068	.38038	.17545	.28043	10.273

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.26189	6.4163	.44304	.06306	12.601	.28774	.21656
Stddev	.00048	.0459	.00121	.00059	.031	.00033	.00049
%RSD	.18224	.71454	.27343	.94332	.24990	.11345	.22822

#1	.26161	6.4575	.44356	.06349	12.636	.28762	.21708
#2	.26244	6.3669	.44165	.06331	12.575	.28750	.21610
#3	.26162	6.4246	.44390	.06238	12.593	.28811	.21649

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.772	.37894	.30923	7.8175	F 35.933	.61781	.21177
Stddev	.028	.00218	.00257	.0106	.229	.00262	.00209
%RSD	.16721	.57550	.83123	.13615	.63786	.42390	.98872

#1	16.742	.37672	.31063	7.8090	35.679	.62023	.21198
#2	16.775	.37903	.30627	7.8141	35.998	.61503	.20958
#3	16.798	.38108	.31080	7.8295	36.123	.61818	.21375

Sample Name: K2902-08 Acquired: 5/21/2019 16:08:33 Type: Unk
Method: P4-ICP2(v3136) 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	.22174	6.818	.35989	1.8438	F<.00000
Stddev	.00119	.032	.00080	.5687	4.2151
%RSD	.53566	.4720	.22358	30.844	58.872
#1	.22057	6.844	.35967	1.5337	-6.7547
#2	.22171	6.782	.35922	2.5001	-11.563
#3	.22295	6.829	.36078	1.4975	-3.1617
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3954.7	50449.	4576.9	53.775	4050.5
Stddev	16.5	119.	14.8	1.481	26.5
%RSD	.41708	.23490	.32283	2.7549	.65350
#1	3945.0	50313.	4592.3	52.487	4021.8
#2	3973.8	50525.	4575.7	55.394	4074.0
#3	3945.4	50510.	4562.8	53.443	4055.7

Sample Name: K2902-06A Acquired: 5/21/2019 16:12:39 Type: Unk
Method: P4-ICP2(v3136) 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	.66094	1.7247	.83084	1.6918	.68077	3.2326	.21743
Stddev	.00181	.0064	.00338	.0048	.00112	.0026	.00119
%RSD	.27414	.37201	.40717	.28588	.16481	.07898	.54596

#1	.66207	1.7277	.83231	1.6969	.68097	3.2352	.21608
#2	.66191	1.7291	.83324	1.6913	.68178	3.2301	.21789
#3	.65885	1.7174	.82698	1.6873	.67956	3.2326	.21832

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16965	.16349	19.890	.36828	.17260	.27169	10.165
Stddev	.00009	.00038	.043	.00057	.00116	.00041	.018
%RSD	.05338	.23330	.21549	.15418	.67217	.15261	.17787

#1	.16961	.16349	19.843	.36789	.17366	.27146	10.144
#2	.16976	.16387	19.926	.36893	.17277	.27144	10.176
#3	.16959	.16310	19.900	.36803	.17136	.27217	10.174

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25718	6.3836	.42979	.05962	12.569	.27824	.21065
Stddev	.00055	.0798	.00211	.00045	.050	.00060	.00110
%RSD	.21474	1.2503	.48991	.75005	.39478	.21635	.52153

#1	.25655	6.2932	.43023	.05917	12.519	.27796	.21061
#2	.25756	6.4132	.43163	.06006	12.570	.27783	.21176
#3	.25743	6.4444	.42749	.05963	12.618	.27893	.20957

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.545	.36611	.28786	7.9632	F 35.619	.60530	.20930
Stddev	.103	.00077	.00168	.0502	.075	.00389	.00196
%RSD	.62254	.20928	.58243	.62993	.20930	.64256	.93426

#1	16.448	.36630	.28629	7.9941	35.705	.60592	.21141
#2	16.534	.36526	.28963	7.9901	35.571	.60884	.20755
#3	16.653	.36676	.28767	7.9053	35.581	.60114	.20894

Sample Name: K2902-06A Acquired: 5/21/2019 16:12:39 Type: Unk
Method: P4-ICP2(v3136) 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	.21147	6.762	.35506	2.6200	F<.00000
Stddev	.00127	.030	.00103	.1455	.68490
%RSD	.60213	.4453	.29029	5.5539	27.719
#1	.21173	6.768	.35515	2.6183	-2.1001
#2	.21008	6.788	.35398	2.4754	-3.2612
#3	.21259	6.729	.35604	2.7664	-2.0513
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3948.6	50974.	4663.4	54.537	4025.6
Stddev	3.0	29.	5.4	1.596	18.1
%RSD	.07657	.05615	.11560	2.9270	.44985
#1	3950.9	51002.	4658.7	52.908	4020.4
#2	3949.7	50975.	4662.2	54.606	4010.8
#3	3945.1	50945.	4669.3	56.098	4045.8

Sample Name: PB119927BL Acquired: 5/21/2019 16:16:46 Type: Unk
Method: P4-ICP2(v3136) 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	.00097	.00077	.00049	.00109	.00113	-.00457	-.00003
Stddev	.00196	.00062	.00040	.00061	.00027	.00925	.00033
%RSD	202.94	80.282	82.422	55.762	23.966	202.19	1101.3

#1	-.00129	.00041	.00026	.00176	.00085	-.01031	.00028
#2	.00194	.00148	.00096	.00091	.00115	-.00951	.00002
#3	.00225	.00042	.00025	.00059	.00139	.00610	-.00038

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.00004	-.01813	-.00036	-.00017	-.00082	-.00077
Stddev	.00005	.00002	.00449	.00010	.00014	.00011	.00054
%RSD	345.65	58.492	24.790	28.123	85.477	13.282	70.531

#1	-.00001	-.00005	-.01528	-.00048	-.00010	-.00081	-.00016
#2	-.00007	-.00001	-.02331	-.00029	-.00033	-.00093	-.00093
#3	.00003	-.00005	-.01581	-.00031	-.00007	-.00071	-.00121

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00024	-.04596	.00019	-.00069	-.04549	-.00023	-.00078
Stddev	.00003	.01632	.00026	.00027	.00137	.00028	.00008
%RSD	11.173	35.496	133.83	38.790	3.0157	121.57	9.9207

#1	-.00021	-.03037	.00049	-.00089	-.04391	-.00048	-.00082
#2	-.00025	-.06292	.00005	-.00078	-.04642	-.00026	-.00069
#3	-.00025	-.04460	.00004	-.00038	-.04614	.00006	-.00084

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.03094	.00004	.00525	-.00302	-.00404	-.00442	-.00011
Stddev	.02125	.00021	.01438	.00321	.00138	.00007	.00075
%RSD	68.690	498.61	273.81	106.20	34.210	1.6183	707.05

#1	-.05228	.00021	-.00828	-.00516	-.00526	-.00435	.00025
#2	-.00978	-.00020	.00368	.00067	-.00254	-.00449	.00040
#3	-.03075	.00011	.02036	-.00458	-.00434	-.00440	-.00097

Sample Name: PB119927BL Acquired: 5/21/2019 16:16:46 Type: Unk
 Method: P4-ICP2(v3136) 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	-.00281	.0013	.00002	F .33861	F<.00000
Stddev	.00081	.0010	.00001	.56540	2.8370
%RSD	28.945	75.79	59.906	166.98	423.63

#1	-.00233	.0005	.00001	.35582	2.4083
#2	-.00374	.0009	.00003	.89521	-3.1797
#3	-.00235	.0024	.00003	-.23519	-1.2376

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4060.2	51890.	4682.8	55.961	4255.4
Stddev	14.1	193.	38.9	1.221	7.8
%RSD	.34701	.37214	.83023	2.1813	.18406

#1	4045.7	51760.	4713.0	56.886	4246.9
#2	4061.1	52112.	4638.9	54.577	4257.0
#3	4073.9	51799.	4696.4	56.418	4262.3

Sample Name: PB119927TB Acquired: 5/21/2019 16:25:43 Type: Unk
Method: P4-ICP2(v3136) 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	-.00067	-.00414	.00020	.00140	.00163	-.00314	-.00018	-.00004
Stddev	.00085	.00071	.00055	.00185	.00149	.00989	.00005	.00005
%RSD	127.19	17.137	277.87	132.43	91.286	314.54	29.385	128.01
#1	.00026	-.00421	.00083	.00349	.00238	-.00789	-.00012	-.00009
#2	-.00141	-.00340	-.00021	-.00002	.00260	.00822	-.00022	-.00002
#3	-.00086	-.00481	-.00002	.00072	-.00008	-.00976	-.00020	-.00000
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	-.00932	.00053	-.00048	-.00043	.00112	-.00027	-.06034
Stddev	.00003	.01248	.00049	.00008	.00021	.00092	.00004	.00426
%RSD	51.300	133.87	93.941	17.469	49.487	81.725	14.956	7.0588
#1	-.00006	-.00581	.00012	-.00049	-.00031	.00216	-.00031	-.06416
#2	-.00007	.00103	.00107	-.00040	-.00030	.00044	-.00023	-.05575
#3	-.00002	-.02319	.00038	-.00057	-.00067	.00076	-.00026	-.06112
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00191	.00122	F 365.43	-.00038	.00147	.05130	.00014	-.01397
Stddev	.00024	.00040	3.51	.00044	.00007	.01599	.00021	.02516
%RSD	12.460	32.670	.95954	116.19	4.8922	31.168	146.66	180.13
#1	.00193	.00158	363.30	-.00071	.00140	.03284	.00013	-.00821
#2	.00166	.00079	369.48	.00012	.00155	.06006	-.00006	-.04150
#3	.00213	.00127	363.51	-.00055	.00147	.06098	.00036	.00781
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00397	.00268	-.00267	.00070	-.00061	.0009	.00002	3.4963
Stddev	.00079	.00134	.00066	.00196	.00140	.0022	.00004	.2448
%RSD	19.877	49.985	24.699	281.13	228.77	237.8	165.62	7.0003
#1	.00339	.00285	-.00335	.00282	-.00105	-.0016	-.00001	3.4106
#2	.00487	.00126	-.00203	-.00105	.00095	.0024	.00006	3.3059
#3	.00365	.00393	-.00263	.00032	-.00173	.0020	.00001	3.7724

Sample Name: PB119927TB Acquired: 5/21/2019 16:25:43 Type: Unk
Method: P4-ICP2(v3136) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	18.032
Stddev	2.306
%RSD	12.786

#1	20.362
#2	17.983
#3	15.752

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3764.8	47545.	4551.4	52.696	3660.5
Stddev	5.2	200.	22.4	2.341	2.8
%RSD	.13765	.41963	.49228	4.4415	.07731

#1	3770.8	47386.	4533.1	52.877	3663.7
#2	3761.7	47481.	4576.4	50.270	3658.7
#3	3762.1	47769.	4544.6	54.941	3659.0

Sample Name: PB119928BL Acquired: 5/21/2019 16:30:19 Type: Unk
Method: P4-ICP2(v3136) 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	-.00043	.00087	.00061	-.00111	.00175	-.00070	.00036	.00006
Stddev	.00241	.00043	.00064	.00121	.00029	.01029	.00033	.00007
%RSD	557.17	49.770	105.65	108.56	16.645	1470.8	91.793	116.65
#1	-.00213	.00126	-.00011	.00018	.00208	.00214	.00060	.00014
#2	-.00149	.00041	.00081	-.00131	.00154	.00787	.00050	-.00000
#3	.00232	.00093	.00112	-.00222	.00163	-.01211	-.00002	.00005
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	-.02380	-.00011	-.00025	-.00093	-.00133	-.00021	-.09757
Stddev	.00002	.01216	.00033	.00008	.00022	.00055	.00005	.03153
%RSD	41.637	51.116	290.21	33.669	23.672	41.136	24.530	32.312
#1	-.00007	-.00976	-.00048	-.00022	-.00079	-.00175	-.00016	-.12400
#2	-.00003	-.03117	.00016	-.00019	-.00118	-.00071	-.00026	-.10603
#3	-.00006	-.03047	-.00002	-.00035	-.00081	-.00154	-.00022	-.06267
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	-.00040	.06898	-.00033	-.00077	-.00465	.00024	-.01419
Stddev	.00004	.00038	.00892	.00030	.00003	.01314	.00019	.00724
%RSD	58.307	95.346	12.931	90.158	3.3114	282.80	78.382	51.008
#1	.00009	-.00003	.07902	-.00012	-.00079	.00130	.00045	-.01877
#2	.00010	-.00038	.06598	-.00021	-.00079	-.01971	.00012	-.01796
#3	.00002	-.00078	.06195	-.00068	-.00074	.00447	.00014	-.00585
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00643	-.00697	-.00461	.00101	-.00201	.0007	-.00003	F 2.2613
Stddev	.00101	.00216	.00057	.00053	.00072	.0006	.00009	.0467
%RSD	15.725	30.913	12.377	52.810	35.964	75.81	271.73	2.0670
#1	-.00748	-.00569	-.00527	.00042	-.00168	.0014	.00003	2.2979
#2	-.00634	-.00576	-.00424	.00145	-.00152	.0003	.00000	2.2086
#3	-.00546	-.00946	-.00432	.00114	-.00284	.0005	-.00013	2.2773

Sample Name: PB119928BL Acquired: 5/21/2019 16:30:19 Type: Unk
Method: P4-ICP2(v3136) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.6844
Stddev 1.2122
%RSD 71.966

#1 2.0033
#2 2.7053
#3 .34464

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4036.1	51867.	4668.0	54.910	4204.8
Stddev	7.4	91.	25.1	.509	5.2
%RSD	.18216	.17583	.53686	.92613	.12421

#1	4033.1	51836.	4662.7	54.655	4208.3
#2	4044.5	51969.	4695.3	54.580	4207.2
#3	4030.8	51795.	4646.0	55.495	4198.8

Sample Name: PB119928BS Acquired: 5/21/2019 16:34:47 Type: Unk
Method: P4-ICP2(v3136) 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	.68209	1.8316	.87636	1.7820	.68881	1.6874	.17897
Stddev	.00089	.0042	.00519	.0098	.00369	.0122	.00073
%RSD	.13032	.22993	.59179	.55018	.53557	.72080	.40633

#1	.68259	1.8271	.87037	1.7713	.68498	1.6744	.17884
#2	.68107	1.8354	.87925	1.7843	.69234	1.6893	.17832
#3	.68263	1.8325	.87945	1.7905	.68909	1.6985	.17976

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17946	.17279	.92524	.36928	.17547	.28391	2.7905
Stddev	.00033	.00064	.00705	.00032	.00049	.00057	.0067
%RSD	.18379	.37194	.76225	.08624	.27978	.19993	.23977

#1	.17984	.17206	.91729	.36955	.17498	.28326	2.7862
#2	.17925	.17306	.93074	.36937	.17597	.28428	2.7872
#3	.17930	.17326	.92768	.36893	.17548	.28420	2.7982

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18591	1.6685	.44484	.06522	2.6827	.27476	.17245
Stddev	.00028	.0447	.00080	.00043	.0086	.00174	.00053
%RSD	.15110	2.6811	.17905	.65788	.31913	.63260	.30542

#1	.18559	1.6928	.44392	.06507	2.6898	.27277	.17184
#2	.18603	1.6169	.44522	.06488	2.6732	.27553	.17271
#3	.18612	1.6959	.44537	.06570	2.6851	.27598	.17279

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.9464	.35927	.25348	F -.00592	.80853	.60541	.18041
Stddev	.0407	.00082	.00371	.00276	.00647	.00106	.00108
%RSD	.45495	.22862	1.4642	46.526	.80063	.17503	.60049

#1	8.9800	.35832	.24932	-.00425	.80544	.60444	.18128
#2	8.9011	.35970	.25468	-.00442	.81597	.60654	.18076
#3	8.9580	.35978	.25645	-.00911	.80418	.60525	.17920

Sample Name: PB119928BS Acquired: 5/21/2019 16:34:47 Type: Unk
 Method: P4-ICP2(v3136) 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	.18118	4.935	.17817	F 1.8311	F<.00000
Stddev	.00033	.021	.00070	.1852	3.0791
%RSD	.18290	.4307	.39551	10.113	60.455
#1	.18081	4.911	.17771	1.6322	-8.5709
#2	.18144	4.947	.17898	1.9986	-3.9943
#3	.18130	4.948	.17781	1.8625	-2.7143
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4009.2	51029.	4615.1	54.295	4129.9
Stddev	1.1	246.	6.7	1.833	.6
%RSD	.02784	.48295	.14550	3.3761	.01352
#1	4010.1	50759.	4610.0	53.782	4129.2
#2	4007.9	51242.	4612.5	56.330	4130.0
#3	4009.5	51085.	4622.7	52.773	4130.3

Sample Name: PB119928TB Acquired: 5/21/2019 16:38:54 Type: Unk
Method: P4-ICP2(v3136) 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	-.00359	-.00386	-.00048	.00196	.00165	.00448	-.00004	-.00003
Stddev	.00070	.00242	.00042	.00082	.00091	.00153	.00036	.00003
%RSD	19.478	62.655	86.460	41.932	55.149	34.135	974.60	101.09
#1	-.00339	-.00415	-.00034	.00246	.00095	.00286	-.00039	-.00003
#2	-.00301	-.00612	-.00095	.00101	.00267	.00469	-.00005	.00000
#3	-.00437	-.00131	-.00015	.00240	.00131	.00589	.00033	-.00005
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	-.01380	.00058	-.00059	-.00046	.00014	-.00028	-.07983
Stddev	.00003	.00721	.00017	.00007	.00039	.00052	.00003	.07532
%RSD	41.227	52.234	28.806	11.868	84.826	369.79	10.569	94.357
#1	-.00005	-.01002	.00052	-.00061	-.00089	.00005	-.00031	-.12417
#2	-.00009	-.02211	.00077	-.00065	-.00013	-.00033	-.00026	.00714
#3	-.00005	-.00927	.00045	-.00051	-.00035	.00070	-.00026	-.12245
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00156	.00062	F 323.47	-.00016	.00151	.03718	.00027	-.00066
Stddev	.00013	.00073	1.90	.00024	.00009	.03818	.00029	.01311
%RSD	8.4283	116.06	.58866	149.25	6.2237	102.68	107.74	1993.6
#1	.00157	.00124	321.28	-.00014	.00154	.01009	.00022	.00731
#2	.00143	-.00018	324.74	-.00041	.00158	.02061	.00001	.00651
#3	.00169	.00081	324.38	.00007	.00140	.08085	.00057	-.01579
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00530	.00271	-.00338	.00076	-.00196	.0009	.00001	4.5353
Stddev	.00109	.00143	.00034	.00051	.00108	.0016	.00005	.4129
%RSD	20.530	52.648	10.183	66.464	55.307	177.9	455.60	9.1043
#1	.00435	.00162	-.00374	.00054	-.00077	.0019	.00007	4.9693
#2	.00506	.00433	-.00335	.00135	-.00220	-.0010	-.00004	4.4892
#3	.00649	.00219	-.00305	.00041	-.00290	.0018	.00001	4.1474

Sample Name: PB119928TB Acquired: 5/21/2019 16:38:54 Type: Unk
Method: P4-ICP2(v3136) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	18.630
Stddev	3.088
%RSD	16.576

#1	22.152
#2	16.387
#3	17.351

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3742.7	47087.	4483.7	52.382	3647.4
Stddev	14.4	49.	12.6	2.273	15.1
%RSD	.38388	.10311	.28158	4.3386	.41462

#1	3726.4	47111.	4469.4	54.964	3632.3
#2	3747.9	47031.	4488.2	51.498	3647.3
#3	3753.7	47120.	4493.4	50.684	3662.6

Sample Name: PB119925BL Acquired: 5/21/2019 16:43:30 Type: Unk
Method: P4-ICP2(v3136) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00063	.00031	.00073	-.00057	.00131	-.00628	.00006	.00002
Stddev	.00306	.00171	.00022	.00170	.00051	.00341	.00021	.00004
%RSD	482.09	558.41	30.292	300.09	39.443	54.270	379.45	177.88

#1	-.00327	-.00022	.00048	-.00102	.00164	-.00945	.00029	.00006
#2	-.00135	-.00108	.00088	-.00199	.00071	-.00267	-.00012	-.00002
#3	.00272	.00222	.00085	.00131	.00157	-.00673	-.00000	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	-.01453	-.00042	-.00024	-.00051	-.00040	-.00011	-.07781
Stddev	.00007	.00650	.00019	.00007	.00014	.00086	.00005	.03378
%RSD	6923.8	44.737	46.241	26.685	27.858	214.62	41.586	43.407

#1	.00007	-.01705	-.00045	-.00027	-.00052	.00011	-.00008	-.08297
#2	-.00007	-.00715	-.00021	-.00029	-.00036	.00008	-.00010	-.10872
#3	.00000	-.01939	-.00060	-.00017	-.00064	-.00139	-.00017	-.04176

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00027	-.00054	.05894	-.00050	-.00069	-.01297	.00010	-.01128
Stddev	.00024	.00018	.00756	.00025	.00008	.02507	.00016	.02217
%RSD	86.468	32.844	12.825	48.751	11.964	193.31	169.43	196.57

#1	.00043	-.00049	.06675	-.00078	-.00062	-.03978	.00026	-.00340
#2	.00000	-.00039	.05839	-.00041	-.00078	-.00904	.00010	-.03631
#3	.00039	-.00074	.05167	-.00032	-.00066	.00990	-.00007	.00588

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00234	-.00687	-.00502	.00112	-.00219	.0009	-.00000	F .77139
Stddev	.00259	.00312	.00028	.00080	.00145	.0005	.00001	.05417
%RSD	110.59	45.360	5.5570	71.439	66.418	58.57	560.87	7.0229

#1	.00056	-.00976	-.00472	.00176	-.00165	.0014	.00000	.77304
#2	-.00440	-.00727	-.00507	.00136	-.00384	.0004	.00000	.71641
#3	-.00319	-.00357	-.00527	.00022	-.00109	.0009	-.00001	.82472

Sample Name: PB119925BL Acquired: 5/21/2019 16:43:30 Type: Unk
Method: P4-ICP2(v3136) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.3329
Stddev .9977
%RSD 42.765

#1 1.6046
#2 1.9239
#3 3.4700

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4018.5	51198.	4588.8	54.160	4213.8
Stddev	1.8	153.	30.2	1.598	4.5
%RSD	.04387	.29894	.65915	2.9511	.10731

#1	4020.2	51239.	4614.7	53.145	4208.9
#2	4016.7	51327.	4596.2	53.332	4214.7
#3	4018.7	51029.	4555.6	56.002	4217.8

Sample Name: PB119927BS Acquired: 5/21/2019 16:47:58 Type: Unk
Method: P4-ICP2(v3136) 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	.69795	1.8668	.88838	1.8154	.69877	1.7113	.18188
Stddev	.00430	.0124	.00317	.0047	.00111	.0060	.00072
%RSD	.61658	.66178	.35633	.26175	.15890	.35308	.39700

#1	.69434	1.8576	.88497	1.8135	.69821	1.7173	.18248
#2	.69680	1.8619	.88894	1.8119	.70005	1.7052	.18208
#3	.70271	1.8808	.89123	1.8208	.69806	1.7114	.18108

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18298	.17541	.92917	.37358	.17930	.28743	2.8306
Stddev	.00031	.00093	.00996	.00046	.00057	.00052	.0038
%RSD	.17116	.52864	1.0725	.12411	.31520	.18173	.13354

#1	.18332	.17434	.93161	.37351	.17866	.28784	2.8262
#2	.18270	.17592	.91821	.37316	.17971	.28761	2.8333
#3	.18292	.17598	.93769	.37408	.17954	.28684	2.8322

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18933	1.6829	.45039	.06581	2.7324	.27801	.17486
Stddev	.00043	.0292	.00139	.00024	.0049	.00122	.00072
%RSD	.22741	1.7366	.30822	.36731	.17926	.43858	.41297

#1	.18955	1.6524	.44899	.06602	2.7357	.27726	.17403
#2	.18884	1.7106	.45177	.06555	2.7347	.27735	.17521
#3	.18961	1.6856	.45040	.06586	2.7267	.27941	.17534

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.0755	.36285	.26245	F -.00629	.81249	.61334	.18174
Stddev	.0464	.00100	.01437	.00129	.00572	.00239	.00171
%RSD	.51074	.27468	5.4760	20.498	.70439	.38930	.93986

#1	9.1095	.36395	.26097	-.00618	.80588	.61180	.18302
#2	9.0944	.36260	.24888	-.00763	.81556	.61213	.18241
#3	9.0227	.36200	.27751	-.00506	.81601	.61609	.17980

Sample Name: PB119927BS Acquired: 5/21/2019 16:47:58 Type: Unk
 Method: P4-ICP2(v3136) 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	.18107	5.020	.17995	F 2.6006	F<.00000
Stddev	.00305	.016	.00043	.3101	1.0201
%RSD	1.6834	.3254	.23981	11.923	202.36
#1	.17755	5.003	.17945	2.9584	-1.3538
#2	.18277	5.022	.18017	2.4327	.62726
#3	.18289	5.036	.18022	2.4107	-.78581
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4005.4	51160.	4653.9	55.086	4118.6
Stddev	11.5	98.	17.1	.839	4.8
%RSD	.28832	.19178	.36762	1.5228	.11649
#1	3992.2	51054.	4673.6	54.577	4123.6
#2	4010.5	51177.	4643.5	56.055	4118.2
#3	4013.5	51248.	4644.5	54.627	4114.1

Sample Name: PB119946BS Acquired: 5/21/2019 16:57:41 Type: Unk
Method: P4-ICP2(v3136) 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	.66883	1.7923	.85610	1.7404	.68493	1.6434	.17351
Stddev	.00480	.0036	.00097	.0029	.00147	.0161	.00088
%RSD	.71737	.19950	.11347	.16831	.21466	.98058	.50990

#1	.67292	1.7934	.85505	1.7413	.68659	1.6286	.17304
#2	.66355	1.7951	.85696	1.7427	.68441	1.6408	.17453
#3	.67001	1.7883	.85631	1.7371	.68379	1.6606	.17296

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17524	.16855	.88791	.36067	.17212	.27801	2.7196
Stddev	.00032	.00015	.00356	.00088	.00096	.00046	.0016
%RSD	.18134	.08969	.40125	.24404	.55791	.16558	.05765

#1	.17490	.16854	.88748	.35970	.17128	.27846	2.7178
#2	.17529	.16870	.88459	.36141	.17317	.27754	2.7203
#3	.17553	.16840	.89167	.36091	.17191	.27803	2.7207

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18111	1.6460	.43373	.06358	2.5900	.26834	.16802
Stddev	.00033	.0595	.00165	.00044	.0239	.00110	.00021
%RSD	.18205	3.6120	.38114	.69275	.92422	.40808	.12352

#1	.18075	1.5929	.43297	.06405	2.5758	.26725	.16785
#2	.18139	1.7103	.43562	.06317	2.6176	.26944	.16825
#3	.18120	1.6349	.43259	.06352	2.5766	.26834	.16795

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.6674	.35688	.24210	F -.00852	.80186	.60049	.17623
Stddev	.0416	.00031	.01722	.00259	.00665	.00139	.00238
%RSD	.48015	.08811	7.1130	30.409	.82890	.23072	1.3508

#1	8.6230	.35675	.26020	-.00977	.79811	.59899	.17569
#2	8.7055	.35724	.24018	-.00554	.79792	.60074	.17883
#3	8.6738	.35665	.22592	-.01025	.80953	.60173	.17416

Sample Name: PB119946BS Acquired: 5/21/2019 16:57:41 Type: Unk
Method: P4-ICP2(v3136) 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	.17507	4.817	.17309	.94529	F<.00000
Stddev	.00123	.014	.00063	.43489	1.3884
%RSD	.70131	.2836	.36585	46.006	41.765
#1	.17381	4.816	.17246	1.4411	-3.2628
#2	.17626	4.830	.17373	.76610	-1.9677
#3	.17513	4.803	.17307	.62863	-4.7424
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3990.0	50504.	4572.0	53.649	4114.2
Stddev	6.1	101.	25.9	.616	3.7
%RSD	.15371	.19913	.56753	1.1477	.09053
#1	3983.2	50521.	4569.3	53.168	4111.1
#2	3995.1	50595.	4599.2	53.436	4113.1
#3	3991.8	50396.	4547.6	54.343	4118.3

Sample Name: CCV05 Acquired: 5/21/2019 17:04:57 Type: Unk
Method: P4-ICP2(v3136) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14990 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9689	5.1011	4.9350	4.9782	4.9625	9.6745	9.8171	.25073
Stddev	.0075	.0101	.0025	.0062	.0108	.0493	.0159	.00048
%RSD	.15081	.19887	.05033	.12516	.21759	.51010	.16143	.18954

#1	4.9673	5.0927	4.9324	4.9766	4.9503	9.7292	9.8010	.25106
#2	4.9770	5.1124	4.9352	4.9850	4.9665	9.6333	9.8327	.25094
#3	4.9623	5.0982	4.9373	4.9729	4.9707	9.6610	9.8177	.25018

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4534	24.854	1.0019	2.4612	1.2453	4.9679	2.5031	24.446
Stddev	.0016	.080	.0014	.0014	.0032	.0076	.0012	.093
%RSD	.06574	.32281	.14373	.05505	.26003	.15408	.04757	.38054

#1	2.4521	24.815	1.0033	2.4597	1.2419	4.9601	2.5022	24.394
#2	2.4552	24.946	1.0020	2.4620	1.2483	4.9754	2.5027	24.554
#3	2.4529	24.801	1.0004	2.4620	1.2456	4.9682	2.5044	24.391

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4651	1.2370	24.562	2.5012	2.4674	24.732	5.0052	4.9298
Stddev	.0016	.0027	.078	.0019	.0006	.030	.0058	.0130
%RSD	.06590	.21471	.31934	.07789	.02297	.12283	.11625	.26299

#1	2.4667	1.2348	24.652	2.5008	2.4671	24.716	5.0054	4.9441
#2	2.4652	1.2363	24.526	2.4995	2.4670	24.767	5.0109	4.9189
#3	2.4634	1.2399	24.508	2.5033	2.4680	24.712	4.9993	4.9263

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9392	4.9618	4.9788	4.9400	4.8532	5.001	4.9571	F 3.5969
Stddev	.0121	.0153	.0031	.0126	.0174	.008	.0182	.4662
%RSD	.24484	.30831	.06178	.25551	.35836	.1665	.36782	12.961

#1	4.9254	4.9442	4.9815	4.9254	4.8356	4.991	4.9379	3.8245
#2	4.9482	4.9687	4.9794	4.9471	4.8538	5.006	4.9742	3.0606
#3	4.9440	4.9724	4.9755	4.9475	4.8703	5.006	4.9593	3.9055

Sample Name: CCV05 Acquired: 5/21/2019 17:04:57 Type: Unk
 Method: P4-ICP2(v3136) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV14990 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 7.3316
Stddev	.5032
%RSD	6.8641

#1	6.7635
#2	7.5097
#3	7.7215

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3828.0	48597.	4557.0	51.019	3710.4
Stddev	4.2	79.	14.2	1.803	5.7
%RSD	.10911	.16288	.31265	3.5338	.15416

#1	3823.3	48506.	4573.3	53.039	3704.2
#2	3829.6	48646.	4550.9	50.445	3715.5
#3	3831.1	48640.	4546.8	49.573	3711.5

Sample Name: CCB05 Acquired: 5/21/2019 17:09:02 Type: Unk
 Method: P4-ICP2(v3136) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14990 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00020	.00051	.00024	.00207	.00077	-.00296	.00069	.00004
Stddev	.00208	.00034	.00049	.00108	.00020	.00488	.00024	.00007
%RSD	1037.4	65.533	205.07	52.054	26.151	164.69	34.627	177.21
#1	-.00037	.00077	-.00024	.00090	.00080	-.00823	.00042	.00003
#2	.00250	.00013	.00074	.00230	.00055	.00139	.00082	.00011
#3	-.00153	.00063	.00022	.00302	.00095	-.00205	.00084	-.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.00814	-.00019	-.00016	-.00066	-.00098	-.00021	-.05512
Stddev	.00004	.00251	.00039	.00017	.00056	.00053	.00002	.01404
%RSD	481.60	30.831	200.16	107.03	85.259	54.566	8.3427	25.466
#1	.00005	-.00657	-.00027	-.00034	-.00131	-.00139	-.00020	-.04875
#2	.00002	-.01103	.00023	-.00001	-.00041	-.00038	-.00020	-.07122
#3	-.00004	-.00681	-.00054	-.00012	-.00027	-.00115	-.00023	-.04540
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00027	-.00020	-.02309	.00018	-.00071	-.04482	.00057	-.00352
Stddev	.00027	.00076	.01332	.00034	.00006	.00357	.00022	.01298
%RSD	97.738	373.79	57.701	189.03	8.9084	7.9710	39.023	368.34
#1	.00056	-.00098	-.03621	.00057	-.00065	-.04294	.00077	-.01838
#2	.00004	-.00017	-.00957	.00001	-.00071	-.04894	.00033	.00221
#3	.00022	.00054	-.02349	-.00004	-.00078	-.04258	.00062	.00560
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00747	-.00474	-.00235	.00136	-.00142	-.0000	.00019	F 2.2297
Stddev	.00255	.00222	.00131	.00050	.00063	.0005	.00010	.2344
%RSD	34.140	46.863	55.635	37.188	44.166	3478.	55.232	10.510
#1	-.00974	-.00245	-.00151	.00102	-.00178	.0002	.00016	2.0691
#2	-.00795	-.00489	-.00168	.00111	-.00179	-.0006	.00030	2.4986
#3	-.00471	-.00689	-.00386	.00194	-.00070	.0004	.00010	2.1215

Sample Name: CCB05 Acquired: 5/21/2019 17:09:02 Type: Unk
Method: P4-ICP2(v3136) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14990 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.8772
Stddev 3.7451
%RSD 130.16

#1 -.45967
#2 2.1635
#3 6.9278

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4018.7	51275.	4705.9	54.555	4200.0
Stddev	11.6	177.	11.8	.892	21.5
%RSD	.28842	.34546	.25117	1.6346	.51303

#1	4030.6	51072.	4699.8	54.350	4224.8
#2	4007.4	51356.	4719.6	53.784	4185.8
#3	4018.2	51397.	4698.4	55.532	4189.5

Sample Name: K2951-13 Acquired: 5/21/2019 17:13:31 Type: Unk
Method: P4-ICP2(v3136) 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	.33317	.01581	127.52	-.03453	.25783	65.001	6.0067
Stddev	.00115	.00151	.26	.00287	.00234	.155	.0217
%RSD	.34522	9.5236	.20324	8.3127	.90579	.23791	.36059

#1	.33319	.01569	127.26	-.03132	.26032	64.972	6.0039
#2	.33201	.01436	127.53	-.03539	.25748	64.862	5.9865
#3	.33431	.01737	127.78	-.03686	.25569	65.168	6.0296

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05757	.44128	65.303	1.5460	.21634	16.261	680.14
Stddev	.00024	.00138	.388	.0004	.00071	.004	2.79
%RSD	.41571	.31316	.59428	.02252	.33044	.02587	.40985

#1	.05733	.44033	65.473	1.5462	.21565	16.265	679.09
#2	.05759	.44063	64.859	1.5463	.21628	16.260	678.04
#3	.05781	.44286	65.578	1.5456	.21707	16.257	683.30

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3843	42.531	.22707	.14072	12.594	.27798	F 56.141
Stddev	.0035	.118	.00134	.00060	.047	.00037	.374
%RSD	.24982	.27721	.59123	.42316	.37566	.13479	.66620

#1	1.3813	42.547	.22846	.14009	12.593	.27765	56.529
#2	1.3881	42.407	.22697	.14078	12.548	.27791	55.783
#3	1.3837	42.641	.22578	.14128	12.642	.27838	56.110

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.261	.09292	-.00305	F 69.726	1.8514	.71642	3.1952
Stddev	.121	.00064	.02199	.140	.0130	.00233	.0041
%RSD	.79078	.68641	719.91	.20133	.70023	.32506	.12762

#1	15.251	.09241	-.00519	69.572	1.8655	.71501	3.1998
#2	15.146	.09271	.01992	69.757	1.8487	.71514	3.1924
#3	15.387	.09363	-.02389	69.847	1.8400	.71911	3.1933

Sample Name: K2951-13 Acquired: 5/21/2019 17:13:31 Type: Unk
Method: P4-ICP2(v3136) 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	.02753	4.877	-.17568	<.00000	F<.00000
Stddev	.00058	.019	.00216	.18879	15.323
%RSD	2.1086	.3952	1.2267	1.2408	1.4413
#1	.02794	4.860	-.17356	-15.170	-1045.5
#2	.02687	4.872	-.17787	-15.053	-1071.3
#3	.02779	4.898	-.17561	-15.422	-1072.6
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3721.3	49256.	4863.7	52.862	3156.7
Stddev	5.5	105.	32.0	.158	9.7
%RSD	.14867	.21265	.65751	.29953	.30700
#1	3717.7	49162.	4842.2	53.014	3161.8
#2	3727.7	49369.	4900.5	52.698	3162.7
#3	3718.6	49236.	4848.5	52.874	3145.5

Sample Name: K2954-01 Acquired: 5/21/2019 17:18:01 Type: Unk
Method: P4-ICP2(v3136) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 20190405-COM Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01578	.00054	.09446	.00486	.00164	26.080	.05193
Stddev	.00023	.00162	.00087	.00303	.00068	.162	.00032
%RSD	1.4538	300.63	.91934	62.347	41.323	.62069	.60786

#1	.01555	.00167	.09536	.00485	.00235	26.200	.05158
#2	.01601	-.00132	.09363	.00183	.00100	26.144	.05219
#3	.01578	.00126	.09440	.00789	.00158	25.896	.05201

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00210	-.00106	12.798	.13510	.01216	.03359	38.388
Stddev	.00005	.00010	.029	.00067	.00009	.00048	.185
%RSD	2.3343	9.2262	.22656	.49459	.73797	1.4426	.48146

#1	.00205	-.00099	12.773	.13539	.01225	.03370	38.328
#2	.00212	-.00117	12.792	.13433	.01216	.03400	38.595
#3	.00214	-.00101	12.830	.13557	.01207	.03306	38.240

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.31221	13.928	.05501	-.00324	32.161	.06133	.23479
Stddev	.00106	.076	.00025	.00075	.111	.00064	.00126
%RSD	.33894	.54439	.45779	23.241	.34607	1.0415	.53702

#1	.31221	14.001	.05484	-.00318	32.227	.06190	.23607
#2	.31326	13.934	.05530	-.00403	32.223	.06144	.23476
#3	.31115	13.850	.05489	-.00252	32.032	.06064	.23355

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.3912	.00710	.08238	F 25.539	3.4797	-.00966	.91247
Stddev	.0306	.00008	.01792	.077	.0425	.00037	.00836
%RSD	.56785	1.1942	21.748	.30158	1.2219	3.7776	.91624

#1	5.4247	.00710	.07015	25.622	3.4907	-.00933	.91238
#2	5.3843	.00702	.10294	25.469	3.4328	-.01005	.90415
#3	5.3647	.00719	.07404	25.527	3.5156	-.00962	.92087

Sample Name: K2954-01 Acquired: 5/21/2019 17:18:01 Type: Unk
 Method: P4-ICP2(v3136) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 20190405-COM Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.06080	2.029	.10609	.17750	F<.00000
Stddev	.00091	.008	.00066	.53719	4.0676
%RSD	1.4914	.4097	.62295	302.65	396.53

#1	.05981	2.037	.10600	-.44277	1.3498
#2	.06158	2.021	.10549	.48295	-5.7226
#3	.06102	2.029	.10680	.49231	1.2954

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4067.8	52015.	4839.9	54.223	3946.5
Stddev	1.6	233.	9.4	.756	7.3
%RSD	.03874	.44717	.19383	1.3951	.18553

#1	4068.5	51882.	4843.2	54.989	3944.2
#2	4066.0	51879.	4847.2	54.202	3954.8
#3	4068.9	52283.	4829.3	53.477	3940.7

Sample Name: K2954-02 Acquired: 5/21/2019 17:22:29 Type: Unk
 Method: P4-ICP2(v3136) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 20190406-COM Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04900	-.00428	.22660	.00748	.00139	50.007	.12327
Stddev	.00131	.00010	.00041	.00113	.00040	.171	.00075
%RSD	2.6776	2.3806	.18281	15.138	28.660	.34128	.60931

#1	.04870	-.00417	.22628	.00856	.00131	50.182	.12412
#2	.04787	-.00435	.22707	.00630	.00182	49.842	.12300
#3	.05044	-.00433	.22644	.00758	.00104	49.996	.12269

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00629	-.00125	39.776	.18503	.04058	.10593	104.40
Stddev	.00010	.00002	.177	.00094	.00013	.00038	.21
%RSD	1.6187	1.5859	.44547	.50918	.30998	.35869	.19977

#1	.00639	-.00124	39.630	.18395	.04072	.10550	104.64
#2	.00629	-.00124	39.725	.18569	.04047	.10609	104.25
#3	.00619	-.00128	39.974	.18545	.04056	.10620	104.31

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.98119	30.273	.09576	-.00951	43.694	.16900	.63414
Stddev	.00338	.082	.00033	.00031	.047	.00119	.00080
%RSD	.34428	.26976	.34545	3.2433	.10801	.70305	.12553

#1	.98181	30.259	.09585	-.00962	43.746	.16972	.63450
#2	.98422	30.360	.09603	-.00975	43.654	.16966	.63470
#3	.97755	30.199	.09539	-.00916	43.681	.16763	.63323

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.191	.01970	.19278	F 60.940	3.3829	-.01250	2.2359
Stddev	.080	.00007	.01273	.215	.0240	.00060	.0052
%RSD	.56180	.37248	6.6013	.35253	.71013	4.8123	.23333

#1	14.282	.01971	.18271	60.869	3.3887	-.01232	2.2341
#2	14.139	.01963	.18854	60.770	3.4036	-.01318	2.2418
#3	14.150	.01977	.20708	61.182	3.3566	-.01202	2.2318

Sample Name: K2954-02 Acquired: 5/21/2019 17:22:29 Type: Unk
 Method: P4-ICP2(v3136) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 20190406-COM Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.10503	4.805	.15418	<.00000	F<.00000
Stddev	.00152	.021	.00123	.36776	.75316
%RSD	1.4443	.4355	.79785	36.188	3.1746

#1	.10651	4.798	.15277	-.90536	-23.203
#2	.10510	4.788	.15468	-.71666	-24.588
#3	.10348	4.829	.15507	-1.4267	-23.382

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4190.8	53545.	5122.5	52.244	3773.9
Stddev	14.3	180.	7.2	1.034	6.5
%RSD	.34072	.33574	.14092	1.9787	.17193

#1	4179.1	53341.	5130.7	52.079	3768.8
#2	4186.6	53612.	5119.8	53.351	3771.8
#3	4206.7	53681.	5117.0	51.303	3781.2

Sample Name: K2954-03 Acquired: 5/21/2019 17:26:50 Type: Unk
Method: P4-ICP2(v3136) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 20190332A-GL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04036	-.01055	.04323	.01273	.00378	100.31	.22355
Stddev	.00195	.00113	.00093	.00097	.00065	.43	.00083
%RSD	4.8281	10.705	2.1416	7.6392	17.298	.43176	.37019

#1	.03846	-.01183	.04422	.01354	.00430	100.47	.22308
#2	.04236	-.01010	.04306	.01165	.00398	100.64	.22307
#3	.04025	-.00971	.04240	.01299	.00305	99.819	.22451

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00917	-.00084	27.817	.28437	.04847	.09607	145.63
Stddev	.00018	.00010	.209	.00069	.00017	.00065	.60
%RSD	1.9922	11.426	.74965	.24308	.34443	.67384	.40991

#1	.00903	-.00095	27.666	.28479	.04857	.09592	145.77
#2	.00938	-.00076	27.731	.28357	.04828	.09551	146.15
#3	.00909	-.00081	28.055	.28475	.04857	.09678	144.98

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.93327	52.636	.15206	-.01431	114.75	.32280	.35921
Stddev	.00129	.323	.00043	.00024	.16	.00076	.00005
%RSD	.13796	.61308	.28285	1.6868	.13546	.23695	.01254

#1	.93239	52.326	.15244	-.01439	114.57	.32325	.35917
#2	.93475	52.613	.15214	-.01451	114.84	.32323	.35921
#3	.93268	52.970	.15159	-.01405	114.83	.32192	.35926

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.307	.05639	.41754	F 204.57	4.3059	-.07058	3.8151
Stddev	.094	.00072	.00761	.14	.0137	.00062	.0256
%RSD	.34429	1.2775	1.8237	.07084	.31867	.87276	.67045

#1	27.210	.05651	.40910	204.63	4.2937	-.06993	3.7973
#2	27.314	.05705	.42388	204.68	4.3033	-.07116	3.8036
#3	27.397	.05562	.41965	204.40	4.3208	-.07065	3.8444

Sample Name: K2954-03 Acquired: 5/21/2019 17:26:50 Type: Unk
 Method: P4-ICP2(v3136) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 20190332A-GL Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.23785	4.270	.27295	<.00000	F<.00000
Stddev	.00145	.003	.00194	.07287	3.1013
%RSD	.61077	.0732	.70988	9.8781	6.2786

#1	.23677	4.274	.27151	-.74314	-52.926
#2	.23950	4.269	.27219	-.66231	-48.148
#3	.23727	4.268	.27515	-.80776	-47.112

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4127.2	53231.	5150.5	52.183	3552.8
Stddev	4.6	144.	5.7	.940	6.4
%RSD	.11219	.27088	.10971	1.8015	.18093

#1	4132.3	53156.	5147.6	52.654	3558.4
#2	4123.5	53141.	5157.0	51.100	3545.8
#3	4125.7	53398.	5146.9	52.794	3554.3

Sample Name: K2954-04 Acquired: 5/21/2019 17:31:19 Type: Unk
 Method: P4-ICP2(v3136) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 20190333A-GL Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00785	.00013	.03752	.00245	.00083	9.6014	.02720	.00076
Stddev	.00153	.00120	.00015	.00191	.00066	.0299	.00071	.00007
%RSD	19.498	931.11	.39404	77.901	79.919	.31167	2.6028	9.6428
#1	.00678	.00043	.03751	.00133	.00158	9.6121	.02708	.00079
#2	.00961	.00115	.03738	.00465	.00059	9.6244	.02796	.00068
#3	.00717	-.00119	.03767	.00137	.00032	9.5675	.02656	.00082
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00039	5.7442	.03561	.00228	.01719	11.952	.06995	8.5509
Stddev	.00005	.1123	.00017	.00022	.00022	.029	.00011	.0126
%RSD	11.666	1.9550	.48963	9.8319	1.3068	.24160	.15266	.14753
#1	-.00037	5.6149	.03541	.00238	.01735	11.984	.06999	8.5413
#2	-.00044	5.8007	.03573	.00245	.01729	11.929	.07003	8.5652
#3	-.00036	5.8170	.03568	.00203	.01693	11.942	.06983	8.5461
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01125	-.00101	39.975	.03255	.06790	3.8547	.00414	.04899
Stddev	.00012	.00041	.185	.00022	.00035	.0307	.00025	.01101
%RSD	1.0654	40.028	.46311	.69042	.52225	.79757	5.9419	22.468
#1	.01131	-.00089	39.821	.03262	.06751	3.8580	.00393	.03762
#2	.01132	-.00147	40.180	.03273	.06820	3.8837	.00409	.05960
#3	.01111	-.00069	39.923	.03230	.06800	3.8225	.00441	.04974
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 17.368	2.9542	-.00844	.38891	.01360	.4726	.07883	1.7019
Stddev	.134	.0367	.00055	.00626	.00144	.0044	.00120	.3382
%RSD	.77216	1.2407	6.5316	1.6098	10.613	.9279	1.5251	19.872
#1	17.213	2.9133	-.00904	.38206	.01249	.4686	.07749	1.8768
#2	17.454	2.9840	-.00797	.39433	.01309	.4719	.07980	1.3120
#3	17.436	2.9654	-.00830	.39035	.01523	.4773	.07920	1.9168

Sample Name: K2954-04 Acquired: 5/21/2019 17:31:19 Type: Unk
 Method: P4-ICP2(v3136) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 20190333A-GL Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	3.7148
Stddev	4.1136
%RSD	110.73

#1	7.4537
#2	-.69176
#3	4.3825

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4013.5	51961.	4886.3	55.143	3970.6
Stddev	7.9	127.	39.5	1.034	14.5
%RSD	.19679	.24455	.80808	1.8746	.36551

#1	4013.0	51821.	4931.9	56.334	3987.1
#2	4021.7	51993.	4863.6	54.610	3964.9
#3	4005.9	52069.	4863.4	54.484	3959.9

Sample Name: K2954-05 Acquired: 5/21/2019 17:35:40 Type: Unk
Method: P4-ICP2(v3136) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 20190334A-GL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09872	-.00614	.38306	.01095	.00257	78.759	.20198
Stddev	.00301	.00193	.00210	.00336	.00130	.700	.00170
%RSD	3.0500	31.491	.54930	30.718	50.605	.88861	.84391

#1	.09685	-.00620	.38449	.00738	.00386	77.962	.20007
#2	.09712	-.00417	.38064	.01406	.00258	79.274	.20254
#3	.10219	-.00804	.38404	.01142	.00126	79.040	.20334

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01066	.00137	27.064	.30810	.06136	.39113	164.23
Stddev	.00004	.00033	.079	.00112	.00024	.00323	1.48
%RSD	.38829	24.257	.29360	.36453	.38704	.82546	.90246

#1	.01062	.00167	27.073	.30771	.06162	.39360	162.68
#2	.01067	.00101	26.980	.30722	.06116	.38748	165.63
#3	.01070	.00145	27.138	.30936	.06130	.39232	164.36

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3800	46.006	.14752	-.01424	72.703	.32161	1.4075
Stddev	.0005	.423	.00114	.00018	.579	.00082	.0046
%RSD	.03425	.92011	.77410	1.2937	.79645	.25373	.32501

#1	1.3795	45.520	.14864	-.01443	72.035	.32225	1.4113
#2	1.3801	46.295	.14636	-.01422	73.051	.32069	1.4024
#3	1.3804	46.204	.14756	-.01406	73.024	.32188	1.4088

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.290	.01268	.42728	F 156.64	4.2750	-.02843	2.9648
Stddev	.164	.00046	.00515	.21	.0534	.00152	.0090
%RSD	.76904	3.6429	1.2042	.13660	1.2501	5.3498	.30434

#1	21.114	.01320	.42702	156.88	4.3234	-.02886	2.9566
#2	21.321	.01253	.42227	156.55	4.2177	-.02969	2.9745
#3	21.437	.01232	.43255	156.48	4.2838	-.02674	2.9634

Sample Name: K2954-05 Acquired: 5/21/2019 17:35:40 Type: Unk
 Method: P4-ICP2(v3136) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 20190334A-GL Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.14661	4.505	.11490	<.00000	F<.00000
Stddev	.00048	.019	.00211	.90521	1.6279
%RSD	.32688	.4283	1.8363	23.247	3.3852
#1	.14623	4.525	.11719	-3.1745	-49.524
#2	.14646	4.487	.11303	-3.5970	-48.421
#3	.14715	4.504	.11448	-4.9103	-46.320
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4276.6	54913.	5253.8	52.362	3649.8
Stddev	17.1	110.	51.1	1.774	7.4
%RSD	.40093	.19995	.97300	3.3869	.20172
#1	4262.9	55040.	5194.9	50.406	3643.4
#2	4295.8	54847.	5287.0	52.816	3657.8
#3	4271.0	54853.	5279.5	53.865	3648.1

Sample Name: K2962-01 Acquired: 5/21/2019 17:40:02 Type: Unk
 Method: P4-ICP2(v3136) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CONCRETE-BUS Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02319	-.03501	.07220	-.00123	.00684	201.38	1.7208	.01460
Stddev	.00365	.00350	.00331	.00242	.00245	1.06	.0135	.00020
%RSD	15.739	9.9914	4.5862	196.41	35.871	.52631	.78474	1.3595
#1	.02505	-.03694	.06894	-.00003	.00889	201.29	1.7227	.01438
#2	.02554	-.03712	.07211	-.00402	.00412	200.36	1.7064	.01466
#3	.01898	-.03097	.07556	.00035	.00752	202.48	1.7332	.01476
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00138	1753.9	.32375	.05101	.29144	115.24	4.4488	115.06
Stddev	.00008	11.5	.00042	.00050	.00089	.27	.0071	1.08
%RSD	6.1258	.65490	.12885	.98529	.30430	.23354	.15905	.93657
#1	.00137	1741.8	.32350	.05098	.29223	115.11	4.4445	114.85
#2	.00146	1755.2	.32423	.05152	.29048	115.06	4.4450	114.10
#3	.00130	1764.7	.32353	.05052	.29160	115.55	4.4570	116.23
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13350	-.02307	5.4247	.30701	.93351	20.419	.00778	.42531
Stddev	.00069	.00078	.0331	.00024	.00234	.160	.00021	.01165
%RSD	.51805	3.4025	.60969	.07979	.25039	.78597	2.6394	2.7402
#1	.13428	-.02395	5.4380	.30717	.93543	20.410	.00765	.43597
#2	.13324	-.02244	5.3870	.30673	.93419	20.264	.00802	.41287
#3	.13297	-.02282	5.4490	.30714	.93091	20.584	.00768	.42708
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 80.084	.68258	.00628	8.9264	.22639	6.478	7.3814	4.9900
Stddev	.169	.00266	.00048	.0111	.00098	.018	.0940	.0868
%RSD	.21135	.38897	7.6608	.12469	.43263	.2717	1.2730	1.7404
#1	80.081	.68215	.00671	8.9167	.22724	6.487	7.3215	4.9955
#2	80.255	.68543	.00637	8.9240	.22662	6.488	7.4897	4.9005
#3	79.917	.68017	.00576	8.9385	.22532	6.457	7.3330	5.0739

Sample Name: K2962-01 Acquired: 5/21/2019 17:40:02 Type: Unk
 Method: P4-ICP2(v3136) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CONCRETE-BUS Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	19.846
Stddev	3.126
%RSD	15.754

#1	23.278
#2	17.160
#3	19.100

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3735.3	47382.	4994.9	45.607	2918.1
Stddev	2.7	163.	5.3	1.108	6.8
%RSD	.07252	.34352	.10599	2.4286	.23277

#1	3732.3	47329.	4993.0	46.832	2912.9
#2	3737.5	47565.	4990.9	44.675	2915.7
#3	3736.2	47252.	5000.9	45.314	2925.8

Sample Name: K2962-02 Acquired: 5/21/2019 17:44:45 Type: Unk
Method: P4-ICP2(v3136) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DB-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00969	-.00583	.22321	-.02755	.01757	274.78	1.0496
Stddev	.00172	.00093	.00099	.00265	.00168	1.47	.0069
%RSD	17.738	15.862	.44327	9.6083	9.5655	.53488	.65495

#1	.01136	-.00685	.22404	-.02979	.01886	273.09	1.0420
#2	.00793	-.00505	.22348	-.02463	.01567	275.65	1.0552
#3	.00978	-.00559	.22212	-.02824	.01818	275.62	1.0518

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03157	.00949	34.705	.35654	.34127	.40341	362.10
Stddev	.00007	.00046	.117	.00066	.00113	.00059	2.61
%RSD	.21265	4.8090	.33636	.18524	.33021	.14507	.72158

#1	.03154	.01000	34.696	.35589	.33997	.40332	359.11
#2	.03164	.00911	34.826	.35652	.34180	.40288	363.24
#3	.03152	.00936	34.593	.35721	.34203	.40404	363.94

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.0804	144.05	.71280	-.05693	7.7988	.52077	1.6178
Stddev	.0401	1.20	.00105	.00067	.0578	.00043	.0014
%RSD	.56657	.82970	.14757	1.1847	.74111	.08214	.08434

#1	7.0585	142.68	.71162	-.05770	7.7345	.52057	1.6172
#2	7.0561	144.92	.71364	-.05651	7.8463	.52048	1.6193
#3	7.1267	144.54	.71313	-.05656	7.8157	.52126	1.6168

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.530	-.00007	.97549	.72826	3.2073	.02203	4.4509
Stddev	.185	.00059	.02159	.00296	.0585	.00035	.0123
%RSD	.82070	829.00	2.2132	.40588	1.8223	1.5703	.27707

#1	22.320	.00021	.97782	.73165	3.2702	.02166	4.4377
#2	22.669	.00033	.95284	.72620	3.1970	.02208	4.4621
#3	22.601	-.00075	.99583	.72694	3.1547	.02235	4.4529

Sample Name: K2962-02 Acquired: 5/21/2019 17:44:45 Type: Unk
 Method: P4-ICP2(v3136) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: DB-2 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.80007	6.559	-.16143	<.00000	F<.00000
Stddev	.00038	.005	.00277	.27129	5.2975
%RSD	.04804	.0726	1.7141	2.9577	1.7809
#1	.79982	6.560	-.15841	-9.4830	-299.83
#2	.80051	6.554	-.16202	-8.9813	-301.15
#3	.79987	6.564	-.16385	-9.0532	-291.39
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4425.2	56909.	5567.1	51.978	3351.3
Stddev	2.7	159.	26.3	.856	2.3
%RSD	.06140	.27988	.47269	1.6466	.07009
#1	4425.6	57057.	5537.3	51.336	3351.4
#2	4427.7	56929.	5577.2	51.648	3353.6
#3	4422.3	56741.	5587.0	52.950	3348.9

Sample Name: K2962-06 Acquired: 5/21/2019 17:49:19 Type: Unk
Method: P4-ICP2(v3136) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DB-3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00854	-.00624	.26057	-.01146	.01536	226.29	2.0173
Stddev	.00129	.00093	.00189	.00364	.00108	.15	.0085
%RSD	15.150	14.860	.72509	31.728	7.0061	.06621	.41937

#1	-.00710	-.00581	.26267	-.00982	.01557	226.42	2.0076
#2	-.00961	-.00560	.26002	-.01563	.01419	226.13	2.0232
#3	-.00891	-.00730	.25902	-.00894	.01631	226.33	2.0211

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03002	.00719	19.098	.33940	.33673	.23844	325.46
Stddev	.00020	.00011	.093	.00109	.00017	.00022	1.30
%RSD	.65283	1.5583	.48540	.32057	.04975	.09096	.40044

#1	.02979	.00721	19.041	.33914	.33692	.23837	324.10
#2	.03010	.00707	19.047	.34059	.33669	.23868	326.69
#3	.03015	.00728	19.205	.33845	.33659	.23826	325.59

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.663	120.75	.70685	-.04579	3.8127	.38922	1.5584
Stddev	.085	.95	.00130	.00038	.0162	.00139	.0039
%RSD	.67355	.78637	.18371	.82571	.42563	.35768	.24921

#1	12.566	119.70	.70722	-.04618	3.7955	.38864	1.5624
#2	12.726	121.56	.70792	-.04543	3.8278	.39081	1.5546
#3	12.697	120.99	.70540	-.04576	3.8148	.38821	1.5582

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.461	-.00001	.35786	.40225	2.8366	.02016	3.8457
Stddev	.206	.00007	.01636	.00297	.0161	.00029	.0220
%RSD	.77712	908.00	4.5710	.73837	.56782	1.4301	.57093

#1	26.225	.00008	.34643	.40450	2.8455	.02010	3.8253
#2	26.600	-.00005	.37660	.39888	2.8180	.01990	3.8428
#3	26.558	-.00005	.35055	.40336	2.8463	.02047	3.8690

Sample Name: K2962-06 Acquired: 5/21/2019 17:49:19 Type: Unk
Method: P4-ICP2(v3136) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DB-3 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.87123	5.036	-.22048	<.00000	F<.00000
Stddev	.00441	.007	.00153	.54122	2.0054
%RSD	.50628	.1309	.69436	5.3294	.85990
#1	.87524	5.034	-.21937	-10.387	-234.53
#2	.86651	5.043	-.22223	-9.5369	-230.90
#3	.87196	5.030	-.21985	-10.542	-234.21
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4597.2	58842.	5738.9	50.553	3417.0
Stddev	3.3	140.	17.0	1.159	8.1
%RSD	.07272	.23873	.29631	2.2923	.23764
#1	4593.8	58856.	5721.6	50.007	3409.6
#2	4597.3	58695.	5755.6	51.883	3425.7
#3	4600.5	58975.	5739.5	49.767	3415.8

Sample Name: K2962-10 Acquired: 5/21/2019 17:53:53 Type: Unk
Method: P4-ICP2(v3136) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DB-4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k -.01789	k -.03163	k .34142	k -.08115	k .02265	s 326.88	s 1.8703
Stddev	.00237	.01336	.03310	.08310	.00378	66.08	.3780
%RSD	13.234	42.248	9.6933	102.40	16.693	20.214	20.212

#1	-.02030	-.02738	.32193	-.03361	.02051	286.71	1.6399
#2	k -.01781	k -.04659	k .37963	k -.17711	k .02702	s 403.15	s 2.3066
#3	-.01557	-.02090	.32270	-.03274	.02042	290.80	1.6645

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	s .04253	k .02872	k 17.960	s .53883	k .44436	k .35995	s 427.87
Stddev	.00853	.02497	.582	.14832	.00714	.04415	84.78
%RSD	20.049	86.961	3.2408	27.527	1.6069	12.265	19.814

#1	.03723	.01444	17.647	.45302	.43926	.33520	377.35
#2	s .05236	k .05755	k 18.632	s .71010	k .45253	k .41092	s 525.75
#3	.03799	.01416	17.602	.45336	.44130	.33373	380.52

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	s 13.849	s 202.18	k .84850	s -.10054	s 5.0640	s .62161	k 2.2264
Stddev	2.792	40.97	.00164	.06298	1.0319	.12763	.0611
%RSD	20.161	20.266	.19298	62.642	20.378	20.533	2.7448

#1	12.218	176.83	.84710	-.06423	4.4386	.54515	2.1888
#2	s 17.073	s 249.45	k .85030	s -.17326	s 6.2551	s .76895	k 2.2969
#3	12.256	180.26	.84810	-.06413	4.4984	.55072	2.1935

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	s 53.737	.00175	s .48813	k .61901	k 4.0025	k .03034	k 6.8784
Stddev	10.898	.00054	.34197	.04943	.0141	.00306	.0180
%RSD	20.280	30.772	70.056	7.9856	.35140	10.099	.26173

#1	47.153	.00149	.68683	.64608	4.0008	.03007	6.8968
#2	s 66.317	.00237	s .09327	k .56196	k 3.9894	k .02743	k 6.8775
#3	47.741	.00140	.68429	.64900	4.0174	.03354	6.8608

Sample Name: K2962-10 Acquired: 5/21/2019 17:53:53 Type: Unk
 Method: P4-ICP2(v3136) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: DB-4 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	1.0914	k 4.136	k -.12244	<.00000	F<.00000
Stddev	.0056	.012	.24109	.11961	3.8151
%RSD	.51047	.2898	196.91	.96189	1.0976
#1	1.0968	4.140	-.25976	-12.573	-350.80
#2	1.0857	k 4.122	k .15594	-12.370	-343.38
#3	1.0919	4.145	-.26350	-12.361	-348.60
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4562.1	^ *****	5714.2	50.669	3284.0
Stddev	3.4	-----	40.2	.759	9.8
%RSD	.07480	-----	.70266	1.4980	.29967
#1	4560.6	58259.	5672.9	51.166	3285.5
#2	4566.0	^ -----	5716.7	51.046	3293.0
#3	4559.7	58250.	5753.1	49.795	3273.5

Sample Name: CCV06 Acquired: 5/21/2019 17:58:28 Type: Unk
Method: P4-ICP2(v3136) 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	5.0536	5.1604	4.9904	5.0661	5.0481	9.7390	9.8806	.25395
Stddev	.0048	.0059	.0081	.0229	.0108	.0188	.0398	.00037
%RSD	.09523	.11349	.16318	.45274	.21373	.19307	.40243	.14763
#1	5.0508	5.1538	4.9883	5.0460	5.0357	9.7588	9.9205	.25435
#2	5.0591	5.1624	4.9994	5.0612	5.0550	9.7214	9.8804	.25389
#3	5.0508	5.1649	4.9836	5.0911	5.0538	9.7367	9.8409	.25360
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4835	25.249	1.0142	2.4878	1.2602	5.0696	2.5301	24.668
Stddev	.0050	.101	.0017	.0040	.0030	.0161	.0032	.098
%RSD	.20006	.40064	.17031	.16068	.23952	.31784	.12563	.39840
#1	2.4786	25.134	1.0145	2.4832	1.2593	5.0879	2.5332	24.778
#2	2.4885	25.289	1.0157	2.4899	1.2576	5.0633	2.5303	24.635
#3	2.4833	25.324	1.0123	2.4904	1.2635	5.0575	2.5268	24.590
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4938	1.2545	24.841	2.5391	2.4686	25.241	5.0789	4.9588
Stddev	.0021	.0022	.080	.0056	.0034	.146	.0082	.0240
%RSD	.08492	.17795	.32207	.22028	.13995	.57658	.16083	.48333
#1	2.4914	1.2550	24.750	2.5456	2.4647	25.111	5.0703	4.9443
#2	2.4954	1.2564	24.875	2.5359	2.4712	25.213	5.0866	4.9864
#3	2.4946	1.2521	24.899	2.5359	2.4699	25.398	5.0797	4.9456
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0166	5.0140	5.0312	4.9874	4.9135	5.098	5.0343	F 3.2227
Stddev	.0034	.0224	.0088	.0083	.0249	.008	.0290	.1668
%RSD	.06743	.44608	.17464	.16725	.50708	.1563	.57687	5.1760
#1	5.0192	4.9887	5.0391	4.9795	4.8881	5.089	5.0008	3.3096
#2	5.0128	5.0313	5.0327	4.9867	4.9379	5.105	5.0533	3.0304
#3	5.0177	5.0219	5.0217	4.9961	4.9146	5.099	5.0486	3.3281

Sample Name: CCV06 Acquired: 5/21/2019 17:58:28 Type: Unk
Method: P4-ICP2(v3136) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 3.5284
Stddev	3.0586
%RSD	86.686

#1	7.0120
#2	1.2834
#3	2.2897

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3848.7	48835.	4560.5	51.560	3737.8
Stddev	8.5	233.	16.5	.652	10.0
%RSD	.22056	.47784	.36159	1.2651	.26874

#1	3840.6	48660.	4563.6	52.196	3730.4
#2	3848.0	48745.	4542.6	50.893	3733.7
#3	3857.5	49100.	4575.2	51.592	3749.2

Sample Name: CCB06 Acquired: 5/21/2019 18:02:36 Type: Unk
Method: P4-ICP2(v3136) 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	-.00036	.00086	F .00351	-.00087	.00060	-.00796	.00085	.00006
Stddev	.00321	.00040	.00019	.00290	.00183	.00611	.00011	.00006
%RSD	900.23	46.138	5.5239	332.13	307.24	76.673	12.832	102.51
#1	-.00401	.00103	.00363	-.00408	.00148	-.00197	.00073	-.00001
#2	.00096	.00041	.00329	-.00008	-.00151	-.01417	.00093	.00010
#3	.00199	.00114	.00362	.00155	.00182	-.00775	.00091	.00008
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.01723	-.00030	-.00021	-.00080	.00120	-.00007	-.05938
Stddev	.00005	.01075	.00042	.00014	.00025	.00067	.00004	.03430
%RSD	98.996	62.398	143.31	65.730	31.511	55.941	62.833	57.759
#1	.00012	-.02810	.00001	-.00016	-.00090	.00177	-.00007	-.06504
#2	.00003	-.01699	-.00078	-.00037	-.00051	.00137	-.00003	-.02261
#3	.00001	-.00660	-.00011	-.00011	-.00099	.00046	-.00012	-.09051
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	-.00024	-.04146	-.00008	.00079	-.00793	.00049	-.00213
Stddev	.00016	.00017	.00673	.00022	.00013	.01559	.00026	.00904
%RSD	176.52	70.909	16.220	281.42	16.872	196.72	53.143	425.17
#1	.00027	-.00015	-.03769	-.00029	.00094	.00975	.00075	.00703
#2	.00005	-.00013	-.04923	.00014	.00072	-.01973	.00050	-.00237
#3	-.00004	-.00043	-.03747	-.00008	.00070	-.01380	.00023	-.01105
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00444	-.00237	-.00268	.00018	-.00139	-.0004	.00007	F 2.1367
Stddev	.00202	.00254	.00062	.00078	.00051	.0004	.00006	.1224
%RSD	45.424	107.19	22.993	431.55	36.262	96.18	83.558	5.7265
#1	.00403	-.00070	-.00336	-.00072	-.00101	-.0002	.00007	1.9965
#2	.00662	-.00111	-.00253	.00064	-.00197	-.0008	.00012	2.2220
#3	.00265	-.00529	-.00215	.00061	-.00121	-.0001	.00001	2.1917

Sample Name: CCB06 Acquired: 5/21/2019 18:02:36 Type: Unk
 Method: P4-ICP2(v3136) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 2.1328
 Stddev 3.0199
 %RSD 141.59

#1 -.89070
 #2 5.1490
 #3 2.1401

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4037.9	51762.	4689.4	54.129	4222.3
Stddev	3.4	117.	5.2	1.820	4.7
%RSD	.08329	.22642	.11068	3.3631	.11035

#1	4035.1	51629.	4692.9	53.216	4217.5
#2	4036.9	51804.	4691.8	52.945	4226.8
#3	4041.6	51852.	4683.4	56.225	4222.7

Sample Name: K2895-01 Acquired: 5/21/2019 18:07:05 Type: Unk
Method: P4-ICP2(v3136) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CHRT-26835 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00361	.00065	.00334	.00285	-.00012	-.03631	.21965	.00013
Stddev	.00318	.00109	.00053	.00189	.00217	.01557	.00122	.00003
%RSD	88.240	167.10	15.950	66.301	1785.9	42.881	.55729	24.030

#1	-.00026	.00067	.00334	.00068	-.00010	-.01888	.22099	.00012
#2	-.00395	.00173	.00388	.00414	.00204	-.04123	.21934	.00010
#3	-.00660	-.00045	.00281	.00374	-.00231	-.04883	.21860	.00016

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00017	325.16	-.00172	.00082	.00506	5.7560	1.3169	85.190
Stddev	.00002	1.16	.00023	.00013	.00047	.0326	.0072	.473
%RSD	12.127	.35603	13.323	16.346	9.1875	.56605	.54709	.55496

#1	-.00015	324.11	-.00170	.00092	.00521	5.7802	1.3224	84.934
#2	-.00017	324.96	-.00196	.00086	.00544	5.7688	1.3197	85.736
#3	-.00020	326.40	-.00150	.00067	.00454	5.7189	1.3088	84.900

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00310	-.00259	77.015	-.00367	.02910	21.223	.00128	.34209
Stddev	.00041	.00021	.258	.00026	.00015	.070	.00022	.00581
%RSD	13.318	8.0131	.33533	7.0864	.52129	.32800	17.443	1.6983

#1	.00265	-.00236	77.155	-.00391	.02927	21.243	.00144	.34871
#2	.00345	-.00264	77.172	-.00370	.02905	21.281	.00138	.33784
#3	.00320	-.00276	76.716	-.00339	.02898	21.146	.00103	.33972

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 109.10	F 14.743	-.04214	-.00811	.02747	.0461	2.9559	6.0042
Stddev	.34	.028	.00042	.00139	.00089	.0015	.0029	.1602
%RSD	.30966	.19306	1.0070	17.142	3.2243	3.327	.09887	2.6682

#1	109.47	14.772	-.04174	-.00693	.02675	.0452	2.9533	5.8393
#2	108.82	14.741	-.04259	-.00775	.02846	.0452	2.9553	6.0141
#3	109.00	14.715	-.04210	-.00964	.02719	.0478	2.9591	6.1592

Sample Name: K2895-01 Acquired: 5/21/2019 18:07:05 Type: Unk
 Method: P4-ICP2(v3136) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CHRT-26835 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	19.279
Stddev	2.797
%RSD	14.507

#1	16.354
#2	21.927
#3	19.555

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3559.5	45676.	4409.2	48.612	3422.2
Stddev	14.7	315.	5.5	.229	12.2
%RSD	.41386	.68922	.12472	.47157	.35705

#1	3543.8	45435.	4403.7	48.384	3408.4
#2	3572.9	45561.	4409.0	48.843	3431.6
#3	3561.9	46032.	4414.7	48.609	3426.6

Sample Name: K2896-09 Acquired: 5/21/2019 18:11:27 Type: Unk
Method: P4-ICP2(v3136) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-15-S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02216	.00044	.18470	.00612	.00431	3.6546	6.7483	.00063
Stddev	.00110	.00153	.00127	.00204	.00157	.0069	.0317	.00007
%RSD	4.9600	349.03	.68954	33.249	36.293	.18824	.46986	11.847
#1	.02138	-.00107	.18436	.00378	.00444	3.6469	6.7777	.00056
#2	.02341	.00040	.18610	.00711	.00581	3.6600	6.7525	.00061
#3	.02168	.00198	.18362	.00748	.00269	3.6569	6.7147	.00071
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	118.25	.01271	.00467	.07182	9.4123	.51077	35.463
Stddev	.00007	.25	.00059	.00010	.00088	.0150	.00081	.114
%RSD	1069.4	.21457	4.6329	2.1716	1.2202	.15991	.15852	.32265
#1	-.00006	118.12	.01218	.00477	.07103	9.3955	.51055	35.364
#2	.00007	118.09	.01334	.00457	.07277	9.4169	.51010	35.437
#3	.00002	118.54	.01260	.00466	.07168	9.4246	.51167	35.589
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01643	-.00134	485.72	.02080	.24658	36.549	.00899	.87265
Stddev	.00016	.00043	1.42	.00045	.00027	.141	.00028	.01771
%RSD	.97213	31.779	.29251	2.1724	.11066	.38537	3.1575	2.0297
#1	.01639	-.00145	487.07	.02111	.24658	36.609	.00873	.89275
#2	.01629	-.00087	485.86	.02028	.24685	36.649	.00929	.86584
#3	.01660	-.00170	484.23	.02101	.24631	36.388	.00894	.85935
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2311	F 20.928	.00823	.17995	.11160	.5989	1.5391	5.3432
Stddev	.0012	.131	.00067	.00186	.00222	.0020	.0039	.2636
%RSD	.05451	.62720	8.1867	1.0312	1.9906	.3406	.25243	4.9335
#1	2.2319	20.870	.00771	.18134	.11128	.5974	1.5436	5.6208
#2	2.2297	20.836	.00899	.18066	.10956	.6012	1.5365	5.3125
#3	2.2317	21.078	.00799	.17784	.11397	.5980	1.5373	5.0963

Sample Name: K2896-09 Acquired: 5/21/2019 18:11:27 Type: Unk
 Method: P4-ICP2(v3136) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-15-S Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	33.479
Stddev	1.989
%RSD	5.9412

#1	33.876
#2	35.239
#3	31.321

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3664.4	46175.	4517.5	49.330	3450.0
Stddev	9.0	120.	17.2	.884	7.0
%RSD	.24465	.25957	.37995	1.7921	.20418

#1	3666.0	46039.	4513.1	49.066	3445.4
#2	3654.8	46265.	4536.5	50.316	3446.4
#3	3672.5	46222.	4503.0	48.608	3458.1

Sample Name: K2902-05 Acquired: 5/21/2019 18:15:58 Type: Unk
Method: P4-ICP2(v3136) 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	.00153	-.00080	.00397	.00869	.00062	12.441	.02921	.00074
Stddev	.00155	.00108	.00094	.00196	.00136	.109	.00067	.00006
%RSD	101.23	135.76	23.755	22.588	220.25	.87689	2.2800	8.5694
#1	.00332	-.00195	.00311	.00859	-.00095	12.349	.02854	.00068
#2	.00074	-.00066	.00381	.01070	.00145	12.412	.02987	.00074
#3	.00053	.00021	.00498	.00678	.00136	12.561	.02922	.00080
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01663	29.591	.02272	.00230	.04117	17.273	.02379	2.9704
Stddev	.00018	.042	.00030	.00012	.00011	.015	.00005	.0738
%RSD	1.0824	.14140	1.3167	5.3660	.26564	.08845	.22921	2.4856
#1	.01682	29.567	.02306	.00228	.04124	17.256	.02373	2.9013
#2	.01662	29.566	.02260	.00219	.04123	17.276	.02383	3.0482
#3	.01646	29.639	.02249	.00243	.04105	17.286	.02380	2.9616
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09390	-.00080	43.415	.02761	.07030	3.8762	.00147	.06164
Stddev	.00039	.00025	.112	.00021	.00048	.0293	.00008	.01875
%RSD	.41959	30.858	.25832	.75307	.67697	.75482	5.2493	30.422
#1	.09401	-.00052	43.294	.02758	.07085	3.8424	.00142	.07745
#2	.09423	-.00090	43.436	.02783	.06998	3.8936	.00156	.04092
#3	.09347	-.00099	43.516	.02741	.07007	3.8925	.00144	.06655
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6121	F 15.112	-.00407	.20901	.00515	.2973	.22032	2.2136
Stddev	.0052	.074	.00051	.00191	.00091	.0016	.00053	.5270
%RSD	.19955	.48867	12.647	.91233	17.574	.5290	.24123	23.807
#1	2.6066	15.137	-.00439	.20744	.00609	.2988	.22073	2.8168
#2	2.6128	15.170	-.00434	.20847	.00509	.2957	.22052	1.8427
#3	2.6169	15.029	-.00347	.21113	.00428	.2976	.21972	1.9812

Sample Name: K2902-05 Acquired: 5/21/2019 18:15:58 Type: Unk
 Method: P4-ICP2(v3136) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	5.4955
Stddev	1.6233
%RSD	29.540

#1	4.1848
#2	4.9902
#3	7.3113

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3949.0	50917.	4743.7	53.566	3938.3
Stddev	8.5	152.	29.9	.418	20.9
%RSD	.21473	.29754	.62977	.78007	.52982

#1	3939.5	50890.	4727.7	54.015	3914.5
#2	3951.4	50781.	4725.3	53.492	3947.5
#3	3955.9	51080.	4778.2	53.189	3953.0

Sample Name: K2902-09 Acquired: 5/21/2019 18:29:15 Type: Unk
Method: P4-ICP2(v3136) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA8230 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00515	.00115	-.00193	.00143	.00154	.91785	.03070	.00020
Stddev	.00206	.00173	.00047	.00154	.00072	.02837	.00057	.00004
%RSD	39.938	149.72	24.279	108.22	46.823	3.0913	1.8407	18.027
#1	-.00752	.00206	-.00232	.00240	.00234	.91229	.03136	.00016
#2	-.00384	-.00084	-.00206	-.00035	.00137	.94859	.03039	.00022
#3	-.00409	.00223	-.00141	.00224	.00092	.89267	.03037	.00023
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00022	18.183	.00666	.00001	-.00003	5.3472	.07230	4.4200
Stddev	.00003	.134	.00014	.00020	.00025	.0110	.00005	.0597
%RSD	15.729	.73765	2.1548	3254.0	733.44	.20608	.06485	1.3505
#1	-.00018	18.058	.00655	.00020	-.00011	5.3593	.07229	4.3738
#2	-.00023	18.167	.00682	.00000	-.00023	5.3378	.07226	4.4874
#3	-.00024	18.325	.00662	-.00019	.00024	5.3444	.07235	4.3987
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00335	-.00079	9.7348	.00259	.01599	7.3722	.00114	.01810
Stddev	.00004	.00056	.0105	.00041	.00014	.0623	.00036	.01701
%RSD	1.1480	71.572	.10749	15.816	.84955	.84458	31.420	94.008
#1	.00334	-.00050	9.7442	.00219	.01598	7.3112	.00148	.02073
#2	.00332	-.00144	9.7366	.00301	.01614	7.4357	.00076	.03364
#3	.00339	-.00042	9.7235	.00256	.01586	7.3696	.00117	-.00008
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.6676	F 32.297	-.00693	.01741	.03197	1.958	.17418	2.5683
Stddev	.0136	.244	.00074	.00153	.00041	.007	.00054	.1671
%RSD	.20460	.75470	10.670	8.7999	1.2828	.3618	.30734	6.5077
#1	6.6573	32.410	-.00776	.01736	.03178	1.957	.17370	2.4683
#2	6.6831	32.017	-.00634	.01590	.03169	1.966	.17407	2.4754
#3	6.6626	32.464	-.00669	.01896	.03244	1.952	.17476	2.7613

Sample Name: K2902-09 Acquired: 5/21/2019 18:29:15 Type: Unk
Method: P4-ICP2(v3136) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA8230 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.5899
Stddev	.6353
%RSD	39.961

#1	1.8233
#2	.87086
#3	2.0755

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3986.3	51109.	4720.7	54.644	4127.8
Stddev	26.6	59.	31.7	.542	19.7
%RSD	.66686	.11637	.67127	.99241	.47649

#1	3969.5	51050.	4712.1	54.527	4132.6
#2	3972.5	51108.	4755.7	54.169	4106.2
#3	4017.0	51169.	4694.1	55.235	4144.6

Sample Name: K2902-10 Acquired: 5/21/2019 18:33:37 Type: Unk
Method: P4-ICP2(v3136) 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	-.00288	-.00020	-.00093	.00158	.00223	-.00534	.00005	-.00006
Stddev	.00374	.00102	.00024	.00324	.00115	.01432	.00046	.00002
%RSD	130.02	501.78	25.584	204.59	51.784	268.25	899.85	39.980

#1	-.00080	.00057	-.00107	.00059	.00245	.00977	-.00013	-.00009
#2	-.00719	.00017	-.00106	-.00104	.00098	-.00707	-.00029	-.00005
#3	-.00064	-.00135	-.00065	.00520	.00325	-.01871	.00057	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	.00515	.00153	-.00019	-.00106	.01005	.00007	-.08819
Stddev	.00004	.01294	.00016	.00007	.00006	.00058	.00006	.03892
%RSD	77.690	251.43	10.298	35.209	5.5056	5.7401	85.776	44.129

#1	-.00004	.00002	.00140	-.00022	-.00099	.00962	.00006	-.04621
#2	-.00002	.01987	.00171	-.00011	-.00109	.01071	.00014	-.12307
#3	-.00011	-.00444	.00149	-.00023	-.00110	.00984	.00002	-.09530

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00055	-.00070	.02785	-.00018	.01146	-.04841	.00019	-.00959
Stddev	.00049	.00032	.00287	.00041	.00006	.01044	.00025	.01826
%RSD	89.139	45.291	10.288	226.01	.48778	21.566	134.46	190.35

#1	.00077	-.00098	.02985	-.00032	.01151	-.05916	-.00002	-.00133
#2	.00089	-.00035	.02457	.00028	.01146	-.03831	.00046	-.03052
#3	-.00001	-.00077	.02914	-.00052	.01140	-.04776	.00012	.00308

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00316	.00585	-.00462	.00074	-.00340	.0099	.00005	1.6253
Stddev	.00346	.00147	.00043	.00014	.00085	.0016	.00004	.3620
%RSD	109.26	25.142	9.2718	18.864	24.959	16.09	78.343	22.271

#1	.00684	.00675	-.00511	.00090	-.00306	.0081	.00001	2.0422
#2	-.00002	.00664	-.00444	.00070	-.00436	.0108	.00009	1.4427
#3	.00266	.00415	-.00432	.00063	-.00277	.0108	.00004	1.3910

Sample Name: K2902-10 Acquired: 5/21/2019 18:33:37 Type: Unk
 Method: P4-ICP2(v3136) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.3933
 Stddev 2.4592
 %RSD 176.51

#1 -1.4186
 #2 2.4559
 #3 3.1424

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4023.8	52276.	4685.3	52.403	4183.5
Stddev	7.1	189.	12.0	1.591	6.4
%RSD	.17573	.36185	.25556	3.0361	.15250

#1	4029.4	52229.	4692.4	51.780	4183.9
#2	4015.9	52115.	4692.0	51.218	4176.9
#3	4026.2	52485.	4671.5	54.211	4189.7

Sample Name: K2906-05 Acquired: 5/21/2019 18:38:05 Type: Unk
Method: P4-ICP2(v3136) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB8230 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00034	.00166	-.00054	-.00157	.00016	-.01461	.00047	.00007
Stddev	.00211	.00016	.00067	.00292	.00024	.00662	.00092	.00004
%RSD	615.19	9.8087	122.77	186.01	152.27	45.351	197.97	56.792

#1	.00209	.00174	-.00061	.00179	-.00001	-.01148	.00012	.00007
#2	-.00144	.00147	-.00118	-.00300	.00005	-.01012	-.00023	.00003
#3	-.00167	.00176	.00016	-.00349	.00043	-.02222	.00151	.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.02324	-.00023	-.00011	-.00101	-.00291	-.00044	-.06779
Stddev	.00006	.00624	.00002	.00006	.00026	.00095	.00006	.02789
%RSD	353.28	26.874	7.3802	59.620	26.301	32.523	12.927	41.147

#1	.00009	-.02841	-.00025	-.00016	-.00070	-.00297	-.00044	-.03763
#2	-.00002	-.02500	-.00023	-.00012	-.00120	-.00382	-.00050	-.09266
#3	-.00002	-.01630	-.00022	-.00004	-.00112	-.00193	-.00038	-.07308

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00070	-.00045	-.04542	.00025	.00664	-.05789	.00008	-.01138
Stddev	.00017	.00019	.00237	.00009	.00002	.04284	.00020	.00533
%RSD	23.641	41.184	5.2081	37.419	.26766	73.996	244.37	46.853

#1	.00089	-.00038	-.04661	.00016	.00665	-.09980	.00013	-.01180
#2	.00058	-.00031	-.04269	.00035	.00662	-.05969	-.00014	-.01648
#3	.00063	-.00066	-.04695	.00026	.00665	-.01418	.00025	-.00585

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00809	-.01064	-.00558	.00068	-.00559	.0012	-.00002	<.00000
Stddev	.00250	.00226	.00052	.00072	.00054	.0005	.00003	.41562
%RSD	30.872	21.240	9.3047	105.25	9.6438	44.20	190.36	23.247

#1	-.00626	-.00809	-.00599	.00117	-.00497	.0006	-.00005	-1.6363
#2	-.01094	-.01241	-.00574	-.00014	-.00586	.0015	-.00001	-1.4692
#3	-.00708	-.01141	-.00499	.00103	-.00594	.0014	.00001	-2.2580

Sample Name: K2906-05 Acquired: 5/21/2019 18:38:05 Type: Unk
 Method: P4-ICP2(v3136) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB8230 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 6.9463
 Stddev 2.1974
 %RSD 31.634

#1 4.4119
 #2 8.3188
 #3 8.1082

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4298.2	54603.	4911.3	56.306	4562.8
Stddev	14.4	131.	18.2	1.309	8.7
%RSD	.33541	.23988	.37053	2.3256	.18967

#1	4304.4	54748.	4893.3	54.980	4566.6
#2	4308.5	54494.	4929.7	57.598	4568.9
#3	4281.7	54566.	4911.0	56.341	4552.9

Sample Name: K2908-01 Acquired: 5/21/2019 18:42:33 Type: Unk
Method: P4-ICP2(v3136) 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	.00209	-.00023	.05857	.00337	.00312	3.5035	.14015	.00040
Stddev	.00295	.00139	.00119	.00077	.00067	.0124	.00148	.00004
%RSD	141.68	606.34	2.0398	22.952	21.635	.35281	1.0527	11.181
#1	.00157	-.00035	.05985	.00412	.00378	3.5163	.14183	.00035
#2	-.00058	-.00155	.05835	.00340	.00313	3.5027	.13906	.00042
#3	.00526	.00122	.05749	.00258	.00243	3.4916	.13957	.00043
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	94.530	.00721	.00301	.02579	5.1660	.60877	44.978
Stddev	.00004	.339	.00030	.00020	.00037	.0118	.00119	.186
%RSD	121.84	.35834	4.1506	6.5713	1.4494	.22882	.19562	.41355
#1	-.00001	94.152	.00744	.00299	.02620	5.1542	.60766	44.763
#2	.00007	94.633	.00733	.00282	.02548	5.1660	.60863	45.075
#3	.00005	94.806	.00688	.00322	.02568	5.1778	.61003	45.095
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00834	-.00121	364.89	.01361	.21462	30.326	.00975	.64134
Stddev	.00010	.00037	4.19	.00020	.00016	.072	.00026	.00846
%RSD	1.2366	30.386	1.1486	1.4357	.07598	.23824	2.6378	1.3198
#1	.00828	-.00092	361.57	.01371	.21445	30.410	.00959	.65036
#2	.00828	-.00108	363.50	.01374	.21462	30.282	.01004	.63358
#3	.00846	-.00162	369.60	.01338	.21478	30.287	.00961	.64007
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 12.478	F 20.376	-.00518	.11800	.01866	.7605	.63950	6.5114
Stddev	.015	.096	.00053	.00232	.00143	.0009	.00060	.2212
%RSD	.11908	.47050	10.237	1.9684	7.6587	.1165	.09430	3.3974
#1	12.487	20.277	-.00464	.11998	.01710	.7613	.63893	6.2812
#2	12.485	20.381	-.00519	.11856	.01896	.7596	.64013	6.5306
#3	12.461	20.469	-.00570	.11544	.01991	.7606	.63944	6.7224

Sample Name: K2908-01 Acquired: 5/21/2019 18:42:33 Type: Unk
Method: P4-ICP2(v3136) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	29.495
Stddev	2.403
%RSD	8.1468

#1	31.726
#2	26.951
#3	29.809

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3661.8	46553.	4542.6	50.134	3500.0
Stddev	8.8	109.	16.6	1.343	10.9
%RSD	.24127	.23397	.36451	2.6784	.31104

#1	3651.6	46448.	4559.8	51.244	3487.9
#2	3666.4	46546.	4541.4	48.642	3503.4
#3	3667.3	46665.	4526.7	50.517	3508.8

Sample Name: K2909-01 Acquired: 5/21/2019 18:47:01 Type: Unk
Method: P4-ICP2(v3136) 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	.00082	.00131	-.00034	-.00222	-.00018	-.00329	.00133	.00008
Stddev	.00340	.00086	.00084	.00046	.00095	.00259	.00018	.00001
%RSD	414.15	65.610	246.97	20.812	537.40	78.534	13.669	14.792

#1	-.00037	.00201	-.00030	-.00258	.00092	-.00245	.00114	.00007
#2	-.00182	.00158	.00048	-.00170	-.00071	-.00620	.00150	.00008
#3	.00465	.00035	-.00119	-.00237	-.00074	-.00124	.00137	.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.00408	-.00023	-.00006	-.00103	-.00200	-.00045	-.06910
Stddev	.00003	.00416	.00031	.00002	.00029	.00080	.00005	.01569
%RSD	417.80	101.93	131.21	37.808	27.809	40.010	12.045	22.705

#1	.00003	-.00325	-.00041	-.00005	-.00110	-.00132	-.00050	-.08465
#2	-.00002	-.00860	.00012	-.00004	-.00071	-.00288	-.00046	-.06939
#3	-.00003	-.00040	-.00040	-.00008	-.00127	-.00180	-.00039	-.05327

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00074	-.00022	.02545	-.00001	.00311	-.03104	.00015	-.00446
Stddev	.00012	.00040	.00463	.00011	.00004	.02680	.00021	.01094
%RSD	15.840	183.06	18.181	948.75	1.4088	86.357	138.20	245.15

#1	.00079	-.00060	.03047	-.00014	.00309	-.01678	.00016	.00628
#2	.00060	.00020	.02454	.00005	.00316	-.01438	-.00006	-.00408
#3	.00082	-.00027	.02135	.00006	.00308	-.06196	.00036	-.01559

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00101	-.00013	-.00596	.00063	-.00582	.0006	.00006	<.00000
Stddev	.00179	.00043	.00018	.00067	.00164	.0002	.00008	.33531
%RSD	176.11	331.17	3.0324	105.61	28.129	42.74	133.35	66.239

#1	.00300	-.00050	-.00576	-.00002	-.00770	.0005	.00014	-.86332
#2	-.00047	-.00023	-.00609	.00060	-.00475	.0008	.00001	-.19808
#3	.00052	.00034	-.00603	.00132	-.00500	.0004	.00002	-.45724

Sample Name: K2909-01 Acquired: 5/21/2019 18:47:01 Type: Unk
 Method: P4-ICP2(v3136) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 7.7575
 Stddev .7466
 %RSD 9.6245

#1 7.7629
 #2 8.5013
 #3 7.0081

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4251.8	54213.	4913.8	57.586	4508.7
Stddev	1.6	36.	15.3	.566	4.8
%RSD	.03752	.06565	.31149	.98260	.10664

#1	4252.6	54230.	4908.5	57.643	4511.7
#2	4252.8	54238.	4931.0	56.993	4511.1
#3	4250.0	54173.	4901.8	58.120	4503.1

Sample Name: K2913-05 Acquired: 5/21/2019 18:51:30 Type: Unk
Method: P4-ICP2(v3136) 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	.01771	.00143	.34808	.00283	.04681	9.8006	5.7913	.00089
Stddev	.00343	.00121	.00104	.00158	.00214	.0481	.0269	.00009
%RSD	19.345	84.577	.29843	55.719	4.5668	.49028	.46476	10.603
#1	.02163	.00273	.34710	.00225	.04785	9.7496	5.8140	.00079
#2	.01614	.00034	.34917	.00462	.04435	9.8073	5.7983	.00097
#3	.01534	.00121	.34797	.00163	.04822	9.8450	5.7615	.00092
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00020	209.06	.01987	.00309	.05613	17.160	1.3233	48.298
Stddev	.00009	.43	.00034	.00005	.00011	.044	.0023	.178
%RSD	47.011	.20450	1.7112	1.5402	.20002	.25574	.17146	.36938
#1	-.00012	208.58	.02026	.00304	.05626	17.209	1.3254	48.136
#2	-.00017	209.39	.01975	.00308	.05610	17.123	1.3209	48.489
#3	-.00030	209.22	.01961	.00314	.05604	17.149	1.3235	48.268
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00702	-.00205	1166.9	.01285	.12175	41.316	.03368	1.2820
Stddev	.00061	.00086	8.0	.00026	.00034	.107	.00047	.0059
%RSD	8.6603	41.877	.68949	2.0504	.27526	.25835	1.4078	.45847
#1	.00657	-.00186	1176.0	.01273	.12136	41.362	.03338	1.2797
#2	.00771	-.00131	1164.1	.01316	.12192	41.392	.03342	1.2887
#3	.00676	-.00300	1160.6	.01268	.12196	41.194	.03422	1.2776
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.1914	F 29.398	.01797	.11547	.05776	.4030	1.7158	8.2131
Stddev	.0194	.094	.00126	.00151	.00240	.0023	.0015	.4058
%RSD	.31312	.31943	7.0314	1.3106	4.1633	.5685	.08613	4.9404
#1	6.1731	29.312	.01652	.11672	.05506	.4003	1.7143	8.4332
#2	6.1894	29.384	.01881	.11589	.05851	.4046	1.7173	7.7449
#3	6.2117	29.498	.01858	.11379	.05969	.4039	1.7158	8.4613

Sample Name: K2913-05 Acquired: 5/21/2019 18:51:30 Type: Unk
 Method: P4-ICP2(v3136) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	43.834
Stddev	5.509
%RSD	12.569

#1	44.056
#2	38.216
#3	49.228

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3485.3	43571.	4415.4	48.053	3141.9
Stddev	8.2	142.	6.5	1.314	.9
%RSD	.23417	.32670	.14641	2.7336	.02782

#1	3476.6	43441.	4420.3	46.937	3140.9
#2	3486.5	43549.	4408.0	47.721	3142.5
#3	3492.8	43723.	4417.8	49.501	3142.4

Sample Name: K2951-15 Acquired: 5/21/2019 18:55:57 Type: Unk
Method: P4-ICP2(v3136) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-14 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03526	-.00026	.37973	.00368	.03075	7.6314	4.6226	.00133
Stddev	.00160	.00074	.00151	.00365	.00070	.0721	.0387	.00002
%RSD	4.5478	290.09	.39709	99.113	2.2734	.94429	.83635	1.3630
#1	.03662	-.00058	.38112	-.00040	.03054	7.5509	4.5918	.00134
#2	.03566	-.00078	.37996	.00484	.03152	7.6899	4.6660	.00131
#3	.03349	.00059	.37813	.00662	.03017	7.6534	4.6099	.00135
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00240	200.85	.04926	.01296	.20577	32.746	1.2722	47.614
Stddev	.00005	1.25	.00036	.00018	.00086	.021	.0006	.721
%RSD	2.1537	.62004	.72345	1.4112	.41751	.06452	.04828	1.5135
#1	.00242	201.93	.04934	.01276	.20645	32.725	1.2715	46.822
#2	.00234	201.13	.04887	.01303	.20605	32.767	1.2726	47.791
#3	.00244	199.49	.04957	.01311	.20481	32.747	1.2726	48.230
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05580	-.00295	606.60	.02412	.67636	44.604	.01000	.66831
Stddev	.00040	.00047	2.95	.00027	.00402	.442	.00029	.01571
%RSD	.71701	15.782	.48576	1.1358	.59454	.99200	2.9027	2.3512
#1	.05590	-.00321	609.50	.02387	.67965	44.153	.01029	.65557
#2	.05615	-.00242	606.70	.02408	.67756	45.038	.00999	.68587
#3	.05537	-.00323	603.61	.02441	.67188	44.620	.00971	.66350
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 46.593	F 32.701	.01239	.43511	.19834	.5527	1.9860	7.7105
Stddev	.211	.438	.00021	.00319	.00248	.0010	.0159	.1767
%RSD	.45368	1.3400	1.7179	.73357	1.2517	.1759	.80136	2.2922
#1	46.726	33.197	.01235	.43305	.19595	.5538	2.0022	7.7467
#2	46.704	32.367	.01262	.43350	.19817	.5523	1.9856	7.8663
#3	46.349	32.539	.01220	.43879	.20090	.5519	1.9703	7.5184

Sample Name: K2951-15 Acquired: 5/21/2019 18:55:57 Type: Unk
Method: P4-ICP2(v3136) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-14 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	34.095
Stddev	1.501
%RSD	4.4015

#1	34.872
#2	35.049
#3	32.366

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3569.3	45259.	4523.8	50.925	3313.3
Stddev	27.9	143.	63.0	1.682	24.1
%RSD	.78129	.31511	1.3930	3.3027	.72843

#1	3547.3	45157.	4451.0	49.396	3292.9
#2	3560.0	45198.	4559.0	52.727	3307.0
#3	3600.7	45422.	4561.3	50.652	3339.9

Sample Name: CCV07 Acquired: 5/21/2019 19:00:21 Type: Unk
Method: P4-ICP2(v3136) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14996 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9874	5.1236	4.9426	4.9603	4.9786	9.4220	9.7165	.25252
Stddev	.0060	.0075	.0117	.0035	.0039	.0111	.0452	.00046
%RSD	.12028	.14723	.23573	.06999	.07755	.11817	.46495	.18118
#1	4.9887	5.1320	4.9545	4.9633	4.9742	9.4156	9.6938	.25255
#2	4.9926	5.1212	4.9313	4.9612	4.9811	9.4156	9.7685	.25297
#3	4.9809	5.1175	4.9419	4.9565	4.9807	9.4349	9.6871	.25205
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4618	24.378	.98686	2.4813	1.2317	4.9387	2.5015	23.897
Stddev	.0067	.069	.00250	.0075	.0010	.0023	.0011	.199
%RSD	.27419	.28154	.25288	.30025	.07910	.04665	.04519	.83406
#1	2.4696	24.313	.98497	2.4891	1.2308	4.9367	2.5025	23.681
#2	2.4576	24.450	.98593	2.4742	1.2316	4.9381	2.5003	24.075
#3	2.4582	24.371	.98969	2.4806	1.2328	4.9412	2.5018	23.934
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4542	1.2218	23.906	2.4625	2.4430	24.331	4.9286	4.8393
Stddev	.0054	.0015	.100	.0026	.0046	.140	.0033	.0196
%RSD	.22106	.12069	.41705	.10702	.18632	.57491	.06779	.40483
#1	2.4604	1.2217	23.855	2.4651	2.4483	24.262	4.9279	4.8619
#2	2.4502	1.2233	24.021	2.4624	2.4403	24.492	4.9323	4.8283
#3	2.4521	1.2203	23.843	2.4599	2.4405	24.238	4.9257	4.8276
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9370	4.8385	4.9129	4.8433	4.6830	5.043	4.8931	F 4.4740
Stddev	.0151	.0116	.0010	.0059	.0095	.010	.0170	.4581
%RSD	.30649	.24038	.01981	.12113	.20386	.1962	.34826	10.239
#1	4.9540	4.8257	4.9136	4.8370	4.6889	5.055	4.8890	5.0011
#2	4.9249	4.8415	4.9133	4.8487	4.6882	5.038	4.9119	4.2492
#3	4.9321	4.8484	4.9118	4.8441	4.6720	5.037	4.8785	4.1718

Sample Name: CCV07 Acquired: 5/21/2019 19:00:21 Type: Unk
Method: P4-ICP2(v3136) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14996 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	4.7482
Stddev	2.5669
%RSD	54.061

#1	3.0900
#2	7.7050
#3	3.4497

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3882.9	49588.	4662.3	51.419	3740.9
Stddev	2.7	125.	9.8	1.598	9.0
%RSD	.07030	.25207	.21102	3.1084	.24016

#1	3883.5	49549.	4657.1	53.021	3731.9
#2	3885.3	49488.	4656.1	49.825	3749.8
#3	3879.9	49728.	4673.6	51.410	3740.9

Sample Name: CCB07 Acquired: 5/21/2019 19:04:19 Type: Unk
Method: P4-ICP2(v3136) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14996 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	.00127	.00037	-.00005	.00108	-.00154	.00041	.00004
Stddev	.00243	.00119	.00068	.00153	.00100	.01181	.00007	.00003
%RSD	1860.0	93.066	184.01	2963.7	93.251	768.82	17.044	81.313
#1	-.00090	.00263	.00112	-.00150	.00212	-.00766	.00033	.00006
#2	.00259	.00077	.00017	-.00020	.00100	-.00903	.00045	.00004
#3	-.00208	.00042	-.00019	.00155	.00011	.01208	.00045	.00000
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.01760	-.00036	-.00014	-.00088	-.00063	-.00025	-.02733
Stddev	.00005	.01395	.00046	.00010	.00008	.00042	.00002	.03312
%RSD	225.58	79.245	126.31	72.625	8.8916	66.054	9.5494	121.22
#1	.00007	-.02538	-.00030	-.00003	-.00080	-.00029	-.00026	.00847
#2	.00003	-.00150	-.00085	-.00018	-.00096	-.00051	-.00027	-.03356
#3	-.00003	-.02594	.00006	-.00022	-.00087	-.00110	-.00022	-.05689
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	-.00019	.08438	-.00003	-.00035	.00916	.00071	-.00441
Stddev	.00025	.00050	.00135	.00032	.00001	.02593	.00040	.01374
%RSD	509.07	262.88	1.6037	987.97	3.0229	283.17	55.764	311.37
#1	.00016	-.00077	.08555	-.00040	-.00034	.03773	.00088	-.01916
#2	-.00033	.00009	.08471	.00013	-.00035	-.01287	.00099	.00801
#3	.00002	.00011	.08290	.00018	-.00036	.00261	.00026	-.00208
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00183	-.00276	-.00336	.00187	-.00057	-.0011	.00007	F 1.3136
Stddev	.00371	.00062	.00045	.00033	.00209	.0011	.00008	.1008
%RSD	202.45	22.591	13.484	17.857	363.15	100.0	104.28	7.6765
#1	.00211	-.00319	-.00335	.00225	-.00186	-.0017	.00016	1.3517
#2	-.00201	-.00205	-.00382	.00164	-.00170	-.0017	.00005	1.1993
#3	.00539	-.00306	-.00292	.00172	.00183	.0002	.00001	1.3899

Sample Name: CCB07 Acquired: 5/21/2019 19:04:19 Type: Unk
Method: P4-ICP2(v3136) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14996 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.4181
Stddev	3.2281
%RSD	133.50

#1	-1.2359
#2	3.6070
#3	4.8831

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4031.3	51531.	4718.2	53.118	4191.0
Stddev	10.8	196.	6.6	1.315	3.0
%RSD	.26776	.38125	.14034	2.4756	.07097

#1	4019.0	51305.	4714.9	52.466	4188.4
#2	4039.1	51658.	4725.8	54.632	4190.4
#3	4035.8	51629.	4713.9	52.257	4194.3

Sample Name: K2951-15DUP Acquired: 5/21/2019 19:08:48 Type: Unk
Method: P4-ICP2(v3136) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-14DUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03940	-.00053	.38152	.00272	.03219	7.7579	4.6934	.00134
Stddev	.00474	.00115	.00058	.00129	.00178	.0333	.0223	.00010
%RSD	12.039	214.64	.15315	47.393	5.5153	.42993	.47455	7.5382
#1	.04478	.00017	.38134	.00414	.03318	7.7459	4.7189	.00145
#2	.03584	-.00185	.38217	.00162	.03325	7.7321	4.6782	.00127
#3	.03757	.00008	.38104	.00240	.03014	7.7955	4.6829	.00128
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00248	200.40	.04958	.01283	.20681	32.835	1.2759	47.758
Stddev	.00010	.58	.00050	.00028	.00115	.065	.0035	.211
%RSD	4.1985	.28699	1.0136	2.1709	.55585	.19670	.27622	.44091
#1	.00237	200.19	.05008	.01315	.20795	32.902	1.2799	47.515
#2	.00258	201.05	.04908	.01272	.20683	32.773	1.2732	47.871
#3	.00250	199.95	.04957	.01263	.20565	32.830	1.2746	47.887
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05529	-.00310	633.45	.02357	.67710	45.132	.01024	.67151
Stddev	.00020	.00059	.27	.00039	.00035	.044	.00012	.02319
%RSD	.35522	19.002	.04296	1.6742	.05111	.09842	1.1999	3.4540
#1	.05551	-.00334	633.50	.02316	.67715	45.174	.01024	.67747
#2	.05512	-.00243	633.70	.02360	.67742	45.086	.01037	.64592
#3	.05525	-.00352	633.16	.02395	.67673	45.138	.01012	.69115
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 46.404	F 32.445	.01381	.43786	.19744	.5537	1.9967	7.0347
Stddev	.050	.158	.00024	.00428	.00135	.0016	.0073	.1514
%RSD	.10815	.48570	1.7400	.97646	.68249	.2813	.36398	2.1528
#1	46.371	32.384	.01368	.43369	.19670	.5555	1.9998	7.2079
#2	46.461	32.624	.01367	.43766	.19662	.5526	2.0019	6.9273
#3	46.379	32.327	.01409	.44223	.19899	.5530	1.9884	6.9688

Sample Name: K2951-15DUP Acquired: 5/21/2019 19:08:48 Type: Unk
 Method: P4-ICP2(v3136) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-14DUP Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	35.506
Stddev	4.027
%RSD	11.341

#1	33.667
#2	32.727
#3	40.123

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3560.2	44662.	4513.0	49.567	3305.5
Stddev	19.2	77.	22.9	.841	14.0
%RSD	.54026	.17265	.50734	1.6961	.42305

#1	3541.2	44585.	4521.1	48.987	3292.2
#2	3559.6	44661.	4487.2	49.183	3304.1
#3	3579.7	44739.	4530.8	50.531	3320.1

Sample Name: K2951-15LX5 Acquired: 5/21/2019 19:13:14 Type: Unk
Method: P4-ICP2(v3136) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA8234 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00800	.00150	.07616	.00085	.00571	1.4761	.86822	.00031
Stddev	.00408	.00103	.00046	.00063	.00112	.0054	.00542	.00013
%RSD	50.961	68.551	.60375	74.243	19.592	.36611	.62421	40.715

#1	.01209	.00231	.07620	.00096	.00662	1.4816	.86592	.00036
#2	.00394	.00034	.07659	.00017	.00607	1.4709	.87441	.00017
#3	.00797	.00185	.07567	.00142	.00446	1.4757	.86432	.00042

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00034	40.974	.00980	.00218	.04293	6.7754	.25667	9.1348
Stddev	.00002	.282	.00040	.00010	.00059	.0127	.00059	.1501
%RSD	6.1566	.68886	4.0616	4.3992	1.3709	.18699	.23130	1.6433

#1	.00034	41.098	.00992	.00211	.04283	6.7864	.25697	9.0414
#2	.00036	41.173	.01012	.00215	.04356	6.7616	.25598	9.0550
#3	.00032	40.651	.00935	.00229	.04240	6.7783	.25705	9.3079

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01063	-.00090	120.65	.00431	.12746	8.4473	.00198	.11732
Stddev	.00053	.00037	.42	.00026	.00028	.0273	.00023	.02200
%RSD	4.9851	40.774	.34845	6.1171	.22235	.32333	11.648	18.755

#1	.01002	-.00048	120.69	.00461	.12746	8.4173	.00172	.12950
#2	.01099	-.00103	121.05	.00423	.12774	8.4708	.00216	.13054
#3	.01088	-.00117	120.21	.00410	.12718	8.4536	.00206	.09192

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.6452	6.8733	-.00075	.08782	.03847	.1014	.39862	2.4931
Stddev	.0267	.0388	.00008	.00045	.00063	.0009	.00398	.2036
%RSD	.30909	.56408	11.092	.50983	1.6326	.8853	.99825	8.1669

#1	8.6196	6.9157	-.00074	.08830	.03907	.1018	.40160	2.6556
#2	8.6729	6.8646	-.00084	.08741	.03852	.1020	.40016	2.5590
#3	8.6431	6.8396	-.00068	.08777	.03781	.1004	.39410	2.2647

Sample Name: K2951-15LX5 Acquired: 5/21/2019 19:13:14 Type: Unk
Method: P4-ICP2(v3136) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA8234 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	17.615
Stddev	3.211
%RSD	18.231

#1	16.319
#2	15.254
#3	21.272

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3856.5	48638.	4622.6	53.915	3809.7
Stddev	25.8	27.	41.5	.970	7.2
%RSD	.66832	.05597	.89861	1.7989	.18958

#1	3844.1	48609.	4579.6	53.658	3801.6
#2	3839.2	48642.	4625.6	53.099	3812.1
#3	3886.1	48663.	4662.5	54.987	3815.4

Sample Name: K2951-15MS Acquired: 5/21/2019 19:17:36 Type: Unk
Method: P4-ICP2(v3136) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-14MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.80667	1.8328	1.3032	1.9026	.78751	11.490	4.8163	.20440
Stddev	.00391	.0063	.0013	.0104	.00399	.027	.0104	.00027
%RSD	.48455	.34183	.09911	.54420	.50609	.23558	.21656	.13381
#1	.80932	1.8301	1.3045	1.9100	.79163	11.507	4.8099	.20428
#2	.80852	1.8284	1.3032	1.9071	.78724	11.459	4.8284	.20422
#3	.80218	1.8400	1.3019	1.8908	.78367	11.505	4.8108	.20472
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19191	204.74	.43485	.20797	.53898	34.739	1.4608	49.100
Stddev	.00052	.21	.00082	.00085	.00178	.034	.0011	.167
%RSD	.26881	.10072	.18895	.40804	.33102	.09922	.07703	.34009
#1	.19237	204.74	.43490	.20892	.53992	34.777	1.4621	49.045
#2	.19202	204.94	.43564	.20730	.54010	34.729	1.4601	49.287
#3	.19135	204.52	.43400	.20768	.53692	34.710	1.4602	48.967
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.53113	.06968	628.87	.32043	.84443	55.083	.38942	.97697
Stddev	.00067	.00074	1.48	.00130	.00090	.240	.00123	.01637
%RSD	.12562	1.0568	.23594	.40556	.10654	.43571	.31702	1.6754
#1	.53187	.07032	627.81	.32040	.84423	54.839	.39072	.98539
#2	.53058	.06887	628.24	.32175	.84541	55.319	.38928	.98741
#3	.53094	.06984	630.57	.31915	.84364	55.091	.38827	.95810
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 46.527	F 37.935	.68977	.67142	.39276	6.721	2.2095	6.8810
Stddev	.070	.114	.00163	.01264	.00047	.025	.0023	.2678
%RSD	.15004	.30085	.23639	1.8826	.11864	.3794	.10399	3.8925
#1	46.574	38.066	.69162	.68503	.39226	6.744	2.2069	7.0523
#2	46.561	37.861	.68853	.66005	.39286	6.725	2.2114	6.5723
#3	46.447	37.877	.68917	.66919	.39318	6.693	2.2101	7.0183

Sample Name: K2951-15MS Acquired: 5/21/2019 19:17:36 Type: Unk
Method: P4-ICP2(v3136) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-14MS Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	32.878
Stddev	1.682
%RSD	5.1168

#1	30.949
#2	33.649
#3	34.037

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3559.7	44981.	4424.5	48.298	3298.9
Stddev	10.3	137.	16.0	.194	5.3
%RSD	.29033	.30519	.36144	.40109	.15934

#1	3547.8	44849.	4406.0	48.119	3293.0
#2	3564.5	44970.	4433.7	48.504	3302.9
#3	3566.8	45123.	4433.7	48.272	3301.0

Sample Name: K2951-15MSD Acquired: 5/21/2019 19:21:48 Type: Unk
Method: P4-ICP2(v3136) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-14MSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.81086	1.8444	1.3018	1.9007	.78672	11.213	4.7980	.20481
Stddev	.00163	.0033	.0020	.0025	.00372	.055	.0098	.00069
%RSD	.20088	.17944	.15333	.13013	.47273	.48838	.20345	.33538
#1	.81266	1.8481	1.3041	1.9008	.78280	11.154	4.7912	.20491
#2	.80948	1.8432	1.3004	1.9032	.79020	11.225	4.8092	.20408
#3	.81045	1.8418	1.3008	1.8982	.78717	11.261	4.7937	.20544
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19203	204.12	.43130	.20847	.53679	34.663	1.4635	49.304
Stddev	.00013	.37	.00112	.00024	.00069	.020	.0015	.338
%RSD	.06572	.18032	.26012	.11343	.12889	.05707	.10252	.68591
#1	.19208	203.92	.43040	.20844	.53676	34.659	1.4624	48.914
#2	.19188	204.55	.43095	.20872	.53750	34.646	1.4629	49.500
#3	.19211	203.90	.43256	.20825	.53611	34.685	1.4652	49.499
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.53163	.06963	616.71	.32018	.84415	54.890	.38800	.94867
Stddev	.00158	.00072	1.26	.00003	.00042	.122	.00083	.01494
%RSD	.29764	1.0292	.20492	.01059	.04945	.22260	.21302	1.5746
#1	.53288	.06980	615.62	.32016	.84368	54.845	.38893	.94378
#2	.53216	.07025	616.42	.32015	.84447	55.029	.38772	.96544
#3	.52985	.06884	618.10	.32022	.84430	54.797	.38734	.93679
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 46.552	F 37.067	.68658	.66165	.38923	6.738	2.1912	7.8793
Stddev	.016	.057	.00255	.00584	.00139	.005	.0052	.2430
%RSD	.03358	.15333	.37212	.88191	.35800	.0802	.23725	3.0845
#1	46.567	37.127	.68826	.65517	.38860	6.743	2.1944	7.6532
#2	46.536	37.061	.68364	.66328	.38825	6.738	2.1940	7.8484
#3	46.553	37.014	.68784	.66650	.39082	6.732	2.1852	8.1363

Sample Name: K2951-15MSD Acquired: 5/21/2019 19:21:48 Type: Unk
 Method: P4-ICP2(v3136) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-14MSD Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	31.020
Stddev	2.834
%RSD	9.1366

#1	30.944
#2	33.891
#3	28.224

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3573.1	45541.	4491.8	49.356	3309.7
Stddev	11.9	79.	12.3	1.414	12.0
%RSD	.33199	.17362	.27321	2.8649	.36214

#1	3563.0	45451.	4477.8	47.813	3297.0
#2	3570.1	45599.	4497.3	50.589	3311.3
#3	3586.2	45572.	4500.4	49.666	3320.8

Sample Name: K2951-15A Acquired: 5/21/2019 19:26:00 Type: Unk
Method: P4-ICP2(v3136) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB8234 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.81434	1.8431	1.3055	1.9135	.79190	11.278	4.8146	.20476
Stddev	.00743	.0066	.0034	.0059	.00474	.046	.0091	.00055
%RSD	.91230	.35969	.25679	.30680	.59911	.41088	.18901	.27009
#1	.81690	1.8505	1.3076	1.9127	.79168	11.228	4.8136	.20433
#2	.82016	1.8410	1.3016	1.9197	.79675	11.285	4.8242	.20538
#3	.80597	1.8377	1.3072	1.9080	.78727	11.320	4.8061	.20457
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19229	201.93	.42739	.20869	.54690	34.656	1.4703	49.511
Stddev	.00022	.68	.00152	.00072	.00180	.048	.0018	.364
%RSD	.11675	.33570	.35487	.34397	.32964	.13818	.12260	.73467
#1	.19253	201.97	.42600	.20934	.54726	34.617	1.4710	49.279
#2	.19227	202.59	.42901	.20792	.54849	34.709	1.4716	49.325
#3	.19208	201.23	.42717	.20881	.54494	34.641	1.4682	49.931
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.52932	.06908	613.65	.31805	.84461	54.927	.38650	.97045
Stddev	.00258	.00058	6.07	.00097	.00161	.172	.00049	.01286
%RSD	.48684	.84345	.98972	.30539	.19104	.31350	.12634	1.3253
#1	.53204	.06859	614.82	.31828	.84645	54.774	.38685	.97886
#2	.52691	.06893	619.06	.31888	.84392	55.113	.38671	.97685
#3	.52901	.06972	607.08	.31698	.84345	54.892	.38594	.95564
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 46.911	F 36.318	.68815	.66529	.38181	6.759	2.1785	8.3758
Stddev	.140	.230	.00149	.00494	.00139	.018	.0133	.2520
%RSD	.29907	.63425	.21622	.74202	.36382	.2630	.60827	3.0081
#1	47.055	36.355	.68939	.66163	.38102	6.776	2.1799	8.6461
#2	46.775	36.529	.68650	.66332	.38101	6.762	2.1910	8.1475
#3	46.902	36.072	.68856	.67090	.38342	6.741	2.1646	8.3337

Sample Name: K2951-15A Acquired: 5/21/2019 19:26:00 Type: Unk
 Method: P4-ICP2(v3136) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB8234 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	31.640
Stddev	2.398
%RSD	7.5783

#1	33.439
#2	32.562
#3	28.918

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3592.3	45932.	4584.5	50.268	3321.8
Stddev	14.6	118.	27.8	.461	9.1
%RSD	.40715	.25762	.60629	.91646	.27327

#1	3594.4	45861.	4573.3	49.882	3311.3
#2	3576.7	45867.	4564.0	50.778	3326.7
#3	3605.8	46068.	4616.1	50.144	3327.4

Sample Name: K2954-06 Acquired: 5/21/2019 19:30:11 Type: Unk
Method: P4-ICP2(v3136) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 20190407-FIE Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00138	.00184	-.00154	-.00030	-.00007	-.00478	.00057	.00010
Stddev	.00283	.00074	.00105	.00091	.00089	.01159	.00076	.00005
%RSD	204.82	40.188	68.088	300.35	1195.8	242.26	132.52	48.394

#1	-.00049	.00145	-.00141	.00072	-.00017	.00664	.00145	.00015
#2	.00463	.00270	-.00265	-.00104	.00086	-.01652	.00011	.00007
#3	-.00001	.00139	-.00056	-.00059	-.00091	-.00447	.00016	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.00638	-.00038	-.00032	-.00119	.02291	-.00038	-.07178
Stddev	.00003	.00758	.00022	.00014	.00014	.00198	.00005	.02246
%RSD	149.81	118.70	56.676	42.439	11.561	8.6610	14.275	31.291

#1	.00002	.00230	-.00027	-.00048	-.00103	.02198	-.00044	-.05183
#2	-.00001	-.00980	-.00024	-.00024	-.00128	.02156	-.00035	-.06740
#3	.00005	-.01165	-.00063	-.00025	-.00127	.02518	-.00035	-.09611

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00068	-.00037	.18012	-.00026	.00546	-.00299	-.00003	-.01557
Stddev	.00020	.00027	.01519	.00042	.00011	.00201	.00030	.00433
%RSD	29.496	73.922	8.4324	164.76	1.9659	67.440	1015.2	27.778

#1	.00062	-.00064	.19759	-.00064	.00555	-.00220	-.00025	-.02056
#2	.00052	-.00036	.17265	-.00032	.00550	-.00527	.00032	-.01302
#3	.00090	-.00010	.17011	.00020	.00534	-.00148	-.00016	-.01312

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00302	-.00679	-.00583	.00128	-.00435	.0002	.00000	.10097
Stddev	.00130	.00293	.00082	.00079	.00197	.0013	.00005	.48208
%RSD	43.002	43.215	14.014	61.701	45.236	731.4	4160.8	477.45

#1	.00436	-.00340	-.00519	.00099	-.00655	-.0012	.00006	-.42609
#2	.00293	-.00845	-.00676	.00217	-.00275	.0012	-.00004	.20938
#3	.00177	-.00852	-.00556	.00068	-.00376	.0005	-.00002	.51962

Sample Name: K2954-06 Acquired: 5/21/2019 19:30:11 Type: Unk
 Method: P4-ICP2(v3136) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 20190407-FIE Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	7.5217
Stddev	2.8608
%RSD	38.033

#1	8.1442
#2	4.4010
#3	10.020

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4261.6	54632.	4951.0	58.185	4499.0
Stddev	4.0	271.	51.3	2.109	6.9
%RSD	.09463	.49637	1.0358	3.6242	.15347

#1	4258.7	54500.	4892.0	55.861	4496.6
#2	4259.9	54943.	4984.8	58.716	4493.7
#3	4266.2	54452.	4976.1	59.977	4506.8

Sample Name: K2956-01 Acquired: 5/21/2019 19:34:39 Type: Unk
Method: P4-ICP2(v3136) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FM5210 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00680	-.24368	.35777	-.21310	.03175	827.35	2.5656	.04218
Stddev	.00306	.00914	.00582	.00109	.00080	6.54	.0115	.00038
%RSD	45.036	3.7515	1.6279	.51286	2.5083	.79028	.44719	.89816
#1	.00386	-.25371	.35731	-.21427	.03087	827.64	2.5667	.04220
#2	.00657	-.23582	.36381	-.21294	.03243	833.74	2.5765	.04256
#3	.00997	-.24151	.35219	-.21210	.03194	820.67	2.5536	.04180
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23702	526.79	.37694	1.4581	1.7848	328.26	10.400	278.09
Stddev	.00118	7.13	.00113	.0012	.0029	1.96	.004	1.34
%RSD	.49765	1.3526	.29955	.07859	.16309	.59674	.04243	.48144
#1	.23836	520.82	.37687	1.4569	1.7877	328.99	10.404	277.42
#2	.23614	524.87	.37810	1.4584	1.7849	329.74	10.395	279.63
#3	.23655	534.67	.37585	1.4591	1.7819	326.04	10.400	277.22
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.7124	-.15526	234.13	2.1790	4.1735	40.844	.01104	.18807
Stddev	.0025	.00201	2.69	.0031	.0056	.144	.00021	.01317
%RSD	.14571	1.2968	1.1497	.14244	.13503	.35308	1.9222	7.0041
#1	1.7096	-.15306	234.33	2.1765	4.1797	40.819	.01095	.19680
#2	1.7131	-.15574	236.72	2.1825	4.1687	41.000	.01128	.19449
#3	1.7145	-.15700	231.35	2.1780	4.1722	40.715	.01088	.17292
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 75.738	F 41.970	.11031	F 13.369	.25616	F 54.26	2.0745	<.00000
Stddev	.046	.434	.00304	.108	.00399	.08	.0273	.46374
%RSD	.06087	1.0344	2.7593	.81007	1.5565	.1531	1.3172	.83665
#1	75.695	41.719	.11339	13.293	.25232	54.36	2.0575	-55.365
#2	75.731	41.720	.11025	13.320	.25586	54.19	2.0600	-55.920
#3	75.787	42.471	.10730	13.493	.26028	54.24	2.1060	-54.999

Sample Name: K2956-01 Acquired: 5/21/2019 19:34:39 Type: Unk
Method: P4-ICP2(v3136) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FM5210 Custom ID2: Custom ID3:
Comment:

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

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

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7086.6	94067.	10600.	45.563	2127.2
Stddev	10.2	408.	70.	.760	1.5
%RSD	.14423	.43323	.65942	1.6670	.06953

#1	7081.6	93987.	10633.	45.473	2128.4
#2	7079.9	93705.	10647.	44.853	2125.6
#3	7098.4	94508.	10520.	46.364	2127.8

Sample Name: K2964-01 Acquired: 5/21/2019 19:39:35 Type: Unk
Method: P4-ICP2(v3136) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00187	.00168	.33293	.00586	.08485	19.537	4.2015
Stddev	.00497	.00103	.00177	.00329	.00153	.025	.0202
%RSD	265.59	61.030	.53162	56.209	1.8060	.12892	.48097

#1	.00643	.00098	.33230	.00592	.08374	19.555	4.2137
#2	.00262	.00121	.33492	.00253	.08660	19.548	4.2126
#3	-.00343	.00286	.33155	.00912	.08421	19.508	4.1782

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01119	.01890	45.959	.15581	.04090	1.3130	287.04
Stddev	.00023	.00020	.283	.00123	.00021	.0042	1.85
%RSD	2.0847	1.0605	.61609	.78930	.50255	.31649	.64579

#1	.01106	.01913	46.233	.15475	.04067	1.3168	285.03
#2	.01146	.01874	45.977	.15716	.04107	1.3137	288.68
#3	.01106	.01884	45.667	.15553	.04096	1.3086	287.43

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.5246	14.103	.24323	-.02200	486.55	.04865	5.6016
Stddev	.0044	.115	.00058	.00072	2.25	.00038	.0048
%RSD	.29038	.81193	.23959	3.2919	.46176	.77470	.08505

#1	1.5196	13.982	.24266	-.02284	487.79	.04842	5.5997
#2	1.5279	14.209	.24322	-.02154	483.95	.04909	5.6071
#3	1.5264	14.118	.24382	-.02163	487.90	.04845	5.5982

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	73.388	.35087	F 23.757	F 39.059	F 31.361	.09251	.88996
Stddev	.215	.00037	.198	.076	.187	.00136	.00321
%RSD	.29254	.10660	.83183	.19467	.59613	1.4714	.36101

#1	73.581	.35106	23.589	39.142	31.567	.09124	.88823
#2	73.427	.35112	23.975	38.994	31.317	.09394	.89366
#3	73.157	.35044	23.707	39.040	31.201	.09233	.88798

Sample Name: K2964-01 Acquired: 5/21/2019 19:39:35 Type: Unk
Method: P4-ICP2(v3136) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-1 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.07692	F 20.87	.05886	3.1139	F<.00000
Stddev	.00228	.05	.00439	.0619	1.0394
%RSD	2.9647	.2551	7.4523	1.9873	1.3345
#1	.07950	20.91	.06368	3.1556	-76.827
#2	.07608	20.89	.05781	3.1433	-77.924
#3	.07518	20.81	.05510	3.0428	-78.905
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3625.0	46428.	4733.0	52.922	3323.4
Stddev	23.9	139.	26.5	.833	13.8
%RSD	.66045	.30045	.55906	1.5740	.41428
#1	3600.1	46386.	4711.2	52.167	3308.9
#2	3627.2	46314.	4725.4	53.816	3324.7
#3	3647.8	46583.	4762.4	52.785	3336.4

Sample Name: K2964-02 Acquired: 5/21/2019 19:44:01 Type: Unk
Method: P4-ICP2(v3136) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00056	.00350	.34859	.00396	.09241	19.570	1.4005
Stddev	.00188	.00152	.00098	.00288	.00352	.127	.0043
%RSD	335.55	43.505	.28003	72.714	3.8039	.64842	.31042

#1	.00269	.00522	.34842	.00172	.09568	19.485	1.3971
#2	-.00013	.00290	.34771	.00721	.08869	19.716	1.4054
#3	-.00088	.00236	.34964	.00296	.09288	19.509	1.3990

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01311	.02514	53.211	.16010	.03953	1.4056	315.79
Stddev	.00035	.00035	.246	.00012	.00021	.0011	2.10
%RSD	2.7050	1.3738	.46189	.07313	.53767	.08021	.66457

#1	.01337	.02499	52.952	.16001	.03929	1.4056	317.73
#2	.01324	.02490	53.242	.16005	.03967	1.4067	316.09
#3	.01270	.02554	53.440	.16023	.03964	1.4045	313.56

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.6697	13.910	.25745	-.02556	473.49	.04813	6.4336
Stddev	.0021	.086	.00130	.00069	1.86	.00020	.0098
%RSD	.12566	.61651	.50419	2.7058	.39274	.41789	.15150

#1	1.6683	13.954	.25655	-.02636	473.26	.04790	6.4293
#2	1.6721	13.964	.25687	-.02520	475.45	.04823	6.4268
#3	1.6686	13.811	.25894	-.02513	471.75	.04827	6.4448

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	71.337	.37829	F 23.237	F 34.505	F 31.286	.09396	.86651
Stddev	.119	.00157	.148	.024	.143	.00183	.00264
%RSD	.16739	.41459	.63494	.06935	.45712	1.9512	.30459

#1	71.199	.37764	23.375	34.532	31.291	.09382	.86946
#2	71.396	.38008	23.254	34.494	31.141	.09220	.86570
#3	71.415	.37715	23.081	34.488	31.427	.09586	.86437

Sample Name: K2964-02 Acquired: 5/21/2019 19:44:01 Type: Unk
 Method: P4-ICP2(v3136) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: COMP-2 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.07724	F 20.77	-.07244	1.0049	F<.00000
Stddev	.00176	.02	.00321	.3249	1.1232
%RSD	2.2721	.1106	4.4334	32.326	1.2962

#1	.07559	20.75	-.07545	.91515	-87.799
#2	.07705	20.76	-.07281	1.3652	-86.600
#3	.07908	20.79	-.06906	.73442	-85.554

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3660.3	46563.	4708.0	50.690	3350.1
Stddev	13.3	173.	15.2	.940	12.7
%RSD	.36369	.37063	.32345	1.8537	.37862

#1	3645.8	46395.	4699.8	51.472	3340.7
#2	3671.9	46555.	4725.6	50.952	3364.5
#3	3663.4	46740.	4698.6	49.648	3345.2

Sample Name: K2964-03 Acquired: 5/21/2019 19:48:27 Type: Unk

Method: P4-ICP2(v3136) Mode: CONC Corr. Factor: 1.000000

User: Bin He Custom ID1: COMP-3 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01342	.00412	-.02006	.01055	.00647	1.0813	.79073	.00505
Stddev	.00128	.00087	.00134	.00074	.00135	.0113	.00520	.00007
%RSD	9.5507	21.033	6.6919	7.0043	20.916	1.0443	.65772	1.4221

#1	-.01489	.00315	-.02006	.01002	.00546	1.0939	.78540	.00509
#2	-.01254	.00483	-.01871	.01024	.00801	1.0722	.79101	.00497
#3	-.01284	.00439	-.02140	.01139	.00593	1.0777	.79579	.00509

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00403	174.29	-.02282	.00010	.01826	167.46	6.1342	35.013
Stddev	.00016	.24	.00049	.00018	.00023	.88	.0398	.307
%RSD	3.8785	.13731	2.1372	177.39	1.2616	.52397	.64886	.87543

#1	-.00392	174.06	-.02231	.00006	.01851	167.65	6.1793	34.704
#2	-.00397	174.26	-.02328	.00031	.01807	166.50	6.1041	35.018
#3	-.00421	174.54	-.02288	-.00005	.01820	168.22	6.1191	35.317

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01033	-.01338	1242.4	-.01738	14.628	10.177	-.00430	.27198
Stddev	.00044	.00079	6.6	.00033	.039	.092	.00016	.00797
%RSD	4.2220	5.8813	.53096	1.9189	.26885	.90666	3.7510	2.9296

#1	-.01029	-.01255	1247.3	-.01740	14.671	10.080	-.00411	.28105
#2	-.01078	-.01411	1245.0	-.01770	14.595	10.186	-.00442	.26610
#3	-.00991	-.01349	1234.9	-.01703	14.616	10.264	-.00436	.26880

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.4711	2.4262	-.00101	.01118	.00940	.1479	.66971	6.4311
Stddev	.0209	.0223	.00085	.00074	.00202	.0020	.00059	.4486
%RSD	.32262	.91770	84.688	6.6551	21.528	1.355	.08804	6.9757

#1	6.4951	2.4388	-.00198	.01193	.00789	.1501	.67035	6.6588
#2	6.4571	2.4394	-.00066	.01117	.00862	.1462	.66962	5.9143
#3	6.4611	2.4005	-.00038	.01044	.01170	.1475	.66918	6.7202

Sample Name: K2964-03 Acquired: 5/21/2019 19:48:27 Type: Unk
Method: P4-ICP2(v3136) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-3 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 12.438
Stddev 3.532
%RSD 28.393

#1 13.212
#2 15.519
#3 8.5843

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3474.2	43723.	4493.9	49.500	3140.3
Stddev	11.8	148.	37.9	2.276	11.9
%RSD	.33932	.33818	.84238	4.5983	.37922

#1	3462.0	43569.	4453.5	46.992	3126.6
#2	3475.0	43736.	4499.5	50.073	3146.0
#3	3485.5	43863.	4528.6	51.435	3148.2

Sample Name: CCV08 Acquired: 5/21/2019 19:53:12 Type: Unk
 Method: P4-ICP2(v3136) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV14997 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8621	5.0313	4.8257	4.7965	4.8790	9.2812	9.3771	.24936
Stddev	.0090	.0087	.0045	.0107	.0072	.0785	.0664	.00081
%RSD	.18484	.17355	.09331	.22380	.14842	.84593	.70810	.32439
#1	4.8670	5.0374	4.8307	4.8089	4.8869	9.2049	9.3137	.24844
#2	4.8517	5.0351	4.8245	4.7912	4.8728	9.3617	9.4462	.24996
#3	4.8675	5.0213	4.8220	4.7896	4.8773	9.2769	9.3714	.24968
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4111	23.738	.96989	2.4392	1.2130	4.8598	2.4691	23.378
Stddev	.0045	.154	.00241	.0045	.0014	.0114	.0050	.175
%RSD	.18520	.64971	.24861	.18379	.11184	.23526	.20067	.74802
#1	2.4160	23.595	.96720	2.4435	1.2127	4.8475	2.4638	23.177
#2	2.4098	23.718	.97187	2.4396	1.2118	4.8700	2.4701	23.464
#3	2.4074	23.902	.97059	2.4346	1.2145	4.8620	2.4735	23.493
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3946	1.2064	22.948	2.4096	2.3753	23.425	4.8210	4.6921
Stddev	.0047	.0022	.150	.0040	.0042	.166	.0070	.0302
%RSD	.19448	.18404	.65507	.16572	.17472	.71038	.14590	.64477
#1	2.3994	1.2090	22.824	2.4057	2.3790	23.241	4.8284	4.6601
#2	2.3943	1.2051	23.115	2.4094	2.3761	23.565	4.8144	4.6960
#3	2.3901	1.2052	22.906	2.4136	2.3708	23.470	4.8201	4.7202
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7181	4.8744	4.7659	4.7487	4.5978	4.893	4.7536	F 3.7444
Stddev	.0122	.0366	.0167	.0243	.0070	.013	.0111	.2743
%RSD	.25775	.75038	.34991	.51116	.15180	.2726	.23406	7.3245
#1	4.7225	4.9063	4.7804	4.7339	4.6059	4.908	4.7526	3.4413
#2	4.7274	4.8345	4.7696	4.7354	4.5942	4.884	4.7429	3.8165
#3	4.7043	4.8823	4.7476	4.7767	4.5934	4.885	4.7651	3.9754

Sample Name: CCV08 Acquired: 5/21/2019 19:53:12 Type: Unk
 Method: P4-ICP2(v3136) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV14997 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 5.6663
Stddev	4.7411
%RSD	83.672

#1	3.4066
#2	2.4777
#3	11.114

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3898.9	49775.	4674.8	49.999	3777.2
Stddev	5.0	122.	31.6	2.174	3.5
%RSD	.12876	.24566	.67602	4.3485	.09313

#1	3904.5	49773.	4646.8	51.144	3779.7
#2	3897.5	49654.	4709.1	51.362	3773.2
#3	3894.7	49899.	4668.7	47.492	3778.9

Sample Name: CCB08 Acquired: 5/21/2019 19:57:10 Type: Unk
Method: P4-ICP2(v3136) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14997 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00042	.00117	.00021	.00015	.00085	-.01401	.00064	.00009
Stddev	.00038	.00072	.00035	.00171	.00103	.00474	.00060	.00008
%RSD	89.520	61.650	162.26	1157.3	120.77	33.839	94.914	83.448
#1	-.00083	.00201	.00014	-.00077	.00104	-.01903	.00066	.00002
#2	-.00007	.00076	-.00009	-.00091	-.00026	-.01337	.00002	.00008
#3	-.00038	.00075	.00059	.00211	.00178	-.00962	.00122	.00018
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.01356	-.00025	-.00024	-.00055	.00028	-.00021	-.08818
Stddev	.00006	.00220	.00025	.00008	.00025	.00025	.00007	.05316
%RSD	839.59	16.208	97.776	35.478	46.041	89.115	31.767	60.287
#1	.00007	-.01247	-.00029	-.00019	-.00064	.00042	-.00014	-.05304
#2	-.00003	-.01609	.00001	-.00033	-.00026	.00043	-.00027	-.06216
#3	-.00006	-.01212	-.00047	-.00018	-.00074	-.00001	-.00023	-.14934
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00014	.00007	.15354	-.00017	.00015	.01894	.00074	.00649
Stddev	.00035	.00034	.00702	.00011	.00015	.02091	.00014	.00681
%RSD	243.54	495.26	4.5700	67.035	95.593	110.44	19.245	104.97
#1	.00044	-.00026	.15000	-.00026	.00031	.04105	.00075	.01229
#2	.00023	.00041	.14899	-.00004	.00013	.01629	.00087	-.00101
#3	-.00024	.00006	.16162	-.00022	.00002	-.00052	.00059	.00819
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00139	.00525	-.00300	.00183	-.00087	-.0015	.00011	F 1.1551
Stddev	.00212	.00171	.00077	.00166	.00035	.0007	.00005	.4066
%RSD	152.76	32.607	25.787	90.838	39.549	46.22	46.200	35.196
#1	.00102	.00410	-.00384	.00183	-.00118	-.0017	.00009	.84010
#2	-.00052	.00721	-.00231	.00349	-.00050	-.0007	.00008	1.0112
#3	.00367	.00443	-.00285	.00017	-.00094	-.0020	.00017	1.6140

Sample Name: CCB08 Acquired: 5/21/2019 19:57:10 Type: Unk
Method: P4-ICP2(v3136) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14997 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 8.3667
Stddev 4.1091
%RSD 49.112

#1 4.2484
#2 12.467
#3 8.3852

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4070.2	52325.	4695.4	52.335	4240.4
Stddev	4.5	74.	40.2	.845	5.8
%RSD	.11092	.14061	.85635	1.6138	.13663

#1	4065.1	52273.	4737.5	53.098	4240.7
#2	4073.6	52292.	4691.2	51.427	4246.1
#3	4071.9	52409.	4657.4	52.480	4234.5