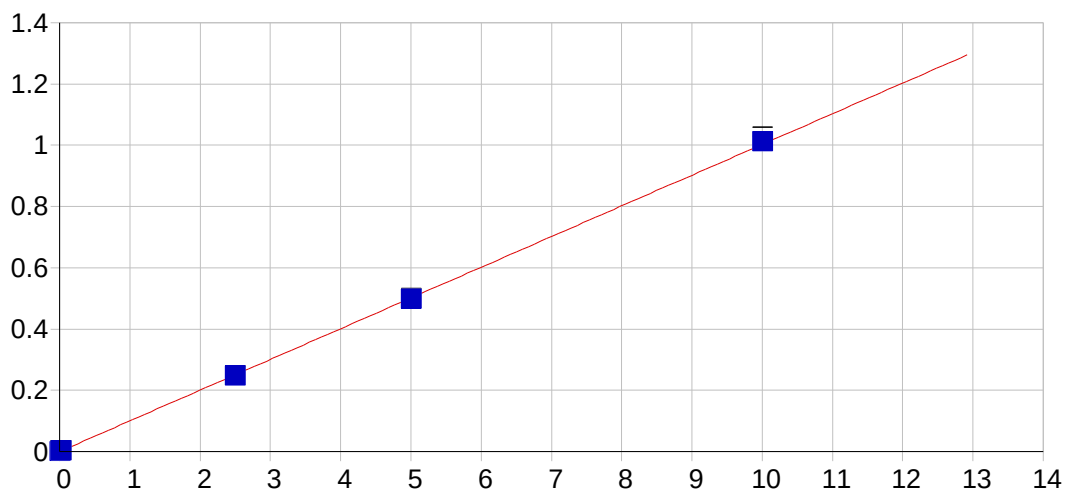


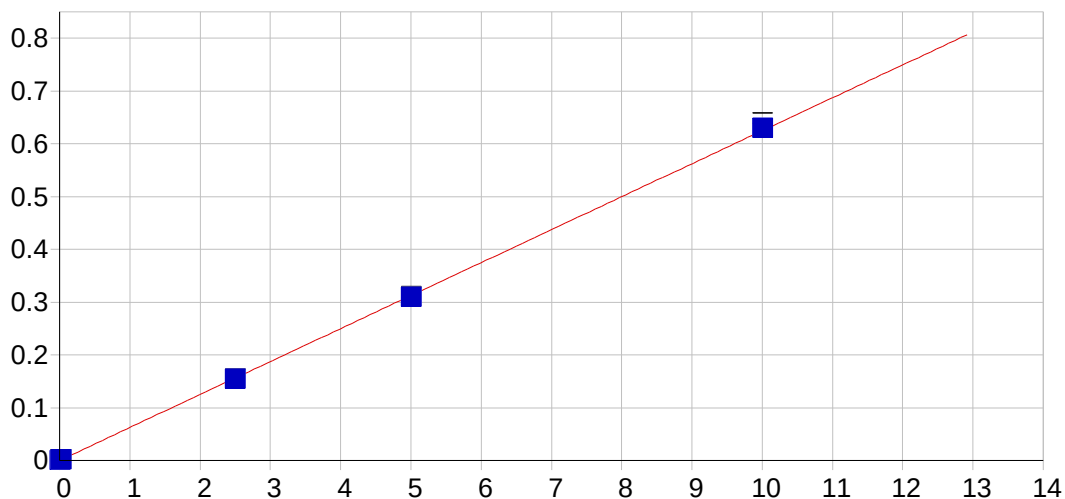


As 189.042 {478}

Date of Fit: 10/2/2018 14:01:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000038 Re-Slope: 1.000000
 A1 (Gain): 0.100254 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999936 Status: OK.
 Std Error of Est: 0.000027
 Predicted MDL: 0.003009
 Predicted MQL: 0.010029

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00004	.000	1
S1	.02000	.02174	.002	8.69	.00222	.000	1
S3	2.5000	2.4495	-.050	-2.02	.24559	.001	1
S4	5.0000	4.9615	-.039	-.770	.49741	.001	1
S5	10.000	10.087	.087	.873	1.0113	.016	1



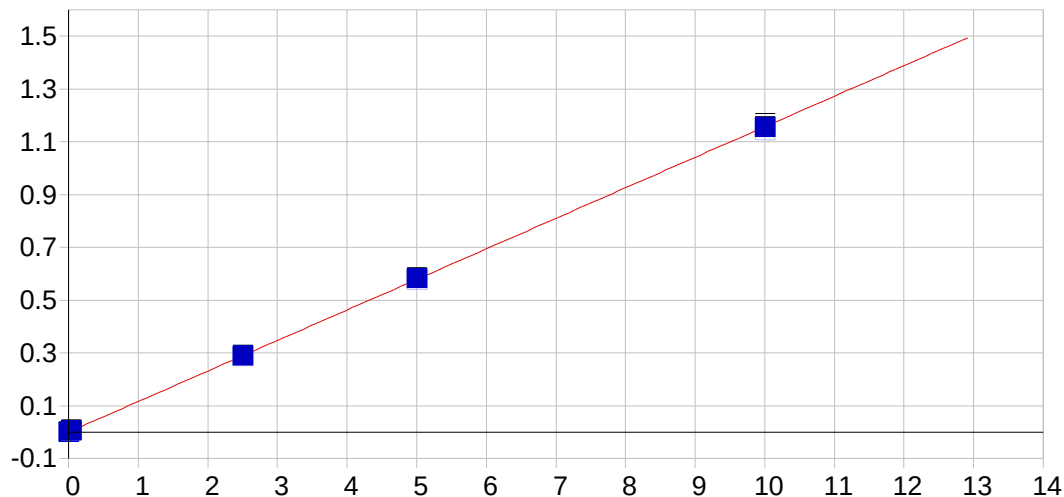
As 189.042 {479}

Date of Fit: 10/2/2018 14:01:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000105 Re-Slope: 1.000000

A1 (Gain): 0.062455 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999907 Status: OK.
 Std Error of Est: 0.000021
 Predicted MDL: 0.003064
 Predicted MQL: 0.010213

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00010	.000	1
S1	.02000	.02562	.006	28.1	.00171	.000	1
S3	2.5000	2.4574	-.043	-1.70	.15358	.000	1
S4	5.0000	4.9584	-.042	-.832	.30979	.001	1
S5	10.000	10.079	.079	.786	.62957	.010	1

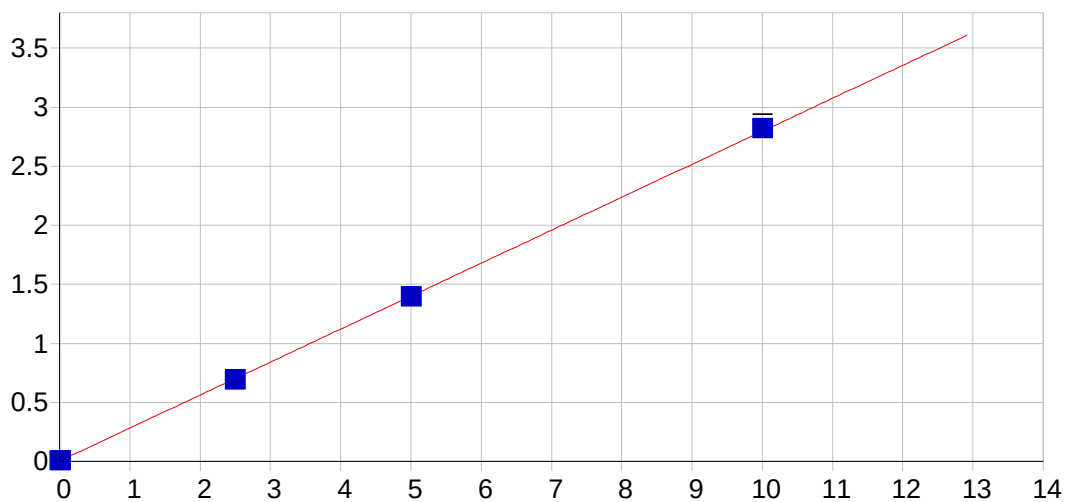


TI 190.856 {477}

Date of Fit: 10/2/2018 14:01:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000110 Re-Slope: 1.000000
 A1 (Gain): 0.115715 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999946 Status: OK.
 Std Error of Est: 0.000041
 Predicted MDL: 0.001629
 Predicted MQL: 0.005430

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00011	.000	1
S1	.04000	.04820	.008	20.5	.00535	.000	1
S3	2.5000	2.4933	-.007	-.267	.28544	.001	1
S4	5.0000	5.0211	.021	.423	.57498	.002	1
S5	10.000	9.9775	-.023	-.225	1.1426	.014	1

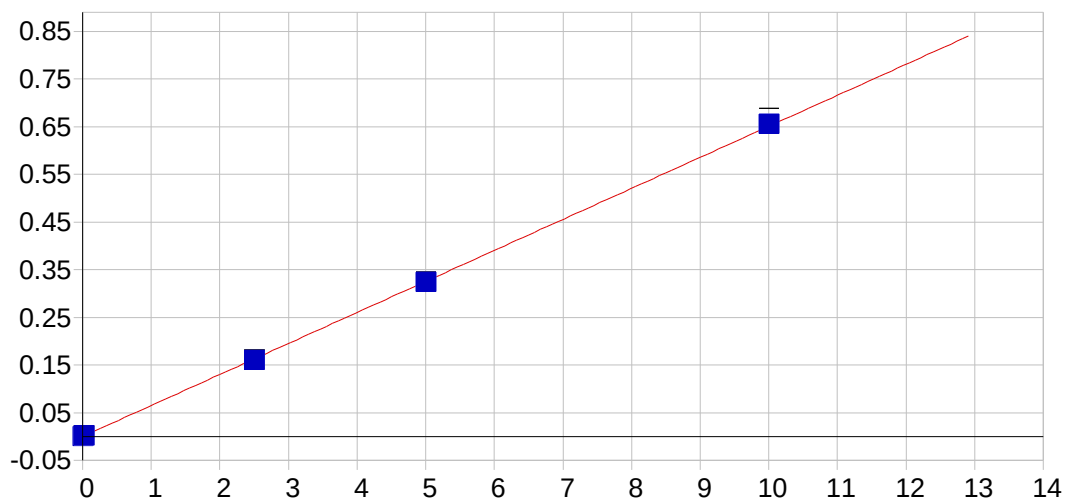


Pb 220.353 {453}

Date of Fit: 10/2/2018 14:01:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003376 Re-Slope: 1.000000
 A1 (Gain): 0.279232 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999951 Status: OK.
 Std Error of Est: 0.000052
 Predicted MDL: 0.001112
 Predicted MQL: 0.003708

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00338	.000	1
S1	.01200	.01220	.000	1.69	.00672	.000	1
S3	2.5000	2.4525	-.048	-1.90	.68729	.001	1
S4	5.0000	4.9689	-.031	-.623	1.3890	.001	1
S5	10.000	10.078	.078	.785	2.8140	.038	1



Se 196.090 {472}

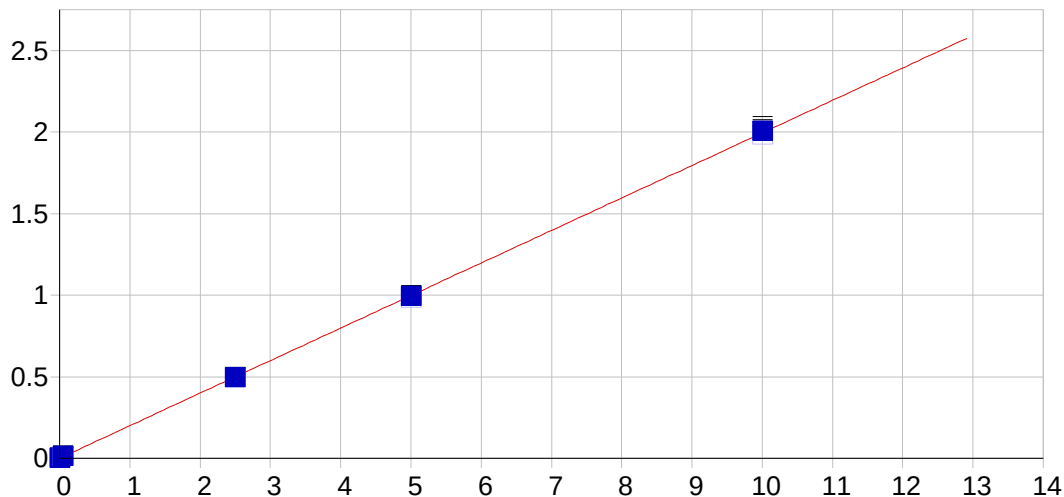
Date of Fit: 10/2/2018 14:01:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000079 Re-Slope: 1.000000
 A1 (Gain): 0.065064 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999953
 Std Error of Est: 0.000015
 Predicted MDL: 0.003834
 Predicted MQL: 0.012780

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00008	.000	1
S1	.02000	.01781	-.002	-10.9	.00124	.000	1
S3	2.5000	2.4597	-.040	-1.61	.16012	.001	1
S4	5.0000	4.9684	-.032	-.633	.32336	.002	1
S5	10.000	10.074	.074	.741	.65557	.011	1



Sb 206.833 {463}

Date of Fit: 10/2/2018 14:01:57

Type of Fit: Linear

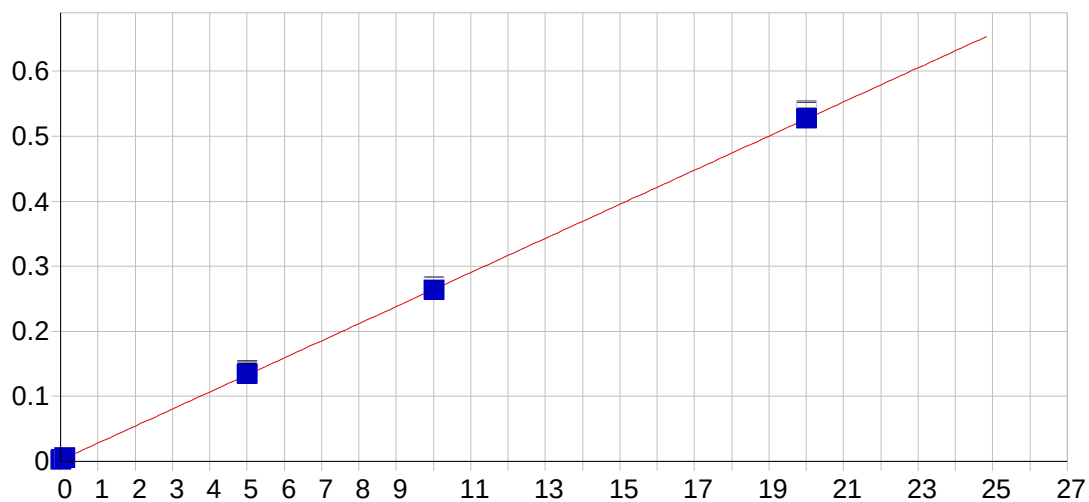
Weighting: 1/Conc

A0 (Offset): 0.000909
 A1 (Gain): 0.199363
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999974
 Std Error of Est: 0.000054
 Predicted MDL: 0.001796
 Predicted MQL: 0.005987

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	.00091	.000	1
S1	.05000	.05399	.004	7.99	.01142	.000	1
S3	2.5000	2.4749	-.025	-1.00	.48871	.001	1
S4	5.0000	4.9762	-.024	-.477	.98176	.003	1
S5	10.000	10.045	.045	.450	1.9811	.030	1

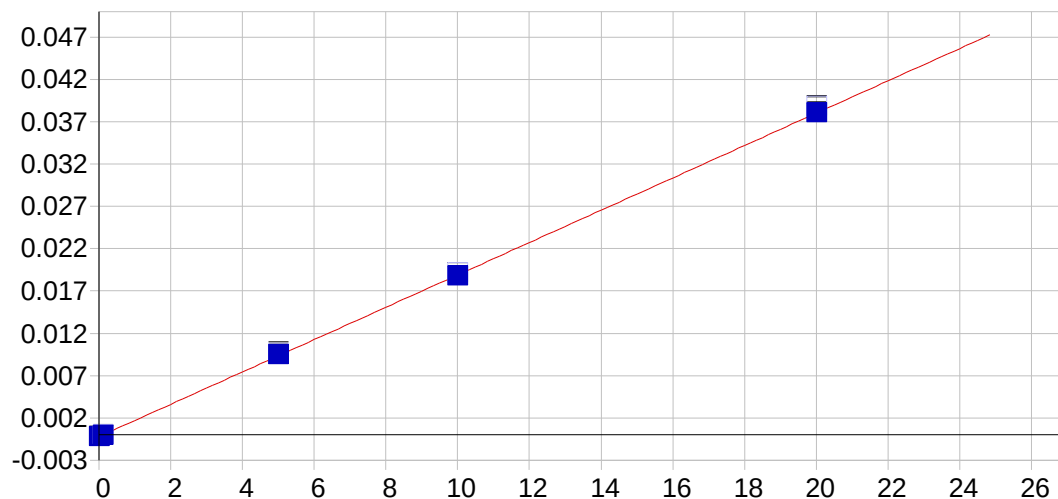


AI 308.215 {109}

Date of Fit: 10/2/2018 14:01:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001818 Re-Slope: 1.000000
 A1 (Gain): 0.026239 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999986 Status: OK.
 Std Error of Est: 0.000011
 Predicted MDL: 0.003898
 Predicted MQL: 0.012993

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00182	.000	1
S1	.10000	.10456	.005	4.56	.00474	.000	1
S3	5.0000	5.0451	.045	.903	.13681	.002	1
S4	10.000	9.9358	-.064	-.642	.26775	.000	1
S5	20.000	20.014	.014	.071	.53742	.001	1



AI 309.271 {109}

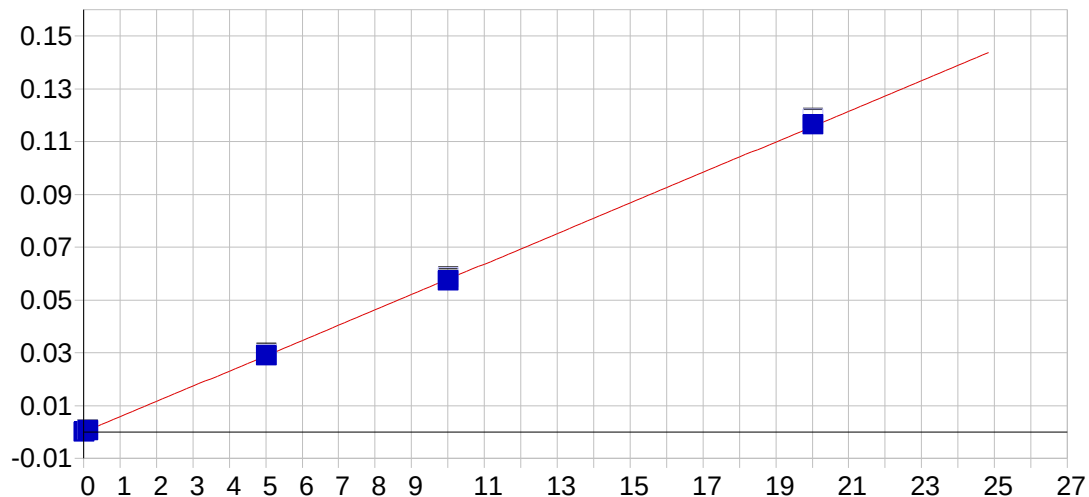
Date of Fit: 10/2/2018 14:01:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000209 Re-Slope: 1.000000
 A1 (Gain): 0.001911 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999985
 Std Error of Est: 0.000001
 Predicted MDL: 0.031880
 Predicted MQL: 0.106266

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00021	.000	1
S1	.10000	.09715	-.003	-2.85	-.00001	.000	1
S3	5.0000	5.0486	.049	.971	.00963	.000	1
S4	10.000	9.9294	-.071	-.706	.01914	.000	1
S5	20.000	20.025	.025	.125	.03882	.000	1

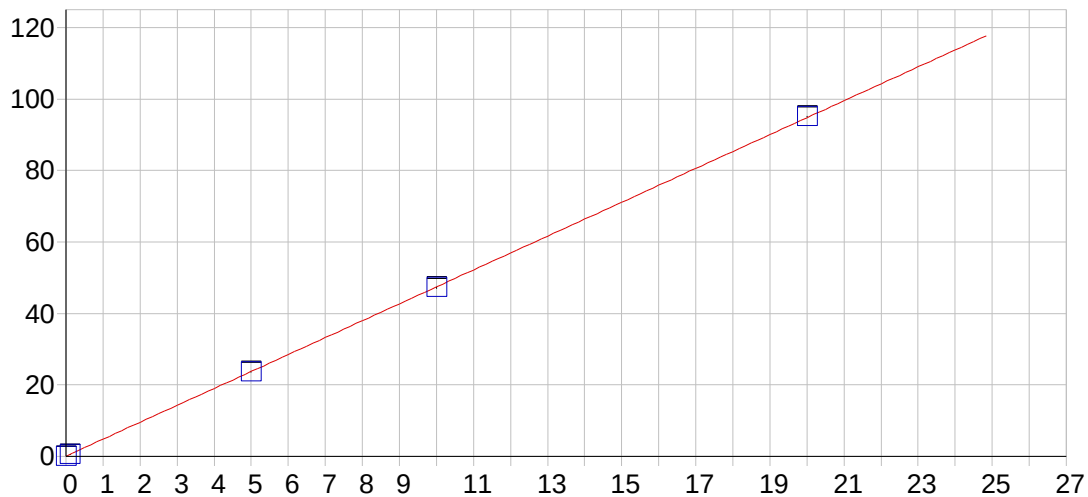


AI 396.152 { 85}

Date of Fit: 10/2/2018 14:01:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000068 Re-Slope: 1.000000
 A1 (Gain): 0.005788 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999979 Status: OK.
 Std Error of Est: 0.000003
 Predicted MDL: 0.016212
 Predicted MQL: 0.054041

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00007	.000	1
S1	.10000	.10494	.005	4.94	.00058	.000	1
S3	5.0000	4.9903	-.010	-.194	.02939	.000	1
S4	10.000	9.9096	-.090	-.904	.05844	.000	1
S5	20.000	20.095	.095	.475	.11855	.000	1

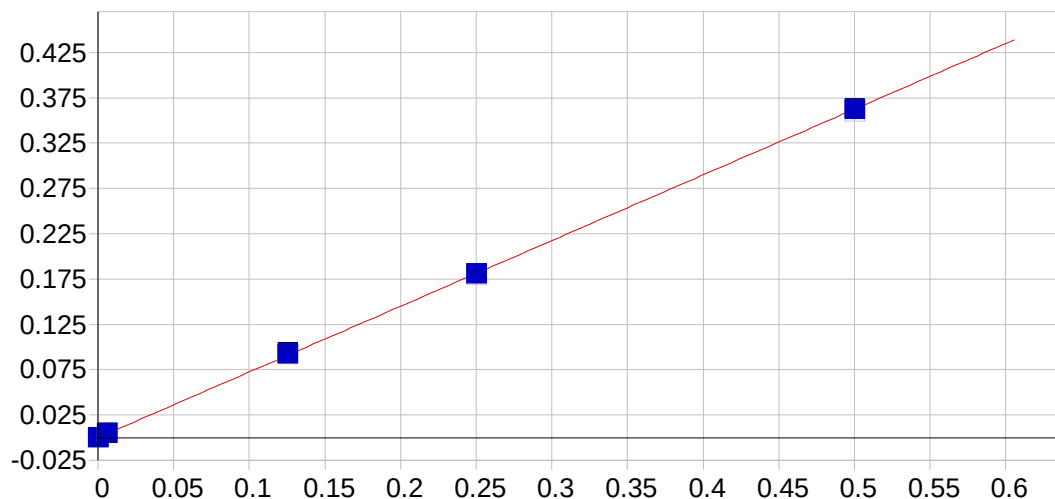


Ba 493.409 { 68}

Date of Fit: 10/2/2018 14:01:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.086612 Re-Slope: 1.000000
 A1 (Gain): 4.734880 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999986 Status: OK.
 Std Error of Est: 0.001898
 Predicted MDL: 0.000737
 Predicted MQL: 0.002456

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.08659	.000	1
S1	.10000	.10550	.005	5.50	.58614	.000	1
S3	5.0000	4.9728	-.027	-.545	23.632	.173	1
S5	20.000	20.072	.072	.361	95.126	.221	1
S4	10.000	9.9496	-.050	-.504	47.197	.256	1



Be 234.861 {144}

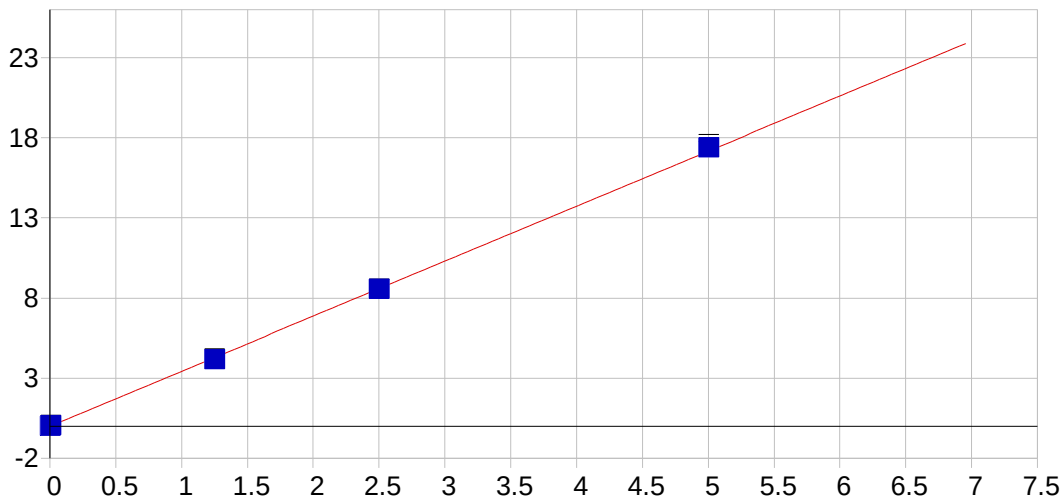
Date of Fit: 10/2/2018 14:01:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000013 Re-Slope: 1.000000
 A1 (Gain): 0.724901 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999977
 Std Error of Est: 0.000015
 Predicted MDL: 0.000085
 Predicted MQL: 0.000282

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00001	.000	1
S1	.00600	.00607	.000	1.17	.00434	.000	1
S3	.12500	.12703	.002	1.63	.09150	.002	1
S4	.25000	.24898	-.001	-.406	.17934	.000	1
S5	.50000	.49891	-.001	-.217	.35937	.001	1

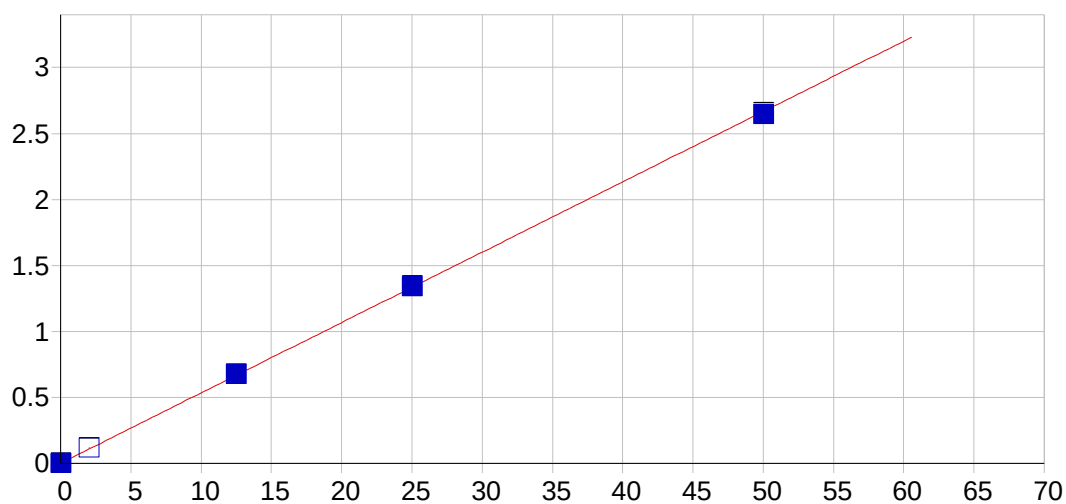


Cd 226.502 {449}

Date of Fit: 10/2/2018 14:01:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000847 Re-Slope: 1.000000
 A1 (Gain): 3.434584 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999899 Status: OK.
 Std Error of Est: 0.000457
 Predicted MDL: 0.000098
 Predicted MQL: 0.000327

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00085	.000	1
S1	.00600	.00597	-.000	-.501	.01970	.000	1
S3	1.2500	1.2135	-.037	-2.92	4.1679	.004	1
S4	2.5000	2.4825	-.017	-.699	8.5276	.010	1
S5	5.0000	5.0540	.054	1.08	17.362	.227	1

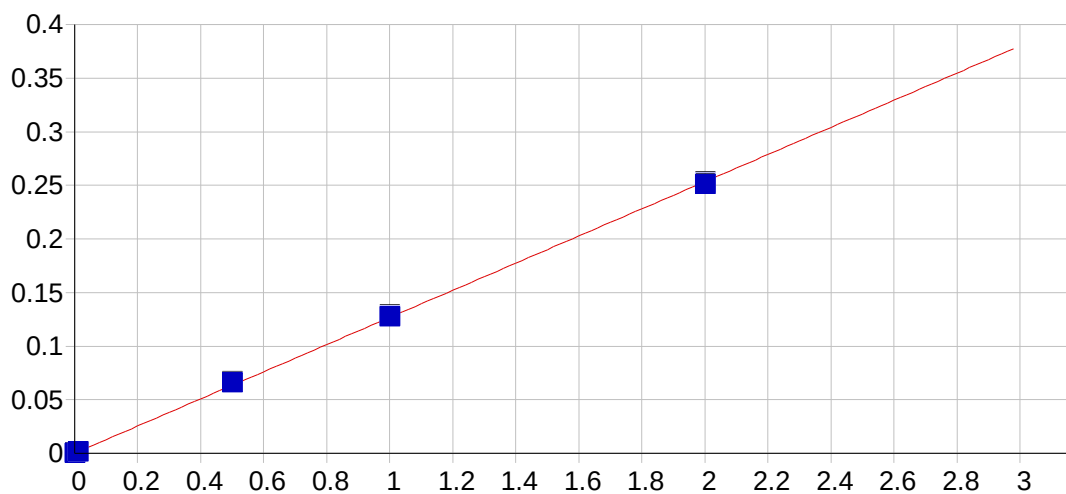


Ca 373.690 { 90}

Date of Fit: 10/2/2018 14:01:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000772 Re-Slope: 1.000000
 A1 (Gain): 0.053321 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999887 Status: OK.
 Std Error of Est: 0.000438
 Predicted MDL: 0.018904
 Predicted MQL: 0.063012

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1734	.173	8.67	.11666	.000	1
S0	.00000	-.00019	-.000	.000	.00076	.000	1
S3	12.500	12.640	.140	1.12	.67510	.001	1
S4	25.000	25.091	.091	.364	1.3394	.006	1
S5	50.000	49.596	-.404	-.809	2.6467	.012	1



Cr 267.716 {126}

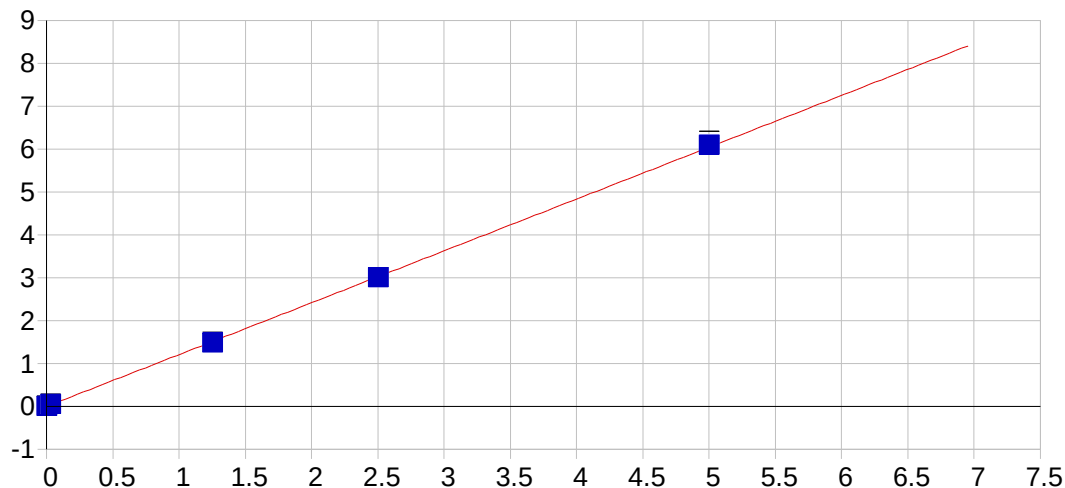
Date of Fit: 10/2/2018 14:01:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000112 Re-Slope: 1.000000
 A1 (Gain): 0.126641 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999881
 Std Error of Est: 0.000015
 Predicted MDL: 0.000603
 Predicted MQL: 0.002008

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00011	.000	1
S1	.01000	.01065	.001	6.52	.00147	.000	1
S3	.50000	.51639	.016	3.28	.06598	.001	1
S4	1.0000	1.0049	.005	.492	.12832	.000	1
S5	2.0000	1.9780	-.022	-1.10	.25250	.000	1



Co 228.616 {447}

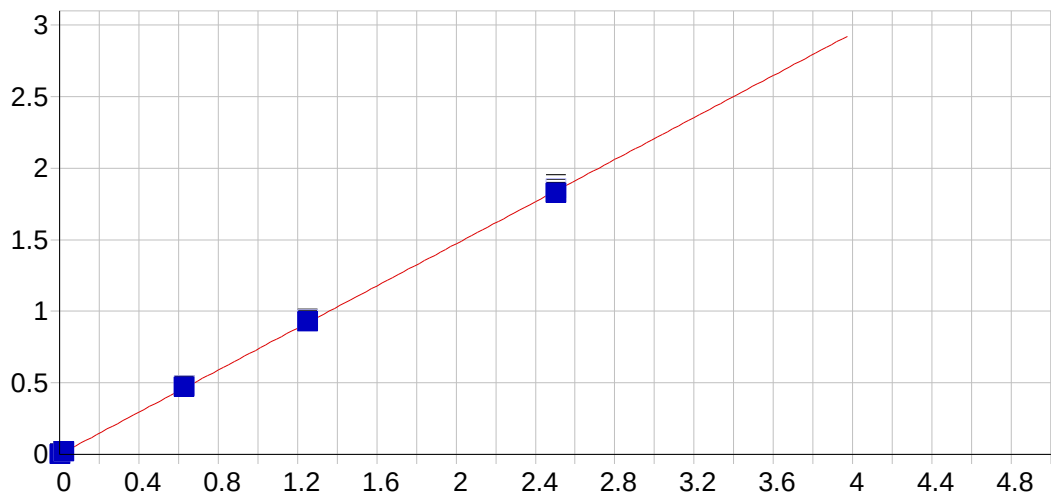
Date of Fit: 10/2/2018 14:01:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000423
 A1 (Gain): 1.209220
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999938
 Std Error of Est: 0.000282
 Predicted MDL: 0.000253
 Predicted MQL: 0.000844

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	-.00043	.000	1
S1	.03000	.03256	.003	8.55	.03871	.000	1
S3	1.2500	1.2279	-.022	-1.77	1.4855	.002	1
S4	2.5000	2.4798	-.020	-.808	3.0006	.004	1
S5	5.0000	5.0398	.040	.795	6.0985	.085	1

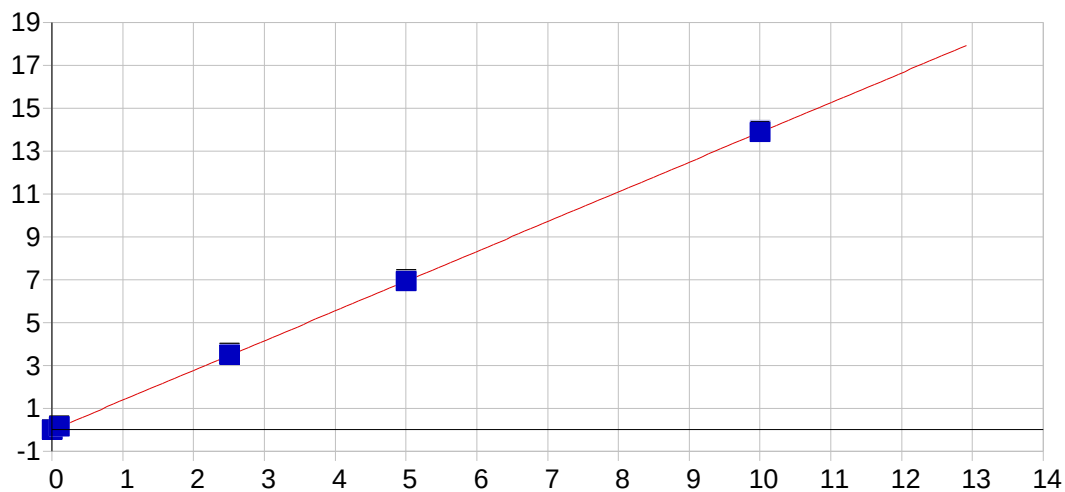


Cu 224.700 {450}

Date of Fit: 10/2/2018 14:01:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000784 Re-Slope: 1.000000
 A1 (Gain): 0.735481 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999929 Status: OK.
 Std Error of Est: 0.000108
 Predicted MDL: 0.000568
 Predicted MQL: 0.001894

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00078	.000	1
S1	.02000	.02137	.001	6.85	.01676	.000	1
S3	.62500	.63966	.015	2.35	.47941	.000	1
S4	1.2500	1.2556	.006	.450	.94060	.004	1
S5	2.5000	2.4783	-.022	-.866	1.8562	.028	1



Fe 240.488 {140}

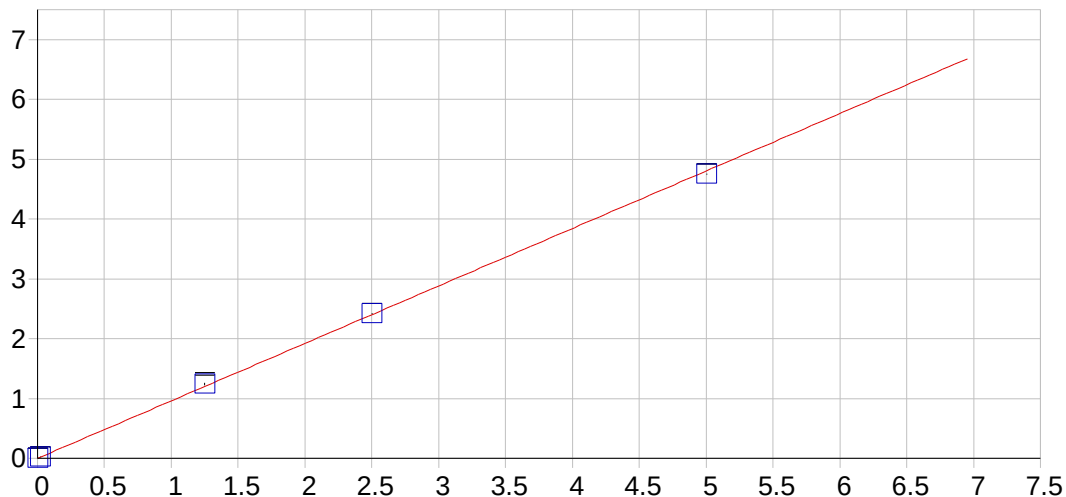
Date of Fit: 10/2/2018 14:01:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.007999 Re-Slope: 1.000000
 A1 (Gain): 1.388249 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999989
 Std Error of Est: 0.000353
 Predicted MDL: 0.009205
 Predicted MQL: 0.030683

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00801	.001	1
S1	.10000	.10504	.005	5.04	.13850	.017	1
S3	2.5000	2.5120	.012	.479	3.4967	.067	1
S4	5.0000	4.9804	-.020	-.391	6.9410	.046	1
S5	10.000	10.003	.003	.025	13.948	.012	1



Mn 257.610 {131}

Date of Fit: 10/2/2018 14:01:57

Type of Fit: Linear

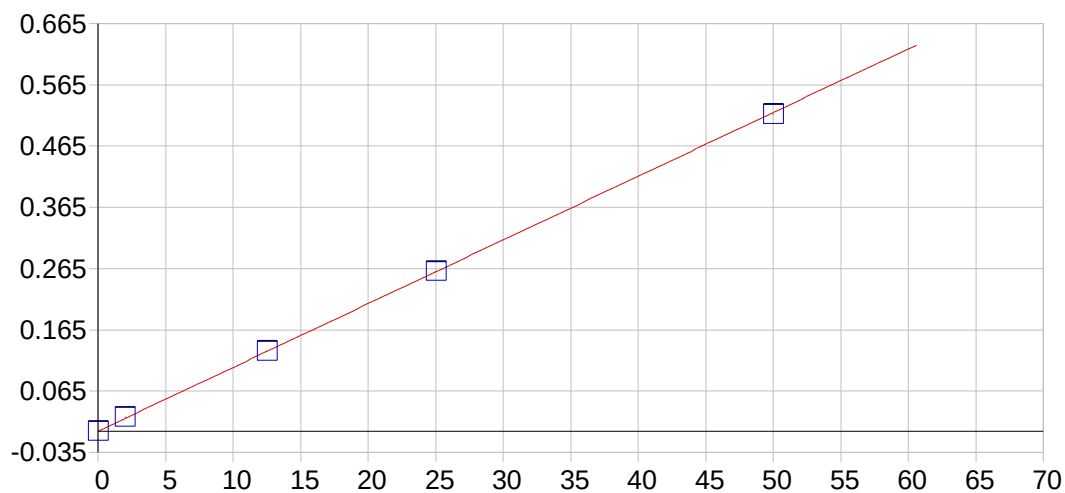
Weighting: 1/Conc

A0 (Offset): 0.000196
 A1 (Gain): 0.960659
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999872
 Std Error of Est: 0.000262
 Predicted MDL: 0.000078
 Predicted MQL: 0.000260

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00019	.000	1
S1	.02000	.02229	.002	11.4	.02161	.000	1
S3	1.2500	1.2894	.039	3.15	1.2388	.019	1
S4	2.5000	2.5151	.015	.604	2.4164	.002	1
S5	5.0000	4.9432	-.057	-1.14	4.7490	.004	1

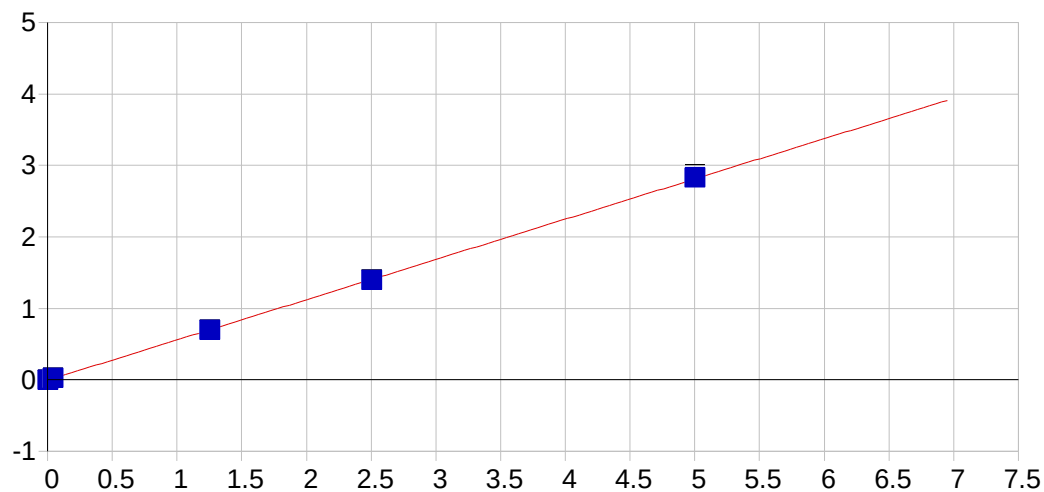


Mg 279.079 {121}

Date of Fit: 10/2/2018 14:01:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000367 Re-Slope: 1.000000
 A1 (Gain): 0.010403 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999895 Status: OK.
 Std Error of Est: 0.000082
 Predicted MDL: 0.045749
 Predicted MQL: 0.152497

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1828	.183	9.14	.02234	.000	1
S0	.00000	-.00018	-.000	.000	-.00037	.000	1
S3	12.500	12.559	.059	.473	.13029	.001	1
S4	25.000	25.050	.050	.200	.26023	.001	1
S5	50.000	49.708	-.292	-.584	.51675	.000	1



Ni 231.604 {445}

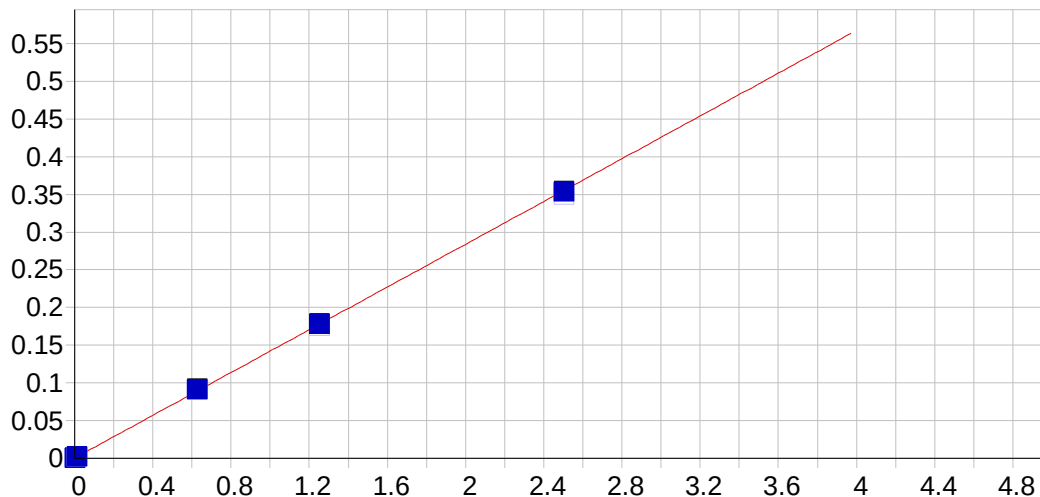
Date of Fit: 10/2/2018 14:01:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.005529 Re-Slope: 1.000000
 A1 (Gain): 0.563316 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999965
 Std Error of Est: 0.000115
 Predicted MDL: 0.000500
 Predicted MQL: 0.001667

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00553	.000	1
S1	.04000	.04324	.003	8.10	.01884	.000	1
S3	1.2500	1.2372	-.013	-1.03	.69216	.001	1
S4	2.5000	2.4841	-.016	-.635	1.3954	.001	1
S5	5.0000	5.0255	.025	.509	2.8285	.040	1



Ag 328.068 {103}

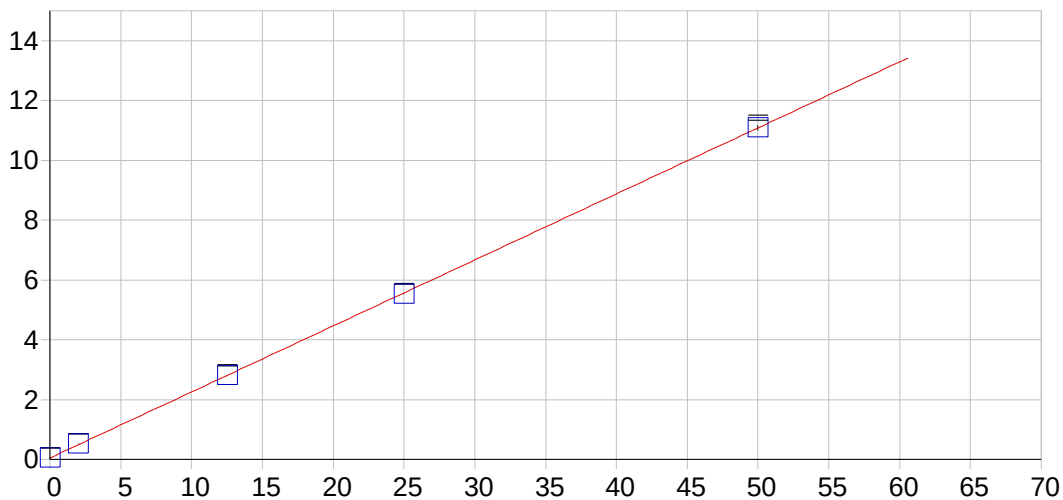
Date of Fit: 10/2/2018 14:01:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000278
 A1 (Gain): 0.141787
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999955
 Std Error of Est: 0.000011
 Predicted MDL: 0.000822
 Predicted MQL: 0.002740

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	.00028	.000	1
S1	.01000	.01055	.001	5.49	.00174	.000	1
S3	.62500	.63870	.014	2.19	.08983	.001	1
S4	1.2500	1.2463	-.004	-.295	.17498	.001	1
S5	2.5000	2.4894	-.011	-.422	.34923	.000	1

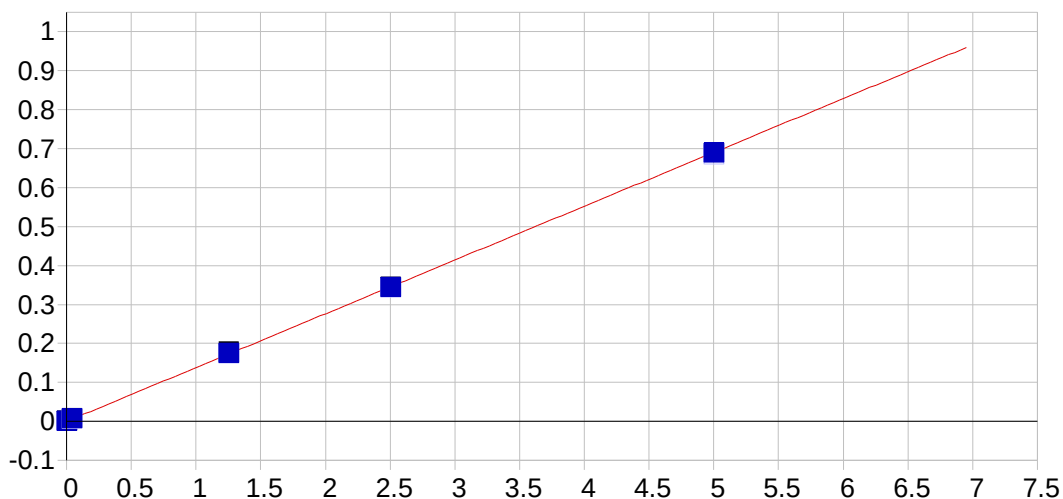


Na 589.592 { 57}

Date of Fit: 10/2/2018 14:01:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.046484 Re-Slope: 1.000000
 A1 (Gain): 0.220778 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999947 Status: OK.
 Std Error of Est: 0.001240
 Predicted MDL: 0.012476
 Predicted MQL: 0.041588

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1285	.129	6.43	.51641	.002	1
S0	.00000	-.00012	-.000	.000	.04646	.001	1
S3	12.500	12.523	.023	.184	2.8113	.022	1
S4	25.000	24.830	-.170	-.682	5.5283	.017	1
S5	50.000	50.019	.019	.038	11.090	.091	1



V 292.402 {115}

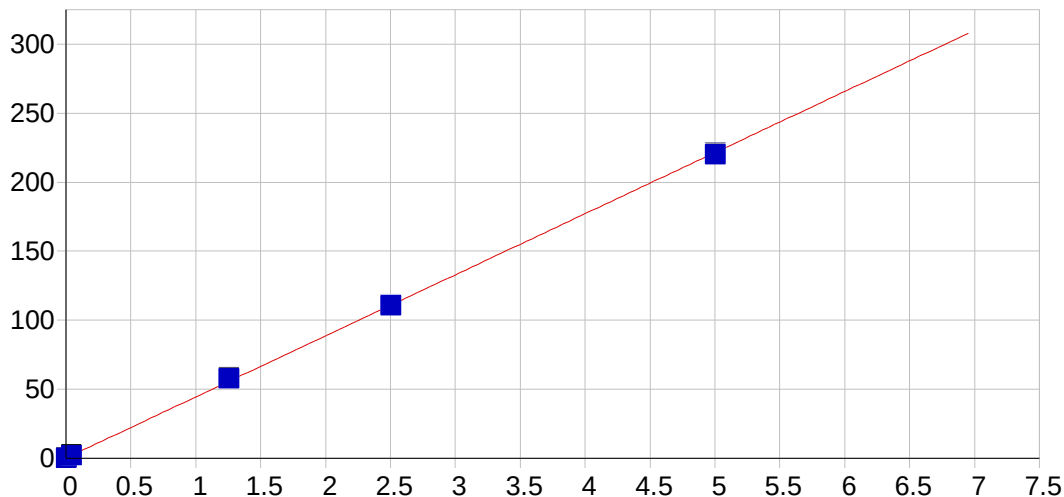
Date of Fit: 10/2/2018 14:01:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000135 Re-Slope: 1.000000
 A1 (Gain): 0.138111 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999960
 Std Error of Est: 0.000030
 Predicted MDL: 0.000657
 Predicted MQL: 0.002189

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00014	.000	1
S1	.04000	.04426	.004	10.7	.00589	.000	1
S3	1.2500	1.2653	.015	1.23	.17349	.003	1
S4	2.5000	2.4910	-.009	-.360	.34164	.000	1
S5	5.0000	4.9895	-.011	-.211	.68445	.000	1

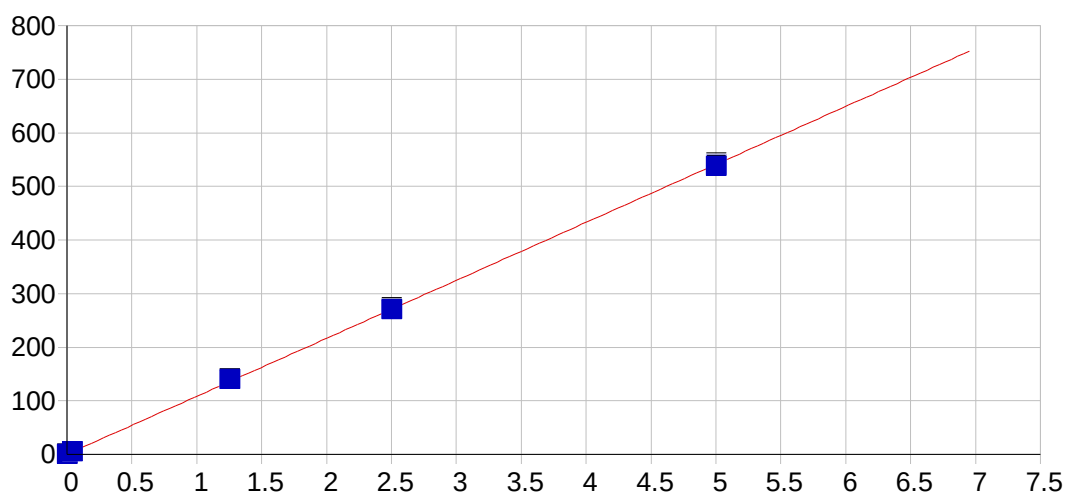


Zn 206.200 {163}

Date of Fit: 10/2/2018 14:01:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.148050 Re-Slope: 1.000000
 A1 (Gain): 44.265377 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999885 Status: OK.
 Std Error of Est: 0.016321
 Predicted MDL: 0.000383
 Predicted MQL: 0.001277

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.14787	.019	1
S1	.04000	.04310	.003	7.75	2.0675	.043	1
S3	1.2500	1.2931	.043	3.45	57.724	.506	1
S4	2.5000	2.4914	-.009	-.345	111.10	.383	1
S5	5.0000	4.9624	-.038	-.752	221.15	.173	1

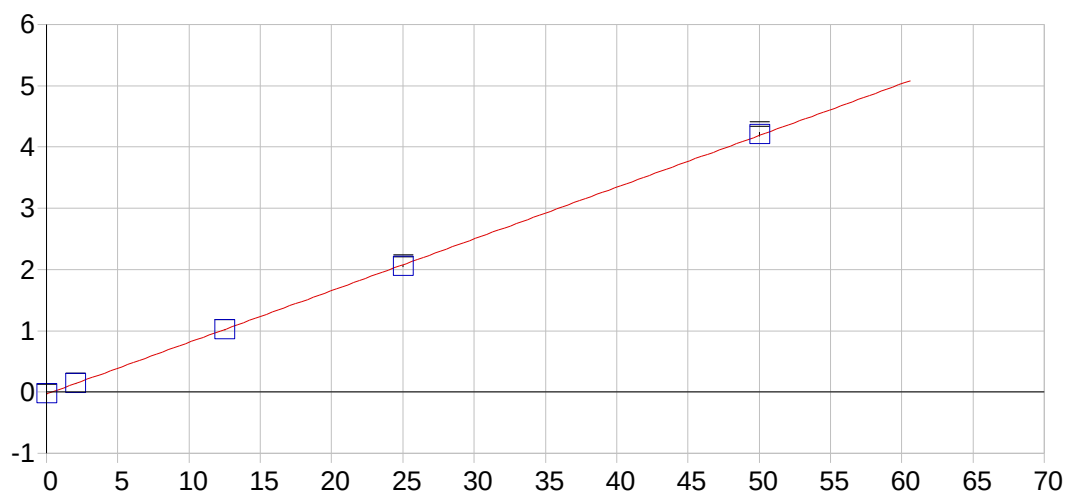


Zn 213.856 {458}

Date of Fit: 10/2/2018 14:01:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.182820 Re-Slope: 1.000000
 A1 (Gain): 108.170724 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999921 Status: OK.
 Std Error of Est: 0.033055
 Predicted MDL: 0.000084
 Predicted MQL: 0.000280

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.18244	.004	1
S1	.04000	.04269	.003	6.74	4.8295	.160	1
S3	1.2500	1.2855	.036	2.84	140.05	1.44	1
S4	2.5000	2.4926	-.007	-.296	271.45	1.79	1
S5	5.0000	4.9692	-.031	-.616	540.97	2.01	1



K 766.490 {44}

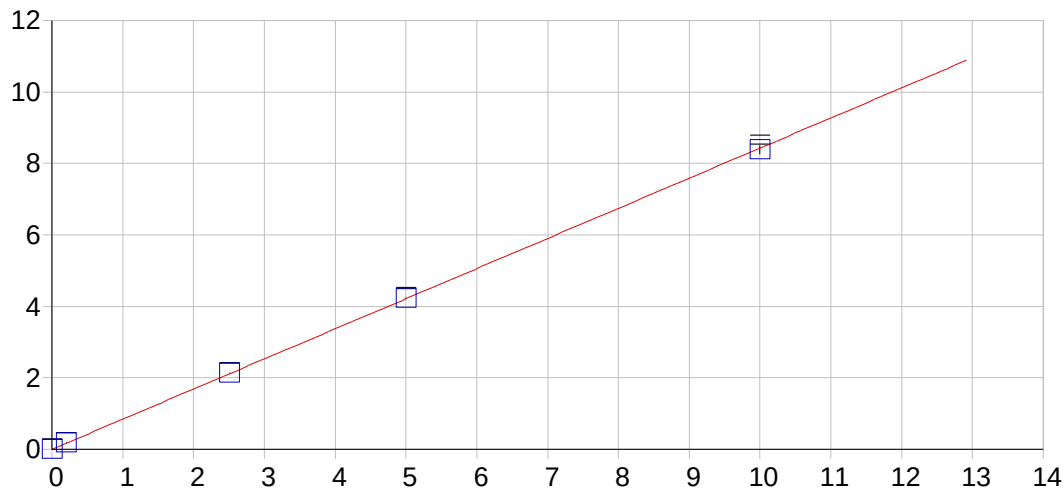
Date of Fit: 10/2/2018 14:01:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.033572 Re-Slope: 1.000000
 A1 (Gain): 0.084435 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999962
 Std Error of Est: 0.000402
 Predicted MDL: 0.039747
 Predicted MQL: 0.132491

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0744	.074	3.72	.14158	.000	1
S0	.00000	-.00005	-.000	.000	-.03358	.001	1
S3	12.500	12.448	-.052	-.416	1.0175	.002	1
S4	25.000	24.741	-.259	-1.04	2.0554	.015	1
S5	50.000	50.237	.237	.474	4.2082	.033	1



Mo 202.030 {467}

Date of Fit: 10/2/2018 14:01:57

Type of Fit: Linear

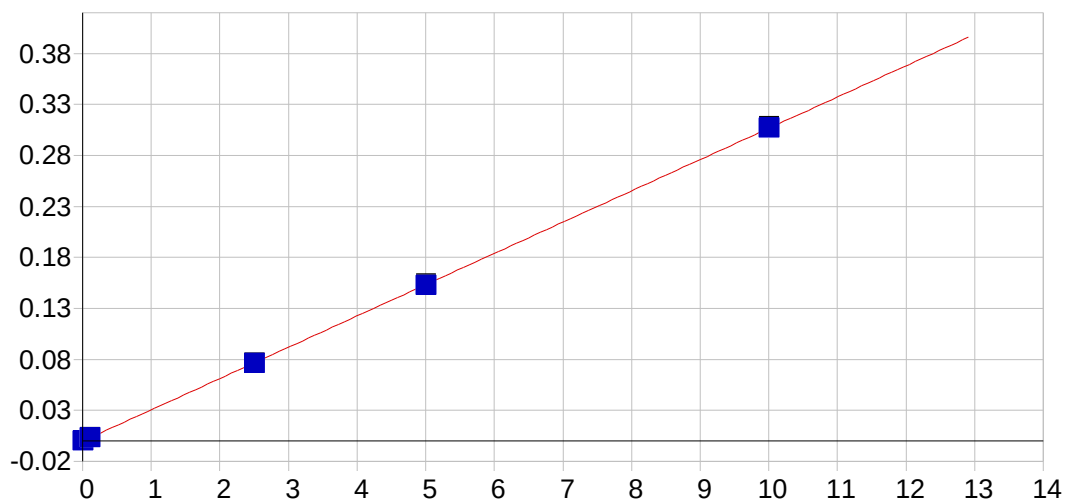
Weighting: 1/Conc

A0 (Offset): 0.000282
 A1 (Gain): 0.842875
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999971
 Std Error of Est: 0.000495
 Predicted MDL: 0.000338
 Predicted MQL: 0.001125

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	.00027	.000	1
S1	.20000	.20926	.009	4.63	.17666	.000	1
S3	2.5000	2.5241	.024	.965	2.1278	.001	1
S4	5.0000	5.0204	.020	.407	4.2318	.016	1
S5	10.000	9.9462	-.054	-.538	8.3837	.125	1

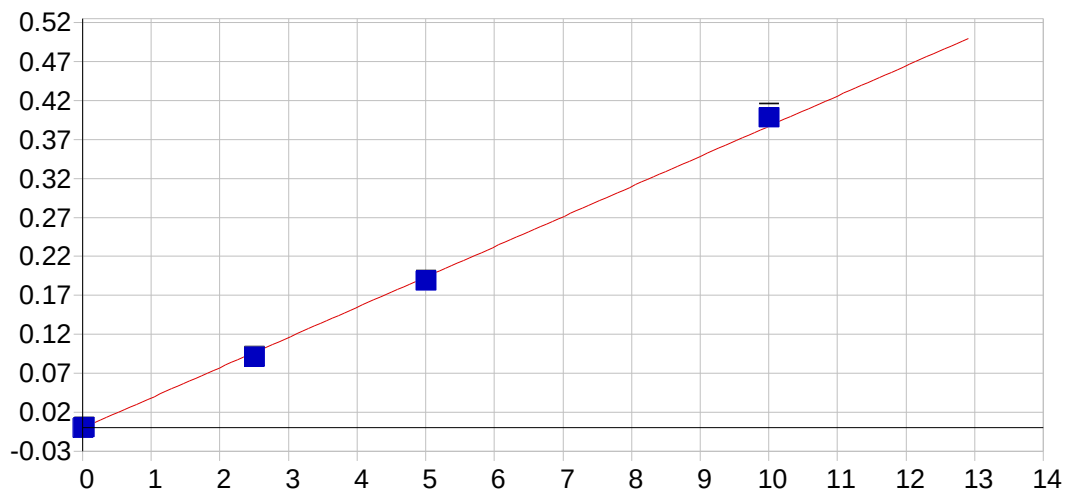


B 249.678 {135}

Date of Fit: 10/2/2018 14:01:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000085 Re-Slope: 1.000000
 A1 (Gain): 0.030676 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999976 Status: OK.
 Std Error of Est: 0.000011
 Predicted MDL: 0.011229
 Predicted MQL: 0.037428

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00009	.000	1
S1	.10000	.10823	.008	8.23	.00322	.000	1
S3	2.5000	2.4857	-.014	-.572	.07599	.000	1
S4	5.0000	4.9861	-.014	-.277	.15251	.001	1
S5	10.000	10.020	.020	.200	.30657	.001	1



S 182.034 {485}

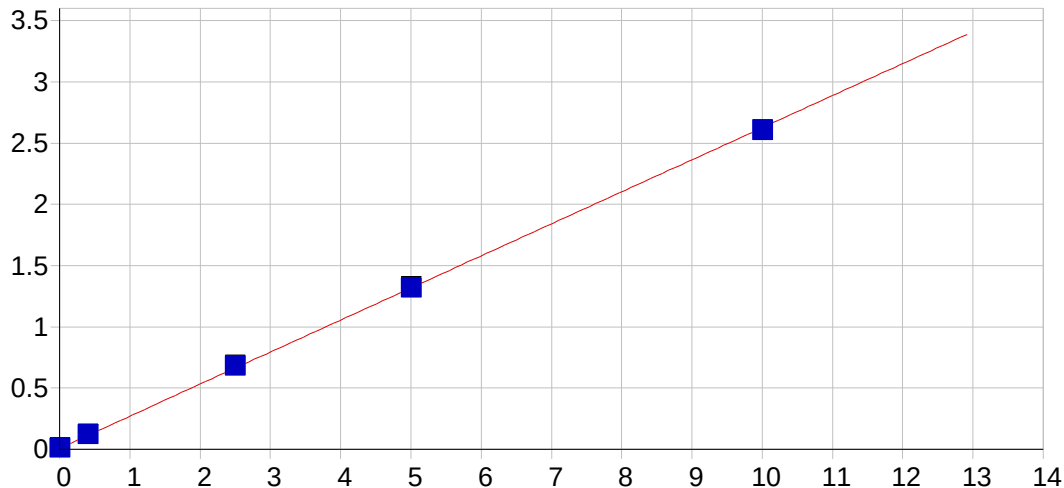
Date of Fit: 10/2/2018 14:01:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000101 Re-Slope: 1.000000
 A1 (Gain): 0.038717 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999394
 Std Error of Est: 0.000033
 Predicted MDL: 0.003631
 Predicted MQL: 0.012104

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00010	.000	1
S1	.02000	.01529	-.005	-23.6	.00047	.000	1
S3	2.5000	2.3502	-.150	-5.99	.09078	.000	1
S4	5.0000	4.8732	-.127	-2.54	.18836	.000	1
S5	10.000	10.281	.281	2.81	.39752	.005	1



Si 288.158 {117}

Date of Fit: 10/2/2018 14:01:57

Type of Fit: Linear

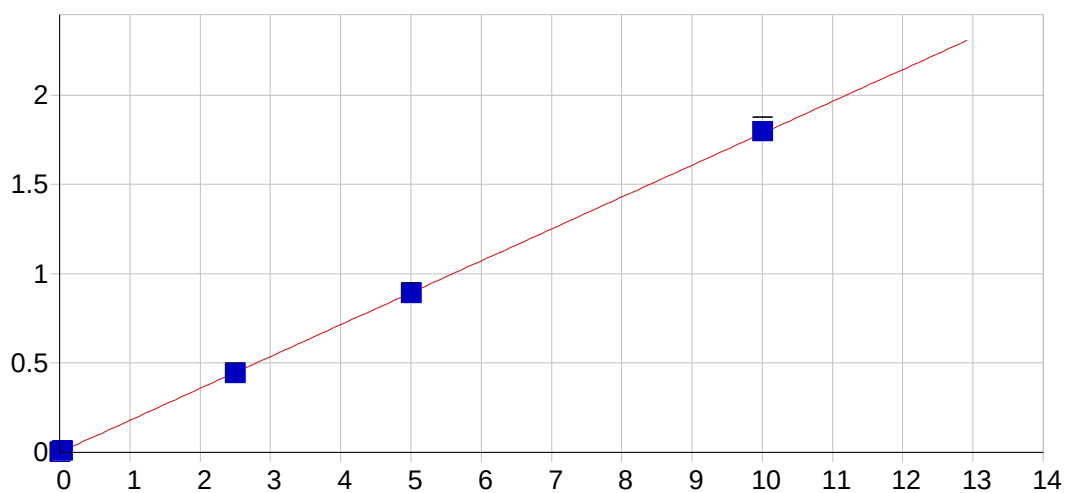
Weighting: 1/Conc

A0 (Offset): 0.008983
 A1 (Gain): 0.261660
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999888
 Std Error of Est: 0.000428
 Predicted MDL: 0.003949
 Predicted MQL: 0.013163

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.00897	.000	1
S1	.40000	.42407	.024	6.02	.11986	.001	1
S3	2.5000	2.5660	.066	2.64	.68006	.005	1
S4	5.0000	5.0003	.000	.006	1.3167	.009	1
S5	10.000	9.9096	-.090	-.904	2.6005	.007	1

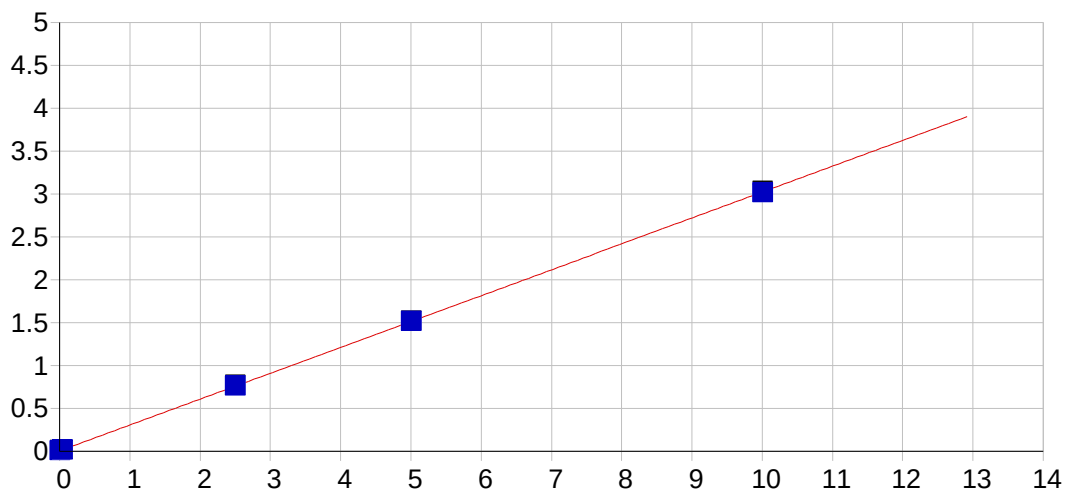


Sn 189.989 {477}

Date of Fit: 10/2/2018 14:01:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000831 Re-Slope: 1.000000
 A1 (Gain): 0.178476 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999978 Status: OK.
 Std Error of Est: 0.000041
 Predicted MDL: 0.000806
 Predicted MQL: 0.002687

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00083	.000	1
S1	.04000	.04136	.001	3.41	.00821	.000	1
S3	2.5000	2.4689	-.031	-1.25	.44154	.001	1
S4	5.0000	4.9791	-.021	-.418	.88964	.001	1
S5	10.000	10.051	.051	.506	1.7949	.024	1



Ti 336.121 {100}

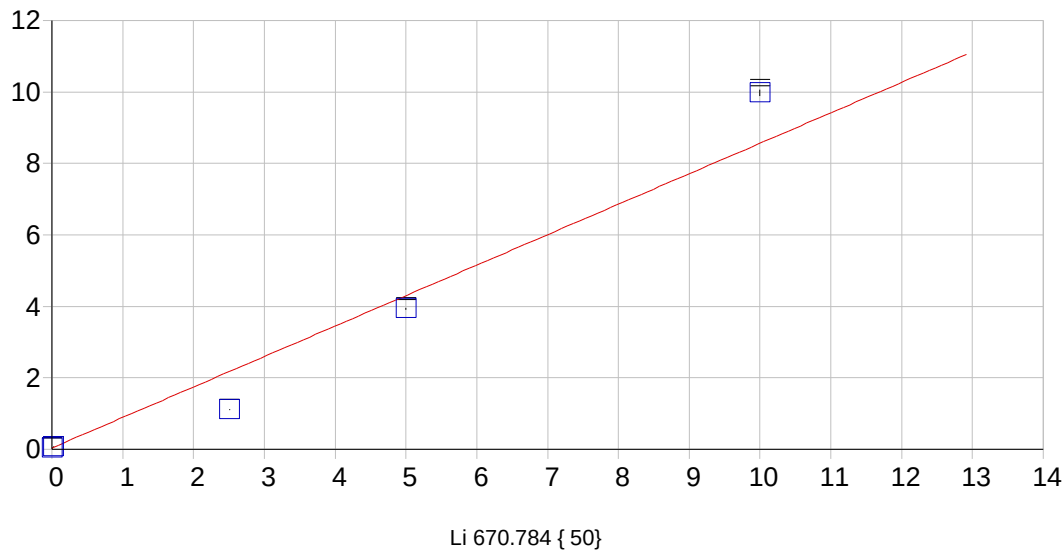
Date of Fit: 10/2/2018 14:01:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003855 Re-Slope: 1.000000
 A1 (Gain): 0.301853 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999977
 Std Error of Est: 0.000071
 Predicted MDL: 0.002308
 Predicted MQL: 0.007695

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00385	.000	1
S1	.04000	.04463	.005	11.6	.01732	.001	1
S3	2.5000	2.5195	.020	.782	.76429	.002	1
S4	5.0000	5.0095	.009	.190	1.5158	.002	1
S5	10.000	9.9663	-.034	-.337	3.0118	.021	1



Date of Fit: 10/2/2018 14:01:57

Type of Fit: Linear

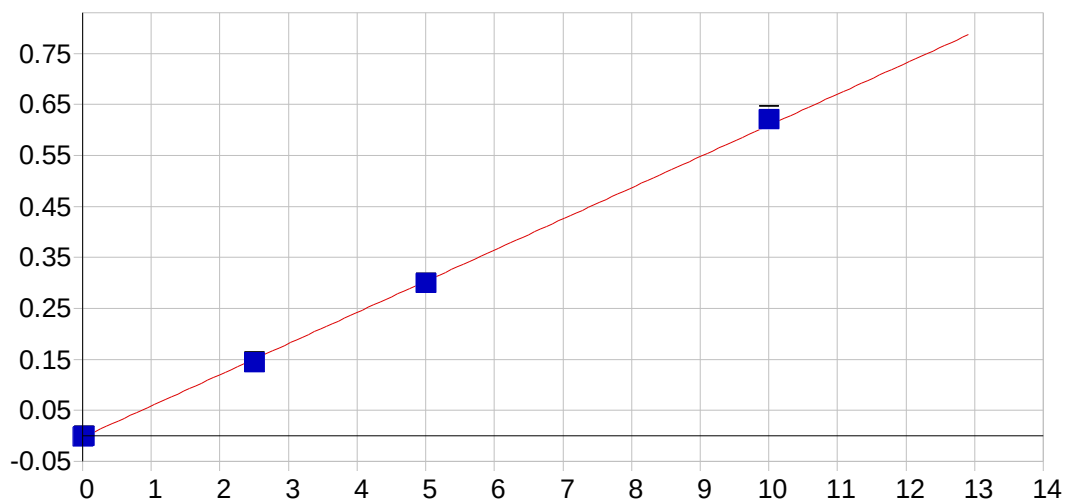
Weighting: 1/Conc

A0 (Offset): 0.038328
 A1 (Gain): 0.852568
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.974011
 Std Error of Est: 0.004789
 Predicted MDL: 0.003763
 Predicted MQL: 0.012545

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	.03832	.001	1
S1	.02000	.03535	.015	76.8	.06847	.001	1
S3	2.5000	1.2525	-1.25	-49.9	1.1062	.002	1
S4	5.0000	4.5703	-.430	-8.59	3.9348	.025	1
S5	10.000	11.662	1.66	16.6	9.9808	.088	1

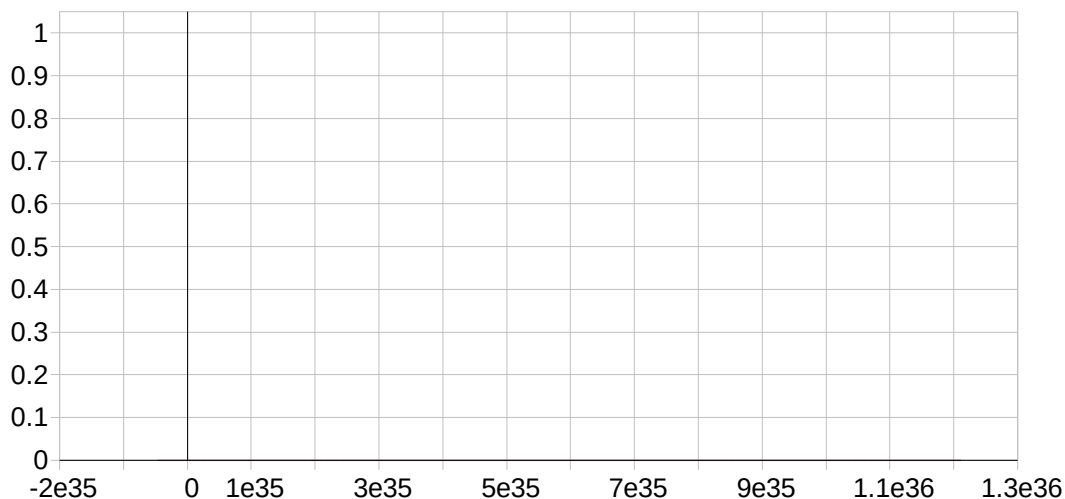


P 177.495 {490}

Date of Fit: 10/2/2018 14:01:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002400 Re-Slope: 1.000000
 A1 (Gain): 0.061138 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999745 Status: OK.
 Std Error of Est: 0.000033
 Predicted MDL: 0.002160
 Predicted MQL: 0.007200

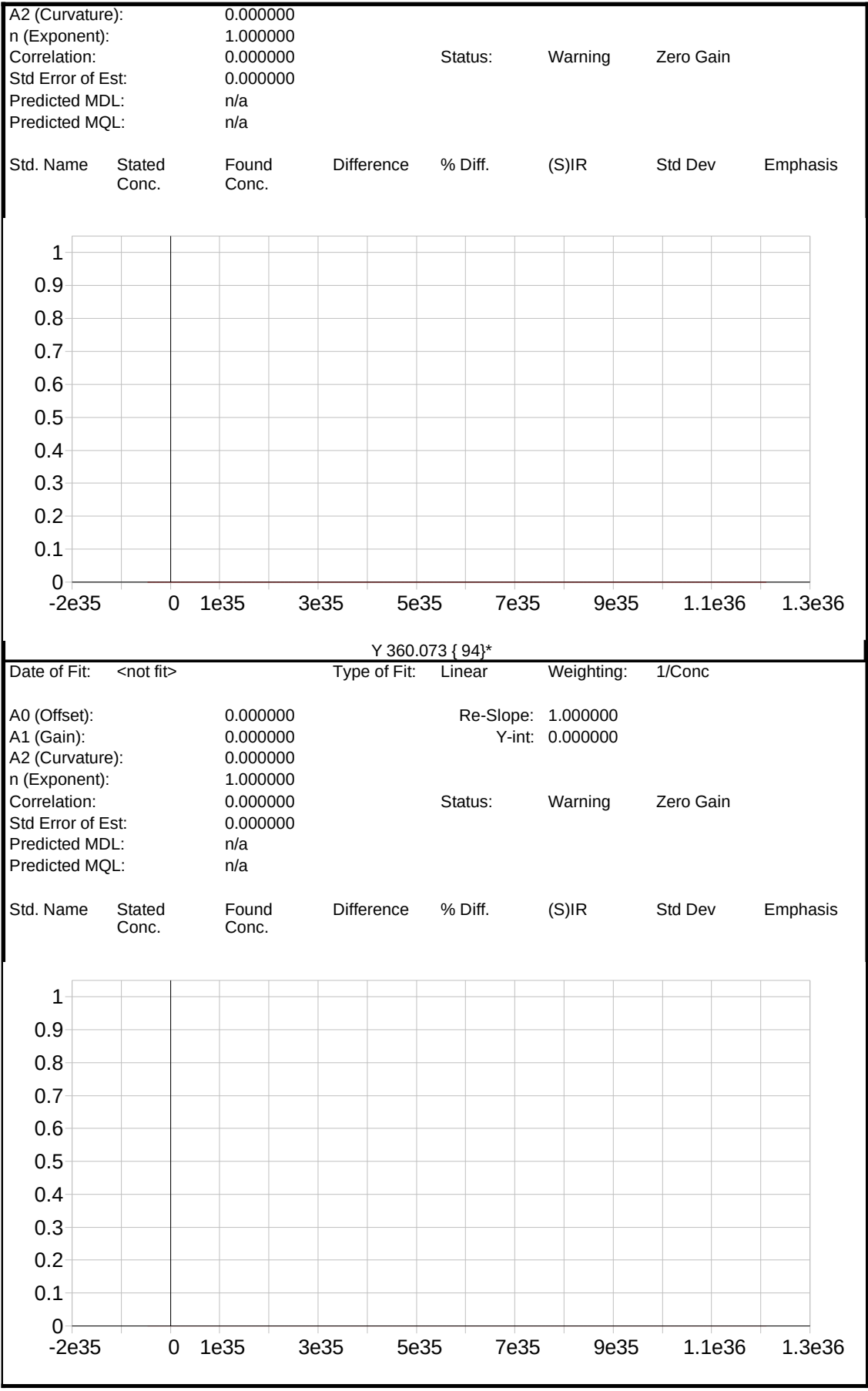
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00240	.000	1
S1	.02000	.01868	-.001	-6.58	-.00126	.000	1
S3	2.5000	2.3932	-.107	-4.27	.14369	.001	1
S4	5.0000	4.9284	-.072	-1.43	.29847	.001	1
S5	10.000	10.180	.180	1.80	.61908	.008	1

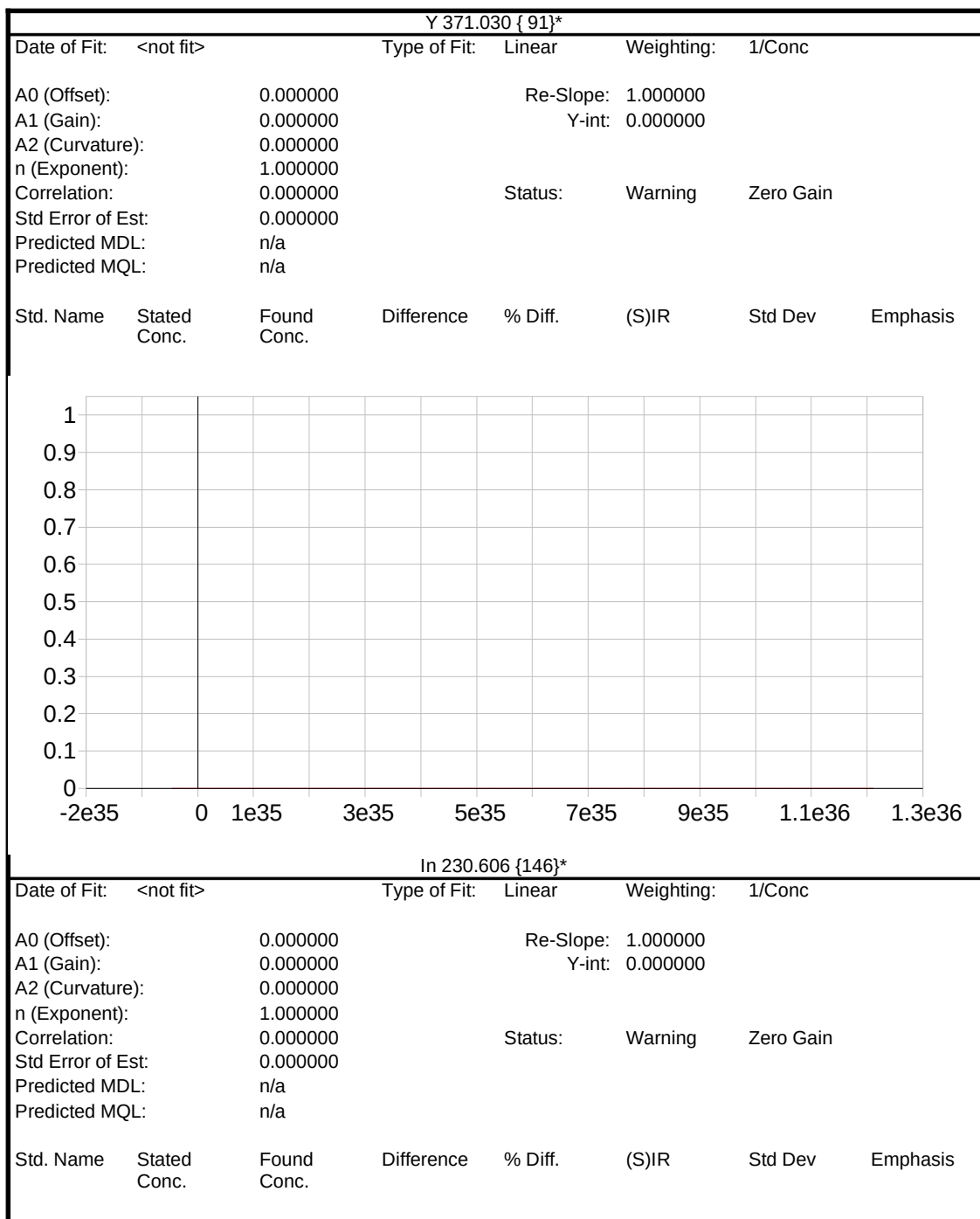


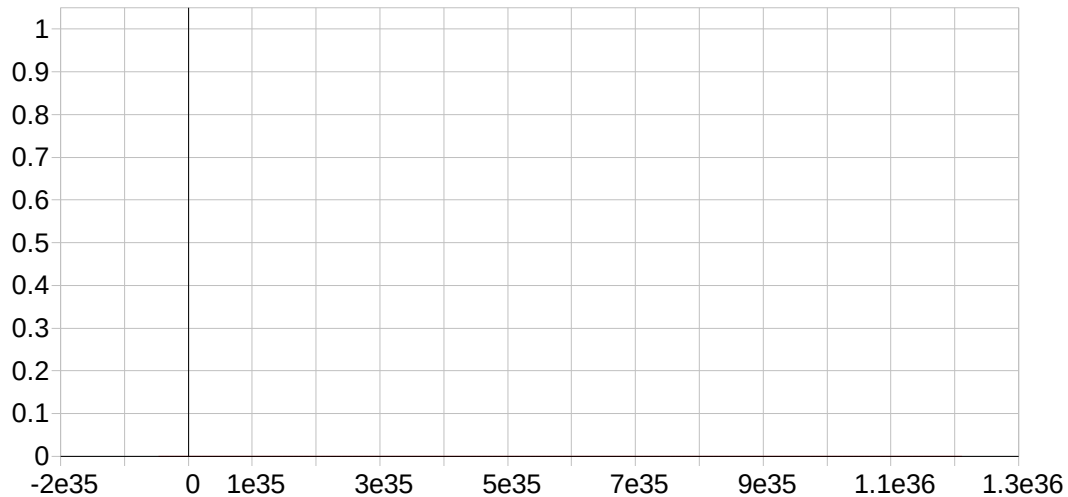
Y 224.306 {450}*

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

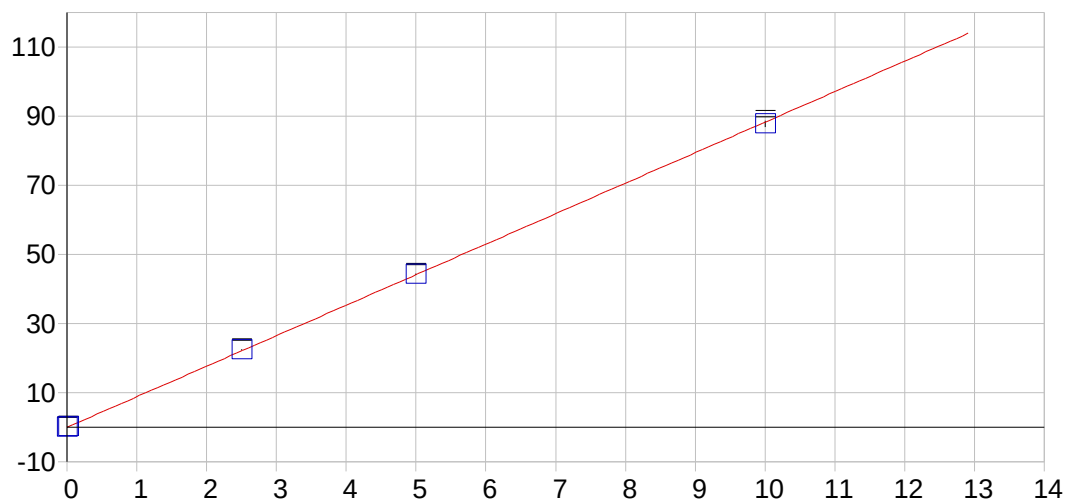
Status: Warning Zero Gain

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: 10/2/2018 14:01:57

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.006592

Re-Slope: 1.000000

A1 (Gain): 8.827797

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999969

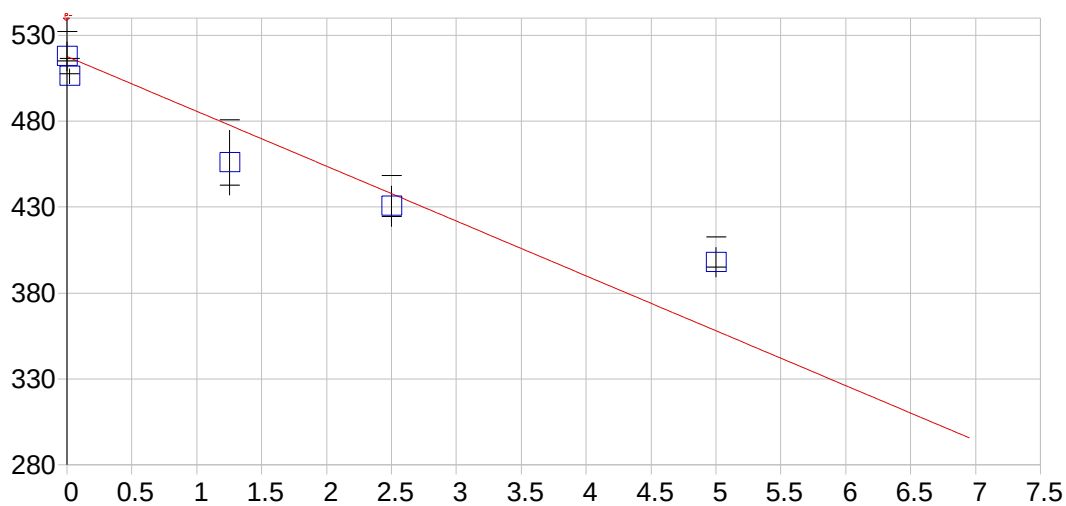
Status: OK.

Std Error of Est: 0.001691

Predicted MDL: 0.000142

Predicted MQL: 0.000472

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00660	.001	1
S1	.02000	.02079	.001	3.95	.17694	.001	1
S3	2.5000	2.5446	.045	1.78	22.456	.151	1
S4	5.0000	5.0065	.006	.129	44.189	.207	1
S5	10.000	9.9482	-.052	-.518	87.814	.950	1

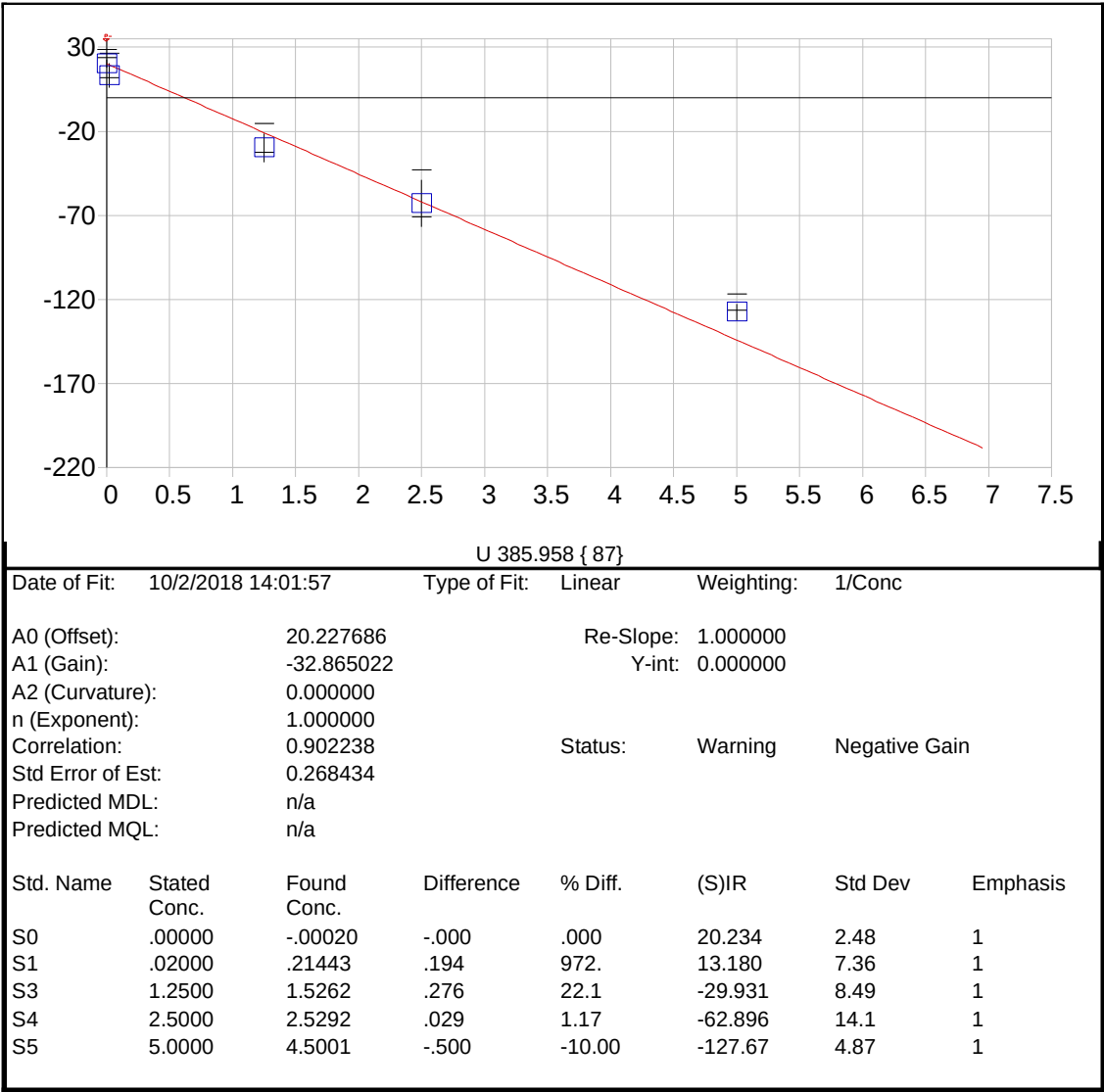


U 367.007 { 92}

Date of Fit: 10/2/2018 14:01:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 517.501222 Re-Slope: 1.000000
A1 (Gain): -31.930044 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.761157 Status: Warning Negative Gain
Std Error of Est: 0.464931
Predicted MDL: n/a
Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00034	-.000	.000	517.51	8.59	1
S1	.02000	.35616	.336	1680.	506.13	4.58	1
S3	1.2500	1.9374	.687	55.0	455.64	19.0	1
S4	2.5000	2.7266	.227	9.07	430.44	11.9	1
S5	5.0000	3.7498	-1.25	-25.0	397.77	8.81	1



Sample Name: S0 Acquired: 10/2/2018 10:48:05 Type: Cal
Method: P4-ICP2(v2469) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00010	-.00011	.00338	.00008	.00091	-.00007	.08659
Stddev	.00001	.00010	.00011	.00009	.00019	.00003	.00027
%RSD	6.5280	87.256	3.1787	110.29	20.435	46.742	.31310

#1	.00011	-.00018	.00345	.00014	.00104	-.00005	.08678
#2	.00010	-.00004	.00330	.00002	.00078	-.00009	.08640

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00001	-.00085	.00076	.00011	-.00043	.00078	-.00801
Stddev	.00004	.00048	.00025	.00003	.00002	.00026	.00131
%RSD	283.16	56.384	32.720	23.454	4.1080	33.815	16.382

#1	.00001	-.00051	.00094	.00013	-.00041	.00060	-.00708
#2	-.00004	-.00118	.00059	.00009	-.00044	.00097	-.00893

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00019	-.00037	-.00553	.00028	.04646	-.00014	.18244
Stddev	.00003	.00002	.00021	.00002	.00079	.00005	.00397
%RSD	15.967	4.6840	3.7242	7.2339	1.7089	35.769	2.1755

#1	.00022	-.00036	-.00568	.00026	.04702	-.00010	.18525
#2	.00017	-.00038	-.00539	.00029	.04590	-.00017	.17964

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.03358	.00027	-.00009	-.00010	.00897	.00083	.00385
Stddev	.00056	.00006	.00009	.00001	.00035	.00027	.00003
%RSD	1.6595	23.756	106.83	6.1339	3.9199	32.093	.70599

#1	-.03397	.00023	-.00002	-.00010	.00873	.00102	.00383
#2	-.03318	.00032	-.00015	-.00011	.00922	.00064	.00387

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.03832	-.0024	-.00660	517.51	20.234
Stddev	.00104	.0000	.00077	8.59	2.479
%RSD	2.7012	1.505	11.606	1.6598	12.250

#1	.03905	-.0024	-.00714	523.59	21.987
#2	.03759	-.0024	-.00606	511.44	18.482

Sample Name: S0 Acquired: 10/2/2018 10:48:05 Type: Cal
Method: P4-ICP2(v2469) 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	3118.4	67350.	4825.5	106.65	4451.2
Stddev	21.3	53.	35.2	.07	27.1
%RSD	.68179	.07850	.72848	.06981	.60975
#1	3103.3	67313.	4800.7	106.71	4432.0
#2	3133.4	67387.	4850.4	106.60	4470.4

Sample Name: S1 Acquired: 10/2/2018 10:52:08 Type: Cal
Method: P4-ICP2(v2469) 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	.00171	.00535	.00672	.00124	.01142	.00058	.58614	.00434
Stddev	.00009	.00044	.00028	.00005	.00012	.00006	.00013	.00016
%RSD	5.0656	8.2186	4.1263	3.9464	1.0712	10.295	.02226	3.7918

#1	.00177	.00566	.00653	.00120	.01151	.00054	.58605	.00446
#2	.00164	.00504	.00692	.00127	.01134	.00062	.58623	.00423

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	.01970	.00147	.03871	.01676	.13850	.02161	.01884	.00174
Stddev	.00044	.00001	.00008	.00008	.01738	.00041	.00011	.00009
%RSD	2.2164	.82750	.21777	.47705	12.546	1.8907	.58899	5.0814

#1	.01939	.00146	.03865	.01681	.12621	.02189	.01892	.00168
#2	.02001	.00148	.03877	.01670	.15078	.02132	.01876	.00181

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	.00589	4.8295	.17666	.00322	.00047	.11986	.00821	.01732
Stddev	.00017	.1598	.00016	.00025	.00002	.00145	.00007	.00059
%RSD	2.9678	3.3090	.08891	7.8603	3.9258	1.2128	.90718	3.3851

#1	.00602	4.9425	.17655	.00340	.00045	.12089	.00816	.01691
#2	.00577	4.7165	.17678	.00304	.00048	.11883	.00827	.01774

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.06847	-.0013	.17694	506.13	13.180
Stddev	.00055	.0000	.00053	4.58	7.356
%RSD	.80930	1.163	.30015	.90436	55.807

#1	.06886	-.0013	.17732	502.89	7.9793
#2	.06808	-.0013	.17657	509.37	18.382

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3165.0	68379.	4893.2	110.32	4566.6
Stddev	9.0	1036.	59.1	3.47	7.5
%RSD	.28336	1.5152	1.2074	3.1437	.16377

#1	3158.7	67646.	4851.4	107.87	4561.3
#2	3171.4	69112.	4935.0	112.77	4571.9

Sample Name: S2 Acquired: 10/2/2018 10:56:24 Type: Cal
Method: P4-ICP2(v2469) 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	.11666	.02234	.51641	.14158
Stddev	.00003	.00007	.00166	.00026
%RSD	.02856	.33272	.32207	.18492

#1	.11668	.02239	.51759	.14177
#2	.11664	.02229	.51524	.14140

Int. Std.	Y_3710
Units	Cts/S
Avg	4826.4
Stddev	22.6
%RSD	.46838

#1	4842.4
#2	4810.4

Sample Name: S3 Acquired: 10/2/2018 11:00:19 Type: Cal
Method: P4-ICP2(v2469) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.15358	.28544	.68729	.16012	.48871	.02939	23.632
Stddev	.00021	.00117	.00134	.00059	.00147	.00045	.173
%RSD	.13905	.40915	.19504	.36585	.30120	1.5194	.73320

#1	.15373	.28626	.68634	.16054	.48975	.02971	23.755
#2	.15343	.28461	.68824	.15971	.48767	.02908	23.510

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.09150	4.1679	.67510	.06598	1.4855	.47941	3.4967
Stddev	.00179	.0041	.00057	.00087	.0021	.00027	.0671
%RSD	1.9588	.09889	.08485	1.3143	.14253	.05727	1.9189

#1	.09277	4.1650	.67469	.06659	1.4840	.47960	3.5442
#2	.09024	4.1708	.67550	.06537	1.4870	.47921	3.4493

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.2388	.13029	.69216	.08983	2.8113	.17349	140.05
Stddev	.0188	.00072	.00099	.00126	.0218	.00272	1.44
%RSD	1.5166	.55567	.14373	1.3987	.77693	1.5675	1.0263

#1	1.2521	.13080	.69145	.09072	2.8267	.17541	141.07
#2	1.2256	.12978	.69286	.08894	2.7958	.17157	139.04

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.0175	2.1278	.07599	.09078	.68006	.44154	.76429
Stddev	.0016	.0012	.00012	.00045	.00452	.00085	.00183
%RSD	.15816	.05533	.15603	.49935	.66533	.19217	.23952

#1	1.0163	2.1286	.07590	.09110	.68326	.44094	.76558
#2	1.0186	2.1270	.07607	.09046	.67686	.44214	.76299

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.1062	.1437	22.456	455.64	-29.931
Stddev	.0025	.0006	.151	19.00	8.492
%RSD	.22282	.4488	.67432	4.1693	28.371

#1	1.1079	.1441	22.563	442.21	-23.926
#2	1.1044	.1432	22.349	469.07	-35.935

Sample Name: S3 Acquired: 10/2/2018 11:00:19 Type: Cal
Method: P4-ICP2(v2469) 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	3127.0	65652.	4818.0	104.04	4256.3
Stddev	7.1	1235.	35.8	1.15	.8
%RSD	.22840	1.8811	.74393	1.1063	.01827
#1	3122.0	64779.	4792.7	103.23	4256.8
#2	3132.1	66526.	4843.4	104.86	4255.7

Sample Name: S4 Acquired: 10/2/2018 11:04:05 Type: Cal
Method: P4-ICP2(v2469) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.30979	.57498	1.3890	.32336	.98176	.05844	47.197
Stddev	.00119	.00189	.0012	.00190	.00284	.00022	.256
%RSD	.38497	.32927	.08840	.58770	.28930	.37953	.54246

#1	.31063	.57632	1.3882	.32470	.98377	.05829	47.378
#2	.30894	.57364	1.3899	.32201	.97975	.05860	47.016

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.17934	8.5276	1.3394	.12832	3.0006	.94060	6.9410
Stddev	.00020	.0098	.0061	.00039	.0037	.00446	.0462
%RSD	.10951	.11428	.45281	.30117	.12505	.47414	.66597

#1	.17947	8.5344	1.3351	.12805	3.0032	.94375	6.9083
#2	.17920	8.5207	1.3436	.12860	2.9979	.93745	6.9737

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.4164	.26023	1.3954	.17498	5.5283	.34164	271.45
Stddev	.0021	.00068	.0012	.00111	.0167	.00043	1.79
%RSD	.08745	.26185	.08422	.63282	.30114	.12652	.65913

#1	2.4179	.26071	1.3962	.17576	5.5401	.34195	270.18
#2	2.4149	.25975	1.3945	.17419	5.5165	.34134	272.71

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.0554	4.2318	.15251	.18836	1.3167	.88964	1.5158
Stddev	.0148	.0163	.00100	.00042	.0090	.00134	.0016
%RSD	.72000	.38475	.65816	.22079	.68693	.15087	.10549

#1	2.0659	4.2433	.15322	.18865	1.3231	.89059	1.5169
#2	2.0449	4.2203	.15180	.18807	1.3103	.88869	1.5147

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.9348	.2985	44.189	430.44	-62.896
Stddev	.0250	.0005	.207	11.94	14.110
%RSD	.63626	.1676	.46800	2.7739	22.434

#1	3.9525	.2988	44.336	438.88	-72.873
#2	3.9171	.2981	44.043	422.00	-52.918

Sample Name: S4 Acquired: 10/2/2018 11:04:05 Type: Cal
Method: P4-ICP2(v2469) 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	3094.5	65654.	4799.0	103.37	4103.9
Stddev	9.0	7.	11.3	.69	5.4
%RSD	.29106	.01137	.23567	.66914	.13190
#1	3088.1	65660.	4791.0	103.86	4100.1
#2	3100.8	65649.	4807.0	102.88	4107.8

Sample Name: S5 Acquired: 10/2/2018 11:07:51 Type: Cal
Method: P4-ICP2(v2469) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.62957	1.1426	2.8140	.65557	1.9811	.11855	95.126
Stddev	.00971	.0137	.0381	.01100	.0299	.00022	.221
%RSD	1.5418	1.1969	1.3543	1.6778	1.5079	.18542	.23202

#1	.63643	1.1522	2.8410	.66335	2.0022	.11870	95.282
#2	.62270	1.1329	2.7871	.64779	1.9600	.11839	94.970

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.35937	17.362	2.6467	.25250	6.0985	1.8562	13.948
Stddev	.00100	.227	.0121	.00043	.0848	.0279	.012
%RSD	.27838	1.3064	.45530	.16902	1.3902	1.5022	.08662

#1	.36008	17.522	2.6552	.25220	6.1585	1.8759	13.939
#2	.35866	17.201	2.6381	.25281	6.0386	1.8365	13.956

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.7490	.51675	2.8285	.34923	11.090	.68445	540.97
Stddev	.0037	.00044	.0402	.00032	.091	.00014	2.01
%RSD	.07687	.08556	1.4203	.09204	.81873	.01981	.37133

#1	4.7464	.51644	2.8569	.34900	11.154	.68454	542.40
#2	4.7515	.51706	2.8001	.34945	11.025	.68435	539.55

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.2082	8.3837	.30657	.39752	2.6005	1.7949	3.0118
Stddev	.0327	.1247	.00103	.00533	.0066	.0242	.0206
%RSD	.77700	1.4875	.33460	1.3408	.25454	1.3507	.68418

#1	4.2313	8.4719	.30730	.40129	2.6052	1.8121	3.0264
#2	4.1851	8.2955	.30584	.39376	2.5959	1.7778	2.9973

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	9.9808	.6191	87.814	397.77	-127.67
Stddev	.0878	.0076	.950	8.81	4.87
%RSD	.87994	1.224	1.0818	2.2146	3.8153

#1	10.043	.6244	88.486	404.00	-131.11
#2	9.9187	.6137	87.142	391.54	-124.23

Sample Name: S5 Acquired: 10/2/2018 11:07:51 Type: Cal
Method: P4-ICP2(v2469) 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	3026.3	64395.	4734.4	100.72	3893.3
Stddev	44.1	168.	37.6	.28	50.3
%RSD	1.4558	.26089	.79447	.27707	1.2928
#1	2995.2	64276.	4707.8	100.52	3857.7
#2	3057.5	64513.	4761.0	100.92	3928.9

Sample Name: ICV01 Acquired: 10/2/2018 11:30:15 Type: Unk

Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000

User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0540	1.0848	1.0452	1.0568	1.0036	2.5917	.52149
Stddev	.0004	.0006	.0003	.0008	.0008	.0191	.00396
%RSD	.03822	.05473	.02952	.07110	.07777	.73748	.76026

#1	1.0537	1.0844	1.0454	1.0573	1.0031	2.6052	.52430
#2	1.0543	1.0852	1.0450	1.0562	1.0042	2.5782	.51869

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49605	.51029	10.500	.50477	.50640	.51492	5.1381
Stddev	.00057	.00098	.032	.00250	.00047	.00081	.0291
%RSD	.11425	.19131	.30795	.49449	.09281	.15639	.56692

#1	.49564	.51098	10.478	.50300	.50607	.51435	5.1587
#2	.49645	.50960	10.523	.50653	.50673	.51549	5.1175

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.52321	6.2339	.51283	.49575	10.355	.50939	1.0502
Stddev	.00087	.0677	.00049	.00080	.038	.00133	.0007
%RSD	.16716	1.0852	.09479	.16209	.36565	.26056	.06346

#1	.52259	6.1861	.51249	.49518	10.382	.50845	1.0506
#2	.52383	6.2818	.51318	.49632	10.329	.51033	1.0497

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.519	2.3389	2.3832	F -.00278	F 2.2281	2.2847	2.3651
Stddev	.003	.0066	.0107	.00134	.0085	.0007	.0110
%RSD	.03159	.28026	.44920	48.028	.38155	.03101	.46434

#1	10.516	2.3436	2.3908	-.00184	2.2341	2.2842	2.3729
#2	10.521	2.3343	2.3756	-.00373	2.2221	2.2852	2.3574

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	F -.00960	F -.0013	F .01185	F 1.6469	F 2.7687		
Stddev	.00214	.0016	.00008	.0088	.0494		
%RSD	22.282	124.6	.68561	.53648	1.7827		

#1	-.00809	-.0024	.01179	1.6531	2.7338		
#2	-.01112	-.0002	.01191	1.6406	2.8036		

Sample Name: ICV01 Acquired: 10/2/2018 11:30:15 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 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	3325.8	70773.	5046.3	109.52	4580.5
Stddev	9.3	34.	11.5	.17	15.0
%RSD	.28111	.04809	.22793	.15735	.32711
#1	3319.2	70797.	5038.2	109.40	4569.9
#2	3332.4	70749.	5054.5	109.64	4591.1

Sample Name: LLICV01 Acquired: 10/2/2018 11:34:04 Type: Unk
Method: P4-ICP2(v2469) 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	.01995	.04199	.00991	.01617	.04916	.10036	.10153
Stddev	.00241	.00199	.00029	.00189	.00034	.01400	.00010
%RSD	12.070	4.7483	2.9515	11.680	.69630	13.951	.10232

#1	.02165	.04058	.01012	.01751	.04892	.11026	.10160
#2	.01825	.04340	.00971	.01484	.04941	.09046	.10146

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00573	.00547	1.9494	.00931	.02946	.02017	.09185
Stddev	.00001	.00013	.0102	.00014	.00005	.00086	.00501
%RSD	.14961	2.3021	.52418	1.4539	.16311	4.2719	5.4591

#1	.00572	.00538	1.9421	.00941	.02943	.01956	.08831
#2	.00574	.00555	1.9566	.00922	.02950	.02078	.09540

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02095	2.0851	.04001	.00886	1.9273	.04082	.03945
Stddev	.00014	.0003	.00030	.00004	.0065	.00051	.00058
%RSD	.64856	.01323	.75823	.41036	.33479	1.2503	1.4709

#1	.02105	2.0849	.04022	.00884	1.9319	.04046	.03986
#2	.02086	2.0853	.03980	.00889	1.9227	.04118	.03904

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9482	.19018	.10658	F .01558	.38327	.03799	.04042
Stddev	.0276	.00003	.00097	.00142	.00173	.00054	.00026
%RSD	1.4166	.01626	.91233	9.1437	.45095	1.4290	.64122

#1	1.9677	.19015	.10726	.01457	.38205	.03760	.04024
#2	1.9287	.19020	.10589	.01658	.38449	.03837	.04061

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .02675	F .0153	.01878	F 1.2334	F 1.2129
Stddev	.00379	.0017	.00006	.0169	.2216
%RSD	14.168	10.93	.30085	1.3682	18.270

#1	.02942	.0165	.01874	1.2215	1.3696
#2	.02407	.0141	.01882	1.2454	1.0562

Sample Name: LLICV01 Acquired: 10/2/2018 11:34:04 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLICV01 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	3406.2	71584.	5040.1	115.66	4878.6
Stddev	3.8	251.	5.0	1.77	6.2
%RSD	.11282	.35026	.10018	1.5297	.12783
#1	3403.5	71406.	5036.5	114.41	4874.2
#2	3409.0	71761.	5043.7	116.92	4883.0

Sample Name: ICB01 Acquired: 10/2/2018 11:38:06 Type: Unk
Method: P4-ICP2(v2469) 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	.00163	.00047	-.00157	.00023	-.00143	-.00290	.00212
Stddev	.00056	.00022	.00056	.00237	.00220	.00861	.00086
%RSD	34.131	47.171	35.671	1014.8	153.65	296.68	40.594

#1	.00124	.00063	-.00197	.00191	.00012	.00319	.00151
#2	.00203	.00032	-.00117	-.00144	-.00299	-.00899	.00273

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.00002	.00727	-.00066	-.00012	-.00049	-.00172
Stddev	.00006	.00001	.00532	.00028	.00011	.00005	.00240
%RSD	122.23	43.291	73.165	43.127	88.389	10.174	139.19

#1	.00009	-.00001	.01104	-.00086	-.00005	-.00046	-.00342
#2	.00001	-.00002	.00351	-.00046	-.00020	-.00053	-.00003

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	.00480	.00130	-.00013	-.04862	.00039	-.00044
Stddev	.00002	.01019	.00038	.00031	.01136	.00046	.00004
%RSD	19.581	212.20	29.171	231.11	23.366	118.11	9.5817

#1	-.00010	.01201	.00103	-.00035	-.05665	.00071	-.00041
#2	-.00013	-.00240	.00157	.00008	-.04058	.00006	-.00047

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00722	-.00009	.00478	-.00587	-.00829	-.00063	.00162
Stddev	.05140	.00025	.00050	.00121	.00121	.00003	.00174
%RSD	712.34	281.36	10.531	20.692	14.631	5.1843	107.61

#1	.04356	-.00026	.00514	-.00501	-.00743	-.00066	.00285
#2	-.02913	.00009	.00443	-.00672	-.00915	-.00061	.00039

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00853	-.0025	.00000	F 1.2835	F 1.3653
Stddev	.00097	.0011	.00003	.0562	.4433
%RSD	11.413	44.92	727.60	4.3809	32.469

#1	-.00785	-.0017	.00003	1.2437	1.0519
#2	-.00922	-.0033	-.00002	1.3233	1.6788

Sample Name: ICB01 Acquired: 10/2/2018 11:38:06 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICB01 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	3409.4	72263.	5051.0	115.72	4869.8
Stddev	3.6	179.	34.5	1.94	8.0
%RSD	.10476	.24831	.68253	1.6740	.16337
#1	3406.9	72136.	5026.6	114.35	4864.2
#2	3411.9	72390.	5075.4	117.09	4875.4

Sample Name: CRI01 Acquired: 10/2/2018 11:42:10 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01907	.04226	.00934	.01856	.04870	.10475	.10009
Stddev	.00281	.00099	.00049	.00045	.00137	.00144	.00056
%RSD	14.762	2.3444	5.2280	2.3996	2.8055	1.3772	.56310

#1	.02106	.04296	.00900	.01887	.04773	.10577	.10049
#2	.01708	.04156	.00969	.01824	.04967	.10373	.09970

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00571	.00553	1.9719	.00869	.02928	.01977	.09118
Stddev	.00003	.00003	.0028	.00020	.00026	.00001	.00668
%RSD	.48728	.51257	.14387	2.3163	.87650	.02891	7.3243

#1	.00569	.00555	1.9739	.00883	.02910	.01977	.08646
#2	.00573	.00551	1.9699	.00855	.02946	.01977	.09590

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02088	2.0228	.04041	.00888	1.9468	.04060	.04122
Stddev	.00002	.0274	.00031	.00011	.0020	.00035	.00054
%RSD	.10593	1.3567	.77358	1.2180	.10220	.85224	1.3169

#1	.02086	2.0034	.04019	.00881	1.9483	.04084	.04084
#2	.02089	2.0422	.04063	.00896	1.9454	.04035	.04160

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9603	.19194	.10309	F .01104	.37767	.03767	.04108
Stddev	.0038	.00035	.00080	.00418	.00044	.00037	.00037
%RSD	.19346	.18004	.77816	37.834	.11544	.98103	.90334

#1	1.9576	.19169	.10365	.00808	.37798	.03793	.04134
#2	1.9630	.19218	.10252	.01399	.37736	.03741	.04082

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .02979	.0157	.01913	F 1.5553	F 1.5640
Stddev	.00180	.0000	.00001	.2846	.2878
%RSD	6.0499	.2894	.05017	18.299	18.402

#1	.03106	.0157	.01912	1.3541	1.3605
#2	.02851	.0156	.01914	1.7566	1.7675

Sample Name: CRI01 Acquired: 10/2/2018 11:42:10 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI01 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	3418.3	72336.	5087.1	115.05	4890.2
Stddev	1.8	39.	.9	1.51	2.2
%RSD	.05333	.05341	.01794	1.3102	.04476
#1	3419.6	72309.	5087.7	116.12	4891.7
#2	3417.0	72364.	5086.4	113.98	4888.6

Sample Name: ICSA01 Acquired: 10/2/2018 11:46:12 Type: Unk
Method: P4-ICP2(v2469) 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
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00213	.00169	-.00803	-.01743	.00288	238.72	.00658
Stddev	.00425	.00074	.00048	.00131	.00159	.20	.00110
%RSD	199.75	43.637	5.9763	7.5375	55.029	.08497	16.795

#1	-.00088	.00117	-.00837	-.01836	.00400	238.86	.00579
#2	.00513	.00221	-.00769	-.01650	.00176	238.57	.00736

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	-.00059	212.76	.04629	-.00078	.01132	83.920
Stddev	.00013	.00014	1.10	.00011	.00015	.00052	.954
%RSD	4729.6	22.931	.51804	.23456	19.912	4.6308	1.1370

#1	.00009	-.00050	211.98	.04637	-.00067	.01169	83.245
#2	-.00010	-.00069	213.54	.04621	-.00089	.01095	84.594

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00935	222.53	-.00173	-.00261	.02137	.00134	-.00097
Stddev	.00001	.85	.00017	.00019	.00999	.00055	.00002
%RSD	.12423	.38322	9.5326	7.4541	46.754	41.179	2.5578

#1	.00934	221.93	-.00185	-.00275	.01431	.00173	-.00099
#2	.00936	223.13	-.00162	-.00247	.02844	.00095	-.00095

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03345	-.00090	.00991	-.01999	.32605	.00833	.00053
Stddev	.02790	.00011	.00371	.00171	.00268	.00041	.00006
%RSD	83.413	12.238	37.414	8.5387	.82184	4.9211	11.377

#1	.01372	-.00083	.01254	-.02120	.32794	.00804	.00048
#2	.05318	-.00098	.00729	-.01879	.32415	.00862	.00057

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00175	.0121	F .08829	F .72763	F 19.523
Stddev	.00199	.0010	.00012	.14194	.097
%RSD	114.11	8.106	.13838	19.507	.49897

#1	.00316	.0128	.08837	.62727	19.454
#2	.00034	.0114	.08820	.82799	19.592

Sample Name: ICSA01 Acquired: 10/2/2018 11:46:12 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA01 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	3059.2	64274.	4902.4	105.53	3952.7
Stddev	1.0	209.	4.9	.58	2.3
%RSD	.03364	.32483	.09950	.55339	.05886
#1	3058.4	64126.	4905.8	105.94	3951.0
#2	3059.9	64421.	4898.9	105.12	3954.3

Sample Name: ICSAB01 Acquired: 10/2/2018 12:01:50 Type: Unk
Method: P4-ICP2(v2469) 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	.10002	.10081	.04253	.02721	.54377	242.86	.47591
Stddev	.00173	.00048	.00038	.00497	.01064	1.04	.00170
%RSD	1.7289	.47268	.90283	18.258	1.9559	.42932	.35820

#1	.09879	.10115	.04226	.03072	.55129	242.12	.47471
#2	.10124	.10047	.04280	.02369	.53625	243.60	.47712

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47984	.90855	216.16	.50256	.43992	.45176	85.449
Stddev	.00184	.00735	.10	.00358	.00434	.00400	.542
%RSD	.38273	.80903	.04574	.71197	.98650	.88545	.63417

#1	.47854	.91375	216.09	.50003	.44299	.45458	85.832
#2	.48114	.90335	216.23	.50509	.43685	.44893	85.066

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47281	227.45	.87464	.22970	.00995	.45777	.89771
Stddev	.00149	.15	.01010	.00023	.00087	.00011	.00353
%RSD	.31542	.06762	1.1547	.09911	8.6936	.02366	.39377

#1	.47176	227.56	.88178	.22986	.01056	.45769	.90021
#2	.47387	227.34	.86750	.22954	.00934	.45784	.89521

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00395	.00028	.01786	-.01701	-.01281	.00860	.00126
Stddev	.00687	.00009	.00653	.00143	.00079	.00059	.00014
%RSD	174.14	30.992	36.542	8.3961	6.1542	6.8522	11.328

#1	-.00091	.00022	.01324	-.01600	-.01337	.00902	.00136
#2	.00881	.00034	.02247	-.01802	-.01225	.00818	.00116

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00281	F .0081	.08924	F .66439	F 19.669
Stddev	.00008	.0028	.00002	.37797	.243
%RSD	2.7279	34.29	.01823	56.890	1.2351

#1	-.00286	.0061	.08923	.39712	19.497
#2	-.00275	.0101	.08925	.93165	19.841

Sample Name: ICSAB01 Acquired: 10/2/2018 12:01:50 Type: Unk
 Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
 Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3071.6	63971.	4865.3	104.76	3980.4
Stddev	26.3	21.	9.8	.51	35.3
%RSD	.85484	.03244	.20183	.48320	.88666
#1	3053.0	63956.	4858.3	104.40	3955.4
#2	3090.1	63985.	4872.2	105.12	4005.3

Sample Name: CCV01 Acquired: 10/2/2018 12:13:18 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0653	5.0818	5.0272	5.0796	5.1240	10.401	10.339
Stddev	.0460	.0488	.0279	.0438	.0357	.060	.027
%RSD	.90833	.95938	.55416	.86187	.69680	.58012	.26553

#1	5.0978	5.1163	5.0469	5.1105	5.1493	10.359	10.358
#2	5.0328	5.0473	5.0075	5.0486	5.0988	10.444	10.319

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25298	2.5241	25.579	.99708	2.5199	1.2797	5.0751
Stddev	.00115	.0180	.021	.00051	.0141	.0087	.0101
%RSD	.45393	.71108	.08368	.05082	.55778	.67708	.19858

#1	.25216	2.5368	25.594	.99672	2.5298	1.2858	5.0680
#2	.25379	2.5114	25.564	.99744	2.5099	1.2735	5.0822

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5695	25.450	2.5255	1.2505	25.675	2.5359	2.5519
Stddev	.0025	.022	.0154	.0008	.066	.0010	.0041
%RSD	.09578	.08594	.61079	.06800	.25680	.04097	.16125

#1	2.5677	25.466	2.5364	1.2499	25.722	2.5367	2.5490
#2	2.5712	25.435	2.5146	1.2511	25.628	2.5352	2.5548

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.185	5.1336	F 5.2662	5.0552	4.9661	5.0198	5.0755
Stddev	.036	.0339	.0212	.0552	.0178	.0379	.0121
%RSD	.13710	.66023	.40318	1.0916	.35843	.75509	.23763

#1	26.160	5.1576	5.2512	5.0942	4.9535	5.0466	5.0840
#2	26.210	5.1097	5.2812	5.0162	4.9787	4.9930	5.0669

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	F 5.3383	5.150	5.0012	F 3.1482	F 3.3305		
Stddev	.0075	.053	.0160	.2291	.1121		
%RSD	.14029	1.030	.32061	7.2762	3.3657		

#1	5.3330	5.188	5.0125	3.3101	3.4098		
#2	5.3436	5.113	4.9899	2.9862	3.2513		

Sample Name: CCV01 Acquired: 10/2/2018 12:13:18 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 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	3268.4	69043.	4986.1	108.76	4333.9
Stddev	19.4	9.	16.5	.25	27.9
%RSD	.59435	.01334	.33073	.22935	.64397
#1	3254.7	69050.	4974.5	108.93	4314.2
#2	3282.2	69037.	4997.8	108.58	4353.7

Sample Name: CCB01 Acquired: 10/2/2018 12:17:08 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00019	.00200	-.00106	.00057	-.00263	.00248	.00203
Stddev	.00242	.00028	.00021	.00048	.00163	.00013	.00036
%RSD	1291.5	14.162	20.215	84.615	61.899	5.2666	17.587

#1	-.00152	.00220	-.00121	.00023	-.00148	.00238	.00228
#2	.00190	.00180	-.00090	.00091	-.00378	.00257	.00178

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	.00004	.00418	-.00058	-.00002	-.00050	-.00278
Stddev	.00000	.00005	.00237	.00012	.00030	.00040	.00705
%RSD	9.1456	117.65	56.784	21.052	1333.3	79.328	253.65

#1	-.00006	.00008	.00585	-.00049	-.00024	-.00022	-.00777
#2	-.00005	.00001	.00250	-.00066	.00019	-.00079	.00221

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	.02765	.00132	-.00024	-.08329	.00051	-.00035
Stddev	.00002	.01656	.00012	.00011	.00610	.00003	.00004
%RSD	23.252	59.894	9.0916	44.000	7.3208	5.7620	12.564

#1	.00008	.03936	.00141	-.00017	-.08760	.00053	-.00038
#2	.00012	.01594	.00124	-.00032	-.07898	.00049	-.00032

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.02676	.00036	.01098	-.00464	-.00542	.00014	.00102
Stddev	.01543	.00013	.00432	.00028	.00062	.00019	.00040
%RSD	57.647	34.695	39.325	5.9621	11.500	136.79	38.892

#1	-.01585	.00045	.01403	-.00483	-.00586	.00000	.00130
#2	-.03767	.00027	.00792	-.00444	-.00498	.00028	.00074

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.01140	-.0014	-.00010	F 1.8596	F 1.6457
Stddev	.00233	.0000	.00003	.4626	.1969
%RSD	20.458	.8501	29.178	24.874	11.965

#1	-.00975	-.0014	-.00012	1.5325	1.5065
#2	-.01305	-.0015	-.00008	2.1866	1.7849

Sample Name: CCB01 Acquired: 10/2/2018 12:17:08 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB01 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	3443.7	70472.	5035.6	113.53	4915.2
Stddev	7.0	759.	37.0	1.06	10.8
%RSD	.20446	1.0767	.73492	.93284	.21966
#1	3438.7	71008.	5061.7	112.78	4907.5
#2	3448.7	69935.	5009.4	114.28	4922.8

Sample Name: PB113426BL Acquired: 10/2/2018 12:31:33 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00230	.00120	-.00108	-.00068	-.00009	-.00008	.00262
Stddev	.00252	.00068	.00045	.00280	.00102	.00509	.00033
%RSD	109.69	56.591	41.648	410.47	1144.4	6399.7	12.459

#1	.00408	.00072	-.00076	-.00266	.00063	-.00368	.00239
#2	.00052	.00168	-.00139	.00130	-.00081	.00352	.00286

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.00000	-.00936	-.00066	-.00007	-.00009	-.00726
Stddev	.00013	.00011	.00123	.00026	.00015	.00022	.01072
%RSD	1503.6	2521.0	13.125	39.547	228.15	238.44	147.71

#1	-.00008	-.00008	-.00849	-.00084	.00004	.00006	.00032
#2	.00010	.00008	-.01023	-.00047	-.00017	-.00025	-.01484

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	.02547	.00124	-.00041	-.07022	.00032	-.00037
Stddev	.00003	.00811	.00045	.00035	.00168	.00017	.00003
%RSD	64.368	31.833	36.054	86.318	2.3965	52.102	8.4842

#1	-.00007	.03121	.00156	-.00016	-.06903	.00020	-.00035
#2	-.00003	.01974	.00092	-.00066	-.07141	.00044	-.00039

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01431	-.00029	.01611	-.00382	-.00480	-.00052	.00187
Stddev	.01329	.00021	.00987	.00273	.00175	.00043	.00046
%RSD	92.923	71.329	61.305	71.369	36.487	83.638	24.513

#1	-.00491	-.00043	.02309	-.00575	-.00604	-.00082	.00220
#2	-.02371	-.00014	.00912	-.00189	-.00356	-.00021	.00155

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	F -.01095	-.0028	.00008	F 1.6205	F 1.2271		
Stddev	.00564	.0002	.00001	.1209	.1971		
%RSD	51.525	6.411	14.438	7.4595	16.064		

#1	-.00696	-.0029	.00009	1.5350	1.0877		
#2	-.01494	-.0027	.00007	1.7060	1.3664		

Sample Name: PB113426BL Acquired: 10/2/2018 12:31:33 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3443.1	72473.	5019.4	115.75	4919.6
Stddev	6.2	52.	8.3	4.50	9.2
%RSD	.18069	.07151	.16476	3.8881	.18603
#1	3438.7	72436.	5013.5	112.56	4913.1
#2	3447.5	72509.	5025.2	118.93	4926.1

Sample Name: PB113426TB Acquired: 10/2/2018 12:39:30 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB113426TB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00033	.00026	-.00144	-.00094	-.00169	.00421	.00107
Stddev	.00044	.00090	.00014	.00084	.00101	.00960	.00046
%RSD	135.32	350.11	9.7005	89.297	59.554	228.08	42.703

#1	-.00001	-.00038	-.00134	-.00154	-.00240	.01100	.00075
#2	-.00064	.00090	-.00154	-.00035	-.00098	-.00258	.00140

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	.00001	-.00158	-.00041	-.00021	.00026	-.00537
Stddev	.00010	.00001	.01166	.00035	.00011	.00037	.00256
%RSD	120.72	40.595	737.72	84.912	54.398	141.12	47.739

#1	-.00001	.00002	-.00982	-.00016	-.00013	.00053	-.00718
#2	-.00015	.00001	.00666	-.00066	-.00029	.00000	-.00356

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	.01112	.00180	.00021	F 268.42	.00054	.00230
Stddev	.00002	.05550	.00031	.00004	.35	.00039	.00001
%RSD	12.309	498.97	17.475	17.771	.12955	72.705	.30144

#1	.00014	.05037	.00202	.00018	268.17	.00026	.00231
#2	.00012	-.02812	.00157	.00023	268.66	.00082	.00230

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01044	.00014	.00922	-.00434	-.00155	.00102	.00362
Stddev	.05033	.00006	.01902	.00036	.00326	.00045	.00198
%RSD	481.89	44.951	206.22	8.3923	210.62	44.251	54.680

#1	-.02514	.00018	-.00423	-.00409	-.00385	.00070	.00222
#2	.04603	.00010	.02267	-.00460	.00076	.00134	.00503

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.01433	-.0033	-.00002	F 2.5499	F 2.4141
Stddev	.00180	.0010	.00002	.0864	.2021
%RSD	12.540	31.52	97.244	3.3902	8.3697

#1	-.01560	-.0041	-.00001	2.6110	2.2713
#2	-.01306	-.0026	-.00003	2.4887	2.5570

Sample Name: PB113426TB Acquired: 10/2/2018 12:39:30 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB113426TB 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	3249.5	67833.	5006.5	111.76	4332.3
Stddev	1.6	8.	16.9	.29	1.4
%RSD	.04777	.01227	.33666	.25597	.03233
#1	3250.6	67839.	5018.4	111.96	4333.3
#2	3248.4	67828.	4994.6	111.55	4331.3

Sample Name: J5188-08 Acquired: 10/2/2018 12:43:41 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NS-092818 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00681	-.00273	.09319	-.00068	-.14869	-.01113	.01721
Stddev	.00110	.00026	.00160	.00035	.00278	.00367	.00009
%RSD	16.159	9.6296	1.7220	50.858	1.8721	33.010	.50520

#1	.00603	-.00292	.09206	-.00093	-.15066	-.00853	.01727
#2	.00759	-.00255	.09433	-.00044	-.14672	-.01373	.01715

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00124	-.05983	45.896	1.6383	.10875	55.315	-.11785
Stddev	.00008	.00044	.194	.0014	.00015	.010	.00872
%RSD	6.0926	.73765	.42248	.08625	.13581	.01777	7.4009

#1	-.00130	-.06015	46.033	1.6393	.10885	55.322	-.12402
#2	-.00119	-.05952	45.759	1.6373	.10864	55.308	-.11168

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24029	1.0674	F 299.45	.00060	417.57	.00364	1.7526
Stddev	.00018	.0196	.17	.00003	3.37	.00028	.0702
%RSD	.07505	1.8404	.05573	5.0278	.80663	7.5816	4.0063

#1	.24042	1.0535	299.33	.00063	419.95	.00345	1.8023
#2	.24017	1.0813	299.56	.00058	415.19	.00384	1.7030

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	105.45	.00036	13.191	157.62	.31983	-.06547	-.02777
Stddev	.03	.00025	.057	.39	.00255	.00045	.00034
%RSD	.03278	68.870	.43161	.24528	.79608	.69351	1.2067

#1	105.48	.00053	13.151	157.90	.31803	-.06579	-.02754
#2	105.43	.00018	13.232	157.35	.32163	-.06515	-.02801

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00201	.8133	.22118	5.3438	3.7240
Stddev	.00462	.0039	.00118	.5334	.1295
%RSD	230.26	.4763	.53524	9.9821	3.4763

#1	-.00527	.8106	.22202	5.7210	3.6324
#2	.00126	.8160	.22035	4.9666	3.8155

Sample Name: J5188-08 Acquired: 10/2/2018 12:43:41 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NS-092818 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	2998.5	64585.	4889.6	104.32	3963.2
Stddev	2.3	318.	21.0	1.81	2.6
%RSD	.07569	.49293	.42938	1.7358	.06543
#1	3000.1	64360.	4874.7	103.04	3961.3
#2	2996.9	64810.	4904.4	105.60	3965.0

Sample Name: J5191-04 Acquired: 10/2/2018 12:47:49 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 155-CLAY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	-.00178	.00444	.00144	-.00157	.06739	.11054	.00002
Stddev	.00059	.00121	.00099	.00143	.00061	.00357	.00040	.00003
%RSD	964.07	67.722	22.284	99.261	38.695	5.2956	.36320	141.91

#1	-.00036	-.00264	.00514	.00244	-.00114	.06991	.11082	-.00000
#2	.00048	-.00093	.00374	.00043	-.00200	.06486	.11026	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	17.762	-.00026	.00009	.00510	.01636	.23485	3.3143
Stddev	.00007	.019	.00024	.00000	.00002	.00304	.00022	.0323
%RSD	1795.5	.10491	91.856	1.5663	.34395	18.550	.09341	.97408

#1	-.00005	17.775	-.00009	.00009	.00511	.01851	.23470	3.2915
#2	.00006	17.749	-.00044	.00010	.00509	.01422	.23501	3.3371

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00448	-.00076	270.82	-.00012	.03826	1.6356	-.00001	.03434
Stddev	.00032	.00009	2.27	.00086	.00032	.0168	.00016	.00673
%RSD	7.2139	11.245	.83927	685.26	.83181	1.0255	1122.1	19.604

#1	.00471	-.00082	272.43	-.00073	.03804	1.6475	-.00013	.02958
#2	.00426	-.00070	269.22	.00048	.03849	1.6238	.00010	.03910

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09220	.83415	.00076	.00058	.00799	.0101	.13583	2.8536
Stddev	.00120	.00339	.00012	.00053	.00447	.0003	.00045	.1624
%RSD	1.2992	.40698	16.527	90.799	55.969	3.461	.33128	5.6908

#1	.09305	.83655	.00067	.00096	.01115	.0098	.13615	2.7387
#2	.09135	.83175	.00084	.00021	.00482	.0103	.13551	2.9684

Elem	U_3859
Units	ppm
Avg	2.4531
Stddev	.1298
%RSD	5.2918

#1	2.3613
#2	2.5449

Sample Name: J5191-04 Acquired: 10/2/2018 12:47:49 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 155-CLAY 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	3252.9	67889.	5020.1	112.22	4327.6
Stddev	10.7	52.	42.3	1.12	3.7
%RSD	.32904	.07655	.84167	.99480	.08515
#1	3245.3	67852.	4990.3	113.01	4330.2
#2	3260.4	67926.	5050.0	111.43	4325.0

Sample Name: J5191-08 Acquired: 10/2/2018 12:51:55 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 344-OILY-STO Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00116	-.00066	-.00095	.00001	-.00103	.14152	.03646	-.00002
Stddev	.00065	.00051	.00011	.00084	.00049	.00076	.00023	.00004
%RSD	56.511	77.206	11.622	9778.0	47.518	.53797	.62443	192.52

#1	-.00162	-.00102	-.00102	.00060	-.00068	.14098	.03630	-.00005
#2	-.00070	-.00030	-.00087	-.00059	-.00138	.14206	.03662	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	2.5735	.00003	.00063	.00238	.21884	.03046	.08335
Stddev	.00003	.0071	.00026	.00003	.00039	.01637	.00010	.01885
%RSD	45.966	.27453	987.99	4.6934	16.266	7.4800	.31654	22.612

#1	-.00005	2.5685	-.00016	.00065	.00265	.23042	.03040	.09667
#2	-.00010	2.5785	.00021	.00061	.00210	.20727	.03053	.07002

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00300	-.00084	245.12	.00019	.02096	.55195	-.00019	.01958
Stddev	.00029	.00016	.67	.00027	.00033	.05152	.00006	.00126
%RSD	9.6024	18.772	.27223	139.43	1.5922	9.3346	33.224	6.4465

#1	.00321	-.00095	245.60	.00038	.02120	.58838	-.00014	.02047
#2	.00280	-.00073	244.65	.00000	.02073	.51552	-.00023	.01869

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03707	.28738	.00036	.00444	-.00597	-.0009	.00340	2.2813
Stddev	.00128	.00483	.00004	.00097	.00286	.0013	.00002	.1163
%RSD	3.4456	1.6811	11.242	21.883	47.918	141.1	.52755	5.0958

#1	.03616	.29080	.00033	.00376	-.00395	-.0000	.00342	2.1991
#2	.03797	.28397	.00039	.00513	-.00800	-.0018	.00339	2.3635

Elem	U_3859
Units	ppm
Avg	2.3123
Stddev	.2001
%RSD	8.6559

#1	2.4539
#2	2.1708

Sample Name: J5191-08 Acquired: 10/2/2018 12:51:55 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 344-OILY-STO 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	3276.0	68151.	5023.1	111.40	4371.6
Stddev	9.5	35.	15.6	2.47	6.7
%RSD	.29118	.05182	.30963	2.2158	.15277
#1	3269.2	68176.	5012.1	109.66	4366.9
#2	3282.7	68126.	5034.1	113.15	4376.3

Sample Name: PB113419BL Acquired: 10/2/2018 12:56:03 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.00117	-.00238	-.00032	-.00155	.00245	.00182
Stddev	.00159	.00151	.00051	.00016	.00081	.00137	.00062
%RSD	13521.	128.75	21.320	51.144	51.958	55.957	33.965

#1	.00112	.00011	-.00202	-.00020	-.00212	.00148	.00226
#2	-.00114	.00224	-.00273	-.00043	-.00098	.00341	.00139

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00003	.00383	-.00092	-.00010	-.00056	.00379
Stddev	.00005	.00008	.00403	.00051	.00014	.00005	.00627
%RSD	121.11	297.53	105.17	55.643	137.47	8.4652	165.54

#1	.00001	.00008	.00668	-.00128	-.00000	-.00052	-.00065
#2	.00008	-.00003	.00098	-.00056	-.00020	-.00059	.00822

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	-.00500	.00172	-.00026	.02014	.00059	-.00046
Stddev	.00002	.02390	.00007	.00027	.00125	.00015	.00009
%RSD	16.343	477.61	4.1357	101.96	6.1978	26.021	20.561

#1	-.00011	.01189	.00177	-.00046	.02102	.00070	-.00052
#2	-.00014	-.02190	.00167	-.00007	.01926	.00048	-.00039

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00484	-.00022	.00780	-.00047	-.00869	-.00086	.00281
Stddev	.04015	.00012	.00499	.00118	.00062	.00005	.00006
%RSD	830.28	53.163	63.993	251.61	7.1469	5.8151	2.1512

#1	-.03323	-.00030	.01133	-.00131	-.00913	-.00083	.00285
#2	.02356	-.00014	.00427	.00037	-.00825	-.00090	.00277

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	F -.01360	-.0044	.00004	F .97419	F 1.6222		
Stddev	.00109	.0009	.00005	.24033	.2759		
%RSD	8.0149	20.04	122.29	24.669	17.009		

#1	-.01437	-.0038	.00001	.80426	1.8173		
#2	-.01283	-.0051	.00007	1.1441	1.4271		

Sample Name: PB113419BL Acquired: 10/2/2018 12:56:03 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3475.3	73155.	5093.4	115.08	4959.4
Stddev	2.9	178.	23.2	.06	.1
%RSD	.08460	.24286	.45479	.04981	.00122
#1	3477.3	73029.	5077.0	115.12	4959.3
#2	3473.2	73281.	5109.8	115.04	4959.4

Sample Name: PB113419BS Acquired: 10/2/2018 13:00:05 Type: Unk
Method: P4-ICP2(v2469) 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	.69465	1.8097	.87445	1.7402	.69015	1.7866	.19030
Stddev	.00144	.0065	.00377	.0009	.00078	.0491	.00052
%RSD	.20690	.35705	.43111	.05402	.11261	2.7479	.27216

#1	.69566	1.8051	.87712	1.7408	.69070	1.7519	.18994
#2	.69363	1.8143	.87178	1.7395	.68960	1.8213	.19067

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .16957	.17311	.96920	.35097	.17393	.27808	2.6258
Stddev	.00780	.00056	.02064	.01545	.00093	.00041	.0113
%RSD	4.6003	.32583	2.1297	4.4021	.53187	.14599	.42882

#1	.16406	.17350	.95461	.34004	.17459	.27837	2.6178
#2	.17509	.17271	.98380	.36189	.17328	.27779	2.6338

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18492	1.8681	.43660	F .06095	2.7946	.26583	.17779
Stddev	.00829	.0067	.00219	.00094	.0197	.01167	.00137
%RSD	4.4849	.36036	.50229	1.5391	.70486	4.3914	.77054

#1	.17905	1.8729	.43815	.06029	2.7807	.25757	.17682
#2	.19078	1.8634	.43505	.06162	2.8085	.27408	.17875

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.4527	.36537	.28383	F -.00768	.80122	F .59300	.18604
Stddev	.0202	.00223	.00353	.00169	.01099	.00223	.00078
%RSD	.21325	.61122	1.2451	22.022	1.3713	.37585	.41804

#1	9.4384	.36695	.28633	-.00648	.79345	.59458	.18549
#2	9.4669	.36379	.28133	-.00887	.80899	.59143	.18659

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	F .36018	F 4.839	F .17894	.91670	F 1.7275		
Stddev	.00259	.018	.00237	.90430	.2604		
%RSD	.71772	.3610	1.3240	98.648	15.076		

#1	.36201	4.851	.17726	.27726	1.5433		
#2	.35835	4.827	.18061	1.5561	1.9117		

Sample Name: PB113419BS Acquired: 10/2/2018 13:00:05 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3456.3	74083.	5103.4	117.34	4872.9
Stddev	1.3	2821.	47.4	1.16	3.6
%RSD	.03790	3.8083	.92787	.98483	.07292
#1	3455.4	76078.	5136.9	118.16	4870.4
#2	3457.2	72088.	5069.9	116.52	4875.4

Sample Name: J5166-01 Acquired: 10/2/2018 13:03:54 Type: Unk
Method: P4-ICP2(v2469) 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	.00314	.00055	.03141	-.00231	-.00122	2.1597	.09579	.00007
Stddev	.00186	.00031	.00004	.00171	.00096	.0141	.00102	.00001
%RSD	59.094	56.899	.12775	74.069	78.429	.65033	1.0609	7.9498

#1	.00183	.00077	.03138	-.00110	-.00190	2.1497	.09651	.00007
#2	.00446	.00033	.03144	-.00352	-.00054	2.1696	.09508	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00034	70.506	.00521	.00297	.03440	22.360	.45906	6.7623
Stddev	.00016	.387	.00017	.00018	.00052	.267	.00042	.0362
%RSD	47.555	.54874	3.2372	6.1903	1.5192	1.1936	.09050	.53550

#1	-.00023	70.780	.00533	.00310	.03477	22.172	.45936	6.7879
#2	-.00046	70.233	.00509	.00284	.03403	22.549	.45877	6.7367

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00921	-.00045	24.878	.00783	.72820	7.8935	.00142	.08443
Stddev	.00020	.00057	.202	.00034	.00819	.0333	.00038	.00202
%RSD	2.2206	127.73	.81175	4.2937	1.1250	.42207	26.523	2.3918

#1	.00906	-.00085	25.021	.00807	.72241	7.9171	.00115	.08586
#2	.00935	-.00004	24.735	.00760	.73400	7.8700	.00169	.08300

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4783	8.8908	.00146	.08288	.01582	1.226	.23255	1.9642
Stddev	.0141	.1184	.00014	.00108	.00229	.011	.00252	.1381
%RSD	.56902	1.3317	9.3994	1.3033	14.463	.9195	1.0843	7.0324

#1	2.4683	8.9745	.00136	.08365	.01744	1.218	.23433	2.0619
#2	2.4882	8.8070	.00155	.08212	.01420	1.234	.23077	1.8665

Elem	U_3859
Units	ppm
Avg	9.0188
Stddev	.0296
%RSD	.32768

#1	8.9979
#2	9.0397

Sample Name: J5166-01 Acquired: 10/2/2018 13:03:54 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3368.6	71186.	5205.3	116.63	4628.3
Stddev	4.2	219.	35.1	1.30	7.0
%RSD	.12602	.30774	.67388	1.1166	.15069
#1	3371.7	71341.	5180.5	117.56	4633.2
#2	3365.6	71031.	5230.1	115.71	4623.3

Sample Name: J5166-01DUP Acquired: 10/2/2018 13:07:52 Type: Unk
Method: P4-ICP2(v2469) 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	.00290	.00073	.03211	-.00226	-.00131	2.1303	.09447	.00016
Stddev	.00154	.00109	.00081	.00191	.00066	.0018	.00052	.00000
%RSD	53.273	148.86	2.5266	84.598	50.233	.08659	.55222	.62332

#1	.00399	-.00004	.03268	-.00360	-.00178	2.1290	.09410	.00016
#2	.00181	.00150	.03154	-.00091	-.00085	2.1316	.09484	.00016

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00031	70.506	.00532	.00287	.03453	22.671	.45851	6.6669
Stddev	.00001	.014	.00016	.00010	.00001	.043	.00083	.0762
%RSD	2.9579	.01914	3.0119	3.4496	.02318	.19117	.18031	1.1433

#1	-.00032	70.497	.00543	.00294	.03453	22.701	.45793	6.7208
#2	-.00031	70.516	.00520	.00280	.03452	22.640	.45910	6.6130

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00909	-.00055	24.873	.00761	.73214	7.8598	.00170	.07946
Stddev	.00046	.00022	.002	.00017	.00079	.0006	.00017	.01086
%RSD	5.0759	40.701	.00654	2.2806	.10831	.00705	10.008	13.672

#1	.00877	-.00039	24.874	.00748	.73270	7.8602	.00182	.08714
#2	.00942	-.00071	24.872	.00773	.73158	7.8594	.00158	.07178

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4625	8.8502	.00102	.08654	.01802	1.227	.23264	1.8170
Stddev	.0030	.0315	.00022	.00400	.00086	.002	.00025	.1076
%RSD	.12127	.35600	21.448	4.6272	4.7959	.1235	.10669	5.9214

#1	2.4646	8.8725	.00117	.08370	.01740	1.226	.23247	1.8930
#2	2.4604	8.8279	.00086	.08937	.01863	1.228	.23282	1.7409

Elem	U_3859
Units	ppm
Avg	8.9959
Stddev	.3155
%RSD	3.5066

#1	8.7729
#2	9.2190

Sample Name: J5166-01DUP Acquired: 10/2/2018 13:07:52 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3352.8	71196.	5222.1	115.62	4616.8
Stddev	3.8	260.	14.8	.19	2.3
%RSD	.11374	.36457	.28372	.16597	.04956
#1	3355.5	71379.	5211.6	115.48	4618.4
#2	3350.1	71012.	5232.5	115.75	4615.1

Sample Name: CCV02 Acquired: 10/2/2018 13:11:49 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV13932 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9399	4.9740	4.9004	4.9423	5.0147	10.371	10.170
Stddev	.0035	.0089	.0047	.0052	.0054	.045	.001
%RSD	.07072	.17888	.09533	.10555	.10686	.43530	.00625

#1	4.9424	4.9803	4.8971	4.9386	5.0185	10.339	10.169
#2	4.9375	4.9677	4.9037	4.9460	5.0109	10.402	10.170

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24956	2.4656	25.070	.97793	2.4649	1.2544	5.0091
Stddev	.00100	.0015	.117	.00157	.0013	.0006	.0861
%RSD	.39987	.06064	.46490	.16098	.05063	.04695	1.7192

#1	.24885	2.4646	24.988	.97682	2.4658	1.2548	4.9482
#2	.25026	2.4667	25.153	.97904	2.4640	1.2540	5.0699

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5299	24.958	2.4657	1.2329	25.128	2.4999	2.5166
Stddev	.0029	.053	.0001	.0018	.096	.0002	.0566
%RSD	.11497	.21080	.00582	.14801	.38066	.00896	2.2471

#1	2.5279	24.995	2.4658	1.2316	25.061	2.4997	2.4766
#2	2.5320	24.921	2.4656	1.2342	25.196	2.5000	2.5566

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.665	5.0321	5.1474	4.9324	4.8055	4.8996	4.9931
Stddev	.076	.0035	.0091	.0020	.0081	.0049	.0113
%RSD	.29568	.06922	.17759	.04020	.16881	.09917	.22596

#1	25.611	5.0296	5.1409	4.9338	4.8113	4.8961	4.9851
#2	25.718	5.0345	5.1539	4.9310	4.7998	4.9030	5.0011

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	5.2485	5.065	4.9682	F 2.9017	F 3.0829
Stddev	.0140	.022	.0173	.1941	.3346
%RSD	.26591	.4389	.34751	6.6901	10.853

#1	5.2386	5.049	4.9560	3.0389	2.8464
#2	5.2583	5.081	4.9805	2.7644	3.3195

Sample Name: CCV02 Acquired: 10/2/2018 13:11:49 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV13932 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	3309.5	69364.	5072.3	109.14	4389.2
Stddev	5.2	45.	2.5	2.20	8.4
%RSD	.15834	.06430	.04924	2.0185	.19063
#1	3305.8	69396.	5070.5	110.69	4383.3
#2	3313.2	69333.	5074.0	107.58	4395.2

Sample Name: CCB02 Acquired: 10/2/2018 13:15:39 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB13932 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00141	.00187	-.00095	-.00050	-.00109	.00299	.00229
Stddev	.00106	.00129	.00057	.00181	.00098	.00317	.00062
%RSD	74.977	69.075	60.109	358.92	89.928	105.98	27.265

#1	.00216	.00096	-.00136	.00078	-.00178	.00524	.00273
#2	.00066	.00278	-.00055	-.00179	-.00040	.00075	.00185

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	.00001	-.00551	-.00076	.00016	-.00024	-.00124
Stddev	.00001	.00001	.00517	.00055	.00002	.00011	.00661
%RSD	44.786	69.149	93.838	72.689	13.392	46.686	533.25

#1	-.00004	.00001	-.00185	-.00037	.00015	-.00016	-.00591
#2	-.00002	.00002	-.00917	-.00115	.00018	-.00031	.00343

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	-.01288	.00126	-.00008	-.06941	.00045	-.00020
Stddev	.00005	.01860	.00003	.00083	.01887	.00025	.00010
%RSD	106.33	144.46	2.5338	974.08	27.191	55.394	48.583

#1	-.00001	.00028	.00124	.00050	-.05606	.00027	-.00013
#2	-.00009	-.02603	.00129	-.00067	-.08275	.00062	-.00028

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03569	.00036	.02297	-.00222	-.00567	-.00053	.00113
Stddev	.00757	.00040	.00377	.00027	.00111	.00069	.00121
%RSD	21.207	111.61	16.415	12.076	19.603	130.10	106.96

#1	.04104	.00064	.02030	-.00241	-.00645	-.00004	.00198
#2	.03034	.00008	.02563	-.00203	-.00488	-.00102	.00027

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	F -.01078	-.0022	.00013	F 1.1880	F 1.8542		
Stddev	.00187	.0013	.00001	.3055	.0050		
%RSD	17.302	59.41	8.2395	25.714	.27044		

#1	-.00946	-.0013	.00012	1.4040	1.8507		
#2	-.01210	-.0031	.00014	.97199	1.8578		

Sample Name: CCB02 Acquired: 10/2/2018 13:15:39 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB13932 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	3482.8	72748.	5057.7	114.35	4965.5
Stddev	14.1	301.	9.6	1.39	12.2
%RSD	.40576	.41319	.18899	1.2114	.24657
#1	3472.9	72536.	5064.5	113.37	4956.9
#2	3492.8	72961.	5051.0	115.33	4974.2

Sample Name: J5166-01LX5 Acquired: 10/2/2018 13:19:44 Type: Unk
Method: P4-ICP2(v2469) 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	.00200	-.00038	.00490	-.00074	-.00200	.43061	.02093	.00006
Stddev	.00045	.00052	.00037	.00299	.00124	.03323	.00069	.00003
%RSD	22.555	138.33	7.6438	404.25	62.033	7.7178	3.3129	45.041

#1	.00168	-.00075	.00463	.00138	-.00112	.40711	.02044	.00004
#2	.00232	-.00001	.00516	-.00285	-.00288	.45411	.02142	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	14.443	.00358	.00057	.00645	4.6023	.09381	1.3592
Stddev	.00007	.041	.00033	.00008	.00058	.1022	.00379	.0278
%RSD	96.063	.28079	9.2939	14.560	9.0234	2.2204	4.0441	2.0433

#1	-.00002	14.415	.00335	.00063	.00687	4.5301	.09112	1.3789
#2	-.00011	14.472	.00382	.00051	.00604	4.6746	.09649	1.3396

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00363	-.00115	5.1295	.00152	.15109	1.6275	.00054	.02352
Stddev	.00019	.00009	.0306	.00057	.00456	.0079	.00018	.00715
%RSD	5.3180	8.1907	.59722	37.834	3.0184	.48568	34.202	30.405

#1	.00349	-.00122	5.1078	.00111	.14787	1.6331	.00067	.02857
#2	.00376	-.00108	5.1512	.00192	.15432	1.6219	.00041	.01846

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49301	1.7988	.00012	.01764	-.00335	.2352	.04712	1.1129
Stddev	.00035	.0267	.00072	.00146	.00158	.0034	.00018	.2876
%RSD	.07032	1.4813	611.76	8.2734	47.275	1.456	.38213	25.846

#1	.49276	1.7799	.00063	.01867	-.00446	.2376	.04699	.90948
#2	.49325	1.8176	-.00039	.01661	-.00223	.2328	.04725	1.3163

Elem	U_3859
Units	ppm
Avg	3.1296
Stddev	.2768
%RSD	8.8448

#1	3.3254
#2	2.9339

Sample Name: J5166-01LX5 Acquired: 10/2/2018 13:19:44 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3459.9	74006.	5214.8	116.71	4844.4
Stddev	3.3	2807.	29.9	3.20	11.3
%RSD	.09395	3.7923	.57282	2.7447	.23421
#1	3457.6	75991.	5235.9	118.98	4836.4
#2	3462.2	72022.	5193.7	114.45	4852.5

Sample Name: J5166-01MS Acquired: 10/2/2018 13:23:44 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.72913	1.8204	.90762	1.8298	.71252	3.9926	.27968	.18261	.17557
Stddev	.00477	.0059	.00076	.0101	.00202	.0155	.00037	.00012	.00003
%RSD	.65464	.32616	.08419	.55215	.28318	.38729	.13223	.06411	.01526

#1	.73250	1.8246	.90816	1.8369	.71395	4.0035	.27994	.18253	.17555
#2	.72575	1.8162	.90708	1.8226	.71109	3.9816	.27942	.18269	.17559

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	70.219	.36211	.17777	.31051	24.579	.63107	8.4503	.44460	.06212
Stddev	.769	.00139	.00024	.00067	.198	.00004	.0421	.00204	.00068
%RSD	1.0949	.38412	.13241	.21676	.80724	.00706	.49783	.45871	1.0888

#1	69.675	.36113	.17794	.31098	24.719	.63103	8.4801	.44604	.06260
#2	70.762	.36309	.17760	.31003	24.438	.63110	8.4206	.44316	.06164

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.067	.28074	.87562	16.977	.36950	.35321	2.4037	9.4569	.61015
Stddev	.307	.00011	.00186	.097	.00128	.01619	.0064	.0829	.00250
%RSD	1.1329	.04086	.21267	.57070	.34696	4.5842	.26546	.87660	.41046

#1	26.851	.28082	.87694	16.909	.37041	.36466	2.4082	9.3983	.60838
#2	27.284	.28066	.87431	17.046	.36860	.34176	2.3992	9.5155	.61192

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.26142	.36925	6.519	.40187	1.8432	9.4547			
Stddev	.00099	.00090	.011	.00481	.2330	.2168			
%RSD	.38010	.24354	.1711	1.1976	12.641	2.2930			

#1	.26072	.36988	6.527	.39847	2.0080	9.6080			
#2	.26212	.36861	6.511	.40528	1.6784	9.3014			

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306				
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S				
Avg	3362.0	71131.	5203.6	117.48	4597.9				
Stddev	.9	202.	32.9	.00	.1				
%RSD	.02789	.28354	.63291	.00139	.00315				

#1	3361.3	70988.	5226.9	117.48	4598.0				
#2	3362.6	71273.	5180.4	117.48	4597.8				

Sample Name: J5166-01MSD Acquired: 10/2/2018 13:27:32 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.72947	1.8137	.90678	1.8237	.71082	3.9519	.27829	.18190	.17514
Stddev	.00187	.0016	.00247	.0082	.00621	.0242	.00126	.00004	.00034
%RSD	.25652	.08987	.27211	.45014	.87407	.61159	.45107	.02316	.19295

#1	.72814	1.8149	.90852	1.8179	.71521	3.9348	.27917	.18193	.17538
#2	.73079	1.8126	.90503	1.8295	.70643	3.9690	.27740	.18187	.17491

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	69.869	.36054	.17733	.30897	24.625	.62934	8.3784	.44319	.06183
Stddev	.280	.00242	.00050	.00046	.162	.00071	.0929	.00071	.00036
%RSD	.40036	.67190	.28297	.14940	.65808	.11204	1.1093	.15966	.58277

#1	70.067	.36226	.17769	.30930	24.740	.62984	8.4441	.44369	.06208
#2	69.672	.35883	.17698	.30865	24.511	.62884	8.3127	.44269	.06157

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.837	.28068	.87559	16.862	.36670	.35794	2.3962	9.3891	.60637
Stddev	.210	.00133	.00683	.055	.00134	.00686	.0040	.0950	.00243
%RSD	.78285	.47452	.78003	.32639	.36464	1.9173	.16488	1.0117	.40108

#1	26.986	.28162	.88042	16.901	.36765	.36279	2.3990	9.4563	.60809
#2	26.689	.27974	.87076	16.823	.36576	.35308	2.3934	9.3220	.60465

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.26062	.36619	6.488	.40032	1.8374	9.4498			
Stddev	.00130	.00125	.016	.00219	.2504	.2961			
%RSD	.49741	.34216	.2452	.54827	13.630	3.1333			

#1	.26153	.36708	6.500	.40187	2.0145	9.6592			
#2	.25970	.36531	6.477	.39877	1.6603	9.2404			

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306				
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S				
Avg	3369.0	71051.	5230.9	117.19	4603.6				
Stddev	2.3	46.	20.7	1.04	12.4				
%RSD	.06778	.06472	.39576	.88358	.26922				

#1	3367.4	71084.	5216.2	116.46	4594.9				
#2	3370.6	71018.	5245.5	117.93	4612.4				

Sample Name: J5166-01A Acquired: 10/2/2018 13:31:19 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.73047	1.8133	.90890	1.8243	.71260	3.9343	.27920	.18214	.17586
Stddev	.00431	.0037	.00174	.0006	.00077	.0106	.00044	.00002	.00049
%RSD	.58996	.20282	.19192	.03397	.10782	.26946	.15813	.01010	.27994

#1	.72742	1.8107	.91013	1.8239	.71206	3.9268	.27952	.18216	.17621
#2	.73352	1.8159	.90766	1.8248	.71314	3.9418	.27889	.18213	.17551

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	70.526	.36169	.17756	.30947	24.926	.63049	8.3760	.44376	.06260
Stddev	.054	.00075	.00002	.00088	.401	.00119	.0035	.00020	.00054
%RSD	.07675	.20754	.01273	.28548	1.6093	.18863	.04153	.04591	.86912

#1	70.564	.36222	.17754	.30885	24.643	.63133	8.3785	.44390	.06221
#2	70.488	.36116	.17758	.31009	25.210	.62965	8.3735	.44361	.06298

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.017	.28174	.89117	17.000	.36812	.35315	2.3972	9.4896	.60953
Stddev	.034	.00233	.01169	.003	.00065	.00332	.0083	.0086	.00250
%RSD	.12585	.82762	1.3112	.01766	.17755	.94147	.34835	.09096	.41032

#1	27.041	.28338	.88290	16.998	.36766	.35080	2.4031	9.4957	.61130
#2	26.993	.28009	.89943	17.002	.36858	.35550	2.3913	9.4835	.60777

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.26008	.36643	6.521	.40246	1.9325	9.6058			
Stddev	.00359	.00101	.002	.00006	.2647	.5281			
%RSD	1.3796	.27597	.0237	.01560	13.697	5.4977			

#1	.25754	.36714	6.522	.40242	2.1196	9.2323			
#2	.26262	.36571	6.520	.40251	1.7453	9.9792			

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306				
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S				
Avg	3367.3	70979.	5175.4	115.11	4599.8				
Stddev	2.2	242.	22.9	1.33	5.5				
%RSD	.06551	.34157	.44199	1.1527	.12052				

#1	3365.7	70808.	5159.2	116.05	4595.9				
#2	3368.9	71151.	5191.6	114.17	4603.7				

Sample Name: J5166-02 Acquired: 10/2/2018 13:35:07 Type: Unk
Method: P4-ICP2(v2469) 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	.00195	.00166	.02960	-.00244	.00040	2.1920	.09881	.00007
Stddev	.00100	.00078	.00018	.00116	.00151	.0041	.00042	.00014
%RSD	51.613	47.081	.62493	47.650	377.67	.18640	.42115	219.50

#1	.00266	.00222	.02973	-.00162	.00147	2.1948	.09911	-.00004
#2	.00124	.00111	.02947	-.00326	-.00067	2.1891	.09852	.00017

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00037	71.516	.00527	.00292	.03449	23.149	.47997	6.8857
Stddev	.00001	.055	.00003	.00005	.00023	.297	.00062	.0715
%RSD	3.6401	.07680	.56892	1.7438	.67018	1.2831	.12855	1.0387

#1	-.00038	71.477	.00525	.00289	.03465	22.939	.47954	6.9363
#2	-.00036	71.555	.00529	.00296	.03432	23.359	.48041	6.8352

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00931	-.00031	24.574	.00808	.92455	7.9953	.00172	.07783
Stddev	.00016	.00038	.028	.00027	.01215	.0329	.00022	.00440
%RSD	1.7246	125.23	.11469	3.2931	1.3146	.41164	12.561	5.6592

#1	.00943	-.00004	24.554	.00790	.91595	7.9720	.00187	.07472
#2	.00920	-.00058	24.594	.00827	.93314	8.0186	.00157	.08095

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.8604	8.7772	.00107	.08088	.01584	1.261	.23544	1.8973
Stddev	.0054	.0129	.00006	.00158	.00187	.003	.00027	.0216
%RSD	.28908	.14668	5.8394	1.9524	11.830	.1973	.11374	1.1372

#1	1.8566	8.7681	.00112	.07976	.01451	1.263	.23525	1.9126
#2	1.8642	8.7863	.00103	.08199	.01716	1.259	.23563	1.8820

Elem	U_3859
Units	ppm
Avg	9.1217
Stddev	.2677
%RSD	2.9351

#1	8.9324
#2	9.3110

Sample Name: J5166-02 Acquired: 10/2/2018 13:35:07 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3358.0	70840.	5238.2	115.93	4612.7
Stddev	6.3	74.	.8	1.45	4.7
%RSD	.18676	.10503	.01556	1.2536	.10184
#1	3353.6	70893.	5238.8	116.96	4609.4
#2	3362.4	70788.	5237.6	114.90	4616.1

Sample Name: J5167-01 Acquired: 10/2/2018 13:39:05 Type: Unk
Method: P4-ICP2(v2469) 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	.00246	-.00061	.03568	.00053	-.00080	2.5315	.09485	.00007
Stddev	.00167	.00083	.00055	.00057	.00044	.0100	.00025	.00006
%RSD	67.979	135.15	1.5408	107.34	55.196	.39420	.26733	80.913

#1	.00364	-.00003	.03607	.00013	-.00112	2.5385	.09503	.00011
#2	.00128	-.00120	.03529	.00093	-.00049	2.5244	.09467	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00029	59.290	.00591	.00283	.04126	19.277	.37582	6.2991
Stddev	.00000	.111	.00010	.00029	.00002	.040	.00108	.0665
%RSD	.66090	.18696	1.6923	10.242	.04164	.20706	.28663	1.0561

#1	-.00029	59.211	.00598	.00304	.04125	19.249	.37506	6.2521
#2	-.00029	59.368	.00584	.00263	.04127	19.305	.37658	6.3462

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00894	-.00117	21.659	.00841	.69112	6.5404	.00182	.08579
Stddev	.00002	.00023	.059	.00001	.00366	.0306	.00009	.00813
%RSD	.18378	19.515	.27060	.10089	.52999	.46852	4.8527	9.4780

#1	.00893	-.00134	21.618	.00841	.69371	6.5621	.00176	.08004
#2	.00895	-.00101	21.701	.00840	.68853	6.5187	.00188	.09154

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.3857	7.7470	.00043	.09190	.01008	1.069	.19194	1.6800
Stddev	.0059	.0321	.00061	.00012	.00124	.000	.00006	.1139
%RSD	.17294	.41382	141.43	.13442	12.259	.0264	.03232	6.7790

#1	3.3898	7.7697	.00086	.09199	.01096	1.069	.19190	1.7605
#2	3.3816	7.7243	-.00000	.09182	.00921	1.069	.19198	1.5995

Elem	U_3859
Units	ppm
Avg	7.9350
Stddev	.1141
%RSD	1.4383

#1	7.8543
#2	8.0157

Sample Name: J5167-01 Acquired: 10/2/2018 13:39:05 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3393.2	71557.	5275.1	116.51	4685.8
Stddev	7.9	189.	23.6	.63	13.0
%RSD	.23236	.26405	.44649	.54432	.27750
#1	3387.7	71690.	5291.8	116.06	4676.6
#2	3398.8	71423.	5258.5	116.95	4695.0

Sample Name: J5167-02 Acquired: 10/2/2018 13:43:04 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00321	-.00056	.04629	.00100	-.00012	3.3344	.12080	.00012
Stddev	.00019	.00103	.00065	.00527	.00129	.0033	.00014	.00001
%RSD	5.7701	182.98	1.4143	527.00	1107.6	.09903	.11528	7.3463

#1	.00334	-.00129	.04582	-.00273	.00080	3.3321	.12070	.00013
#2	.00308	.00016	.04675	.00473	-.00103	3.3367	.12089	.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00026	74.108	.00865	.00365	.04818	24.298	.46532	7.9662
Stddev	.00005	.516	.00018	.00021	.00004	.216	.00006	.0336
%RSD	20.080	.69646	2.0365	5.6156	.08593	.88806	.01313	.42158

#1	-.00023	73.743	.00877	.00351	.04821	24.146	.46528	7.9424
#2	-.00030	74.473	.00853	.00380	.04815	24.451	.46537	7.9899

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01187	-.00124	26.704	.01055	.76756	8.2083	.00169	.08535
Stddev	.00021	.00017	.161	.00080	.01112	.0315	.00021	.00387
%RSD	1.8089	13.722	.60263	7.5710	1.4483	.38375	12.109	4.5388

#1	.01171	-.00136	26.591	.01111	.75970	8.1860	.00184	.08809
#2	.01202	-.00112	26.818	.00999	.77543	8.2305	.00155	.08261

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.1382	9.8716	.00146	.11605	.01853	1.360	.23967	1.4437
Stddev	.0192	.0615	.00015	.00254	.00093	.001	.00146	.0491
%RSD	.46494	.62344	10.268	2.1870	4.9967	.0889	.60988	3.3984

#1	4.1246	9.8281	.00157	.11426	.01918	1.359	.23863	1.4784
#2	4.1518	9.9151	.00136	.11785	.01787	1.361	.24070	1.4090

Elem	U_3859
Units	ppm
Avg	10.074
Stddev	.066
%RSD	.65914

#1	10.027
#2	10.121

Sample Name: J5167-02 Acquired: 10/2/2018 13:43:04 Type: Unk
 Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3411.9	71744.	5360.2	120.05	4676.4
Stddev	2.0	50.	40.5	1.59	5.0
%RSD	.05955	.06907	.75466	1.3225	.10624
#1	3410.5	71779.	5388.8	121.17	4672.9
#2	3413.3	71709.	5331.5	118.92	4680.0

Sample Name: J5200-02 Acquired: 10/2/2018 13:47:00 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-02-100118 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00430	-.00020	.00057	.00100	-.00156	.05872	.11181	-.00004
Stddev	.00200	.00027	.00023	.00089	.00072	.00987	.00072	.00008
%RSD	46.528	134.20	40.985	88.937	45.990	16.805	.64257	224.39

#1	.00572	-.00039	.00073	.00037	-.00207	.05174	.11232	.00002
#2	.00289	-.00001	.00040	.00163	-.00105	.06569	.11131	-.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	20.564	-.00002	.00220	.00320	.03202	.86025	.91362
Stddev	.00004	.109	.00056	.00025	.00002	.00226	.00057	.06201
%RSD	64.750	.53111	3545.7	11.446	.69251	7.0641	.06634	6.7877

#1	.00009	20.641	-.00041	.00202	.00321	.03362	.86065	.95747
#2	.00003	20.487	.00038	.00238	.00318	.03042	.85984	.86977

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00222	-.00039	236.76	-.00043	.01508	.93610	-.00014	.01332
Stddev	.00017	.00007	3.63	.00054	.00026	.02559	.00006	.00477
%RSD	7.5226	17.381	1.5322	125.54	1.7434	2.7338	42.970	35.830

#1	.00234	-.00043	239.33	-.00005	.01527	.91801	-.00010	.00995
#2	.00210	-.00034	234.20	-.00081	.01490	.95420	-.00019	.01670

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22587	.40719	.00041	.00296	-.01059	.0006	.03968	3.2486
Stddev	.00190	.00443	.00027	.00192	.00164	.0029	.00019	.2772
%RSD	.84310	1.0884	65.955	64.655	15.464	506.6	.48341	8.5337

#1	.22452	.41032	.00060	.00432	-.00943	.0026	.03982	3.4446
#2	.22722	.40405	.00022	.00161	-.01174	-.0015	.03954	3.0526

Elem	U_3859
Units	ppm
Avg	2.4415
Stddev	.3544
%RSD	14.518

#1	2.1909
#2	2.6921

Sample Name: J5200-02 Acquired: 10/2/2018 13:47:00 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-02-100118 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	3300.0	68379.	5134.8	113.29	4397.1
Stddev	19.6	130.	41.7	3.27	16.9
%RSD	.59404	.18958	.81285	2.8863	.38445
#1	3286.1	68471.	5105.3	110.98	4385.2
#2	3313.8	68288.	5164.3	115.60	4409.1

Sample Name: J5200-02DUP Acquired: 10/2/2018 13:51:07 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-02-100118 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00166	.00000	-.00061	.00421	-.00030	.07471	.11112	-.00001
Stddev	.00414	.00208	.00056	.00378	.00091	.00447	.00037	.00001
%RSD	249.64	2610800.	91.871	89.772	302.82	5.9800	.33279	113.86

#1	.00458	.00147	-.00022	.00154	-.00094	.07787	.11086	-.00002
#2	-.00127	-.00147	-.00101	.00688	.00034	.07155	.11138	-.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00014	20.678	.00013	.00210	.00296	.02151	.86153	.93968
Stddev	.00004	.058	.00035	.00008	.00011	.00570	.00107	.00627
%RSD	30.399	.28176	261.67	3.8468	3.7717	26.481	.12441	.66742

#1	.00017	20.719	-.00011	.00204	.00288	.02553	.86077	.93524
#2	.00011	20.637	.00038	.00216	.00304	.01748	.86228	.94411

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00199	-.00066	235.78	-.00045	.01482	.92977	.00003	.00712
Stddev	.00043	.00052	2.28	.00038	.00013	.00996	.00014	.00893
%RSD	21.640	79.100	.96843	85.797	.86666	1.0716	501.83	125.34

#1	.00229	-.00029	237.39	-.00018	.01473	.92272	.00013	.01344
#2	.00168	-.00102	234.16	-.00072	.01491	.93681	-.00007	.00081

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21734	.40675	.00062	.00276	-.00839	.0008	.03974	3.0635
Stddev	.00088	.00130	.00073	.00039	.00093	.0008	.00000	.0177
%RSD	.40590	.31971	117.80	14.179	11.076	94.74	.00472	.57807

#1	.21671	.40767	.00114	.00248	-.00905	.0003	.03973	3.0761
#2	.21796	.40583	.00010	.00304	-.00774	.0013	.03974	3.0510

Elem	U_3859
Units	ppm
Avg	2.5666
Stddev	.2129
%RSD	8.2957

#1	2.4161
#2	2.7172

Sample Name: J5200-02DUP Acquired: 10/2/2018 13:51:07 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-02-100118 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	3304.7	68532.	5172.5	116.04	4395.5
Stddev	10.0	210.	50.6	.63	3.7
%RSD	.30231	.30632	.97751	.54428	.08357
#1	3297.6	68680.	5136.7	115.59	4392.9
#2	3311.7	68383.	5208.2	116.49	4398.1

Sample Name: J5200-02LX5 Acquired: 10/2/2018 13:55:14 Type: Unk
Method: P4-ICP2(v2469) 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	-.00007	.00040	-.00162	.00092	-.00178	.01330	.02494	.00002
Stddev	.00102	.00133	.00025	.00274	.00055	.01572	.00050	.00006
%RSD	1454.4	330.13	15.441	296.67	31.058	118.26	1.9900	312.45

#1	-.00079	-.00054	-.00180	-.00102	-.00217	.02441	.02530	-.00002
#2	.00065	.00134	-.00145	.00287	-.00139	.00218	.02459	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	4.2892	.00005	.00056	.00053	.01089	.17944	.21219
Stddev	.00003	.0553	.00015	.00012	.00013	.00042	.00045	.02140
%RSD	150.34	1.2887	270.67	21.981	24.269	3.8199	.24848	10.083

#1	.00000	4.3283	.00016	.00065	.00044	.01059	.17912	.19707
#2	-.00004	4.2501	-.00005	.00047	.00062	.01118	.17976	.22732

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00148	-.00074	50.144	.00059	.00375	.17193	-.00008	.00431
Stddev	.00007	.00017	.028	.00030	.00005	.00208	.00006	.00365
%RSD	4.8722	23.610	.05585	50.846	1.4315	1.2113	82.902	84.632

#1	.00153	-.00086	50.124	.00081	.00379	.17340	-.00003	.00173
#2	.00143	-.00061	50.164	.00038	.00371	.17046	-.00012	.00689

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03641	.08313	-.00061	.00306	-.00836	-.0018	.00832	1.9933
Stddev	.00571	.00245	.00039	.00051	.00154	.0001	.00009	.3124
%RSD	15.691	2.9497	63.873	16.599	18.476	3.273	1.0669	15.671

#1	.04045	.08487	-.00089	.00270	-.00727	-.0018	.00826	2.2142
#2	.03237	.08140	-.00033	.00341	-.00945	-.0019	.00838	1.7724

Elem	U_3859
Units	ppm
Avg	2.0613
Stddev	.1494
%RSD	7.2496

#1	1.9556
#2	2.1670

Sample Name: J5200-02LX5 Acquired: 10/2/2018 13:55:14 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI 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	3433.3	71278.	5153.3	116.11	4709.2
Stddev	4.2	23.	7.9	.72	8.1
%RSD	.12230	.03161	.15272	.62309	.17228
#1	3430.3	71262.	5147.7	115.60	4703.4
#2	3436.3	71294.	5158.9	116.62	4714.9

Sample Name: CCV03 Acquired: 10/2/2018 13:59:15 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV13933 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9051	4.9544	4.8846	4.9273	4.9909	10.320	10.100
Stddev	.0079	.0057	.0069	.0224	.0094	.103	.006
%RSD	.16144	.11536	.14128	.45548	.18800	.99569	.06176

#1	4.9107	4.9585	4.8895	4.9432	4.9975	10.392	10.095
#2	4.8995	4.9504	4.8797	4.9115	4.9843	10.247	10.104

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24810	2.4561	25.009	.97505	2.4511	1.2472	4.8066
Stddev	.00056	.0003	.045	.00087	.0014	.0017	.0778
%RSD	.22497	.01276	.17966	.08911	.05701	.13668	1.6191

#1	.24771	2.4559	24.977	.97443	2.4521	1.2484	4.7516
#2	.24850	2.4563	25.041	.97566	2.4501	1.2460	4.8617

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5144	24.627	2.4546	1.2215	25.007	2.4826	2.4263
Stddev	.0008	.038	.0014	.0020	.080	.0053	.0353
%RSD	.03175	.15601	.05903	.16204	.31902	.21564	1.4537

#1	2.5149	24.654	2.4556	1.2229	24.951	2.4863	2.4013
#2	2.5138	24.600	2.4535	1.2201	25.063	2.4788	2.4512

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.619	5.0070	5.1273	4.9047	4.7795	4.8692	4.9571
Stddev	.020	.0027	.0061	.0058	.0390	.0014	.0120
%RSD	.07681	.05477	.11878	.11761	.81537	.02812	.24163

#1	25.605	5.0089	5.1316	4.9088	4.7519	4.8701	4.9486
#2	25.633	5.0051	5.1230	4.9007	4.8071	4.8682	4.9656

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	5.2164	5.063	4.9349	F 2.4375	F 3.4613
Stddev	.0181	.018	.0339	.2666	.2244
%RSD	.34654	.3651	.68702	10.938	6.4825

#1	5.2036	5.077	4.9109	2.6260	3.3027
#2	5.2292	5.050	4.9589	2.2490	3.6200

Sample Name: CCV03 Acquired: 10/2/2018 13:59:15 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV13933 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	3340.9	70077.	5113.2	113.68	4432.1
Stddev	1.5	373.	23.0	1.84	3.0
%RSD	.04552	.53269	.45005	1.6179	.06794
#1	3339.8	69813.	5129.4	114.98	4434.2
#2	3342.0	70341.	5096.9	112.38	4430.0

Sample Name: CCB03 Acquired: 10/2/2018 14:03:05 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB13933 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00418	.00132	-.00132	.00076	-.00172	.00651	.00249
Stddev	.00302	.00037	.00042	.00101	.00199	.00071	.00007
%RSD	72.392	28.156	31.777	131.83	115.38	10.909	2.7063

#1	.00631	.00158	-.00102	.00148	-.00312	.00601	.00244
#2	.00204	.00106	-.00161	.00005	-.00032	.00702	.00253

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.00005	.00020	-.00078	.00004	-.00025	-.00581
Stddev	.00001	.00003	.01218	.00009	.00000	.00025	.00152
%RSD	59.811	63.009	6198.8	11.810	8.0372	97.186	26.094

#1	-.00001	.00007	-.00842	-.00072	.00004	-.00043	-.00688
#2	-.00002	.00003	.00881	-.00085	.00004	-.00008	-.00474

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.02330	.00134	-.00028	-.06067	.00087	-.00022
Stddev	.00005	.00302	.00011	.00005	.01197	.00058	.00003
%RSD	234.75	12.940	7.9652	19.236	19.738	66.825	11.929

#1	-.00001	.02544	.00141	-.00024	-.06914	.00046	-.00020
#2	.00005	.02117	.00126	-.00032	-.05220	.00128	-.00023

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00668	.00030	.01512	-.00591	-.00749	-.00092	.00204
Stddev	.03625	.00014	.00380	.00457	.00030	.00085	.00061
%RSD	542.50	45.242	25.122	77.257	3.9698	92.491	29.720

#1	.03231	.00039	.01244	-.00268	-.00770	-.00032	.00161
#2	-.01895	.00020	.01781	-.00915	-.00728	-.00153	.00247

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	F -.01328	-.0035	-.00003	F 1.1633	F 1.7575		
Stddev	.00331	.0005	.00004	.0917	.0324		
%RSD	24.942	15.22	141.33	7.8808	1.8452		

#1	-.01563	-.0031	-.00000	1.2281	1.7345		
#2	-.01094	-.0039	-.00005	1.0984	1.7804		

Sample Name: CCB03 Acquired: 10/2/2018 14:03:05 Type: Unk
 Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB13933 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	3503.7	73186.	5150.4	114.54	4998.5
Stddev	.6	8.	18.7	1.41	.7
%RSD	.01616	.01043	.36370	1.2290	.01457
#1	3504.1	73180.	5137.1	113.55	4998.0
#2	3503.3	73191.	5163.6	115.54	4999.0

Sample Name: J5200-02MS Acquired: 10/2/2018 14:07:09 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-02-100118 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.73275	1.7793	.88991	1.8384	.70252	1.8859	.29352	.17675	.18271
Stddev	.00844	.0194	.00949	.0187	.01025	.0267	.00016	.00057	.00253
%RSD	1.1513	1.0915	1.0663	1.0201	1.4597	1.4151	.05376	.32357	1.3867
#1	.72678	1.7655	.88320	1.8251	.69527	1.8671	.29341	.17634	.18091
#2	.73871	1.7930	.89662	1.8516	.70977	1.9048	.29364	.17715	.18450

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.494	.35441	.18052	.27380	2.6598	1.0334	2.6856	.44608	.06205
Stddev	.013	.00177	.00216	.00323	.0396	.0003	.0003	.00682	.00006
%RSD	.05957	.49884	1.1968	1.1798	1.4873	.02528	.01201	1.5281	.09713
#1	21.485	.35316	.17899	.27152	2.6318	1.0332	2.6854	.44126	.06200
#2	21.503	.35566	.18204	.27609	2.6878	1.0336	2.6859	.45090	.06209

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	241.03	.27316	.19366	10.084	.37223	.29565	.21442	1.2010	.62420
Stddev	1.53	.00129	.00314	.029	.00449	.01411	.00264	.0040	.00802
%RSD	.63436	.47341	1.6239	.28438	1.2073	4.7711	1.2323	.33345	1.2854
#1	242.11	.27225	.19143	10.064	.36906	.30563	.21629	1.2038	.61853
#2	239.95	.27408	.19588	10.104	.37541	.28568	.21256	1.1981	.62988

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.18275	.33859	5.512	.21170	2.9675	3.0824			
Stddev	.00034	.00044	.063	.00034	.4929	.1136			
%RSD	.18378	.12991	1.144	.16242	16.611	3.6845			
#1	.18251	.33828	5.468	.21195	3.3161	3.1627			
#2	.18298	.33890	5.557	.21146	2.6190	3.0021			

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306				
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S				
Avg	3281.9	68152.	5025.1	110.69	4357.4				
Stddev	1.2	12.	21.2	.57	3.8				
%RSD	.03808	.01819	.42155	.51436	.08808				
#1	3281.0	68143.	5010.1	111.09	4360.1				
#2	3282.8	68161.	5040.1	110.28	4354.7				

Sample Name: J5200-02MSD Acquired: 10/2/2018 14:11:03 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-02-100118 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.73755	1.7937	.89436	1.8476	.71238	1.9493	.29538	.18041	.18408
Stddev	.00307	.0029	.00161	.0140	.00122	.0041	.00056	.00079	.00002
%RSD	.41625	.16140	.17981	.75580	.17179	.20980	.18976	.43777	.01240

#1	.73972	1.7957	.89550	1.8575	.71324	1.9464	.29577	.18097	.18407
#2	.73538	1.7916	.89322	1.8378	.71151	1.9522	.29498	.17985	.18410

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.265	.36129	.18181	.27563	2.6599	1.0264	2.6684	.44988	.06208
Stddev	.052	.00044	.00010	.00007	.0309	.0010	.0411	.00071	.00002
%RSD	.24659	.12299	.05515	.02377	1.1622	.09974	1.5416	.15696	.03304

#1	21.228	.36097	.18173	.27559	2.6818	1.0257	2.6393	.45038	.06206
#2	21.302	.36160	.18188	.27568	2.6380	1.0272	2.6975	.44938	.06209

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	235.74	.28006	.19032	10.230	.37626	.28837	.21075	1.2099	.62911
Stddev	2.09	.00108	.00103	.005	.00081	.00289	.00295	.0007	.00023
%RSD	.88520	.38553	.54357	.04827	.21471	1.0032	1.3991	.05728	.03725

#1	234.27	.28082	.19105	10.227	.37683	.29042	.20866	1.2094	.62895
#2	237.22	.27930	.18958	10.234	.37568	.28632	.21283	1.2104	.62928

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.18618	.34949	5.569	.21439	2.9439	2.8600			
Stddev	.00063	.00228	.017	.00069	.1717	.1340			
%RSD	.34082	.65264	.3126	.32207	5.8311	4.6858			

#1	.18663	.34788	5.581	.21390	3.0653	2.9548			
#2	.18573	.35111	5.556	.21488	2.8225	2.7652			

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306				
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S				
Avg	3302.6	69075.	5111.5	114.28	4388.6				
Stddev	7.1	132.	1.1	.39	7.6				
%RSD	.21515	.19052	.02242	.34023	.17428				

#1	3297.5	68982.	5112.3	114.00	4383.2				
#2	3307.6	69168.	5110.7	114.55	4394.0				

Sample Name: J5200-02A Acquired: 10/2/2018 14:14:57 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7521 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.73890	1.7822	.89291	1.8460	.70625	1.9339	.29686	.18056	.18367
Stddev	.00533	.0007	.00183	.0036	.00086	.0165	.00125	.00007	.00006
%RSD	.72091	.03899	.20476	.19546	.12142	.85345	.42147	.03725	.03450

#1	.74266	1.7817	.89161	1.8485	.70565	1.9222	.29774	.18051	.18372
#2	.73513	1.7827	.89420	1.8434	.70686	1.9456	.29598	.18060	.18363

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.349	.36129	.18143	.27472	2.7188	1.0256	2.6920	.44833	.06220
Stddev	.046	.00071	.00012	.00049	.0285	.0007	.0260	.00057	.00075
%RSD	.21336	.19781	.06685	.17869	1.0502	.06734	.96439	.12624	1.1987

#1	21.381	.36079	.18152	.27507	2.7390	1.0251	2.6737	.44873	.06273
#2	21.317	.36180	.18135	.27437	2.6987	1.0261	2.7104	.44793	.06167

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	238.79	.28048	.19363	10.343	.37631	.29551	.20431	1.2275	.62841
Stddev	1.70	.00025	.00397	.008	.00092	.01287	.00019	.0057	.00031
%RSD	.71101	.08877	2.0486	.07868	.24562	4.3559	.09455	.46591	.04898

#1	239.99	.28066	.19644	10.337	.37696	.30461	.20417	1.2315	.62863
#2	237.59	.28031	.19083	10.349	.37565	.28641	.20445	1.2235	.62819

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.18874	.34656	5.560	.21593	2.6738	2.7779			
Stddev	.00106	.00329	.000	.00079	.4025	.0244			
%RSD	.56358	.95033	.0044	.36719	15.053	.87759			

#1	.18799	.34423	5.560	.21649	2.9584	2.7952			
#2	.18949	.34889	5.559	.21537	2.3892	2.7607			

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306				
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S				
Avg	3311.8	69152.	5046.3	112.37	4400.9				
Stddev	4.8	262.	31.7	2.15	2.5				
%RSD	.14522	.37855	.62857	1.9104	.05575				

#1	3315.2	68967.	5023.8	110.86	4399.2				
#2	3308.4	69337.	5068.7	113.89	4402.7				

Sample Name: J5200-04 Acquired: 10/2/2018 14:18:52 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-02-100118 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00113	-.00106	.00154	.00335	-.00032	.11023	.11742	-.00006
Stddev	.00070	.00138	.00036	.00047	.00051	.01120	.00090	.00005
%RSD	62.041	129.99	23.479	14.087	156.37	10.160	.76834	83.388

#1	.00163	-.00203	.00129	.00302	.00003	.11815	.11805	-.00002
#2	.00064	-.00009	.00180	.00368	-.00068	.10231	.11678	-.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	17.769	-.00053	.00302	.00424	.35239	.65997	.93762
Stddev	.00003	.028	.00030	.00015	.00013	.00300	.00156	.03527
%RSD	33.201	.15476	57.679	4.8405	3.1400	.85202	.23566	3.7619

#1	.00010	17.750	-.00031	.00313	.00433	.35451	.65887	.96256
#2	.00006	17.789	-.00074	.00292	.00415	.35027	.66107	.91268

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00340	-.00106	260.80	.00019	.02140	.72016	.00001	.01403
Stddev	.00011	.00017	.17	.00014	.00031	.02567	.00025	.00133
%RSD	3.3380	15.800	.06677	70.357	1.4706	3.5646	2981.4	9.4797

#1	.00332	-.00118	260.68	.00029	.02118	.73831	.00019	.01497
#2	.00348	-.00094	260.93	.00010	.02162	.70201	-.00017	.01309

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18365	.43906	.00099	.00328	-.00551	.0013	.03721	2.8661
Stddev	.00035	.00162	.00061	.00183	.00594	.0017	.00006	.4017
%RSD	.19275	.37005	61.809	55.761	107.75	130.6	.14952	14.016

#1	.18340	.43791	.00142	.00199	-.00971	.0001	.03725	2.5821
#2	.18390	.44020	.00056	.00458	-.00131	.0024	.03717	3.1502

Elem	U_3859
Units	ppm
Avg	2.7922
Stddev	.2107
%RSD	7.5474

#1	2.6432
#2	2.9412

Sample Name: J5200-04 Acquired: 10/2/2018 14:18:52 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-02-100118 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	3290.1	68491.	5136.9	116.79	4373.0
Stddev	4.4	28.	7.7	2.04	5.7
%RSD	.13504	.04043	.14967	1.7457	.12999
#1	3293.2	68511.	5131.5	118.23	4377.1
#2	3287.0	68471.	5142.3	115.35	4369.0

Sample Name: PB113420BL Acquired: 10/2/2018 14:26:52 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7521 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00223	.00056	-.00237	.00021	-.00134	-.00515	.00186	.00001
Stddev	.00118	.00010	.00084	.00046	.00007	.00110	.00043	.00001
%RSD	52.632	18.202	35.529	217.29	4.9082	21.267	23.122	53.218

#1	.00306	.00063	-.00177	.00054	-.00139	-.00438	.00156	.00001
#2	.00140	.00048	-.00296	-.00011	-.00129	-.00593	.00217	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.00203	-.00079	-.00018	.00006	.00951	-.00000	.02680
Stddev	.00003	.01125	.00020	.00008	.00024	.00332	.00003	.02910
%RSD	290.69	555.62	25.805	44.880	369.52	34.898	564.56	108.58

#1	-.00003	.00998	-.00093	-.00024	.00023	.01185	.00001	.00622
#2	.00001	-.00593	-.00064	-.00012	-.00010	.00716	-.00002	.04738

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00175	-.00008	-.02778	.00005	-.00039	.01538	-.00007	.00090
Stddev	.00015	.00008	.00013	.00046	.00010	.02836	.00005	.01323
%RSD	8.5582	98.226	.47639	982.00	25.079	184.39	70.084	1472.5

#1	.00186	-.00002	-.02788	.00038	-.00046	.03543	-.00011	.01025
#2	.00164	-.00014	-.02769	-.00028	-.00032	-.00467	-.00004	-.00845

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01021	-.00504	-.00088	.00260	-.01334	-.0042	-.00001	.95014
Stddev	.00130	.00392	.00023	.00079	.00027	.0002	.00001	.09714
%RSD	12.784	77.718	26.335	30.425	2.0118	5.034	141.33	10.223

#1	-.01113	-.00781	-.00104	.00204	-.01315	-.0040	-.00002	.88145
#2	-.00928	-.00227	-.00072	.00315	-.01353	-.0043	-.00000	1.0188

Elem	U_3859
Units	ppm
Avg	1.7536
Stddev	.1710
%RSD	9.7494

#1	1.6327
#2	1.8744

Sample Name: PB113420BL Acquired: 10/2/2018 14:26:52 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7521 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	3503.2	73873.	5172.0	115.99	4996.6
Stddev	24.7	200.	4.4	.43	30.1
%RSD	.70484	.27110	.08570	.37179	.60256
#1	3485.8	73731.	5168.9	116.29	4975.3
#2	3520.7	74014.	5175.1	115.68	5017.9

Sample Name: PB113417BS Acquired: 10/2/2018 14:30:56 Type: Unk
Method: P4-ICP2(v2469) 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	.78267	2.0756	.98963	1.9823	.75133	2.0103	.21413
Stddev	.00464	.0034	.00045	.0105	.00265	.0122	.00064
%RSD	.59257	.16336	.04591	.52835	.35264	.60544	.29933

#1	.77939	2.0732	.98931	1.9749	.74946	2.0016	.21368
#2	.78595	2.0780	.98995	1.9898	.75321	2.0189	.21459

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19633	.19735	1.0654	.40507	.19685	.31463	3.0367
Stddev	.00031	.00002	.0092	.00124	.00015	.00029	.0299
%RSD	.15736	.00984	.86003	.30725	.07482	.09227	.98370

#1	.19611	.19734	1.0589	.40419	.19675	.31443	3.0578
#2	.19655	.19737	1.0719	.40595	.19696	.31484	3.0155

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21216	2.1326	.49386	.07003	3.1175	.30337	.20477
Stddev	.00014	.0141	.00093	.00028	.0107	.00081	.00324
%RSD	.06499	.65941	.18759	.39374	.34332	.26579	1.5833

#1	.21206	2.1425	.49320	.06983	3.1100	.30280	.20706
#2	.21225	2.1226	.49451	.07022	3.1251	.30394	.20247

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.689	.39557	.33559	F -.01009	.90216	.64715	.19909
Stddev	.022	.00167	.00511	.00097	.00501	.00270	.00159
%RSD	.20975	.42313	1.5214	9.6496	.55487	.41760	.79886

#1	10.705	.39438	.33198	-.01078	.89862	.64524	.19797
#2	10.673	.39675	.33920	-.00941	.90570	.64906	.20022

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	F .40132	F 5.562	.20202	.75383	F 1.8141		
Stddev	.00507	.010	.00106	.06394	.0599		
%RSD	1.2632	.1733	.52627	8.4818	3.3028		

#1	.40490	5.555	.20277	.79904	1.8565		
#2	.39773	5.568	.20127	.70862	1.7717		

Sample Name: PB113417BS Acquired: 10/2/2018 14:30:56 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3481.0	73430.	5112.4	115.21	4892.1
Stddev	3.6	126.	11.2	2.10	11.7
%RSD	.10323	.17169	.21954	1.8243	.23817
#1	3478.4	73520.	5104.5	113.72	4883.9
#2	3483.5	73341.	5120.4	116.69	4900.4

Sample Name: PB113417BL Acquired: 10/2/2018 14:34:46 Type: Unk
Method: P4-ICP2(v2469) 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	.00076	.00097	-.00251	.00102	-.00004	.00107	.00185
Stddev	.00174	.00008	.00049	.00141	.00036	.01051	.00088
%RSD	229.92	8.4589	19.631	137.29	929.89	981.85	47.797

#1	-.00047	.00103	-.00216	.00003	-.00029	-.00636	.00248
#2	.00199	.00092	-.00286	.00202	.00021	.00850	.00122

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.00005	.01285	-.00052	-.00021	.00010	.00691
Stddev	.00000	.00004	.01855	.00039	.00022	.00020	.00087
%RSD	13.084	86.975	144.31	74.700	107.65	204.47	12.553

#1	-.00001	-.00002	.02597	-.00025	-.00037	.00023	.00753
#2	-.00002	-.00008	-.00026	-.00080	-.00005	-.00004	.00630

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	-.02253	.00135	-.00077	-.05330	.00019	-.00041
Stddev	.00004	.01442	.00035	.00010	.01522	.00005	.00003
%RSD	97.230	64.003	26.053	13.228	28.560	27.617	6.5757

#1	-.00001	-.01234	.00110	-.00084	-.06406	.00023	-.00043
#2	-.00007	-.03273	.00160	-.00069	-.04254	.00015	-.00039

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00113	.00005	.00062	-.00869	-.00898	-.00102	.00252
Stddev	.03091	.00007	.00328	.00111	.00002	.00062	.00092
%RSD	2733.1	133.47	525.93	12.784	.19537	60.359	36.489

#1	-.02299	.00010	.00294	-.00947	-.00900	-.00146	.00317
#2	.02073	.00000	-.00169	-.00790	-.00897	-.00059	.00187

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00986	-.0026	.00004	F .88529	F 1.3432
Stddev	.00020	.0016	.00002	.58397	.4368
%RSD	2.0696	60.21	52.104	65.964	32.521

#1	-.01001	-.0015	.00002	.47236	1.0343
#2	-.00972	-.0038	.00005	1.2982	1.6520

Sample Name: PB113417BL Acquired: 10/2/2018 14:34:46 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3501.5	73242.	5145.1	114.33	4993.8
Stddev	1.3	173.	25.7	1.82	1.3
%RSD	.03718	.23584	.49988	1.5912	.02644
#1	3502.4	73119.	5127.0	113.04	4994.8
#2	3500.6	73364.	5163.3	115.61	4992.9

Sample Name: PB113420BS Acquired: 10/2/2018 14:38:51 Type: Unk
Method: P4-ICP2(v2469) 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	.73087	1.9188	.92067	1.8165	.75783	1.8313	.19280
Stddev	.00566	.0025	.00099	.0000	.00063	.0203	.00192
%RSD	.77484	.13233	.10730	.00135	.08285	1.1101	.99793

#1	.72687	1.9206	.91997	1.8165	.75738	1.8457	.19144
#2	.73488	1.9170	.92137	1.8165	.75827	1.8169	.19416

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17828	.18325	.96789	.37309	.18383	.29090	2.6758
Stddev	.00143	.00057	.02528	.00412	.00013	.00139	.0766
%RSD	.80261	.31274	2.6115	1.1032	.07193	.47822	2.8607

#1	.17727	.18284	.95001	.37018	.18373	.28992	2.6217
#2	.17930	.18366	.98576	.37600	.18392	.29189	2.7299

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19508	1.8848	.46015	.06393	2.8042	.28146	.18391
Stddev	.00128	.0445	.00018	.00078	.0445	.00104	.00610
%RSD	.65740	2.3591	.03985	1.2264	1.5876	.36832	3.3143

#1	.19418	1.8533	.46002	.06338	2.7727	.28073	.17960
#2	.19599	1.9162	.46028	.06449	2.8357	.28219	.18822

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.6304	.40280	.27864	F -.01303	.86488	.65590	.19230
Stddev	.0802	.00133	.00830	.00253	.00892	.00261	.00593
%RSD	.83280	.33095	2.9799	19.412	1.0310	.39844	3.0814

#1	9.5737	.40185	.27277	-.01482	.85857	.65405	.18811
#2	9.6871	.40374	.28451	-.01124	.87118	.65775	.19649

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	F .36140	F 5.167	F .18151	F .55362	F 1.9913		
Stddev	.00553	.014	.00224	.15482	.1005		
%RSD	1.5305	.2677	1.2326	27.965	5.0469		

#1	.35749	5.177	.17993	.44414	1.9203		
#2	.36532	5.158	.18310	.66309	2.0624		

Sample Name: PB113420BS Acquired: 10/2/2018 14:38:51 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3514.7	74209.	5209.9	120.15	4936.7
Stddev	.4	76.	47.9	3.50	4.5
%RSD	.01016	.10257	.92015	2.9100	.09019
#1	3514.9	74263.	5243.8	122.62	4933.6
#2	3514.4	74155.	5176.0	117.67	4939.9

Sample Name: PB113426BS Acquired: 10/2/2018 14:44:14 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.76547	2.0180	.96784	1.9189	.76037	1.9801	.20877
Stddev	.00139	.0089	.00101	.0065	.00211	.0255	.00037
%RSD	.18179	.44150	.10422	.33998	.27721	1.2891	.17657

#1	.76646	2.0243	.96712	1.9235	.76186	1.9621	.20851
#2	.76449	2.0117	.96855	1.9142	.75888	1.9982	.20903

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19088	.19232	1.0580	.39622	.19230	.30557	2.8945
Stddev	.00022	.00015	.0056	.00095	.00022	.00089	.0084
%RSD	.11449	.07874	.52446	.23883	.11212	.29095	.29177

#1	.19103	.19243	1.0620	.39555	.19245	.30619	2.8885
#2	.19072	.19221	1.0541	.39689	.19215	.30494	2.9005

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20733	2.0474	.48169	.06829	3.0217	.29877	.19592
Stddev	.00007	.0188	.00026	.00066	.0079	.00131	.00215
%RSD	.03184	.91985	.05313	.96585	.26260	.43822	1.0979

#1	.20729	2.0341	.48187	.06875	3.0161	.29970	.19744
#2	.20738	2.0607	.48151	.06782	3.0273	.29785	.19439

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.404	.40180	.30566	F -.01257	.88961	.66012	.20362
Stddev	.006	.00247	.00123	.00002	.00573	.00014	.00190
%RSD	.05458	.61426	.40080	.16955	.64461	.02147	.93353

#1	10.400	.40355	.30480	-.01256	.89367	.66022	.20496
#2	10.408	.40006	.30653	-.01259	.88556	.66002	.20227

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	F .39102	5.451	.19721	.95747	F 2.3277		
Stddev	.00448	.007	.00027	.10403	.2969		
%RSD	1.1464	.1270	.13578	10.865	12.757		

#1	.39419	5.456	.19740	.88391	2.1177		
#2	.38785	5.446	.19702	1.0310	2.5377		

Sample Name: PB113426BS Acquired: 10/2/2018 14:44:14 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3499.5	73301.	5141.2	117.73	4910.5
Stddev	12.9	89.	32.3	1.31	15.1
%RSD	.36782	.12151	.62745	1.1152	.30738
#1	3490.4	73364.	5118.4	116.80	4899.8
#2	3508.6	73238.	5164.0	118.66	4921.1

Sample Name: J5085-04 Acquired: 10/2/2018 14:48:03 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7521 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00787	.00195	30.060	-.00129	.00818	4.1380	.14218
Stddev	.00232	.00402	.012	.00638	.00052	.0517	.00012
%RSD	29.441	206.34	.04132	493.15	6.3028	1.2489	.08781

#1	.00623	-.00090	30.069	-.00581	.00854	4.1014	.14210
#2	.00951	.00480	30.051	.00322	.00781	4.1745	.14227

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00019	.00504	257.79	.00201	.00408	18.955	53.427
Stddev	.00020	.00011	1.29	.00006	.00009	.028	1.607
%RSD	105.80	2.2556	.50196	2.7453	2.3233	.14536	3.0078

#1	.00005	.00512	256.88	.00197	.00415	18.975	52.290
#2	.00033	.00496	258.71	.00204	.00401	18.936	54.563

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.36039	980.33	.01415	-.00090	2684.9	.01582	1.6972
Stddev	.00276	5.95	.00004	.00033	147.3	.00048	.0585
%RSD	.76456	.60672	.27493	36.951	5.4863	3.0115	3.4443

#1	.35844	976.12	.01418	-.00113	2789.1	.01549	1.6558
#2	.36234	984.53	.01412	-.00066	2580.8	.01616	1.7385

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	355.67	.01709	3.5175	F 793.69	8.0194	-.27849	.15267
Stddev	2.97	.00078	.0366	.66	.0328	.00014	.00115
%RSD	.83635	4.5715	1.0408	.08263	.40880	.04943	.75624

#1	353.57	.01764	3.4916	794.15	8.0426	-.27858	.15349
#2	357.77	.01653	3.5433	793.23	7.9962	-.27839	.15185

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.48198	.5607	4.0124	8.2522	17.384
Stddev	.00178	.0001	.0170	.0170	.210
%RSD	.36925	.0238	.42378	.20545	1.2084

#1	.48073	.5606	4.0004	8.2402	17.235
#2	.48324	.5608	4.0244	8.2642	17.532

Sample Name: J5085-04 Acquired: 10/2/2018 14:48:03 Type: Unk
 Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB7521 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	2149.4	45237.	4271.6	90.725	2587.2
Stddev	10.3	279.	10.1	2.815	10.1
%RSD	.48082	.61713	.23564	3.1023	.39132
#1	2142.1	45434.	4278.8	92.715	2580.0
#2	2156.7	45039.	4264.5	88.735	2594.3

Sample Name: CCV04 Acquired: 10/2/2018 14:52:04 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0645	5.1425	5.0583	5.0786	5.1611	10.865	10.533
Stddev	.0427	.0174	.0177	.0164	.0280	.055	.078
%RSD	.84222	.33804	.35070	.32382	.54211	.50956	.74406

#1	5.0947	5.1548	5.0708	5.0902	5.1809	10.826	10.589
#2	5.0343	5.1302	5.0458	5.0670	5.1414	10.904	10.478

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25854	2.5506	26.301	1.0211	2.5418	1.2883	5.1866
Stddev	.00020	.0081	.047	.0000	.0105	.0069	.0385
%RSD	.07761	.31591	.17812	.00095	.41204	.53203	.74287

#1	.25869	2.5563	26.334	1.0211	2.5492	1.2932	5.2138
#2	.25840	2.5449	26.268	1.0211	2.5344	1.2835	5.1593

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6290	25.664	2.5438	1.2713	25.177	2.5853	2.6311
Stddev	.0083	.182	.0111	.0025	.155	.0015	.0391
%RSD	.31474	.70907	.43550	.19505	.61371	.05733	1.4845

#1	2.6231	25.793	2.5516	1.2731	25.287	2.5843	2.6588
#2	2.6348	25.535	2.5359	1.2696	25.068	2.5864	2.6035

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.735	5.1574	5.2086	5.2211	4.8860	5.0606	5.1563
Stddev	.135	.0299	.0218	.0152	.0522	.0122	.0093
%RSD	.50624	.57987	.41873	.29021	1.0687	.24063	.18079

#1	26.831	5.1785	5.2240	5.2318	4.9229	5.0692	5.1629
#2	26.639	5.1362	5.1931	5.2104	4.8490	5.0520	5.1497

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	5.3640	5.312	5.0429	F 3.0323	F 3.6273
Stddev	.0299	.018	.0064	.0078	.0647
%RSD	.55793	.3484	.12737	.25830	1.7849

#1	5.3852	5.325	5.0474	3.0379	3.5815
#2	5.3428	5.299	5.0384	3.0268	3.6731

Sample Name: CCV04 Acquired: 10/2/2018 14:52:04 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3325.4	69223.	5087.5	110.46	4396.7
Stddev	14.9	28.	36.5	1.39	12.5
%RSD	.44894	.04011	.71692	1.2607	.28418
#1	3314.8	69204.	5061.7	109.47	4387.9
#2	3335.9	69243.	5113.2	111.44	4405.6

Sample Name: CCB04 Acquired: 10/2/2018 14:55:53 Type: Unk
Method: P4-ICP2(v2469) 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	-.00039	.00111	-.00143	-.00161	-.00164	.00081	.00240
Stddev	.00143	.00001	.00047	.00004	.00052	.00744	.00002
%RSD	365.83	.67790	32.855	2.6977	31.921	922.87	.84558

#1	.00062	.00112	-.00176	-.00158	-.00201	-.00445	.00242
#2	-.00141	.00111	-.00110	-.00164	-.00127	.00607	.00239

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.00001	-.01423	-.00061	.00005	-.00063	-.00510
Stddev	.00006	.00006	.00313	.00064	.00002	.00034	.00998
%RSD	384.66	762.94	21.987	104.49	48.112	53.412	195.47

#1	-.00006	.00005	-.01202	-.00016	.00003	-.00087	-.01216
#2	.00003	-.00003	-.01645	-.00107	.00006	-.00039	.00195

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	.01642	.00142	-.00052	.13823	.00005	-.00088
Stddev	.00006	.02319	.00009	.00006	.00874	.00021	.00004
%RSD	79.836	141.26	6.4678	10.697	6.3244	440.02	4.1585

#1	-.00003	.03282	.00148	-.00048	.14442	.00020	-.00091
#2	-.00012	.00002	.00135	-.00056	.13205	-.00010	-.00086

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00664	.00058	.00459	F .01745	-.00556	-.00092	.00508
Stddev	.02370	.00009	.00042	.00052	.00382	.00099	.00261
%RSD	357.05	14.767	9.1652	2.9708	68.652	107.57	51.358

#1	.02340	.00064	.00430	.01782	-.00826	-.00022	.00692
#2	-.01012	.00052	.00489	.01708	-.00286	-.00161	.00323

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	F -.01267	-.0041	.00010	F 1.1915	F 1.1711		
Stddev	.00159	.0002	.00008	.2759	.2915		
%RSD	12.517	4.537	82.138	23.160	24.887		

#1	-.01379	-.0043	.00016	.99637	1.3772		
#2	-.01155	-.0040	.00004	1.3866	.96504		

Sample Name: CCB04 Acquired: 10/2/2018 14:55:53 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3488.1	72483.	5111.0	116.30	4984.9
Stddev	1.3	882.	22.0	1.83	3.3
%RSD	.03634	1.2166	.42995	1.5698	.06543
#1	3489.0	73107.	5095.5	117.59	4987.2
#2	3487.2	71859.	5126.6	115.01	4982.6

Sample Name: J5186-01 Acquired: 10/2/2018 14:59:56 Type: Unk
Method: P4-ICP2(v2469) 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	.00366	.00252	-.00028	.00141	-.00274	-.01318	.02241	.00003
Stddev	.00162	.00025	.00027	.00242	.00004	.00312	.00219	.00000
%RSD	44.235	9.7400	96.220	171.93	1.5144	23.656	9.7940	2.6939

#1	.00252	.00269	-.00047	-.00030	-.00271	-.01539	.02086	.00003
#2	.00481	.00235	-.00009	.00311	-.00277	-.01098	.02396	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00015	60.502	-.00167	-.00039	.00128	-.01641	.00658	136.09
Stddev	.00006	2.455	.00038	.00000	.00011	.01292	.00001	5.70
%RSD	38.801	4.0572	22.797	1.2030	8.7246	78.728	.09647	4.1866

#1	-.00011	58.766	-.00140	-.00040	.00120	-.00727	.00658	132.06
#2	-.00019	62.238	-.00194	-.00039	.00136	-.02554	.00657	140.12

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00097	-.00040	995.66	.00140	-.00019	45.645	.00106	.50069
Stddev	.00025	.00058	24.71	.00042	.00004	1.899	.00018	.02934
%RSD	26.341	146.72	2.4819	29.900	18.707	4.1604	16.710	5.8599

#1	-.00115	.00001	978.19	.00169	-.00021	44.302	.00119	.47994
#2	-.00079	-.00081	1013.1	.00110	-.00016	46.987	.00094	.52144

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	105.18	.83939	-.03949	.00056	.02730	.0739	.86135	4.5022
Stddev	1.94	.03051	.00056	.00051	.00627	.0061	.03330	.1137
%RSD	1.8476	3.6343	1.4241	91.826	22.983	8.279	3.8660	2.5257

#1	106.56	.81782	-.03989	.00092	.02286	.0782	.83781	4.4218
#2	103.81	.86096	-.03909	.00019	.03173	.0696	.88490	4.5826

Elem	U_3859
Units	ppm
Avg	3.4670
Stddev	.0146
%RSD	.42202

#1	3.4567
#2	3.4774

Sample Name: J5186-01 Acquired: 10/2/2018 14:59:56 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2995.4	61813.	4770.4	104.11	3854.6
Stddev	26.1	73.	187.0	5.24	51.0
%RSD	.87182	.11830	3.9199	5.0291	1.3241
#1	2977.0	61761.	4902.6	107.81	3818.5
#2	3013.9	61864.	4638.2	100.40	3890.7

Sample Name: J5187-01 Acquired: 10/2/2018 15:04:02 Type: Unk
 Method: P4-ICP2(v2469) 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	.00650	.00135	-.00090	-.00112	-.00359	-.01838	.02298	.00002
Stddev	.00143	.00035	.00029	.00267	.00053	.01248	.00207	.00010
%RSD	22.017	26.262	32.476	238.82	14.872	67.899	8.9878	650.73
#1	.00549	.00160	-.00110	.00077	-.00322	-.02721	.02444	-.00005
#2	.00751	.00110	-.00069	-.00300	-.00397	-.00956	.02152	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00022	54.535	-.00133	-.00027	.00126	-.01116	.00374	116.50
Stddev	.00009	2.283	.00016	.00032	.00005	.00846	.00021	4.42
%RSD	41.518	4.1867	12.010	117.27	3.6751	75.868	5.5187	3.7976
#1	-.00016	56.150	-.00122	-.00049	.00129	-.00517	.00359	119.63
#2	-.00029	52.921	-.00144	-.00005	.00122	-.01714	.00388	113.37

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00078	.00013	848.17	.00096	-.00073	38.991	.00087	.42133
Stddev	.00026	.00014	28.79	.00009	.00006	1.413	.00008	.02132
%RSD	33.430	109.66	3.3941	9.6570	8.3363	3.6246	8.9239	5.0603
#1	-.00060	.00003	868.52	.00089	-.00077	39.990	.00081	.43641
#2	-.00097	.00022	827.81	.00102	-.00068	37.991	.00092	.40626

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	90.146	.82683	-.03341	.00039	.02292	.0697	.74086	4.3728
Stddev	1.361	.02425	.00060	.00058	.00373	.0001	.03043	.5157
%RSD	1.5093	2.9327	1.7973	151.15	16.251	.0894	4.1070	11.793
#1	89.184	.84397	-.03299	.00080	.02556	.0697	.76238	4.0082
#2	91.109	.80968	-.03384	-.00003	.02029	.0698	.71935	4.7374

Elem	U_3859
Units	ppm
Avg	3.2017
Stddev	.0236
%RSD	.73655
#1	3.1850
#2	3.2183

Sample Name: J5187-01 Acquired: 10/2/2018 15:04:02 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3026.9	63594.	4800.1	105.77	3914.6
Stddev	33.2	3327.	170.9	5.25	45.1
%RSD	1.0981	5.2312	3.5612	4.9614	1.1510
#1	3050.4	65946.	4679.2	102.06	3946.4
#2	3003.4	61242.	4920.9	109.48	3882.7

Sample Name: J5186-02 Acquired: 10/2/2018 15:08:09 Type: Unk
Method: P4-ICP2(v2469) 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	.00703	.00248	.00015	.00578	-.00334	-.02268	.02159	.00008
Stddev	.00163	.00032	.00026	.00164	.00021	.00291	.00088	.00005
%RSD	23.110	12.997	167.67	28.309	6.2817	12.813	4.0923	57.826

#1	.00818	.00225	-.00003	.00462	-.00349	-.02474	.02096	.00005
#2	.00588	.00270	.00033	.00693	-.00319	-.02063	.02221	.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	57.802	-.00171	-.00054	.00074	-.01240	.00729	130.10
Stddev	.00001	.074	.00034	.00029	.00022	.00392	.00004	.92
%RSD	5.5433	.12853	20.129	54.447	29.668	31.612	.60671	.70824

#1	-.00009	57.750	-.00195	-.00075	.00059	-.01517	.00726	129.45
#2	-.00010	57.855	-.00147	-.00033	.00090	-.00963	.00732	130.75

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00106	-.00015	932.26	.00149	-.00029	43.906	.00092	.47471
Stddev	.00038	.00017	8.54	.00049	.00000	.029	.00004	.00320
%RSD	36.217	113.10	.91644	32.837	.05054	.06597	4.0610	.67466

#1	-.00133	-.00003	938.30	.00115	-.00029	43.885	.00095	.47697
#2	-.00078	-.00026	926.22	.00184	-.00029	43.926	.00090	.47244

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	104.56	.81174	-.03754	.00258	.02435	.0724	.81912	4.7828
Stddev	4.41	.00064	.00051	.00257	.00090	.0038	.00043	.5422
%RSD	4.2138	.07935	1.3561	99.590	3.6901	5.212	.05252	11.336

#1	107.68	.81129	-.03790	.00076	.02372	.0750	.81942	5.1662
#2	101.45	.81220	-.03718	.00440	.02499	.0697	.81882	4.3994

Elem	U_3859
Units	ppm
Avg	3.8905
Stddev	.3797
%RSD	9.7585

#1	3.6221
#2	4.1590

Sample Name: J5186-02 Acquired: 10/2/2018 15:08:09 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2949.0	61711.	4865.6	109.38	3787.1
Stddev	84.5	15.	1.0	1.28	135.2
%RSD	2.8655	.02394	.02110	1.1666	3.5690
#1	2889.3	61701.	4866.3	108.48	3691.5
#2	3008.8	61722.	4864.9	110.28	3882.6

Sample Name: J5186-03 Acquired: 10/2/2018 15:12:15 Type: Unk
Method: P4-ICP2(v2469) 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	.00480	.00055	-.00017	.00101	-.00389	-.02628	.02196	.00012
Stddev	.00179	.00107	.00058	.00033	.00278	.00030	.00096	.00000
%RSD	37.276	193.42	340.03	32.420	71.423	1.1426	4.3839	1.8985

#1	.00606	-.00020	.00024	.00125	-.00586	-.02650	.02264	.00012
#2	.00353	.00130	-.00058	.00078	-.00193	-.02607	.02128	.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00020	57.370	-.00172	-.00038	.00089	-.01333	.00699	128.96
Stddev	.00005	.361	.00018	.00027	.00064	.00449	.00143	.71
%RSD	24.841	.62845	10.176	71.034	72.609	33.658	20.487	.54990

#1	-.00024	57.115	-.00185	-.00057	.00043	-.01016	.00801	129.46
#2	-.00017	57.625	-.00160	-.00019	.00134	-.01651	.00598	128.46

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00104	-.00019	921.76	.00152	-.00049	43.586	.00094	.46551
Stddev	.00011	.00086	.74	.00020	.00001	.319	.00013	.00218
%RSD	10.869	455.59	.08032	12.984	1.3348	.73079	13.371	.46908

#1	-.00112	.00042	921.24	.00166	-.00049	43.360	.00103	.46397
#2	-.00096	-.00079	922.29	.00138	-.00048	43.811	.00085	.46706

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	99.610	.81072	-.03673	.00116	.02394	.0721	.81117	5.5206
Stddev	.116	.01635	.00012	.00279	.00340	.0015	.00390	2.2595
%RSD	.11650	2.0172	.31729	241.29	14.220	2.070	.48108	40.928

#1	99.528	.82228	-.03682	.00313	.02153	.0732	.80841	7.1183
#2	99.692	.79915	-.03665	-.00082	.02635	.0710	.81393	3.9229

Elem	U_3859
Units	ppm
Avg	3.3707
Stddev	.0351
%RSD	1.0421

#1	3.3459
#2	3.3956

Sample Name: J5186-03 Acquired: 10/2/2018 15:12:15 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3032.8	59101.	4860.2	107.37	3905.4
Stddev	7.0	10217.	40.0	.01	9.4
%RSD	.23196	17.287	.82289	.00995	.24037
#1	3027.8	51877.	4888.4	107.37	3898.8
#2	3037.8	66325.	4831.9	107.36	3912.0

Sample Name: J5186-04 Acquired: 10/2/2018 15:16:23 Type: Unk
Method: P4-ICP2(v2469) 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	.00659	.00060	-.00148	.00096	-.00451	-.01593	.02239	.00006
Stddev	.00068	.00138	.00049	.00024	.00171	.02420	.00616	.00010
%RSD	10.311	232.17	33.075	25.054	37.922	151.86	27.530	147.60

#1	.00707	.00157	-.00114	.00079	-.00330	.00118	.01803	.00013
#2	.00611	-.00038	-.00183	.00113	-.00572	-.03304	.02674	-.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	59.906	-.00151	-.00033	.00084	-.01485	.01026	136.77
Stddev	.00011	9.819	.00024	.00038	.00034	.01575	.00006	22.70
%RSD	97.849	16.390	15.632	112.21	40.333	106.01	.56281	16.595

#1	-.00019	52.964	-.00168	-.00060	.00060	-.00372	.01022	120.72
#2	-.00004	66.849	-.00134	-.00007	.00108	-.02599	.01031	152.82

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00092	.00038	975.29	.00159	-.00072	46.295	.00098	.49437
Stddev	.00055	.00025	154.18	.00048	.00001	7.144	.00015	.08463
%RSD	60.189	64.365	15.808	30.230	1.4915	15.431	15.655	17.119

#1	-.00131	.00056	866.27	.00125	-.00071	41.244	.00087	.43453
#2	-.00053	.00021	1084.3	.00193	-.00073	51.347	.00108	.55422

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	101.22	.82524	-.03662	.00160	.02731	.0719	.85764	5.1872
Stddev	4.37	.12678	.00207	.00083	.00968	.0042	.14173	.3016
%RSD	4.3156	15.363	5.6489	52.228	35.449	5.895	16.525	5.8153

#1	104.31	.73559	-.03809	.00219	.02047	.0749	.75742	5.4005
#2	98.128	.91488	-.03516	.00101	.03416	.0689	.95786	4.9739

Elem	U_3859
Units	ppm
Avg	3.6773
Stddev	.4337
%RSD	11.793

#1	3.9840
#2	3.3707

Sample Name: J5186-04 Acquired: 10/2/2018 15:16:23 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3112.5	61019.	4843.1	106.71	4020.9
Stddev	82.6	228.	691.9	13.18	142.4
%RSD	2.6538	.37347	14.285	12.353	3.5414
#1	3054.1	60858.	5332.3	116.03	3920.2
#2	3170.9	61180.	4353.9	97.387	4121.6

Sample Name: J5186-05 Acquired: 10/2/2018 15:20:31 Type: Unk
Method: P4-ICP2(v2469) 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	.00798	.00157	.00073	.00374	-.00339	-.00660	.02355	.00004
Stddev	.00224	.00091	.00029	.00297	.00114	.01292	.00007	.00008
%RSD	28.060	58.100	40.095	79.501	33.460	195.86	.31198	201.46
#1	.00639	.00092	.00094	.00164	-.00259	-.01573	.02360	.00009
#2	.00956	.00221	.00052	.00584	-.00420	.00254	.02349	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	59.204	-.00142	-.00038	.00152	-.01653	.01076	136.56
Stddev	.00006	.326	.00011	.00005	.00005	.00445	.00038	.51
%RSD	41.988	.55072	7.4612	12.683	3.3862	26.948	3.4884	.37701
#1	-.00017	59.434	-.00149	-.00035	.00148	-.01968	.01102	136.92
#2	-.00009	58.973	-.00134	-.00041	.00156	-.01338	.01049	136.20

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00145	.00019	948.47	.00178	-.00000	45.746	.00101	.49914
Stddev	.00005	.00037	3.87	.00047	.00004	.160	.00002	.00316
%RSD	3.5793	197.08	.40853	26.682	1664.0	.34988	2.4169	.63256
#1	-.00149	-.00007	951.21	.00211	.00002	45.859	.00103	.49691
#2	-.00141	.00044	945.73	.00144	-.00003	45.633	.00100	.50137

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	110.43	.80152	-.03990	.00248	.02753	.0783	.84586	4.7410
Stddev	3.21	.01077	.00164	.00244	.00092	.0058	.00191	.1172
%RSD	2.9056	1.3436	4.1227	98.535	3.3271	7.403	.22528	2.4726
#1	108.16	.80914	-.03873	.00421	.02818	.0742	.84720	4.6581
#2	112.70	.79391	-.04106	.00075	.02689	.0823	.84451	4.8239

Elem	U_3859
Units	ppm
Avg	3.3685
Stddev	.1807
%RSD	5.3655
#1	3.2407
#2	3.4963

Sample Name: J5186-05 Acquired: 10/2/2018 15:20:31 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2923.4	62967.	4866.7	107.43	3750.1
Stddev	73.2	1346.	20.2	.94	98.1
%RSD	2.5054	2.1369	.41452	.87924	2.6149
#1	2975.2	62015.	4852.4	106.76	3819.5
#2	2871.6	63918.	4880.9	108.10	3680.8

Sample Name: J5186-06 Acquired: 10/2/2018 15:24:39 Type: Unk
 Method: P4-ICP2(v2469) 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	.00742	.00229	-.00065	.00269	-.00331	-.01215	.02195	.00012
Stddev	.00325	.00169	.00146	.00301	.00046	.01678	.00105	.00004
%RSD	43.801	73.855	224.74	111.97	13.942	138.10	4.8005	38.142

#1	.00512	.00109	.00038	.00056	-.00298	-.00029	.02270	.00015
#2	.00972	.00348	-.00168	.00481	-.00364	-.02401	.02121	.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00020	57.955	-.00188	-.00037	.00106	-.02076	.00596	132.16
Stddev	.00005	.299	.00042	.00033	.00001	.00335	.00014	2.29
%RSD	23.299	.51562	22.202	88.641	.55955	16.136	2.3703	1.7325

#1	-.00024	58.166	-.00217	-.00014	.00106	-.02313	.00606	133.78
#2	-.00017	57.743	-.00158	-.00060	.00107	-.01839	.00586	130.55

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00113	-.00038	920.97	.00070	.00011	44.565	.00091	.48208
Stddev	.00008	.00008	11.96	.00019	.00008	.205	.00026	.00635
%RSD	7.1240	21.820	1.2989	27.132	69.403	.46067	28.346	1.3180

#1	-.00108	-.00032	929.43	.00057	.00006	44.710	.00073	.48657
#2	-.00119	-.00044	912.52	.00084	.00017	44.420	.00109	.47759

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	102.92	.80817	-.03791	.00057	.02734	.0722	.82283	6.1335
Stddev	1.25	.00373	.00011	.00072	.00127	.0011	.00492	.2372
%RSD	1.2097	.46178	.29725	127.24	4.6576	1.523	.59785	3.8669

#1	102.04	.81081	-.03799	.00108	.02644	.0714	.82631	6.3013
#2	103.80	.80553	-.03783	.00006	.02824	.0730	.81935	5.9658

Elem	U_3859
Units	ppm
Avg	3.5080
Stddev	.1292
%RSD	3.6841

#1	3.5993
#2	3.4166

Sample Name: J5186-06 Acquired: 10/2/2018 15:24:39 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3041.0	58404.	4851.8	106.68	3901.7
Stddev	43.8	1073.	18.0	1.64	46.0
%RSD	1.4392	1.8373	.37104	1.5362	1.1787
#1	3071.9	57645.	4839.1	105.52	3934.2
#2	3010.0	59163.	4864.6	107.84	3869.2

Sample Name: J5186-07 Acquired: 10/2/2018 15:28:47 Type: Unk
Method: P4-ICP2(v2469) 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	.00670	.00308	-.00024	.00124	-.00205	-.01327	.02239	.00002
Stddev	.00185	.00058	.00003	.00623	.00113	.00434	.00098	.00003
%RSD	27.585	18.862	13.649	502.70	55.101	32.682	4.3754	131.06
#1	.00540	.00267	-.00026	-.00317	-.00285	-.01634	.02170	.00000
#2	.00801	.00350	-.00022	.00565	-.00125	-.01020	.02309	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00024	59.049	-.00136	-.00042	.00144	-.00566	.00773	133.76
Stddev	.00006	1.418	.00004	.00008	.00055	.00402	.00001	2.40
%RSD	27.484	2.4020	3.2344	18.653	38.424	70.953	.15263	1.7922
#1	-.00028	58.046	-.00132	-.00048	.00105	-.00850	.00772	132.07
#2	-.00019	60.052	-.00139	-.00036	.00183	-.00282	.00774	135.46

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00095	-.00065	939.69	.00090	-.00032	45.366	.00103	.46809
Stddev	.00049	.00018	10.14	.00026	.00003	1.080	.00006	.00903
%RSD	52.180	28.224	1.0793	29.097	10.286	2.3795	5.4842	1.9290
#1	-.00060	-.00052	932.52	.00072	-.00035	44.602	.00099	.46170
#2	-.00129	-.00078	946.86	.00109	-.00030	46.129	.00107	.47447

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	102.98	.81347	-.03835	.00014	.02708	.0724	.84030	4.8548
Stddev	.83	.02519	.00080	.00103	.00457	.0022	.02031	.0418
%RSD	.80938	3.0966	2.0845	741.31	16.867	3.068	2.4164	.86090
#1	102.40	.79566	-.03779	.00087	.02385	.0739	.82594	4.8252
#2	103.57	.83128	-.03892	-.00059	.03032	.0708	.85466	4.8843

Elem	U_3859
Units	ppm
Avg	3.5968
Stddev	.5531
%RSD	15.377
#1	3.2057
#2	3.9879

Sample Name: J5186-07 Acquired: 10/2/2018 15:28:47 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3051.8	61554.	4821.4	107.17	3919.2
Stddev	19.1	23.	124.9	2.62	35.9
%RSD	.62715	.03753	2.5896	2.4446	.91483
#1	3065.3	61537.	4909.6	109.02	3944.5
#2	3038.3	61570.	4733.1	105.32	3893.8

Sample Name: J5186-08 Acquired: 10/2/2018 15:32:55 Type: Unk
Method: P4-ICP2(v2469) 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	.00641	.00037	.00021	.00459	-.00250	-.00254	.02279	.00011
Stddev	.00149	.00075	.00046	.00297	.00048	.00418	.00031	.00003
%RSD	23.229	201.58	220.81	64.845	19.331	164.84	1.3503	30.651

#1	.00746	-.00016	-.00012	.00669	-.00284	-.00550	.02300	.00013
#2	.00535	.00090	.00053	.00248	-.00216	.00042	.02257	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	58.808	-.00100	-.00039	.00116	-.01268	.00721	133.82
Stddev	.00009	.477	.00010	.00020	.00018	.00950	.00003	.84
%RSD	122.79	.81195	10.007	52.185	15.586	74.941	.38812	.63063

#1	-.00001	59.146	-.00107	-.00053	.00103	-.00596	.00719	134.42
#2	-.00014	58.470	-.00093	-.00024	.00128	-.01940	.00723	133.22

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00117	-.00043	917.44	.00154	-.00049	45.194	.00056	.48677
Stddev	.00112	.00062	1.56	.00049	.00001	.290	.00019	.02713
%RSD	95.538	143.70	.17000	31.761	2.0943	.64082	32.956	5.5727

#1	-.00038	-.00086	918.54	.00119	-.00050	45.399	.00070	.50595
#2	-.00196	.00001	916.34	.00188	-.00049	44.990	.00043	.46759

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	102.19	.81435	-.03811	.00216	.02629	.0715	.83636	4.8947
Stddev	.47	.02037	.00021	.00032	.00159	.0002	.00582	.0634
%RSD	.46011	2.5011	.55253	14.854	6.0583	.2384	.69631	1.2945

#1	101.86	.82876	-.03796	.00239	.02516	.0713	.84048	4.9395
#2	102.53	.79995	-.03825	.00194	.02742	.0716	.83224	4.8499

Elem	U_3859
Units	ppm
Avg	3.6041
Stddev	.2099
%RSD	5.8237

#1	3.7525
#2	3.4557

Sample Name: J5186-08 Acquired: 10/2/2018 15:32:55 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3086.3	61203.	4839.3	105.64	3940.7
Stddev	6.7	101.	33.6	2.15	15.5
%RSD	.21772	.16439	.69373	2.0338	.39332
#1	3091.0	61274.	4815.6	104.12	3951.7
#2	3081.5	61132.	4863.0	107.15	3929.8

Sample Name: J5186-09 Acquired: 10/2/2018 15:37:02 Type: Unk
Method: P4-ICP2(v2469) 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	.01004	.00304	.00100	.00123	-.00406	-.01325	.02152	-.00000
Stddev	.00359	.00106	.00061	.00198	.00027	.00825	.00038	.00004
%RSD	35.818	34.972	60.847	161.18	6.7272	62.308	1.7786	14557.
#1	.01258	.00229	.00143	.00263	-.00426	-.00741	.02125	-.00003
#2	.00749	.00380	.00057	-.00017	-.00387	-.01908	.02179	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00020	58.306	-.00115	-.00033	.00108	-.01499	.00854	133.98
Stddev	.00001	1.235	.00006	.00005	.00023	.00212	.00010	1.64
%RSD	2.6789	2.1184	5.6067	15.351	20.968	14.156	1.1860	1.2236
#1	-.00020	59.179	-.00110	-.00036	.00092	-.01649	.00861	135.14
#2	-.00021	57.432	-.00119	-.00029	.00124	-.01349	.00847	132.82

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00187	.00056	923.39	.00153	-.00064	45.200	.00097	.49315
Stddev	.00142	.00030	26.49	.00040	.00003	.805	.00017	.01566
%RSD	75.925	53.735	2.8688	26.187	5.0483	1.7814	17.386	3.1757
#1	-.00287	.00078	942.12	.00181	-.00061	45.770	.00109	.50422
#2	-.00087	.00035	904.66	.00125	-.00066	44.631	.00085	.48208

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	111.82	.78649	-.04102	.00019	.02497	.0781	.83392	4.8774
Stddev	9.58	.01368	.00375	.00057	.00196	.0080	.01730	.4798
%RSD	8.5631	1.7391	9.1528	296.02	7.8660	10.21	2.0751	9.8377
#1	118.59	.79616	-.04368	-.00021	.02636	.0838	.84616	5.2167
#2	105.05	.77682	-.03837	.00059	.02358	.0725	.82169	4.5381

Elem	U_3859
Units	ppm
Avg	3.4409
Stddev	.2816
%RSD	8.1826
#1	3.2418
#2	3.6400

Sample Name: J5186-09 Acquired: 10/2/2018 15:37:02 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2906.7	61988.	4926.5	108.50	3726.3
Stddev	204.1	1439.	70.8	1.19	264.2
%RSD	7.0233	2.3217	1.4376	1.0942	7.0891
#1	2762.3	60971.	4876.4	107.66	3539.5
#2	3051.0	63006.	4976.5	109.34	3913.1

Sample Name: CCV05 Acquired: 10/2/2018 15:41:09 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9500	5.0358	4.9347	4.9905	5.0469	10.230	10.205	.24977	2.4913
Stddev	.0040	.0175	.0118	.0069	.0033	.011	.041	.00053	.0021
%RSD	.08053	.34740	.23883	.13925	.06497	.11125	.39958	.21381	.08229

#1	4.9472	5.0235	4.9430	4.9856	5.0492	10.222	10.234	.24939	2.4928
#2	4.9529	5.0482	4.9264	4.9954	5.0446	10.238	10.176	.25015	2.4899

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.251	.98658	2.4687	1.2568	4.8885	2.5392	24.710	2.4702	1.2286
Stddev	.167	.00369	.0007	.0010	.0523	.0010	.065	.0007	.0029
%RSD	.66163	.37431	.02904	.07532	1.0704	.03940	.26282	.02881	.23510

#1	25.369	.98920	2.4692	1.2561	4.9255	2.5385	24.756	2.4707	1.2307
#2	25.133	.98397	2.4682	1.2574	4.8515	2.5399	24.664	2.4696	1.2266

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.517	2.5011	2.5081	25.983	5.0495	5.1360	5.2016	4.8123	4.9113
Stddev	.002	.0003	.0316	.004	.0054	.0123	.0083	.0422	.0063
%RSD	.00744	.01156	1.2615	.01565	.10608	.23846	.16034	.87704	.12927

#1	24.516	2.5009	2.5305	25.986	5.0457	5.1273	5.2075	4.8422	4.9158
#2	24.518	2.5014	2.4857	25.980	5.0533	5.1446	5.1957	4.7825	4.9069

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	4.9903	6.1694	5.140	5.0084	2.8640	3.4375			
Stddev	.0044	.0084	.006	.0210	.1147	.5160			
%RSD	.08886	.13549	.1136	.41825	4.0054	15.011			

#1	4.9872	6.1753	5.136	5.0232	2.9451	3.0726			
#2	4.9934	6.1635	5.144	4.9935	2.7829	3.8024			

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306				
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S				
Avg	3308.2	69145.	4993.9	109.68	4393.5				
Stddev	1.3	189.	34.7	1.53	8.2				
%RSD	.03804	.27313	.69565	1.3954	.18676				

#1	3307.3	69278.	4969.4	108.60	4387.7				
#2	3309.0	69011.	5018.5	110.76	4399.3				

Sample Name: CCB05 Acquired: 10/2/2018 15:44:55 Type: Unk
Method: P4-ICP2(v2469) 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	.00078	.00203	-.00222	.00054	-.00225	-.00317	.00296	-.00007
Stddev	.00098	.00074	.00018	.00207	.00124	.00635	.00056	.00009
%RSD	126.14	36.326	7.9573	382.44	55.053	200.14	18.949	130.31

#1	.00008	.00255	-.00210	.00200	-.00137	-.00766	.00336	-.00001
#2	.00147	.00151	-.00235	-.00092	-.00313	.00132	.00256	-.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	-.00502	-.00088	.00018	-.00049	.00352	-.00011	-.00609
Stddev	.00002	.01937	.00006	.00008	.00013	.01331	.00002	.00039
%RSD	18.816	385.75	6.2643	42.982	25.317	377.97	15.583	6.3558

#1	.00012	.00868	-.00092	.00012	-.00058	-.00589	-.00010	-.00636
#2	.00009	-.01872	-.00084	.00023	-.00041	.01294	-.00012	-.00582

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00108	-.00105	.21199	.00036	-.00092	.04519	.00023	.00584
Stddev	.00034	.00012	.02240	.00019	.00003	.04913	.00027	.01058
%RSD	31.709	11.329	10.565	52.341	3.5506	108.73	120.36	181.26

#1	.00084	-.00097	.19615	.00049	-.00095	.07993	.00042	.01332
#2	.00132	-.00114	.22782	.00023	-.00090	.01045	.00003	-.00164

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09009	-.00756	-.00033	.00251	-.00719	-.0029	.00006	1.2243
Stddev	.00866	.00035	.00005	.00187	.00172	.0005	.00007	.1964
%RSD	9.6182	4.6213	15.884	74.520	23.957	18.33	106.40	16.042

#1	.09622	-.00731	-.00030	.00119	-.00597	-.0032	.00002	1.0854
#2	.08396	-.00780	-.00037	.00384	-.00841	-.0025	.00011	1.3631

Elem	U_3859
Units	ppm
Avg	1.4035
Stddev	.3342
%RSD	23.809

#1	1.6397
#2	1.1672

Sample Name: CCB05 Acquired: 10/2/2018 15:44:55 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3469.5	72324.	5034.9	112.03	4961.4
Stddev	3.9	67.	12.6	3.96	6.1
%RSD	.11118	.09323	.25075	3.5366	.12333
#1	3472.2	72276.	5043.8	114.83	4965.7
#2	3466.8	72371.	5026.0	109.23	4957.1

Sample Name: J5186-01DUP Acquired: 10/2/2018 15:48:59 Type: Unk
Method: P4-ICP2(v2469) 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	.00683	.00179	-.00098	.00230	-.00316	-.01047	.02251	-.00000
Stddev	.00315	.00045	.00007	.00625	.00046	.00103	.00034	.00001
%RSD	46.114	25.359	6.8766	271.68	14.680	9.8170	1.4934	547.86
#1	.00906	.00211	-.00103	-.00212	-.00284	-.00975	.02275	.00000
#2	.00460	.00147	-.00093	.00672	-.00349	-.01120	.02228	-.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00018	58.004	-.00146	-.00049	.00107	-.01643	.00653	131.59
Stddev	.00008	.781	.00044	.00001	.00005	.00382	.00005	1.01
%RSD	47.312	1.3459	29.926	2.6593	4.5264	23.215	.74039	.76442
#1	-.00012	58.556	-.00115	-.00048	.00111	-.01913	.00650	132.30
#2	-.00024	57.452	-.00177	-.00050	.00104	-.01374	.00657	130.88

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00118	-.00002	952.47	.00121	-.00025	43.810	.00083	.48078
Stddev	.00003	.00032	29.84	.00001	.00005	.617	.00000	.00957
%RSD	2.1602	1609.6	3.1335	1.1683	20.633	1.4080	.55469	1.9909
#1	-.00120	.00021	973.57	.00120	-.00022	44.247	.00083	.48754
#2	-.00116	-.00025	931.37	.00122	-.00029	43.374	.00083	.47401

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	100.55	.80652	-.03703	.00165	.02981	.0690	.82044	5.0682
Stddev	4.97	.02145	.00263	.00019	.00141	.0057	.01194	.0595
%RSD	4.9401	2.6598	7.0972	11.461	4.7169	8.291	1.4558	1.1731
#1	97.042	.82169	-.03517	.00151	.03080	.0650	.82888	5.1103
#2	104.07	.79135	-.03889	.00178	.02881	.0731	.81199	5.0262

Elem	U_3859
Units	ppm
Avg	3.9913
Stddev	.1416
%RSD	3.5464
#1	3.8912
#2	4.0914

Sample Name: J5186-01DUP Acquired: 10/2/2018 15:48:59 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3116.9	61752.	4866.9	108.68	3978.9
Stddev	129.1	220.	67.8	1.41	165.6
%RSD	4.1413	.35605	1.3928	1.2948	4.1627
#1	3208.2	61908.	4819.0	107.69	4096.0
#2	3025.7	61597.	4914.8	109.68	3861.8

Sample Name: J5187-01DUP Acquired: 10/2/2018 15:53:05 Type: Unk
Method: P4-ICP2(v2469) 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	.00431	.00394	.00124	.00204	-.00419	.01063	.02265	.00009
Stddev	.00100	.00186	.00117	.00056	.00098	.00432	.00021	.00004
%RSD	23.226	47.124	94.573	27.464	23.470	40.628	.93608	40.001
#1	.00502	.00525	.00207	.00244	-.00349	.01368	.02280	.00011
#2	.00360	.00263	.00041	.00164	-.00488	.00758	.02250	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00027	52.936	-.00164	-.00044	.00100	-.01365	.00371	113.83
Stddev	.00004	.376	.00004	.00041	.00024	.00251	.00012	.19
%RSD	16.265	.70943	2.3495	94.122	24.299	18.355	3.2634	.17078
#1	-.00030	53.201	-.00166	-.00073	.00117	-.01543	.00380	113.97
#2	-.00023	52.670	-.00161	-.00015	.00082	-.01188	.00363	113.70

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00128	-.00051	840.58	.00123	-.00080	38.052	.00101	.42045
Stddev	.00048	.00029	9.62	.00035	.00013	.207	.00018	.02230
%RSD	37.826	57.022	1.1440	28.577	16.832	.54322	17.575	5.3029
#1	-.00162	-.00071	847.38	.00098	-.00070	38.198	.00114	.43622
#2	-.00094	-.00030	833.78	.00148	-.00089	37.906	.00089	.40469

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	89.694	.80534	-.03329	.00053	.02139	.0695	.71612	4.6763
Stddev	.611	.00009	.00096	.00005	.00051	.0010	.00547	1.1289
%RSD	.68148	.01174	2.8740	8.8298	2.3748	1.439	.76402	24.140
#1	90.126	.80541	-.03396	.00049	.02175	.0703	.71999	5.4745
#2	89.261	.80527	-.03261	.00056	.02103	.0688	.71225	3.8781

Elem	U_3859
Units	ppm
Avg	3.8730
Stddev	.3698
%RSD	9.5491
#1	3.6115
#2	4.1345

Sample Name: J5187-01DUP Acquired: 10/2/2018 15:53:05 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3029.0	63126.	4856.4	109.71	3896.8
Stddev	2.8	1344.	33.6	6.51	18.3
%RSD	.09209	2.1298	.69087	5.9339	.46863
#1	3027.1	62175.	4832.7	105.11	3883.9
#2	3031.0	64077.	4880.1	114.32	3909.8

Sample Name: J5186-01LX5 Acquired: 10/2/2018 15:57:12 Type: Unk
Method: P4-ICP2(v2469) 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	.00124	-.00131	-.00124	-.00207	.00045	.00751	.00009
Stddev	.00024	.00040	.00018	.00014	.00032	.00727	.00003	.00008
%RSD	67.177	32.667	13.380	11.593	15.487	1619.0	.35667	89.718

#1	.00019	.00095	-.00118	-.00134	-.00185	.00559	.00753	.00003
#2	.00053	.00152	-.00143	-.00113	-.00230	-.00469	.00749	.00015

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	11.942	-.00133	-.00027	-.00015	-.00182	.00124	26.175
Stddev	.00002	.011	.00075	.00000	.00003	.01664	.00003	.267
%RSD	31.690	.09370	56.432	.88327	21.871	912.35	2.3206	1.0188

#1	-.00006	11.950	-.00080	-.00027	-.00012	-.01359	.00122	25.987
#2	-.00004	11.934	-.00187	-.00027	-.00017	.00994	.00126	26.364

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00025	-.00034	207.85	.00079	-.00074	8.6818	-.00008	.09669
Stddev	.00012	.00016	3.53	.00015	.00003	.0140	.00037	.00470
%RSD	45.779	45.731	1.6966	18.352	4.3286	.16114	478.73	4.8622

#1	-.00017	-.00023	205.36	.00069	-.00072	8.6719	.00018	.09336
#2	-.00033	-.00045	210.35	.00090	-.00076	8.6917	-.00034	.10001

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.172	.15819	-.00724	.00176	.00128	.0095	.16713	3.1953
Stddev	.119	.00250	.00021	.00165	.00167	.0028	.00046	.3730
%RSD	.61916	1.5784	2.9366	93.449	130.95	29.43	.27819	11.674

#1	19.256	.15642	-.00709	.00293	.00246	.0115	.16680	2.9315
#2	19.088	.15995	-.00739	.00060	.00009	.0076	.16746	3.4590

Elem	U_3859
Units	ppm
Avg	2.1827
Stddev	.1442
%RSD	6.6062

#1	2.2846
#2	2.0807

Sample Name: J5186-01LX5 Acquired: 10/2/2018 15:57:12 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3257.7	66920.	4966.4	110.84	4345.2
Stddev	18.9	324.	10.0	2.61	30.6
%RSD	.57908	.48342	.20127	2.3508	.70459
#1	3244.4	67149.	4973.5	108.99	4323.6
#2	3271.1	66691.	4959.3	112.68	4366.9

Sample Name: J5186-01MS Acquired: 10/2/2018 16:01:19 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.80133	1.8029	.92145	1.9957	.76190	2.0113	.20962	.20092	.19069
Stddev	.00201	.0168	.00645	.0096	.00859	.0403	.00132	.00071	.00150
%RSD	.25093	.92889	.69983	.48251	1.1271	2.0011	.63110	.35193	.78915

#1	.79991	1.7911	.91689	1.9889	.75582	1.9828	.21056	.20042	.18962
#2	.80276	1.8147	.92601	2.0025	.76797	2.0398	.20869	.20142	.19175

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	59.073	.36637	.18515	.27444	2.7085	.19493	132.97	.45848	.06856
Stddev	.555	.00107	.00178	.00145	.0539	.00097	.56	.00251	.00105
%RSD	.94020	.29276	.96235	.52813	1.9881	.49804	.42446	.54718	1.5259

#1	59.465	.36561	.18389	.27342	2.7466	.19425	133.37	.45671	.06782
#2	58.680	.36713	.18641	.27547	2.6705	.19562	132.57	.46025	.06930

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	963.01	.28761	.18841	53.881	.37376	.74864	103.17	1.6488	.62520
Stddev	17.31	.00096	.00373	.367	.00204	.00934	1.05	.0162	.00358
%RSD	1.7976	.33415	1.9812	.68155	.54671	1.2470	1.0154	.98023	.57202

#1	975.25	.28693	.19105	54.141	.37232	.75524	102.43	1.6602	.62267
#2	950.76	.28829	.18577	53.621	.37520	.74203	103.91	1.6374	.62773

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.18741	.40063	6.484	1.0046	4.7589	3.9501			
Stddev	.00088	.00079	.057	.0047	.2287	.1445			
%RSD	.47144	.19767	.8754	.46859	4.8063	3.6576			

#1	.18679	.40007	6.443	1.0079	4.5972	4.0523			
#2	.18803	.40119	6.524	1.0013	4.9207	3.8480			

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306				
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S				
Avg	2991.3	61497.	4779.7	104.07	3823.3				
Stddev	12.9	366.	35.9	2.05	30.5				
%RSD	.43199	.59505	.75040	1.9714	.79765				

#1	3000.5	61756.	4754.3	102.62	3844.9				
#2	2982.2	61238.	4805.1	105.52	3801.7				

Sample Name: J5186-01MSD Acquired: 10/2/2018 16:05:12 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.78394	1.7816	.91084	1.9662	.74700	2.0117	.21024	.20045	.18822
Stddev	.00113	.0019	.00098	.0066	.00456	.0187	.00092	.00021	.00054
%RSD	.14437	.10362	.10806	.33466	.61104	.92916	.43808	.10376	.28477

#1	.78474	1.7829	.91153	1.9616	.74377	2.0249	.21089	.20030	.18784
#2	.78314	1.7803	.91014	1.9709	.75022	1.9985	.20958	.20060	.18860

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	58.850	.36594	.18329	.27110	2.6665	.19429	132.43	.45292	.06793
Stddev	.269	.00213	.00082	.00015	.0001	.00028	.15	.00019	.00039
%RSD	.45750	.58228	.44965	.05395	.00215	.14305	.11499	.04257	.58141

#1	58.660	.36444	.18271	.27121	2.6665	.19410	132.54	.45279	.06821
#2	59.041	.36745	.18388	.27100	2.6666	.19449	132.32	.45306	.06765

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	943.05	.28449	.18603	53.922	.36713	.73891	101.85	1.6461	.61276
Stddev	.11	.00216	.00057	.246	.00158	.00577	.22	.0024	.00216
%RSD	.01135	.75961	.30490	.45618	.42949	.78130	.21950	.14430	.35260

#1	942.98	.28297	.18643	53.748	.36602	.74299	101.69	1.6478	.61124
#2	943.13	.28602	.18562	54.096	.36825	.73483	102.01	1.6445	.61429

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.18562	.39932	6.376	1.0040	4.9019	4.1898			
Stddev	.00038	.00149	.021	.0050	.3297	.2369			
%RSD	.20494	.37403	.3317	.50029	6.7255	5.6545			

#1	.18589	.40037	6.361	1.0004	4.6688	4.3573			
#2	.18536	.39826	6.391	1.0075	5.1350	4.0223			

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306				
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S				
Avg	3020.7	61732.	4786.8	104.85	3857.1				
Stddev	4.9	262.	33.1	.30	9.4				
%RSD	.16288	.42490	.69106	.28855	.24323				

#1	3024.1	61917.	4810.2	104.63	3863.7				
#2	3017.2	61546.	4763.4	105.06	3850.4				

Sample Name: J5186-01A Acquired: 10/2/2018 16:09:04 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.78956	1.7795	.91459	1.9727	.75799	2.0347	.20970	.20117	.18880
Stddev	.00456	.0031	.00361	.0117	.00514	.0121	.00005	.00126	.00034
%RSD	.57734	.17174	.39468	.59473	.67756	.59566	.02537	.62519	.17859

#1	.78633	1.7817	.91714	1.9644	.75436	2.0261	.20966	.20028	.18904
#2	.79278	1.7773	.91204	1.9810	.76162	2.0432	.20973	.20206	.18857

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	59.127	.36706	.18349	.27263	2.6575	.19507	132.17	.45499	.06807
Stddev	.093	.00149	.00090	.00022	.0137	.00029	.28	.00022	.00069
%RSD	.15732	.40477	.48964	.08150	.51440	.15005	.20888	.04927	1.0081

#1	59.192	.36601	.18413	.27247	2.6478	.19528	132.37	.45515	.06856
#2	59.061	.36811	.18285	.27279	2.6672	.19487	131.98	.45483	.06759

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	938.74	.28686	.18584	53.990	.37063	.74733	101.83	1.6594	.61719
Stddev	20.89	.00026	.00360	.164	.00090	.01321	.42	.0004	.00249
%RSD	2.2256	.08900	1.9368	.30308	.24416	1.7680	.41181	.02255	.40299

#1	953.52	.28668	.18330	54.105	.36999	.73799	102.12	1.6597	.61895
#2	923.97	.28704	.18839	53.874	.37127	.75668	101.53	1.6591	.61543

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.18712	.39931	6.390	1.0050	5.6069	3.9869			
Stddev	.00111	.00091	.004	.0024	.1114	.1952			
%RSD	.59196	.22770	.0569	.23631	1.9866	4.8966			

#1	.18791	.39996	6.392	1.0067	5.5282	4.1249			
#2	.18634	.39867	6.387	1.0034	5.6857	3.8489			

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306				
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S				
Avg	2993.9	61164.	4758.6	104.80	3841.0				
Stddev	3.8	22.	12.9	1.70	23.8				
%RSD	.12733	.03648	.27046	1.6228	.62002				

#1	2991.2	61179.	4749.5	106.00	3824.1				
#2	2996.6	61148.	4767.7	103.60	3857.8				

Sample Name: J5187-01LX5 Acquired: 10/2/2018 16:12:57 Type: Unk
Method: P4-ICP2(v2469) 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	.00220	.00182	-.00002	-.00024	.00131	-.00225	.00726	.00004
Stddev	.00135	.00013	.00112	.00442	.00109	.00422	.00071	.00003
%RSD	61.393	7.0006	4815.4	1844.4	83.303	188.03	9.8075	75.396
#1	.00124	.00173	.00077	-.00337	.00208	.00074	.00675	.00002
#2	.00315	.00191	-.00081	.00289	.00054	-.00523	.00776	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	10.655	-.00121	-.00024	.00016	.00496	.00067	22.192
Stddev	.00002	.132	.00031	.00010	.00028	.00974	.00004	.302
%RSD	23.907	1.2413	25.298	43.057	173.65	196.45	5.7297	1.3605
#1	-.00006	10.748	-.00142	-.00017	-.00004	-.00193	.00070	22.405
#2	-.00008	10.561	-.00099	-.00032	.00036	.01184	.00064	21.978

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00050	-.00003	176.95	.00118	-.00092	7.3821	.00043	.07843
Stddev	.00015	.00012	2.45	.00021	.00001	.1408	.00042	.00781
%RSD	29.986	472.92	1.3831	17.989	.64763	1.9072	97.879	9.9586
#1	-.00040	.00006	178.68	.00133	-.00092	7.4816	.00073	.07291
#2	-.00061	-.00011	175.22	.00103	-.00092	7.2825	.00013	.08396

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.167	.15865	-.00618	.00172	-.00454	.0086	.14338	3.1224
Stddev	.026	.00370	.00021	.00108	.00033	.0014	.00208	.4478
%RSD	.15956	2.3340	3.4049	62.934	7.2612	16.06	1.4496	14.341
#1	16.186	.16127	-.00603	.00095	-.00431	.0076	.14485	2.8058
#2	16.149	.15603	-.00633	.00248	-.00478	.0096	.14191	3.4390

Elem	U_3859							
Units	ppm							
Avg	2.3847							
Stddev	.0084							
%RSD	.35397							
#1	2.3787							
#2	2.3907							

Sample Name: J5187-01LX5 Acquired: 10/2/2018 16:12:57 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3290.7	67285.	4965.4	110.99	4406.0
Stddev	11.6	43.	82.2	.20	10.6
%RSD	.35239	.06362	1.6564	.17616	.24132
#1	3282.5	67254.	4907.3	110.85	4398.5
#2	3298.9	67315.	5023.6	111.13	4413.5

Sample Name: J5187-01MS Acquired: 10/2/2018 16:17:04 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.80010	1.8026	.92378	1.9953	.75903	2.0266	.21862	.20190	.19152
Stddev	.00178	.0111	.00598	.0048	.00115	.0043	.01012	.00065	.00099
%RSD	.22277	.61809	.64700	.24020	.15139	.21391	4.6294	.32419	.51759

#1	.80136	1.8105	.92800	1.9987	.75984	2.0235	.21147	.20236	.19222
#2	.79884	1.7948	.91955	1.9919	.75822	2.0296	.22578	.20143	.19082

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	55.510	.36971	.18568	.27752	2.7291	.19464	117.75	.46148	.06891
Stddev	2.278	.00063	.00041	.00156	.1514	.00031	5.05	.00304	.00069
%RSD	4.1045	.16930	.22107	.56231	5.5481	.15781	4.2879	.65872	.99419

#1	53.899	.37015	.18597	.27862	2.6220	.19486	114.18	.46362	.06939
#2	57.121	.36927	.18539	.27642	2.8361	.19443	121.32	.45933	.06843

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	860.45	.29006	.18850	49.173	.37406	.71754	87.328	1.6906	.62857
Stddev	28.79	.00119	.00877	1.992	.00072	.03641	.884	.0760	.00491
%RSD	3.3462	.41089	4.6541	4.0509	.19179	5.0739	1.0122	4.4967	.78088

#1	840.09	.29090	.18230	47.765	.37456	.69180	87.953	1.6368	.63204
#2	880.81	.28922	.19470	50.582	.37355	.74328	86.703	1.7443	.62510

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.19251	.40811	6.433	.93047	5.1541	3.6906			
Stddev	.00818	.02080	.041	.03750	.0813	.4903			
%RSD	4.2505	5.0959	.6306	4.0308	1.5775	13.286			

#1	.18673	.39341	6.462	.90395	5.0966	3.3439			
#2	.19830	.42282	6.405	.95699	5.2116	4.0374			

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306				
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S				
Avg	3047.6	62469.	4698.2	106.02	3919.9				
Stddev	1.9	32.	203.1	5.45	12.0				
%RSD	.06308	.05081	4.3219	5.1395	.30720				

#1	3046.3	62447.	4841.8	109.87	3911.4				
#2	3049.0	62492.	4554.7	102.17	3928.4				

Sample Name: J5187-01MSD Acquired: 10/2/2018 16:20:58 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.79885	1.8026	.91678	1.9954	.76194	2.0177	.21471	.20106	.19027
Stddev	.03498	.0726	.03854	.0949	.03308	.0268	.00425	.00015	.00792
%RSD	4.3785	4.0285	4.2039	4.7547	4.3411	1.3284	1.9813	.07467	4.1602

#1	.77412	1.7513	.88953	1.9284	.73855	1.9988	.21771	.20117	.18467
#2	.82359	1.8540	.94403	2.0625	.78533	2.0367	.21170	.20096	.19587

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	54.430	.36989	.18482	.27658	2.6958	.19349	115.37	.45746	.06730
Stddev	1.207	.00073	.00831	.01197	.0574	.00006	2.28	.01946	.00037
%RSD	2.2180	.19851	4.4984	4.3274	2.1290	.03118	1.9795	4.2550	.55372

#1	55.284	.36937	.17894	.26812	2.7364	.19353	116.98	.44370	.06704
#2	53.576	.37041	.19070	.28505	2.6552	.19345	113.76	.47123	.06757

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	835.75	.28731	.18736	48.370	.37464	.69014	86.792	1.6635	.62750
Stddev	35.10	.00097	.00294	1.021	.01755	.01572	4.059	.0136	.02799
%RSD	4.1996	.33682	1.5688	2.1114	4.6840	2.2782	4.6769	.82007	4.4604

#1	860.57	.28799	.18944	49.093	.36223	.70126	83.922	1.6732	.60771
#2	810.93	.28663	.18528	47.648	.38705	.67902	89.663	1.6539	.64729

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.19156	.39810	6.373	.91101	4.7792	4.2152			
Stddev	.00576	.00355	.303	.02018	.3505	.1862			
%RSD	3.0055	.89167	4.752	2.2155	7.3330	4.4177			

#1	.19563	.40061	6.159	.92528	5.0270	4.0835			
#2	.18749	.39559	6.587	.89674	4.5314	4.3469			

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306				
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S				
Avg	3037.7	62474.	4756.2	105.97	3931.0				
Stddev	117.1	1.	74.7	1.84	155.4				
%RSD	3.8534	.00228	1.5700	1.7400	3.9536				

#1	3120.4	62475.	4703.4	104.66	4040.9				
#2	2954.9	62473.	4809.0	107.27	3821.1				

Sample Name: J5187-01A Acquired: 10/2/2018 16:24:51 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.79393	1.8004	.91926	1.9729	.75685	2.0181	.21829	.20037	.19042
Stddev	.00588	.0183	.00903	.0033	.00399	.0178	.01304	.00046	.00182
%RSD	.74016	1.0177	.98199	.16579	.52729	.88155	5.9727	.22765	.95531

#1	.79808	1.8134	.92565	1.9752	.75968	2.0055	.20907	.20005	.19171
#2	.78977	1.7875	.91288	1.9705	.75403	2.0307	.22750	.20070	.18914

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	55.169	.36734	.18480	.27467	2.7607	.19348	117.39	.45772	.06745
Stddev	2.956	.00006	.00228	.00255	.0859	.00032	6.01	.00366	.00069
%RSD	5.3584	.01669	1.2345	.92992	3.1129	.16644	5.1175	.79982	1.0233

#1	53.078	.36730	.18641	.27647	2.7000	.19325	113.14	.46031	.06696
#2	57.259	.36738	.18318	.27286	2.8215	.19371	121.64	.45514	.06794

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	842.24	.28806	.19175	49.225	.37203	.70930	87.359	1.6676	.62710
Stddev	43.26	.00053	.00461	2.454	.00323	.04237	.130	.0805	.00632
%RSD	5.1363	.18282	2.4063	4.9853	.86750	5.9730	.14862	4.8275	1.0072

#1	811.65	.28768	.18849	47.490	.37431	.67934	87.451	1.6107	.63157
#2	872.83	.28843	.19502	50.960	.36974	.73926	87.268	1.7245	.62263

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.19346	.40291	6.410	.92431	4.6451	3.6552			
Stddev	.00840	.02463	.066	.04965	.2068	.2095			
%RSD	4.3411	6.1142	1.032	5.3720	4.4521	5.7306			

#1	.18752	.38549	6.457	.88920	4.7913	3.8034			
#2	.19939	.42033	6.363	.95942	4.4988	3.5071			

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306				
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S				
Avg	3053.8	62061.	4682.2	103.59	3910.2				
Stddev	2.2	120.	225.2	3.19	9.5				
%RSD	.07291	.19312	4.8103	3.0750	.24310				

#1	3055.4	62146.	4841.5	105.85	3903.5				
#2	3052.2	61976.	4523.0	101.34	3916.9				

Sample Name: CCV06 Acquired: 10/2/2018 16:28:44 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9173	5.0083	4.9060	4.9770	5.0439	10.196	10.248
Stddev	.0010	.0021	.0036	.0058	.0072	.007	.064
%RSD	.02118	.04100	.07402	.11592	.14194	.06886	.62195

#1	4.9181	5.0069	4.9085	4.9811	5.0490	10.201	10.293
#2	4.9166	5.0098	4.9034	4.9729	5.0389	10.191	10.203

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25012	2.4825	25.121	.99293	2.4580	1.2499	4.9026
Stddev	.00008	.0002	.107	.00122	.0008	.0013	.0494
%RSD	.03146	.00789	.42423	.12251	.03267	.10181	1.0082

#1	.25007	2.4824	25.197	.99207	2.4574	1.2490	4.8676
#2	.25018	2.4827	25.046	.99379	2.4585	1.2508	4.9375

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5441	24.672	2.4553	1.2252	24.781	2.5006	2.5375
Stddev	.0021	.012	.0015	.0021	.123	.0050	.0149
%RSD	.08293	.04802	.06245	.17182	.49499	.19901	.58506

#1	2.5456	24.680	2.4563	1.2237	24.868	2.5041	2.5270
#2	2.5426	24.663	2.4542	1.2267	24.694	2.4970	2.5480

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.058	5.0243	5.1004	5.0908	4.7931	4.8872	4.9581
Stddev	.109	.0008	.0039	.0063	.0030	.0035	.0101
%RSD	.41984	.01687	.07567	.12338	.06347	.07189	.20336

#1	26.135	5.0237	5.1031	5.0952	4.7953	4.8848	4.9652
#2	25.981	5.0249	5.0976	5.0863	4.7910	4.8897	4.9509

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F 6.1863	5.133	4.9973	F 2.8985	F 3.5954
Stddev	.0237	.010	.0239	.0185	.0692
%RSD	.38236	.1958	.47807	.63660	1.9237

#1	6.2030	5.126	5.0142	2.9115	3.5465
#2	6.1696	5.141	4.9804	2.8854	3.6443

Sample Name: CCV06 Acquired: 10/2/2018 16:28:44 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3322.2	69121.	4983.1	108.31	4414.0
Stddev	3.8	44.	19.1	.54	3.9
%RSD	.11573	.06335	.38408	.49751	.08908
#1	3319.5	69152.	4969.6	108.69	4411.3
#2	3324.9	69090.	4996.7	107.93	4416.8

Sample Name: CCB06 Acquired: 10/2/2018 16:32:29 Type: Unk
Method: P4-ICP2(v2469) 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	.00287	.00269	-.00179	-.00129	.00172	-.01102	.00329
Stddev	.00065	.00026	.00079	.00095	.00077	.00643	.00012
%RSD	22.784	9.6661	44.024	73.937	44.851	58.364	3.6868

#1	.00333	.00287	-.00235	-.00196	.00226	-.00647	.00337
#2	.00241	.00250	-.00124	-.00061	.00117	-.01557	.00320

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	.00005	-.00606	-.00089	.00007	-.00072	.00165
Stddev	.00003	.00004	.02102	.00001	.00011	.00025	.00551
%RSD	1160.2	68.786	346.79	1.4082	162.52	34.474	334.43

#1	-.00003	.00008	-.02093	-.00090	-.00001	-.00055	.00554
#2	.00002	.00003	.00880	-.00088	.00015	-.00090	-.00225

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00016	.04014	.00140	-.00027	.15914	.00014	-.00092
Stddev	.00001	.01741	.00014	.00025	.02550	.00009	.00002
%RSD	7.8759	43.383	9.7915	92.554	16.024	61.418	1.9809

#1	-.00015	.05245	.00150	-.00045	.17717	.00008	-.00094
#2	-.00017	.02783	.00131	-.00009	.14111	.00020	-.00091

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05675	.00041	.00722	F .05488	-.00767	-.00082	.00159
Stddev	.00938	.00014	.00519	.00692	.00352	.00065	.00080
%RSD	16.530	34.253	71.913	12.614	45.888	78.683	49.991

#1	.05012	.00051	.00355	.05978	-.00518	-.00128	.00215
#2	.06338	.00031	.01089	.04999	-.01016	-.00037	.00103

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00927	-.0043	.00005	F .97179	F 1.7024
Stddev	.00322	.0019	.00005	.28059	.1981
%RSD	34.697	44.56	91.625	28.874	11.636

#1	-.01154	-.0029	.00009	1.1702	1.8425
#2	-.00699	-.0056	.00002	.77338	1.5623

Sample Name: CCB06 Acquired: 10/2/2018 16:32:29 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3496.0	72930.	5013.3	112.85	4995.7
Stddev	1.7	273.	99.7	2.79	7.3
%RSD	.04792	.37458	1.9884	2.4680	.14552
#1	3497.2	72737.	4942.8	110.88	5000.9
#2	3494.8	73124.	5083.8	114.81	4990.6

Sample Name: PB113296BL Acquired: 10/2/2018 16:36:34 Type: Unk
Method: P4-ICP2(v2469) 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	.00345	.00099	-.00190	.00044	-.00024	.00680	.00330
Stddev	.00155	.00069	.00005	.00175	.00002	.00867	.00012
%RSD	44.780	69.572	2.7288	393.73	10.210	127.56	3.6848

#1	.00455	.00148	-.00187	-.00079	-.00026	.01293	.00338
#2	.00236	.00051	-.00194	.00168	-.00022	.00067	.00321

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	-.00005	-.00241	-.00039	.00011	-.00044	-.00128
Stddev	.00004	.00002	.01718	.00008	.00004	.00029	.00551
%RSD	108.67	32.436	713.42	21.719	37.636	65.729	431.75

#1	.00007	-.00004	.00974	-.00045	.00015	-.00064	-.00518
#2	.00001	-.00006	-.01455	-.00033	.00008	-.00023	.00262

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	-.02351	.00088	-.00068	.11192	.00042	-.00094
Stddev	.00001	.00254	.00031	.00030	.01257	.00002	.00012
%RSD	6.2641	10.804	35.039	44.212	11.229	5.9044	12.528

#1	-.00011	-.02172	.00109	-.00047	.12081	.00044	-.00085
#2	-.00012	-.02531	.00066	-.00089	.10303	.00040	-.00102

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01926	.00000	.00304	F .02741	-.00869	-.00094	.00319
Stddev	.02514	.00009	.00032	.00189	.00190	.00040	.00022
%RSD	130.50	6434.6	10.377	6.8926	21.822	42.635	6.7508

#1	.03704	-.00006	.00281	.02875	-.00735	-.00123	.00304
#2	.00149	.00007	.00326	.02607	-.01003	-.00066	.00334

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	F -.01094	-.0038	.00004	F .87036	F 1.7331		
Stddev	.00058	.0036	.00012	.24998	.1126		
%RSD	5.3237	94.03	292.16	28.722	6.4949		

#1	-.01053	-.0013	.00012	1.0471	1.8127		
#2	-.01135	-.0064	-.00004	.69360	1.6535		

Sample Name: PB113296BL Acquired: 10/2/2018 16:36:34 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3489.7	72831.	5044.8	111.59	4993.8
Stddev	13.0	30.	28.8	.93	23.5
%RSD	.37339	.04145	.57041	.83772	.47029
#1	3480.5	72852.	5065.1	110.93	4977.2
#2	3498.9	72809.	5024.4	112.25	5010.4

Sample Name: PB113296BS Acquired: 10/2/2018 16:40:38 Type: Unk
Method: P4-ICP2(v2469) 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	.77271	2.0596	.98753	1.9706	.77648	2.0061	.21346
Stddev	.00538	.0055	.00579	.0124	.00372	.0148	.00033
%RSD	.69577	.26556	.58643	.62932	.47964	.73907	.15320

#1	.77651	2.0635	.99162	1.9794	.77911	1.9956	.21369
#2	.76891	2.0557	.98343	1.9618	.77384	2.0165	.21323

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19516	.19715	1.0501	.40601	.19685	.31166	2.9809
Stddev	.00003	.00034	.0037	.00115	.00040	.00274	.0144
%RSD	.01696	.17008	.35088	.28433	.20434	.87840	.48300

#1	.19514	.19739	1.0527	.40519	.19713	.31359	2.9911
#2	.19518	.19692	1.0474	.40683	.19657	.30972	2.9708

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21148	2.0476	.49204	.06953	3.2174	.30624	.20676
Stddev	.00036	.0269	.00130	.00011	.0004	.00125	.00249
%RSD	.16936	1.3128	.26326	.15389	.01251	.40859	1.2023

#1	.21173	2.0666	.49295	.06945	3.2171	.30535	.20852
#2	.21122	2.0286	.49112	.06960	3.2177	.30712	.20500

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.722	.41047	.31150	F .01005	.92424	.66941	.20637
Stddev	.001	.00101	.00521	.00270	.00091	.00032	.00146
%RSD	.00848	.24648	1.6731	26.910	.09888	.04754	.70530

#1	10.723	.41118	.31519	.01196	.92488	.66963	.20534
#2	10.721	.40975	.30782	.00814	.92359	.66918	.20740

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	F .40217	F 5.582	.20058	.88496	F 1.6043		
Stddev	.00146	.014	.00041	.13987	.1516		
%RSD	.36378	.2549	.20425	15.806	9.4491		

#1	.40114	5.592	.20087	.98387	1.4971		
#2	.40321	5.572	.20029	.78606	1.7115		

Sample Name: PB113296BS Acquired: 10/2/2018 16:40:38 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3448.7	72304.	5033.0	111.95	4836.2
Stddev	12.9	27.	16.5	1.21	6.7
%RSD	.37425	.03686	.32738	1.0767	.13752
#1	3439.6	72285.	5021.3	111.10	4831.5
#2	3457.9	72323.	5044.6	112.80	4840.9

Sample Name: J5076-01 Acquired: 10/2/2018 16:44:28 Type: Unk
Method: P4-ICP2(v2469) 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	.01036	.00268	.00179	.00198	-.00272	-.02570	.02160	-.00001
Stddev	.00505	.00051	.00051	.00522	.00026	.00152	.00090	.00000
%RSD	48.780	19.046	28.729	263.81	9.4518	5.9237	4.1773	33.935

#1	.01393	.00232	.00142	-.00171	-.00290	-.02678	.02223	-.00001
#2	.00679	.00304	.00215	.00567	-.00254	-.02462	.02096	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00031	99.798	-.00166	-.00063	.00102	-.01194	.00995	271.51
Stddev	.00009	.448	.00014	.00001	.00023	.01442	.00008	2.06
%RSD	29.548	.44845	8.4983	.82629	22.695	120.74	.77571	.75902

#1	-.00038	100.11	-.00156	-.00063	.00119	-.00175	.00990	272.97
#2	-.00025	99.481	-.00176	-.00062	.00086	-.02214	.01001	270.05

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00264	.00020	1683.3	.00212	-.00014	95.745	.00205	.98813
Stddev	.00005	.00059	18.0	.00002	.00000	.058	.00001	.00070
%RSD	2.0044	301.26	1.0701	1.0477	2.2004	.06102	.47312	.07061

#1	-.00268	-.00022	1670.6	.00210	-.00014	95.704	.00206	.98863
#2	-.00261	.00061	1696.0	.00213	-.00014	95.787	.00205	.98764

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	228.01	.89983	-.08384	-.00152	.07676	.1016	1.6807	6.4392
Stddev	2.02	.00298	.00000	.00065	.00157	.0005	.0059	.0637
%RSD	.88666	.33092	.00300	42.640	2.0514	.4956	.35089	.98856

#1	229.44	.89772	-.08384	-.00197	.07788	.1019	1.6848	6.4842
#2	226.58	.90193	-.08384	-.00106	.07565	.1012	1.6765	6.3942

Elem	U_3859
Units	ppm
Avg	3.6863
Stddev	.2852
%RSD	7.7371

#1	3.8879
#2	3.4846

Sample Name: J5076-01 Acquired: 10/2/2018 16:44:28 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2762.3	56700.	4677.3	99.472	3451.5
Stddev	6.2	126.	20.0	.377	27.3
%RSD	.22339	.22164	.42740	.37909	.78993
#1	2757.9	56611.	4691.4	99.205	3432.2
#2	2766.7	56788.	4663.2	99.738	3470.8

Sample Name: J5076-01DUP Acquired: 10/2/2018 16:48:37 Type: Unk
Method: P4-ICP2(v2469) 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	.00666	.00314	.00202	-.00031	-.00286	-.02820	.02278	.00002
Stddev	.00095	.00142	.00136	.00182	.00136	.00016	.00077	.00013
%RSD	14.198	45.152	67.528	595.65	47.457	.56055	3.3728	694.06

#1	.00733	.00214	.00105	-.00159	-.00190	-.02809	.02332	-.00007
#2	.00599	.00414	.00298	.00098	-.00382	-.02831	.02224	.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00018	100.04	-.00121	-.00039	.00125	-.03037	.00991	272.44
Stddev	.00003	3.13	.00015	.00021	.00012	.01698	.00001	8.38
%RSD	18.320	3.1304	12.138	52.307	9.9059	55.904	.11835	3.0773

#1	-.00016	102.26	-.00131	-.00054	.00134	-.01837	.00990	278.37
#2	-.00021	97.829	-.00110	-.00025	.00117	-.04238	.00992	266.51

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00249	.00011	1585.7	.00104	-.00004	97.432	.00201	.99763
Stddev	.00042	.00030	60.7	.00026	.00002	2.640	.00043	.02040
%RSD	16.867	280.16	3.8271	25.303	47.187	2.7099	21.319	2.0450

#1	-.00278	.00032	1628.7	.00086	-.00003	99.299	.00232	1.0121
#2	-.00219	-.00010	1542.8	.00123	-.00006	95.565	.00171	.98320

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	224.47	.90403	-.08268	-.00092	.07667	.0982	1.6877	6.4263
Stddev	4.66	.01932	.00133	.00063	.00612	.0050	.0568	.2814
%RSD	2.0758	2.1370	1.6137	68.587	7.9846	5.116	3.3686	4.3794

#1	227.77	.91769	-.08362	-.00047	.08100	.1018	1.7279	6.2273
#2	221.18	.89037	-.08174	-.00136	.07234	.0946	1.6475	6.6253

Elem	U_3859
Units	ppm
Avg	3.7922
Stddev	.0187
%RSD	.49349

#1	3.7789
#2	3.8054

Sample Name: J5076-01DUP Acquired: 10/2/2018 16:48:37 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2792.3	56579.	4607.6	99.560	3493.8
Stddev	60.3	47.	125.9	1.910	73.8
%RSD	2.1603	.08361	2.7316	1.9182	2.1129
#1	2749.7	56612.	4518.6	98.210	3441.6
#2	2835.0	56545.	4696.6	100.91	3546.0

Sample Name: J5076-01LX5 Acquired: 10/2/2018 16:52:45 Type: Unk
Method: P4-ICP2(v2469) 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	.00535	.00238	-.00006	-.00327	-.00115	-.01199	.00756	.00007
Stddev	.00223	.00134	.00024	.00261	.00050	.00106	.00058	.00008
%RSD	41.655	56.389	405.88	79.786	43.634	8.8601	7.6472	118.02
#1	.00692	.00333	.00011	-.00511	-.00150	-.01124	.00715	.00013
#2	.00377	.00143	-.00023	-.00142	-.00080	-.01274	.00797	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	20.769	-.00098	-.00031	.00039	.00139	.00195	54.650
Stddev	.00004	.135	.00016	.00005	.00022	.02124	.00005	.248
%RSD	86.932	.64948	16.561	15.677	55.769	1526.3	2.3072	.45365
#1	-.00008	20.674	-.00086	-.00027	.00055	.01641	.00198	54.474
#2	-.00002	20.864	-.00109	-.00034	.00024	-.01362	.00192	54.825

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00119	-.00017	423.94	.00037	.00034	18.354	.00008	.20444
Stddev	.00002	.00054	.83	.00072	.00002	.095	.00027	.01562
%RSD	2.0430	312.28	.19664	196.47	5.5904	.51946	330.56	7.6418
#1	-.00117	.00021	423.35	-.00014	.00035	18.286	.00028	.21549
#2	-.00121	-.00056	424.53	.00087	.00032	18.421	-.00011	.19340

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	41.508	.18164	-.01595	.00137	.01400	.0151	.33294	3.8339
Stddev	.175	.00102	.00016	.00150	.00182	.0002	.00329	.0065
%RSD	.42130	.56253	1.0084	109.59	12.980	1.071	.98890	.16851
#1	41.631	.18092	-.01583	.00031	.01529	.0153	.33062	3.8385
#2	41.384	.18236	-.01606	.00243	.01272	.0150	.33527	3.8294

Elem	U_3859
Units	ppm
Avg	3.3282
Stddev	.0326
%RSD	.97818
#1	3.3052
#2	3.3512

Sample Name: J5076-01LX5 Acquired: 10/2/2018 16:52:45 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3136.9	63998.	4839.8	105.92	4108.5
Stddev	5.3	212.	14.8	.21	12.5
%RSD	.17017	.33057	.30512	.19700	.30371
#1	3133.2	63848.	4850.3	106.07	4099.7
#2	3140.7	64147.	4829.4	105.77	4117.3

Sample Name: J5076-01MS Acquired: 10/2/2018 16:56:53 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.81450	1.7750	.91524	2.0152	.79852	2.0999	.21066	.21031	.18955
Stddev	.00095	.0020	.00443	.0136	.00215	.0152	.00045	.00058	.00078
%RSD	.11644	.11186	.48366	.67281	.26895	.72446	.21223	.27682	.41378

#1	.81517	1.7764	.91837	2.0248	.79700	2.1107	.21098	.20990	.19010
#2	.81382	1.7736	.91211	2.0057	.80004	2.0892	.21034	.21073	.18899

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	98.585	.36221	.18449	.26909	2.6358	.19752	266.28	.45613	.07305
Stddev	.172	.00005	.00005	.00079	.0162	.00001	.23	.00133	.00062
%RSD	.17403	.01413	.02917	.29228	.61303	.00400	.08568	.29136	.85137

#1	98.707	.36217	.18445	.26964	2.6244	.19752	266.44	.45707	.07349
#2	98.464	.36225	.18452	.26853	2.6472	.19753	266.12	.45519	.07261

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1589.0	.28589	.18331	104.88	.38191	1.2205	222.16	1.7203	.58946
Stddev	6.2	.00319	.00276	.09	.00199	.0036	.08	.0099	.00388
%RSD	.39271	1.1158	1.5036	.08701	.52206	.29353	.03764	.57598	.65895

#1	1593.4	.28815	.18136	104.81	.38332	1.2180	222.10	1.7133	.59221
#2	1584.6	.28363	.18526	104.94	.38050	1.2231	222.22	1.7273	.58672

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.19502	.46640	6.780	1.8284	6.3958	4.0530			
Stddev	.00194	.00111	.003	.0014	.0923	.0623			
%RSD	.99512	.23842	.0456	.07933	1.4437	1.5364			

#1	.19365	.46562	6.783	1.8273	6.3305	4.0970			
#2	.19639	.46719	6.778	1.8294	6.4610	4.0090			

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306				
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S				
Avg	2784.0	56862.	4631.6	99.665	3473.0				
Stddev	4.0	52.	9.4	1.909	4.9				
%RSD	.14309	.09211	.20349	1.9155	.14130				

#1	2781.2	56825.	4638.2	101.02	3476.5				
#2	2786.8	56899.	4624.9	98.316	3469.6				

Sample Name: J5076-01MSD Acquired: 10/2/2018 17:00:47 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.81603	1.7684	.91693	2.0298	.76499	2.1131	.21269	.21258	.19017
Stddev	.00672	.0066	.00268	.0160	.00390	.0054	.00386	.00068	.00113
%RSD	.82352	.37319	.29213	.78784	.51004	.25605	1.8132	.31965	.59540

#1	.82078	1.7730	.91882	2.0412	.76223	2.1093	.21541	.21210	.19097
#2	.81128	1.7637	.91504	2.0185	.76775	2.1170	.20996	.21306	.18936

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	100.12	.36473	.18546	.27082	2.6645	.19854	269.65	.45761	.07407
Stddev	1.83	.00022	.00060	.00129	.0098	.00100	5.26	.00057	.00040
%RSD	1.8229	.06073	.32470	.47708	.36729	.50182	1.9499	.12534	.54557

#1	101.41	.36488	.18588	.27173	2.6714	.19784	273.37	.45802	.07435
#2	98.829	.36457	.18503	.26991	2.6576	.19925	265.93	.45720	.07378

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1545.6	.28751	.18500	106.40	.36513	1.2342	221.22	1.7283	.55680
Stddev	78.9	.00150	.00035	1.77	.00024	.0189	1.20	.0527	.00092
%RSD	5.1037	.52056	.18709	1.6680	.06627	1.5299	.54283	3.0516	.16497

#1	1601.4	.28857	.18524	107.65	.36531	1.2476	222.07	1.7656	.55615
#2	1489.9	.28645	.18475	105.14	.36496	1.2209	220.37	1.6910	.55745

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.18719	.47587	6.808	1.8628	6.1037	4.0972			
Stddev	.00088	.01006	.040	.0349	.3634	.1872			
%RSD	.47187	2.1139	.5911	1.8750	5.9540	4.5689			

#1	.18782	.48299	6.836	1.8875	5.8468	3.9648			
#2	.18657	.46876	6.779	1.8381	6.3607	4.2295			

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306				
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S				
Avg	2787.3	57058.	4594.8	99.175	3473.3				
Stddev	8.8	358.	80.6	.246	6.9				
%RSD	.31523	.62738	1.7547	.24783	.19892				

#1	2781.1	57311.	4537.8	99.349	3468.4				
#2	2793.5	56805.	4651.8	99.001	3478.2				

Sample Name: J5076-01A Acquired: 10/2/2018 17:04:39 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.81311	1.7759	.91810	2.0341	.77237	2.1219	.21070	.21033	.18985
Stddev	.00741	.0004	.00410	.0079	.00299	.0118	.00095	.00082	.00037
%RSD	.91074	.02085	.44627	.39044	.38696	.55797	.44927	.38932	.19475

#1	.80788	1.7756	.92100	2.0285	.77026	2.1136	.21003	.20975	.19011
#2	.81835	1.7761	.91521	2.0397	.77449	2.1303	.21137	.21091	.18959

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	98.226	.36208	.18593	.26936	2.6988	.19734	265.29	.45828	.07231
Stddev	.160	.00051	.00077	.00119	.0162	.00037	.93	.00120	.00112
%RSD	.16287	.14162	.41398	.44360	.60172	.18907	.35120	.26209	1.5530

#1	98.339	.36244	.18539	.26851	2.7102	.19707	265.95	.45913	.07310
#2	98.113	.36172	.18648	.27020	2.6873	.19760	264.63	.45743	.07152

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1528.3	.28479	.18912	105.23	.36833	1.2239	221.26	1.6870	.56326
Stddev	9.7	.00022	.00045	.07	.00246	.0251	.87	.0010	.00325
%RSD	.63435	.07804	.23740	.06481	.66687	2.0553	.39213	.05838	.57643

#1	1535.1	.28463	.18944	105.28	.36659	1.2061	221.88	1.6863	.56556
#2	1521.4	.28494	.18881	105.18	.37006	1.2417	220.65	1.6877	.56097

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18623	.46940	6.791	1.8230	6.2569	4.2509
Stddev	.00061	.00064	.019	.0021	.2370	.2087
%RSD	.32599	.13705	.2825	.11281	3.7882	4.9097

#1	.18666	.46985	6.805	1.8245	6.4245	4.3984
#2	.18580	.46894	6.778	1.8215	6.0893	4.1033

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2778.9	56749.	4629.0	96.853	3465.4
Stddev	6.4	71.	5.8	.305	11.3
%RSD	.23106	.12538	.12525	.31514	.32547

#1	2783.5	56799.	4624.9	96.637	3457.4
#2	2774.4	56699.	4633.1	97.069	3473.4

Sample Name: J5186-10 Acquired: 10/2/2018 17:08:31 Type: Unk
Method: P4-ICP2(v2469) 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	.00396	.00207	.00105	.00326	-.00379	-.01245	.02158	.00010
Stddev	.00041	.00040	.00008	.00004	.00136	.00963	.00019	.00002
%RSD	10.374	19.163	7.5108	1.1442	35.803	77.342	.85996	17.239

#1	.00425	.00234	.00110	.00328	-.00475	-.00564	.02144	.00011
#2	.00367	.00179	.00099	.00323	-.00283	-.01926	.02171	.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00018	60.025	-.00168	-.00051	.00138	-.01691	.00838	135.38
Stddev	.00012	.350	.00023	.00002	.00008	.01695	.00005	.12
%RSD	67.864	.58364	13.732	4.3450	5.6629	100.24	.55545	.09011

#1	-.00009	59.777	-.00185	-.00052	.00144	-.02890	.00842	135.47
#2	-.00027	60.272	-.00152	-.00049	.00133	-.00492	.00835	135.30

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00157	-.00112	931.87	.00086	.00002	47.147	.00128	.49590
Stddev	.00019	.00084	26.78	.00018	.00007	.216	.00000	.00159
%RSD	11.777	74.974	2.8740	20.769	346.62	.45753	.17626	.32011

#1	-.00171	-.00172	950.81	.00073	-.00003	46.995	.00128	.49478
#2	-.00144	-.00053	912.93	.00099	.00007	47.300	.00128	.49703

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	109.89	.82118	-.03974	.00031	.03139	.0751	.86364	5.2231
Stddev	2.01	.00506	.00093	.00191	.00388	.0021	.00586	.0028
%RSD	1.8295	.61559	2.3311	608.56	12.363	2.779	.67814	.05375

#1	111.31	.81760	-.04040	-.00104	.03414	.0765	.85950	5.2211
#2	108.47	.82475	-.03909	.00167	.02865	.0736	.86778	5.2251

Elem	U_3859
Units	ppm
Avg	3.6312
Stddev	.6053
%RSD	16.670

#1	4.0592
#2	3.2032

Sample Name: J5186-10 Acquired: 10/2/2018 17:08:31 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2962.6	61482.	4837.4	104.81	3784.8
Stddev	45.0	109.	26.4	.75	56.4
%RSD	1.5191	.17698	.54616	.71339	1.4909
#1	2930.7	61559.	4856.1	105.34	3744.9
#2	2994.4	61405.	4818.7	104.28	3824.7

Sample Name: J5186-11 Acquired: 10/2/2018 17:12:38 Type: Unk
Method: P4-ICP2(v2469) 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	.00644	.00358	.00101	.00152	-.00353	-.01746	.02227	.00015
Stddev	.00202	.00021	.00065	.00138	.00176	.00827	.00064	.00006
%RSD	31.313	5.9504	64.562	90.967	49.951	47.379	2.8870	41.998

#1	.00787	.00343	.00055	.00054	-.00228	-.02331	.02272	.00011
#2	.00502	.00374	.00148	.00250	-.00477	-.01161	.02181	.00020

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	62.082	-.00145	-.00050	.00125	-.01556	.00664	142.32
Stddev	.00001	.171	.00017	.00007	.00004	.00352	.00002	.95
%RSD	4.7998	.27591	11.476	13.985	2.8102	22.628	.26675	.66422

#1	-.00013	61.960	-.00133	-.00045	.00127	-.01307	.00663	142.99
#2	-.00014	62.203	-.00157	-.00055	.00122	-.01805	.00665	141.65

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00179	-.00102	978.81	.00161	-.00072	49.605	.00106	.53373
Stddev	.00071	.00031	20.31	.00020	.00009	.087	.00019	.01445
%RSD	39.660	29.951	2.0754	12.422	12.989	.17508	18.088	2.7065

#1	-.00129	-.00081	993.18	.00147	-.00065	49.544	.00092	.54395
#2	-.00229	-.00124	964.45	.00175	-.00079	49.667	.00119	.52352

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	113.48	.83751	-.04097	.00029	.03383	.0786	.90500	5.3896
Stddev	.17	.00202	.00003	.00055	.00079	.0019	.00256	.2782
%RSD	.14763	.24103	.06838	192.05	2.3447	2.394	.28237	5.1608

#1	113.36	.83893	-.04099	.00068	.03439	.0800	.90319	5.5863
#2	113.60	.83608	-.04095	-.00010	.03327	.0773	.90680	5.1929

Elem	U_3859
Units	ppm
Avg	3.7378
Stddev	.0426
%RSD	1.1406

#1	3.7077
#2	3.7680

Sample Name: J5186-11 Acquired: 10/2/2018 17:12:38 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2980.9	61058.	4820.4	105.25	3841.7
Stddev	6.4	147.	12.3	.53	5.0
%RSD	.21559	.24123	.25455	.50411	.13133
#1	2985.5	61162.	4829.1	105.63	3845.2
#2	2976.4	60954.	4811.8	104.88	3838.1

Sample Name: CCV07 Acquired: 10/2/2018 17:16:44 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9394	5.0507	4.9436	5.0093	5.0770	10.262	10.317
Stddev	.0115	.0087	.0010	.0036	.0012	.012	.026
%RSD	.23311	.17298	.01969	.07216	.02351	.11296	.25075

#1	4.9313	5.0569	4.9442	5.0068	5.0762	10.270	10.336
#2	4.9476	5.0446	4.9429	5.0119	5.0779	10.253	10.299

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25148	2.4998	25.334	.99753	2.4753	1.2596	4.9598
Stddev	.00059	.0029	.008	.00406	.0032	.0025	.0051
%RSD	.23490	.11393	.03140	.40708	.12736	.19920	.10200

#1	.25190	2.5018	25.339	.99466	2.4775	1.2578	4.9633
#2	.25107	2.4978	25.328	1.0004	2.4730	1.2614	4.9562

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5634	24.541	2.4722	1.2342	24.857	2.5216	2.6228
Stddev	.0024	.055	.0019	.0005	.068	.0057	.0303
%RSD	.09160	.22274	.07879	.03744	.27282	.22638	1.1563

#1	2.5651	24.503	2.4736	1.2345	24.809	2.5256	2.6443
#2	2.5618	24.580	2.4708	1.2338	24.905	2.5176	2.6014

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.395	5.0660	5.0766	5.2668	4.8728	4.9164	4.9891
Stddev	.011	.0063	.0156	.0437	.0016	.0074	.0164
%RSD	.04281	.12432	.30639	.83075	.03254	.14981	.32925

#1	26.387	5.0616	5.0656	5.2978	4.8739	4.9216	5.0007
#2	26.403	5.0705	5.0876	5.2359	4.8717	4.9112	4.9775

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F 6.2485	5.142	5.0301	F 3.0464	F 3.7061
Stddev	.0017	.011	.0517	.1962	.4035
%RSD	.02658	.2184	1.0289	6.4408	10.889

#1	6.2497	5.150	5.0666	2.9076	3.9914
#2	6.2473	5.134	4.9935	3.1851	3.4207

Sample Name: CCV07 Acquired: 10/2/2018 17:16:44 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3309.5	68826.	4947.2	105.17	4400.8
Stddev	3.2	98.	5.7	1.15	8.4
%RSD	.09576	.14266	.11506	1.0950	.19085
#1	3311.7	68757.	4943.2	104.35	4394.9
#2	3307.2	68896.	4951.3	105.98	4406.8

Sample Name: CCB07 Acquired: 10/2/2018 17:20:34 Type: Unk
Method: P4-ICP2(v2469) 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	.00208	.00352	-.00149	-.00271	.00117	.00586	.00266
Stddev	.00064	.00110	.00061	.00110	.00058	.00719	.00027
%RSD	30.989	31.154	40.583	40.545	49.208	122.71	10.022

#1	.00162	.00274	-.00192	-.00349	.00076	.01094	.00248
#2	.00254	.00429	-.00106	-.00193	.00158	.00077	.00285

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.00004	-.00344	-.00078	-.00013	-.00061	.00407
Stddev	.00002	.00004	.01588	.00008	.00007	.00022	.00764
%RSD	258.79	111.07	461.57	10.679	52.051	36.125	188.00

#1	-.00002	.00006	.00779	-.00072	-.00008	-.00045	-.00134
#2	.00001	.00001	-.01467	-.00083	-.00018	-.00076	.00947

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	.00547	.00119	-.00080	.26034	.00002	-.00095
Stddev	.00002	.02911	.00019	.00041	.00887	.00087	.00008
%RSD	36.658	532.48	15.944	50.921	3.4059	4034.2	8.8935

#1	-.00004	-.01512	.00133	-.00108	.26661	.00063	-.00089
#2	-.00006	.02605	.00106	-.00051	.25407	-.00059	-.00101

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07525	.00045	.01019	F .09156	-.00464	-.00067	.00270
Stddev	.00345	.00007	.00757	.00984	.00172	.00015	.00160
%RSD	4.5798	14.576	74.345	10.748	37.008	22.899	59.383

#1	.07768	.00050	.00483	.09852	-.00343	-.00078	.00157
#2	.07281	.00040	.01554	.08461	-.00586	-.00056	.00383

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00982	-.0029	.00006	F 1.5613	F 1.6332
Stddev	.00591	.0004	.00012	.0607	.3260
%RSD	60.211	14.69	197.47	3.8897	19.962

#1	-.01400	-.0026	-.00002	1.5184	1.8638
#2	-.00564	-.0031	.00014	1.6043	1.4027

Sample Name: CCB07 Acquired: 10/2/2018 17:20:34 Type: Unk
 Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3474.2	72092.	5002.2	108.87	4965.0
Stddev	8.7	387.	2.6	.49	21.5
%RSD	.24911	.53717	.05192	.44578	.43270
#1	3468.1	71818.	5000.3	109.22	4949.8
#2	3480.4	72366.	5004.0	108.53	4980.2

Sample Name: PB113433BL Acquired: 10/2/2018 17:24:38 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00082	.00274	-.00249	.00030	-.00106	-.00403	.00368
Stddev	.00123	.00056	.00002	.00023	.00293	.00302	.00005
%RSD	149.23	20.588	.70570	77.916	276.58	74.837	1.3509

#1	.00169	.00234	-.00250	.00047	.00101	-.00617	.00365
#2	-.00005	.00313	-.00248	.00014	-.00313	-.00190	.00372

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.00002	-.00794	-.00071	-.00021	-.00015	.00150
Stddev	.00001	.00008	.01456	.00062	.00004	.00017	.00218
%RSD	99.493	481.40	183.28	86.628	18.278	112.11	144.75

#1	.00000	.00004	-.01824	-.00115	-.00018	-.00028	.00304
#2	.00002	-.00007	.00235	-.00028	-.00024	-.00003	-.00004

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00019	.02114	.00105	-.00045	.16198	.00075	-.00092
Stddev	.00005	.01712	.00039	.00026	.00701	.00006	.00007
%RSD	27.400	81.011	37.570	57.124	4.3285	7.9381	7.6590

#1	-.00023	.00903	.00077	-.00063	.16694	.00070	-.00097
#2	-.00015	.03325	.00133	-.00027	.15702	.00079	-.00087

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03354	.00014	-.00239	F .03985	-.01037	-.00167	.00228
Stddev	.01101	.00008	.00127	.00703	.00148	.00042	.00115
%RSD	32.831	52.914	53.093	17.637	14.297	24.948	50.322

#1	.04133	.00009	-.00328	.04483	-.00932	-.00137	.00309
#2	.02576	.00020	-.00149	.03488	-.01142	-.00196	.00147

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	F -.01221	-.0048	-.00000	F 1.2709	F 1.6066		
Stddev	.00021	.0000	.00008	.3330	.3244		
%RSD	1.7403	.0842	3056.0	26.201	20.189		

#1	-.01206	-.0048	.00006	1.5063	1.3772		
#2	-.01236	-.0048	-.00006	1.0354	1.8359		

Sample Name: PB113433BL Acquired: 10/2/2018 17:24:38 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3463.1	71896.	5061.6	110.55	4961.5
Stddev	.6	592.	55.6	2.19	4.5
%RSD	.01617	.82277	1.0993	1.9794	.09154
#1	3462.7	71478.	5022.3	109.01	4958.3
#2	3463.5	72315.	5101.0	112.10	4964.7

Sample Name: PB113433BS Acquired: 10/2/2018 17:28:43 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.77753	2.0848	.99049	1.9703	.77561	2.0119	.21612
Stddev	.00479	.0046	.00157	.0077	.00055	.0009	.00125
%RSD	.61621	.22323	.15838	.39038	.07062	.04557	.57972

#1	.78091	2.0881	.99160	1.9757	.77599	2.0112	.21523
#2	.77414	2.0816	.98938	1.9648	.77522	2.0125	.21700

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19732	.19768	1.0569	.41060	.19690	.31204	3.0090
Stddev	.00063	.00047	.0014	.00097	.00016	.00084	.0369
%RSD	.32020	.23566	.13104	.23625	.08245	.27063	1.2253

#1	.19687	.19801	1.0579	.40991	.19701	.31264	3.0351
#2	.19776	.19736	1.0560	.41129	.19678	.31145	2.9829

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21386	2.0212	.49309	.06986	3.2317	.30787	.21009
Stddev	.00048	.0273	.00166	.00027	.0203	.00050	.00181
%RSD	.22385	1.3515	.33622	.38596	.62830	.16258	.86070

#1	.21352	2.0019	.49427	.06967	3.2173	.30752	.21136
#2	.21420	2.0406	.49192	.07005	3.2460	.30822	.20881

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.809	.40960	.31015	F .01617	.91498	.67195	.20308
Stddev	.061	.00188	.00131	.00094	.00584	.00139	.00292
%RSD	.56708	.45862	.42123	5.7861	.63852	.20703	1.4390

#1	10.765	.41093	.30923	.01683	.91084	.67294	.20102
#2	10.852	.40828	.31107	.01551	.91911	.67097	.20515

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	F .39853	5.622	.19985	.92987	F 2.2767		
Stddev	.00286	.024	.00275	.25007	.1633		
%RSD	.71744	.4345	1.3783	26.893	7.1735		

#1	.39651	5.639	.19790	1.1067	2.3921		
#2	.40055	5.605	.20180	.75304	2.1612		

Sample Name: PB113433BS Acquired: 10/2/2018 17:28:43 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3458.8	71859.	5025.9	110.64	4847.5
Stddev	20.2	37.	18.3	1.19	25.0
%RSD	.58416	.05124	.36464	1.0730	.51642
#1	3444.5	71833.	5038.8	109.80	4829.8
#2	3473.1	71885.	5012.9	111.47	4865.2

Sample Name: J5148-01 Acquired: 10/2/2018 17:32:32 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: WS-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01191	-.00571	1.8319	-.02022	.01925	37.670	.57135
Stddev	.00033	.00020	.0018	.00185	.00135	.046	.00390
%RSD	2.7830	3.5692	.09731	9.1397	7.0081	.12122	.68249

#1	.01167	-.00585	1.8306	-.01891	.02021	37.703	.56859
#2	.01214	-.00556	1.8331	-.02152	.01830	37.638	.57411

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00229	.02945	83.269	.09238	.03259	2.2354	158.00
Stddev	.00005	.00000	.726	.00149	.00038	.0003	.29
%RSD	1.9750	.00842	.87154	1.6115	1.1595	.01192	.18533

#1	.00232	.02945	82.756	.09133	.03286	2.2352	157.79
#2	.00225	.02944	83.783	.09343	.03233	2.2356	158.20

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.6559	13.085	.12820	-.00289	21.106	.08926	3.4551
Stddev	.0033	.043	.00055	.00051	.268	.00041	.0150
%RSD	.19879	.32686	.42948	17.512	1.2710	.46021	.43294

#1	1.6582	13.054	.12781	-.00253	20.917	.08955	3.4656
#2	1.6536	13.115	.12859	-.00325	21.296	.08897	3.4445

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.211	.01042	.22778	29.742	42.275	.14076	1.4821
Stddev	.047	.00033	.00303	.070	.549	.00078	.0112
%RSD	.41643	3.2027	1.3300	.23522	1.2997	.55764	.75670

#1	11.178	.01065	.22992	29.791	41.887	.14021	1.4742
#2	11.244	.01018	.22563	29.692	42.664	.14132	1.4901

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	.05980	2.272	.38928	F<.00000	25.019		
Stddev	.00037	.000	.00345	.30616	.227		
%RSD	.61255	.0075	.88553	4.4646	.90726		

#1	.06006	2.272	.38684	-6.6410	24.859		
#2	.05954	2.272	.39172	-7.0740	25.180		

Sample Name: J5148-01 Acquired: 10/2/2018 17:32:32 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: WS-1 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	3407.2	71665.	5249.3	105.63	4415.0
Stddev	7.4	241.	37.5	.57	9.0
%RSD	.21575	.33604	.71483	.54420	.20425
#1	3402.0	71495.	5275.8	105.22	4408.7
#2	3412.4	71835.	5222.8	106.04	4421.4

Sample Name: J5149-01 Acquired: 10/2/2018 17:36:25 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: WS-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01913	.00037	.13951	.00389	.01064	2.4453	.11623	.00008
Stddev	.00210	.00064	.00090	.00056	.00071	.0497	.00095	.00005
%RSD	10.976	174.22	.64358	14.465	6.6380	2.0313	.82096	61.407

#1	.01765	.00082	.14015	.00349	.01114	2.4804	.11556	.00005
#2	.02062	-.00009	.13888	.00429	.01014	2.4102	.11691	.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00368	115.65	.02703	.00471	.28244	6.8140	.17990	9.7689
Stddev	.00006	1.01	.00033	.00012	.00022	.1242	.00033	.0404
%RSD	1.6459	.87382	1.2199	2.5952	.07715	1.8229	.18310	.41345

#1	.00363	114.94	.02726	.00480	.28259	6.7262	.17966	9.7403
#2	.00372	116.37	.02680	.00463	.28228	6.9019	.18013	9.7974

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04436	-.00086	72.888	.06195	.59700	17.008	.05308	.49961
Stddev	.00048	.00023	.845	.00066	.01409	.207	.00013	.00448
%RSD	1.0861	26.230	1.1589	1.0700	2.3596	1.2148	.25272	.89764

#1	.04402	-.00070	72.291	.06242	.58704	16.862	.05317	.49644
#2	.04470	-.00102	73.485	.06149	.60696	17.154	.05298	.50279

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	83.480	7.9766	-.02509	.12460	6.0446	1.286	.50569	4.1014
Stddev	.336	.1052	.00010	.00119	.0602	.001	.00377	.2327
%RSD	.40288	1.3187	.40366	.95476	.99603	.0388	.74630	5.6736

#1	83.718	7.9022	-.02516	.12376	6.0021	1.286	.50303	3.9368
#2	83.242	8.0510	-.02502	.12544	6.0872	1.286	.50836	4.2659

Elem	U_3859
Units	ppm
Avg	4.4113
Stddev	.0322
%RSD	.72965

#1	4.3886
#2	4.4341

Sample Name: J5149-01 Acquired: 10/2/2018 17:36:25 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: WS-2 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	3303.4	68705.	5070.1	105.34	4451.3
Stddev	26.4	326.	34.7	1.81	40.6
%RSD	.79779	.47439	.68533	1.7211	.91096
#1	3284.8	68475.	5094.7	106.62	4422.6
#2	3322.0	68936.	5045.5	104.06	4480.0

Sample Name: J5149-02 Acquired: 10/2/2018 17:40:22 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: WS-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	.00087	.00064	.00800	-.00118	-.00035	.10182	.03246	-.00002
Stddev	.00030	.00013	.00023	.00009	.00168	.00121	.00029	.00010
%RSD	34.813	20.280	2.8569	7.9923	483.08	1.1899	.88447	539.55

#1	.00066	.00055	.00784	-.00111	.00084	.10268	.03266	.00005
#2	.00108	.00073	.00816	-.00125	-.00154	.10097	.03226	-.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00098	4.1852	.00215	.00029	.02854	.28336	.01235	1.1275
Stddev	.00000	.0326	.00021	.00009	.00028	.00595	.00002	.0817
%RSD	.23945	.77795	9.7929	29.867	.97198	2.1000	.18166	7.2452

#1	.00098	4.1622	.00229	.00023	.02874	.28756	.01233	1.0697
#2	.00098	4.2082	.00200	.00035	.02835	.27915	.01237	1.1852

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00534	-.00059	8.7124	.00092	.23961	.53268	.00103	.03638
Stddev	.00024	.00027	.0222	.00000	.00408	.02108	.00003	.00140
%RSD	4.5419	45.170	.25476	.30531	1.7026	3.9565	3.2670	3.8407

#1	.00517	-.00078	8.6967	.00092	.23672	.51778	.00105	.03540
#2	.00551	-.00040	8.7280	.00093	.24249	.54759	.00100	.03737

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1828	.29043	-.00080	.00517	-.01005	.0100	.01636	1.5163
Stddev	.0102	.00254	.00017	.00089	.00238	.0001	.00010	.0903
%RSD	.86010	.87586	21.793	17.166	23.672	.8289	.60927	5.9535

#1	1.1757	.28863	-.00093	.00580	-.01173	.0099	.01643	1.4524
#2	1.1900	.29223	-.00068	.00454	-.00837	.0100	.01629	1.5801

Elem	U_3859
Units	ppm
Avg	2.0962
Stddev	.1764
%RSD	8.4129

#1	2.2209
#2	1.9715

Sample Name: J5149-02 Acquired: 10/2/2018 17:40:22 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: WS-3 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	3485.8	72490.	5078.9	109.40	4931.6
Stddev	8.5	69.	4.5	.92	12.4
%RSD	.24479	.09546	.08859	.84354	.25228
#1	3479.8	72539.	5082.1	110.05	4922.8
#2	3491.9	72441.	5075.7	108.75	4940.4

Sample Name: J5155-01 Acquired: 10/2/2018 17:44:26 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: QNWP8-MW30S- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09018	.00110	-.00603	.00582	-.00233	.00816	.05801	-.00004
Stddev	.00154	.00116	.00053	.00063	.00078	.00192	.00006	.00001
%RSD	1.7070	105.61	8.7813	10.865	33.557	23.572	.09568	16.025

#1	.08909	.00192	-.00565	.00627	-.00289	.00680	.05797	-.00004
#2	.09127	.00028	-.00640	.00538	-.00178	.00952	.05805	-.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00033	227.23	-.00137	.00119	.00487	11.188	2.0834	53.861
Stddev	.00006	.53	.00011	.00023	.00017	.234	.0006	.345
%RSD	19.229	.23423	7.9830	19.401	3.5326	2.0930	.03000	.64023

#1	-.00037	227.61	-.00129	.00103	.00474	11.353	2.0839	53.618
#2	-.00028	226.85	-.00144	.00135	.00499	11.022	2.0830	54.105

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00039	-.00125	190.30	.00219	.02458	35.341	.00333	1.0176
Stddev	.00009	.00011	1.92	.00024	.00014	.020	.00016	.0013
%RSD	21.955	8.7534	1.0109	10.753	.57081	.05746	4.8614	.12382

#1	.00045	-.00117	188.94	.00236	.02468	35.326	.00345	1.0184
#2	.00033	-.00133	191.66	.00202	.02448	35.355	.00322	1.0167

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	71.729	21.616	-.02567	.00132	.01714	3.011	1.3530	6.5270
Stddev	.013	.007	.00028	.00160	.00140	.009	.0017	.1068
%RSD	.01789	.03021	1.0795	120.99	8.1387	.3120	.12290	1.6363

#1	71.738	21.620	-.02587	.00246	.01615	3.004	1.3541	6.4515
#2	71.720	21.611	-.02548	.00019	.01813	3.017	1.3518	6.6025

Elem	U_3859
Units	ppm
Avg	6.0567
Stddev	.3620
%RSD	5.9768

#1	6.3127
#2	5.8007

Sample Name: J5155-01 Acquired: 10/2/2018 17:44:26 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: QNWP8-MW30S- 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	3119.1	64833.	4830.1	101.04	4127.8
Stddev	8.6	84.	3.5	1.01	15.7
%RSD	.27503	.12996	.07346	.99714	.38151
#1	3113.0	64773.	4827.6	100.33	4116.7
#2	3125.1	64892.	4832.6	101.75	4138.9

Sample Name: J5155-01DUP Acquired: 10/2/2018 17:48:32 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: QNWP8-MW30S- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08520	-.00108	-.00454	.00634	-.00210	-.00076	.05814	-.00004
Stddev	.00007	.00008	.00035	.00335	.00027	.03048	.00086	.00014
%RSD	.08429	7.6251	7.7359	52.806	12.623	4032.6	1.4869	386.44

#1	.08525	-.00102	-.00479	.00397	-.00229	-.02231	.05875	.00006
#2	.08515	-.00114	-.00430	.00871	-.00191	.02079	.05753	-.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00035	226.12	-.00209	.00112	.00466	11.304	2.0820	53.853
Stddev	.00007	.61	.00042	.00036	.00055	.236	.0014	.459
%RSD	20.119	.26865	20.250	31.974	11.731	2.0888	.06563	.85253

#1	-.00040	226.55	-.00179	.00137	.00427	11.471	2.0810	54.178
#2	-.00030	225.69	-.00239	.00087	.00505	11.137	2.0829	53.529

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	-.00139	190.44	.00159	.02480	35.302	.00346	1.0343
Stddev	.00010	.00071	2.04	.00022	.00013	.054	.00036	.0222
%RSD	119.02	51.128	1.0699	14.025	.53468	.15288	10.432	2.1491

#1	.00015	-.00189	191.88	.00143	.02489	35.340	.00321	1.0501
#2	.00001	-.00089	189.00	.00174	.02470	35.264	.00372	1.0186

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	71.419	21.538	-.02604	-.00164	.01528	2.993	1.3497	6.7045
Stddev	.209	.082	.00055	.00143	.00076	.003	.0085	.4031
%RSD	.29287	.38092	2.1021	87.024	4.9603	.1121	.63012	6.0127

#1	71.567	21.596	-.02643	-.00063	.01581	2.996	1.3557	6.4194
#2	71.271	21.480	-.02566	-.00265	.01474	2.991	1.3437	6.9895

Elem	U_3859
Units	ppm
Avg	6.0896
Stddev	.0339
%RSD	.55637

#1	6.0656
#2	6.1135

Sample Name: J5155-01DUP Acquired: 10/2/2018 17:48:32 Type: Unk
 Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: QNWP8-MW30S- 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	3112.6	65036.	4851.7	100.45	4125.4
Stddev	7.4	52.	18.0	.96	16.9
%RSD	.23893	.07982	.37156	.95620	.40980
#1	3107.4	65000.	4838.9	99.766	4113.4
#2	3117.9	65073.	4864.4	101.12	4137.3

Sample Name: J5155-01LX5 Acquired: 10/2/2018 17:52:37 Type: Unk
Method: P4-ICP2(v2469) 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	.01811	.00213	-.00231	.00176	-.00237	.01637	.01451	.00001
Stddev	.00324	.00075	.00002	.00281	.00118	.00047	.00071	.00001
%RSD	17.899	35.323	.67053	159.67	49.694	2.8792	4.9071	185.95

#1	.02040	.00267	-.00230	.00375	-.00320	.01671	.01401	.00002
#2	.01581	.00160	-.00232	-.00023	-.00154	.01604	.01501	-.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00018	45.946	-.00093	.00023	.00066	2.2741	.42795	10.934
Stddev	.00005	.058	.00005	.00002	.00066	.0376	.00001	.040
%RSD	27.910	.12629	4.9684	10.635	99.698	1.6549	.00212	.36155

#1	-.00015	45.905	-.00096	.00022	.00019	2.3008	.42796	10.962
#2	-.00022	45.987	-.00089	.00025	.00112	2.2475	.42795	10.906

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00086	-.00062	38.074	.00050	.00520	7.0959	.00057	.20311
Stddev	.00009	.00025	.096	.00028	.00001	.0037	.00010	.00454
%RSD	10.013	40.514	.25245	56.300	.21056	.05188	17.291	2.2372

#1	.00080	-.00080	38.006	.00030	.00520	7.0985	.00050	.19989
#2	.00092	-.00045	38.142	.00070	.00521	7.0933	.00064	.20632

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.844	4.4078	-.00577	.00096	-.00763	.5771	.26655	3.1588
Stddev	.011	.0321	.00086	.00320	.00082	.0006	.00016	.1305
%RSD	.08026	.72778	14.910	331.48	10.710	.1101	.05982	4.1309

#1	13.851	4.4305	-.00516	-.00130	-.00705	.5766	.26644	3.2511
#2	13.836	4.3851	-.00638	.00323	-.00820	.5775	.26666	3.0665

Elem	U_3859
Units	ppm
Avg	2.5246
Stddev	.1077
%RSD	4.2664

#1	2.4485
#2	2.6008

Sample Name: J5155-01LX5 Acquired: 10/2/2018 17:52:37 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI 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	3371.0	69585.	5034.4	105.69	4599.7
Stddev	1.8	162.	8.8	1.87	5.4
%RSD	.05288	.23238	.17478	1.7663	.11752
#1	3369.7	69700.	5028.1	104.37	4595.9
#2	3372.3	69471.	5040.6	107.01	4603.6

Sample Name: J5155-01MS Acquired: 10/2/2018 17:56:38 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: QNWP8-MW30S- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.80021	1.7424	.84507	1.8006	.70669	1.8492	.23958	.17810	.17525
Stddev	.00039	.0165	.00849	.0174	.00475	.0164	.00096	.00023	.00107
%RSD	.04904	.94885	1.0050	.96817	.67223	.88880	.40129	.13123	.60898

#1	.80049	1.7307	.83906	1.7882	.70334	1.8609	.24026	.17827	.17450
#2	.79993	1.7541	.85108	1.8129	.71005	1.8376	.23890	.17794	.17601

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	223.70	.34969	.17275	.26328	13.661	2.2175	54.467	.42329	.06059
Stddev	.48	.00076	.00159	.00219	.200	.0004	.605	.00298	.00053
%RSD	.21523	.21744	.91815	.83072	1.4628	.01905	1.1107	.70490	.86914

#1	223.36	.34915	.17162	.26173	13.520	2.2178	54.894	.42118	.06097
#2	224.04	.35023	.17387	.26482	13.802	2.2172	54.039	.42540	.06022

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	189.02	.27207	.20524	44.223	.37284	1.2750	70.355	22.170	.58899
Stddev	.36	.00051	.00434	.184	.00358	.0014	.177	.141	.00499
%RSD	.19302	.18611	2.1122	.41618	.95957	.10957	.25138	.63815	.84661

#1	188.76	.27243	.20218	44.093	.37031	1.2740	70.230	22.070	.58546
#2	189.28	.27171	.20831	44.354	.37537	1.2760	70.480	22.270	.59251

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.17766	.37061	8.442	1.5009	6.6661	6.0872			
Stddev	.00424	.00389	.065	.0001	.0294	.2947			
%RSD	2.3839	1.0506	.7665	.00513	.44111	4.8413			

#1	.18066	.36785	8.396	1.5008	6.6453	5.8788			
#2	.17467	.37336	8.488	1.5009	6.6869	6.2956			

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306				
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S				
Avg	3100.0	64519.	4770.9	99.899	4096.4				
Stddev	.2	194.	18.5	1.303	8.1				
%RSD	.00512	.29995	.38817	1.3042	.19686				

#1	3099.9	64382.	4784.0	100.82	4102.1				
#2	3100.1	64656.	4757.8	98.977	4090.7				

Sample Name: J5155-01MSD Acquired: 10/2/2018 18:00:31 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: QNWP8-MW30S- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.80758	1.7627	.85695	1.8107	.71562	1.9070	.24284	.18144	.17795
Stddev	.00137	.0052	.00496	.0105	.00016	.0372	.00126	.00013	.00084
%RSD	.16903	.29631	.57906	.57879	.02169	1.9528	.51958	.07431	.47247

#1	.80855	1.7664	.86046	1.8182	.71573	1.8807	.24195	.18153	.17854
#2	.80662	1.7590	.85344	1.8033	.71551	1.9333	.24373	.18134	.17735

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	225.33	.35421	.17522	.26592	13.720	2.2162	54.684	.42842	.06195
Stddev	.10	.00217	.00123	.00198	.047	.0014	.573	.00244	.00036
%RSD	.04519	.61184	.70023	.74541	.34452	.06439	1.0484	.56849	.57373

#1	225.26	.35268	.17609	.26732	13.753	2.2152	54.279	.43014	.06220
#2	225.41	.35574	.17435	.26452	13.686	2.2172	55.089	.42670	.06170

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	189.13	.27771	.20619	44.457	.37744	1.2852	70.012	22.233	.59542
Stddev	1.88	.00087	.00371	.009	.00137	.0049	.230	.014	.00323
%RSD	.99166	.31324	1.7969	.01996	.36172	.38214	.32851	.06451	.54311

#1	187.81	.27710	.20881	44.451	.37840	1.2887	70.175	22.223	.59770
#2	190.46	.27833	.20357	44.463	.37647	1.2817	69.850	22.243	.59313

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.18274	.38643	8.497	1.5124	6.6579	6.4137			
Stddev	.00338	.00449	.056	.0002	.0304	.5538			
%RSD	1.8483	1.1624	.6530	.01393	.45698	8.6351			

#1	.18035	.38326	8.536	1.5123	6.6795	6.8054			
#2	.18513	.38961	8.458	1.5126	6.6364	6.0221			

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306				
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S				
Avg	3111.7	64839.	4776.2	100.73	4097.9				
Stddev	2.5	244.	23.2	1.50	9.2				
%RSD	.08177	.37700	.48551	1.4939	.22562				

#1	3113.5	64666.	4759.8	99.668	4091.4				
#2	3109.9	65012.	4792.6	101.80	4104.4				

Sample Name: CCV08 Acquired: 10/2/2018 18:04:23 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV13935 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8814	5.0725	4.9032	4.9420	5.0204	10.313	10.284
Stddev	.0781	.0755	.0838	.0752	.0772	.008	.022
%RSD	1.6000	1.4885	1.7081	1.5211	1.5377	.07924	.21592

#1	4.8261	5.0191	4.8440	4.8888	4.9658	10.307	10.299
#2	4.9366	5.1259	4.9624	4.9951	5.0749	10.319	10.268

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25184	2.4910	25.206	1.0043	2.4571	1.2449	5.0713
Stddev	.00087	.0390	.058	.0004	.0391	.0203	.0649
%RSD	.34474	1.5661	.23106	.03924	1.5893	1.6295	1.2803

#1	.25246	2.4635	25.247	1.0040	2.4295	1.2305	5.0254
#2	.25123	2.5186	25.165	1.0046	2.4847	1.2592	5.1173

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5711	24.418	2.4510	1.2337	25.143	2.5281	2.6948
Stddev	.0075	.140	.0409	.0085	.066	.0037	.0208
%RSD	.29293	.57484	1.6680	.68742	.26215	.14508	.77161

#1	2.5765	24.319	2.4221	1.2397	25.190	2.5307	2.6801
#2	2.5658	24.517	2.4799	1.2277	25.097	2.5255	2.7095

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.331	5.0142	5.0370	4.9461	4.8529	4.8862	4.9249
Stddev	.071	.0767	.0091	.0726	.0033	.0677	.0089
%RSD	.27044	1.5293	.18045	1.4673	.06830	1.3857	.18125

#1	26.381	4.9600	5.0306	4.8948	4.8506	4.8383	4.9312
#2	26.281	5.0685	5.0434	4.9974	4.8553	4.9340	4.9186

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F 6.2370	5.128	4.9921	F 2.7086	F 3.3972
Stddev	.0225	.097	.0119	.1142	.2142
%RSD	.36119	1.882	.23910	4.2175	6.3047

#1	6.2529	5.060	5.0005	2.6278	3.2458
#2	6.2210	5.196	4.9836	2.7894	3.5487

Sample Name: CCV08 Acquired: 10/2/2018 18:04:23 Type: Unk
 Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV13935 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	3376.8	69150.	4994.3	103.12	4474.8
Stddev	43.0	222.	23.8	.51	62.4
%RSD	1.2726	.32095	.47635	.49316	1.3953
#1	3407.2	68993.	4977.5	103.48	4518.9
#2	3346.4	69307.	5011.1	102.76	4430.6

Sample Name: CCB08 Acquired: 10/2/2018 18:08:08 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB13935 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00043	.00306	-.00223	.00115	-.00126	.00318	.00362
Stddev	.00132	.00031	.00008	.00127	.00062	.00537	.00024
%RSD	309.59	10.249	3.4675	110.55	49.364	168.85	6.7466

#1	.00136	.00283	-.00218	.00025	-.00082	-.00062	.00379
#2	-.00051	.00328	-.00229	.00204	-.00170	.00698	.00345

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.00002	-.01148	-.00050	-.00014	-.00037	.00741
Stddev	.00006	.00010	.00434	.00020	.00005	.00009	.00733
%RSD	464.87	566.48	37.843	39.623	36.292	24.051	98.922

#1	.00005	.00006	-.01455	-.00036	-.00018	-.00031	.00223
#2	-.00003	-.00009	-.00841	-.00064	-.00010	-.00044	.01259

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	-.00502	.00114	-.00061	.02007	.00030	-.00095
Stddev	.00002	.03525	.00013	.00076	.00237	.00006	.00001
%RSD	13.628	701.71	11.777	124.45	11.830	21.297	1.5524

#1	-.00013	.01990	.00105	-.00007	.01839	.00026	-.00094
#2	-.00011	-.02995	.00124	-.00116	.02175	.00035	-.00096

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01976	.00043	.00869	.00142	-.00656	-.00153	.00324
Stddev	.03702	.00001	.02008	.00367	.00206	.00005	.00118
%RSD	187.36	1.9883	231.06	258.00	31.483	3.1596	36.304

#1	.04594	.00044	.02289	-.00117	-.00510	-.00150	.00407
#2	-.00642	.00043	-.00551	.00402	-.00802	-.00157	.00241

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	F -.01396	-.0040	.00002	F 1.1772	F 1.7282		
Stddev	.00242	.0000	.00004	.2989	.1803		
%RSD	17.344	.9051	190.10	25.392	10.431		

#1	-.01225	-.0040	.00005	1.3885	1.6007		
#2	-.01567	-.0040	-.00001	.96580	1.8557		

Sample Name: CCB08 Acquired: 10/2/2018 18:08:08 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB13935 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	3516.3	72783.	5046.2	108.86	5023.0
Stddev	5.2	116.	6.1	.66	6.2
%RSD	.14843	.15956	.12121	.60182	.12441
#1	3519.9	72865.	5050.5	108.40	5018.6
#2	3512.6	72701.	5041.9	109.32	5027.4

Sample Name: J5155-01A Acquired: 10/2/2018 18:12:12 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7523 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.81184	1.7699	.85533	1.8185	.71360	1.8996	.24199	.18076	.17740
Stddev	.00741	.0047	.00093	.0004	.00112	.0386	.00068	.00019	.00013
%RSD	.91270	.26642	.10912	.02385	.15727	2.0293	.28263	.10477	.07367

#1	.80660	1.7732	.85599	1.8188	.71439	1.8724	.24150	.18063	.17749
#2	.81708	1.7665	.85467	1.8182	.71280	1.9269	.24247	.18090	.17731

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	222.66	.35405	.17460	.26579	13.657	2.2109	54.126	.42810	.06189
Stddev	.90	.00192	.00009	.00041	.294	.0041	.379	.00008	.00037
%RSD	.40604	.54159	.05096	.15582	2.1492	.18350	.69986	.01913	.59924

#1	223.30	.35269	.17466	.26608	13.864	2.2081	53.858	.42815	.06163
#2	222.02	.35540	.17454	.26549	13.449	2.2138	54.394	.42804	.06215

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	188.74	.27691	.20569	44.141	.37569	1.2810	70.334	21.936	.59388
Stddev	1.25	.00016	.00474	.125	.00132	.0266	.141	.161	.00253
%RSD	.66368	.05694	2.3042	.28274	.35225	2.0728	.20031	.73365	.42614

#1	189.63	.27679	.20904	44.229	.37662	1.2622	70.433	22.050	.59567
#2	187.86	.27702	.20234	44.052	.37475	1.2998	70.234	21.823	.59209

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.17954	.38147	8.517	1.4979	6.5901	6.0847			
Stddev	.00002	.00223	.004	.0082	.1830	.1866			
%RSD	.01348	.58483	.0417	.55007	2.7772	3.0665			

#1	.17956	.38304	8.514	1.5037	6.7195	5.9528			
#2	.17952	.37989	8.519	1.4921	6.4607	6.2166			

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306				
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S				
Avg	3111.9	64832.	4821.3	100.79	4102.0				
Stddev	15.2	147.	26.3	2.54	18.5				
%RSD	.48916	.22683	.54561	2.5209	.45077				

#1	3101.1	64936.	4802.7	98.994	4088.9				
#2	3122.6	64728.	4839.9	102.59	4115.1				

Sample Name: J5155-02 Acquired: 10/2/2018 18:16:05 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: QNWP8-MW30D- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03031	-.00075	.00147	.00301	-.00216	.05018	.10865	-.00003
Stddev	.00293	.00067	.00046	.00373	.00030	.00845	.00016	.00002
%RSD	9.6717	89.788	30.971	123.69	13.719	16.831	.14468	77.566

#1	.03239	-.00027	.00179	.00565	-.00237	.04421	.10876	-.00001
#2	.02824	-.00122	.00115	.00038	-.00195	.05615	.10854	-.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00016	109.27	.00017	.00207	.00112	.59785	.61898	31.458
Stddev	.00000	.49	.00008	.00012	.00014	.01395	.00005	.204
%RSD	2.5881	.44471	46.310	6.0117	12.632	2.3340	.00876	.64895

#1	-.00017	108.92	.00011	.00216	.00102	.60772	.61902	31.314
#2	-.00016	109.61	.00022	.00198	.00122	.58799	.61894	31.603

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	-.00059	1268.2	.00711	.14375	40.606	.00017	.40253
Stddev	.00001	.00025	2.7	.00037	.00109	.163	.00012	.00243
%RSD	8.9806	41.235	.21462	5.1822	.76125	.40093	72.436	.60424

#1	-.00008	-.00042	1270.1	.00737	.14298	40.491	.00008	.40081
#2	-.00009	-.00077	1266.2	.00685	.14453	40.722	.00026	.40425

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.791	7.4725	-.00501	.00716	-.00188	6.839	.61715	6.6322
Stddev	.129	.0142	.00067	.00040	.00168	.012	.00232	.0560
%RSD	.62048	.19001	13.317	5.5330	89.159	.1767	.37646	.84503

#1	20.882	7.4625	-.00453	.00688	-.00307	6.848	.61550	6.6718
#2	20.700	7.4826	-.00548	.00744	-.00070	6.831	.61879	6.5925

Elem	U_3859
Units	ppm
Avg	3.9765
Stddev	.0227
%RSD	.57189

#1	3.9604
#2	3.9926

Sample Name: J5155-02 Acquired: 10/2/2018 18:16:05 Type: Unk
 Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: QNWP8-MW30D- 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	2922.3	58583.	4724.9	97.461	3696.6
Stddev	8.3	163.	6.4	.481	10.9
%RSD	.28470	.27865	.13454	.49404	.29546
#1	2916.4	58468.	4720.4	97.801	3688.9
#2	2928.2	58699.	4729.4	97.120	3704.4

Sample Name: J5155-03 Acquired: 10/2/2018 18:20:09 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: QNWP8-MW26S- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03594	.00014	.03140	.00852	-.00232	2.0265	.16613
Stddev	.00130	.00104	.00023	.00040	.00288	.0471	.00013
%RSD	3.6199	767.35	.74144	4.7454	124.21	2.3225	.07594

#1	.03686	-.00060	.03124	.00881	-.00028	2.0598	.16604
#2	.03502	.00087	.03157	.00823	-.00435	1.9932	.16622

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00022	-.00011	138.13	.01412	.00358	.02723	4.1621
Stddev	.00009	.00003	.37	.00070	.00046	.00054	.0012
%RSD	40.400	23.285	.27147	4.9525	12.747	1.9679	.02888

#1	.00028	-.00009	137.86	.01363	.00326	.02685	4.1612
#2	.00016	-.00013	138.39	.01461	.00391	.02761	4.1629

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.46357	108.84	.01127	-.00143	1692.0	.02562	.30417
Stddev	.00049	.45	.00006	.00020	12.5	.00043	.00056
%RSD	.10524	.41123	.52961	14.066	.74043	1.6749	.18380

#1	.46391	108.52	.01123	-.00157	1700.8	.02532	.30378
#2	.46322	109.16	.01131	-.00129	1683.1	.02593	.30457

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	82.564	.00108	1.0507	F 528.31	16.160	-.17396	.13574
Stddev	.396	.00008	.0097	1.52	.120	.00121	.00001
%RSD	.47968	7.3181	.92702	.28771	.74082	.69482	.00511

#1	82.284	.00102	1.0438	529.39	16.076	-.17481	.13574
#2	82.844	.00113	1.0576	527.24	16.245	-.17310	.13574

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.08032	7.144	1.2374	7.2066	5.5419
Stddev	.00280	.026	.0022	.3252	.0303
%RSD	3.4879	.3692	.18120	4.5120	.54603

#1	.07834	7.162	1.2358	7.4365	5.5205
#2	.08230	7.125	1.2390	6.9766	5.5633

Sample Name: J5155-03 Acquired: 10/2/2018 18:20:09 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: QNWP8-MW26S- 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	2761.0	55683.	4646.8	95.809	3435.6
Stddev	8.5	243.	5.8	.212	15.6
%RSD	.30863	.43666	.12374	.22171	.45376
#1	2755.0	55511.	4650.9	95.659	3424.6
#2	2767.1	55855.	4642.8	95.959	3446.6

Sample Name: J5155-04 Acquired: 10/2/2018 18:24:14 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: QNWP8-MW9-GW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06569	-.00420	.00207	.01199	-.00256	1.4453	.02092
Stddev	.00310	.00128	.00102	.00238	.00080	.0110	.00036
%RSD	4.7184	30.497	49.193	19.845	31.198	.75916	1.7114

#1	.06789	-.00330	.00135	.01368	-.00312	1.4376	.02118
#2	.06350	-.00511	.00279	.01031	-.00199	1.4531	.02067

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00035	-.00011	22.460	.03744	.00467	.00402	2.8154
Stddev	.00000	.00001	.004	.00007	.00013	.00021	.0284
%RSD	.71065	11.468	.01924	.17789	2.7455	5.1601	1.0068

#1	.00035	-.00012	22.463	.03748	.00458	.00388	2.8355
#2	.00035	-.00010	22.457	.03739	.00476	.00417	2.7954

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.42553	4.3683	.03394	-.00113	1724.2	.16406	.02349
Stddev	.00060	.0092	.00084	.00051	18.1	.00052	.00001
%RSD	.14113	.21019	2.4833	45.160	1.0469	.31405	.05913

#1	.42596	4.3748	.03454	-.00150	1711.4	.16443	.02348
#2	.42511	4.3618	.03335	-.00077	1736.9	.16370	.02350

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	32.631	.00381	.55980	F 519.20	4.2772	-.19090	.33178
Stddev	.132	.00024	.00456	3.60	.0223	.00156	.00356
%RSD	.40427	6.1775	.81435	.69366	.52055	.81465	1.0743

#1	32.538	.00398	.55657	521.75	4.2615	-.19200	.33430
#2	32.725	.00364	.56302	516.65	4.2929	-.18980	.32926

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00047	29.19	.13374	5.9207	5.2415
Stddev	.00285	.16	.00021	.0387	.3107
%RSD	603.95	.5378	.15630	.65417	5.9279

#1	-.00155	29.31	.13389	5.9481	5.4612
#2	.00249	29.08	.13359	5.8933	5.0218

Sample Name: J5155-04 Acquired: 10/2/2018 18:24:14 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: QNWP8-MW9-GW 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	2832.5	56287.	4718.9	95.242	3429.3
Stddev	12.8	151.	32.7	.572	28.8
%RSD	.45207	.26908	.69259	.60093	.83990
#1	2823.4	56180.	4742.0	94.837	3409.0
#2	2841.5	56394.	4695.8	95.646	3449.7

Sample Name: J5155-05 Acquired: 10/2/2018 18:28:19 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: QNWP8-MW16S- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02188	-.00034	.00169	.00889	-.00171	.72554	.05278
Stddev	.00175	.00242	.00125	.00288	.00031	.01300	.00055
%RSD	7.9843	713.24	73.907	32.349	17.970	1.7915	1.0416

#1	.02311	.00137	.00257	.01093	-.00149	.71635	.05317
#2	.02064	-.00205	.00081	.00686	-.00193	.73473	.05240

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	-.00018	84.625	.00792	.00163	.00445	1.6642
Stddev	.00003	.00009	.086	.00006	.00016	.00017	.0174
%RSD	25.374	49.911	.10211	.72304	9.8417	3.8128	1.0434

#1	.00013	-.00024	84.564	.00788	.00174	.00457	1.6765
#2	.00009	-.00012	84.687	.00796	.00151	.00433	1.6519

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.37316	48.043	.01264	-.00100	1430.0	.05399	.04874
Stddev	.00016	.056	.00014	.00052	36.7	.00036	.00029
%RSD	.04261	.11626	1.1344	51.909	2.5644	.67374	.58931

#1	.37328	48.004	.01254	-.00137	1455.9	.05374	.04894
#2	.37305	48.083	.01274	-.00064	1404.1	.05425	.04854

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	52.073	.00157	.96861	F 384.96	6.9592	-.14102	.08361
Stddev	.200	.00046	.01416	1.30	.0178	.00055	.00121
%RSD	.38435	29.054	1.4615	.33775	.25598	.38868	1.4471

#1	51.932	.00125	.95860	385.88	6.9718	-.14140	.08275
#2	52.215	.00189	.97862	384.04	6.9466	-.14063	.08446

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.03170	13.96	.64106	6.1056	4.7274
Stddev	.00056	.02	.00023	.0214	.1178
%RSD	1.7660	.1680	.03597	.35033	2.4910

#1	.03130	13.98	.64089	6.1208	4.8107
#2	.03210	13.94	.64122	6.0905	4.6442

Sample Name: J5155-05 Acquired: 10/2/2018 18:28:19 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: QNWP8-MW16S- 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	2852.3	57228.	4715.9	96.256	3553.8
Stddev	21.7	14.	15.2	1.041	17.1
%RSD	.76141	.02442	.32255	1.0812	.48197
#1	2837.0	57218.	4705.2	95.521	3541.7
#2	2867.7	57237.	4726.7	96.992	3565.9

Sample Name: J5155-06 Acquired: 10/2/2018 18:32:25 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: QNWP8-EQUIP- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00467	.00226	-.00219	.00116	-.00286	.00788	.10025	.00004
Stddev	.00039	.00093	.00032	.00369	.00056	.00514	.00067	.00002
%RSD	8.2691	40.993	14.707	317.16	19.736	65.176	.67222	57.531

#1	.00495	.00291	-.00197	.00377	-.00326	.01152	.10073	.00002
#2	.00440	.00160	-.00242	-.00145	-.00246	.00425	.09977	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	20.562	-.00071	-.00014	-.00013	-.01232	.00657	5.1915
Stddev	.00004	.113	.00030	.00005	.00080	.00986	.00002	.0105
%RSD	65.443	.54731	41.600	34.936	603.90	80.047	.31336	.20145

#1	-.00009	20.641	-.00050	-.00010	.00043	-.01929	.00656	5.1989
#2	-.00003	20.482	-.00092	-.00017	-.00070	-.00534	.00659	5.1841

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00102	-.00079	23.654	.00040	.00589	1.6432	.00005	.20980
Stddev	.00067	.00014	.207	.00003	.00003	.0016	.00017	.01519
%RSD	65.872	17.238	.87458	8.5935	.58447	.09879	313.79	7.2403

#1	.00055	-.00089	23.800	.00043	.00587	1.6444	-.00006	.19906
#2	.00150	-.00069	23.508	.00038	.00592	1.6421	.00017	.22054

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.798	3.0749	-.00654	.00259	-.00871	.2763	.12032	2.1794
Stddev	.324	.0313	.00065	.00083	.00235	.0083	.00056	.0722
%RSD	2.5285	1.0169	9.9814	32.163	26.942	3.004	.46397	3.3116

#1	13.027	3.0970	-.00701	.00318	-.00705	.2821	.12071	2.1284
#2	12.569	3.0528	-.00608	.00200	-.01036	.2704	.11992	2.2305

Elem	U_3859
Units	ppm
Avg	1.7941
Stddev	.2730
%RSD	15.217

#1	1.9871
#2	1.6010

Sample Name: J5155-06 Acquired: 10/2/2018 18:32:25 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: QNWP8-EQUIP- 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	3516.9	73728.	5208.0	116.34	5013.2
Stddev	68.0	41.	9.7	1.27	106.3
%RSD	1.9326	.05514	.18577	1.0886	2.1204
#1	3468.8	73699.	5201.2	117.24	4938.1
#2	3564.9	73756.	5214.9	115.45	5088.4

Sample Name: J5168-01 Acquired: 10/2/2018 18:36:27 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: QNWP8-MW27S- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01718	.00059	.11743	.00524	-.00254	3.8458	.16175	.00031
Stddev	.00050	.00337	.00189	.00200	.00301	.0102	.00052	.00006
%RSD	2.8865	573.85	1.6128	38.210	118.35	.26598	.31981	18.532

#1	.01753	-.00180	.11877	.00383	-.00467	3.8530	.16138	.00027
#2	.01683	.00297	.11609	.00666	-.00042	3.8386	.16211	.00035

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	138.59	.01586	.00362	.06647	10.762	.15906	98.010
Stddev	.00007	1.60	.00029	.00027	.00051	.300	.00015	.175
%RSD	399.63	1.1536	1.8466	7.5757	.77455	2.7908	.09173	.17861

#1	-.00007	137.46	.01607	.00381	.06683	10.974	.15895	98.134
#2	.00003	139.72	.01566	.00343	.06611	10.549	.15916	97.886

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00686	-.00112	1217.4	.03025	.15030	73.155	.00106	1.1190
Stddev	.00047	.00004	6.8	.00021	.00382	.939	.00037	.0015
%RSD	6.8401	3.6025	.55513	.70260	2.5447	1.2842	34.770	.13242

#1	.00719	-.00110	1222.1	.03010	.15301	72.491	.00080	1.1179
#2	.00653	-.00115	1212.6	.03040	.14760	73.820	.00132	1.1200

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	125.14	20.882	-.02504	.20442	.09782	6.089	1.1859	6.4712
Stddev	.13	.215	.00016	.00064	.00620	.025	.0128	.1525
%RSD	.10475	1.0304	.64455	.31295	6.3391	.4063	1.0761	2.3566

#1	125.04	20.730	-.02515	.20487	.09344	6.107	1.1768	6.5791
#2	125.23	21.034	-.02492	.20397	.10221	6.072	1.1949	6.3634

Elem	U_3859
Units	ppm
Avg	6.9619
Stddev	.1523
%RSD	2.1873

#1	6.8542
#2	7.0696

Sample Name: J5168-01 Acquired: 10/2/2018 18:36:27 Type: Unk
 Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: QNWP8-MW27S- 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	2898.7	58633.	4759.0	100.31	3668.0
Stddev	10.9	90.	45.2	2.23	1.6
%RSD	.37579	.15294	.94891	2.2259	.04264
#1	2891.0	58570.	4790.9	98.729	3666.9
#2	2906.4	58697.	4727.1	101.89	3669.1

Sample Name: J5188-03 Acquired: 10/2/2018 18:40:31 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: WWT-TK-03.04 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10941	.00045	-.17295	.45111	.04440	-.32768	.10210
Stddev	.00652	.00088	.00287	.01474	.00482	.00368	.00138
%RSD	5.9600	194.93	1.6576	3.2675	10.857	1.1232	1.3478

#1	.10480	.00107	-.17092	.44069	.04099	-.33028	.10307
#2	.11402	-.00017	-.17498	.46154	.04781	-.32508	.10113

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00085	-.02863	14.578	2.4310	.25723	F 409.30	-.17452
Stddev	.00002	.00022	.165	.0130	.00228	2.47	.02315
%RSD	1.8308	.75686	1.1295	.53261	.88832	.60242	13.265

#1	-.00086	-.02847	14.694	2.4402	.25884	407.56	-.19089
#2	-.00084	-.02878	14.461	2.4219	.25561	411.04	-.15815

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01137	10.818	F 153.76	.52115	2617.0	-.00757	-.65883
Stddev	.00007	.031	.02	.00025	30.1	.00115	.00063
%RSD	.58759	.28549	.01343	.04740	1.1516	15.251	.09633

#1	.01141	10.796	153.74	.52098	2595.7	-.00839	-.65928
#2	.01132	10.840	153.77	.52133	2638.3	-.00675	-.65838

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 5525.5	.45314	F 1061.4	F 5580.6	4.8577	-2.1362	-.02789
Stddev	374.7	.00119	10.4	9.3	.0567	.0033	.00186
%RSD	6.7807	.26177	.98364	.16723	1.1666	.15485	6.6574

#1	5260.5	.45230	1068.8	5574.0	4.8978	-2.1339	-.02920
#2	5790.4	.45398	1054.0	5587.2	4.8176	-2.1386	-.02658

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	15.631	F 235.8	.40060	11.230	4.6924
Stddev	.106	.5	.00539	.175	.2325
%RSD	.67692	.2179	1.3454	1.5573	4.9551

#1	15.706	236.1	.40441	11.354	4.5280
#2	15.556	235.4	.39679	11.107	4.8568

Sample Name: J5188-03 Acquired: 10/2/2018 18:40:31 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: WWT-TK-03.04 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	878.02	25033.	3194.8	59.486	1261.1
Stddev	4.06	40.	37.5	.141	11.6
%RSD	.46224	.15961	1.1728	.23777	.92047
#1	875.15	25005.	3168.3	59.386	1252.9
#2	880.89	25061.	3221.3	59.586	1269.3

Sample Name: J5188-04 Acquired: 10/2/2018 18:44:51 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: WWT-TK-01.02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06813	-.00167	.00138	.00982	-.00085	1.4839	.01870
Stddev	.00046	.00068	.00065	.00158	.00090	.0283	.00165
%RSD	.67587	40.962	47.093	16.110	105.89	1.9085	8.8373

#1	.06845	-.00215	.00184	.01093	-.00021	1.5039	.01754
#2	.06780	-.00118	.00092	.00870	-.00148	1.4639	.01987

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00043	-.00021	22.409	.03776	.00466	.00669	2.8814
Stddev	.00005	.00004	.042	.00069	.00002	.00052	.0181
%RSD	11.844	16.615	.18584	1.8333	.38754	7.7535	.62793

#1	.00040	-.00019	22.380	.03727	.00465	.00706	2.8942
#2	.00047	-.00024	22.439	.03825	.00468	.00632	2.8686

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.42376	4.3935	.03405	-.00117	1477.0	.16263	.05146
Stddev	.00144	.0745	.00008	.00006	25.9	.00134	.00032
%RSD	.33884	1.6955	.24810	5.3782	1.7512	.82225	.62332

#1	.42274	4.4462	.03399	-.00121	1458.7	.16168	.05169
#2	.42477	4.3409	.03411	-.00113	1495.3	.16357	.05123

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	47.105	.00397	1.2834	F 514.38	4.2182	-.18918	.33152
Stddev	.183	.00012	.0239	1.36	.0588	.00145	.00184
%RSD	.38840	2.9349	1.8630	.26523	1.3936	.76634	.55542

#1	47.234	.00405	1.3003	515.34	4.1766	-.19020	.33022
#2	46.976	.00388	1.2664	513.42	4.2597	-.18815	.33283

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.01360	29.00	.13225	5.8147	4.2874
Stddev	.00022	.04	.00021	.0824	.0817
%RSD	1.6368	.1354	.15538	1.4178	1.9058

#1	-.01345	29.02	.13239	5.7564	4.2296
#2	-.01376	28.97	.13210	5.8730	4.3452

Sample Name: J5188-04 Acquired: 10/2/2018 18:44:51 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: WWT-TK-01.02 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	2879.6	57165.	4882.1	97.386	3492.8
Stddev	16.1	321.	17.6	.809	21.1
%RSD	.55913	.56217	.36094	.83119	.60358
#1	2868.2	56938.	4894.5	96.814	3477.9
#2	2891.0	57392.	4869.6	97.959	3507.7

Sample Name: J5186-12 Acquired: 10/2/2018 18:48:55 Type: Unk
Method: P4-ICP2(v2469) 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	.00548	.00334	.00013	-.00026	-.00335	-.01242	.02152	.00010
Stddev	.00134	.00096	.00034	.00028	.00036	.00641	.00048	.00007
%RSD	24.544	28.781	267.32	107.53	10.744	51.621	2.2500	75.060

#1	.00643	.00402	.00037	-.00046	-.00360	-.01695	.02187	.00005
#2	.00453	.00266	-.00011	-.00006	-.00309	-.00788	.02118	.00015

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00015	62.051	-.00150	-.00008	.00256	-.02458	.00723	144.88
Stddev	.00000	.279	.00008	.00004	.00046	.00452	.00005	.08
%RSD	2.2440	.44936	5.0070	49.307	18.072	18.396	.70473	.05743

#1	-.00016	61.854	-.00155	-.00011	.00288	-.02777	.00720	144.82
#2	-.00015	62.248	-.00145	-.00005	.00223	-.02138	.00727	144.94

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00152	-.00099	873.91	.00099	-.00065	57.544	.00088	.75725
Stddev	.00024	.00023	21.59	.00023	.00010	.365	.00011	.01799
%RSD	16.085	23.587	2.4707	23.196	16.216	.63495	12.333	2.3753

#1	-.00169	-.00116	889.18	.00083	-.00057	57.285	.00080	.76997
#2	-.00135	-.00083	858.65	.00115	-.00072	57.802	.00095	.74453

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	115.92	.84496	-.04259	.00158	.02420	.0846	.89807	5.2744
Stddev	.29	.00353	.00009	.00026	.00001	.0008	.00149	.1716
%RSD	.25010	.41768	.20000	16.497	.04664	.9047	.16569	3.2539

#1	116.12	.84246	-.04265	.00140	.02420	.0851	.89702	5.1530
#2	115.71	.84745	-.04253	.00177	.02421	.0840	.89913	5.3957

Elem	U_3859
Units	ppm
Avg	4.0588
Stddev	.1362
%RSD	3.3567

#1	3.9624
#2	4.1551

Sample Name: J5186-12 Acquired: 10/2/2018 18:48:55 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3056.7	61952.	5006.7	104.88	3899.0
Stddev	3.9	27.	39.6	1.28	12.8
%RSD	.12740	.04390	.79074	1.2183	.32712
#1	3059.5	61933.	5034.6	103.98	3890.0
#2	3054.0	61971.	4978.7	105.79	3908.0

Sample Name: CCV09 Acquired: 10/2/2018 19:01:10 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV13936 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9021	5.1216	4.9205	4.9621	5.0473	10.354	10.074
Stddev	.0019	.0143	.0078	.0055	.0042	.057	.020
%RSD	.03951	.27982	.15910	.10996	.08260	.55019	.19524

#1	4.9034	5.1114	4.9150	4.9582	5.0444	10.394	10.060
#2	4.9007	5.1317	4.9261	4.9660	5.0503	10.314	10.088

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25190	2.5052	25.091	1.0122	2.4679	1.2471	4.9585
Stddev	.00097	.0061	.075	.0004	.0049	.0011	.0352
%RSD	.38353	.24475	.29832	.03534	.19693	.08634	.71071

#1	.25258	2.5009	25.038	1.0125	2.4644	1.2479	4.9335
#2	.25121	2.5095	25.144	1.0120	2.4713	1.2464	4.9834

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5698	24.590	2.4542	1.2362	24.454	2.5271	2.6045
Stddev	.0012	.219	.0045	.0025	.052	.0016	.0563
%RSD	.04601	.88998	.18441	.20306	.21369	.06346	2.1619

#1	2.5690	24.435	2.4510	1.2380	24.491	2.5282	2.5646
#2	2.5706	24.745	2.4574	1.2345	24.417	2.5259	2.6443

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.562	5.0434	5.2210	F 6.1986	4.7214	4.9139	4.9445
Stddev	.005	.0012	.0383	.0234	.0552	.0051	.0139
%RSD	.02072	.02342	.73327	.37820	1.1694	.10319	.28179

#1	26.558	5.0425	5.1939	6.2152	4.6824	4.9175	4.9347
#2	26.566	5.0442	5.2481	6.1820	4.7605	4.9103	4.9544

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F 6.0928	5.159	4.9345	F 2.7398	F 3.6994
Stddev	.0076	.008	.0109	.1403	.1131
%RSD	.12479	.1567	.22158	5.1209	3.0559

#1	6.0874	5.164	4.9267	2.8390	3.6194
#2	6.0982	5.153	4.9422	2.6405	3.7793

Sample Name: CCV09 Acquired: 10/2/2018 19:01:10 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV13936 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	3393.0	69811.	5143.1	107.54	4498.8
Stddev	8.4	142.	33.9	1.97	6.4
%RSD	.24736	.20361	.65966	1.8277	.14314
#1	3387.1	69911.	5167.1	108.93	4494.3
#2	3398.9	69710.	5119.1	106.15	4503.4

Sample Name: CCB09 Acquired: 10/2/2018 19:04:54 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB13936 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00327	.00148	-.00086	-.00216	-.00138	-.00596	.00239
Stddev	.00015	.00089	.00018	.00065	.00089	.00778	.00009
%RSD	4.5076	60.065	20.686	29.942	64.664	130.44	3.6549

#1	.00317	.00085	-.00099	-.00261	-.00201	-.00046	.00233
#2	.00338	.00211	-.00074	-.00170	-.00075	-.01147	.00245

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.00009	-.00456	-.00077	.00015	-.00002	.00639
Stddev	.00003	.00012	.00777	.00031	.00001	.00022	.01012
%RSD	94.887	134.21	170.39	40.247	5.1460	905.88	158.29

#1	.00001	-.00017	.00093	-.00055	.00014	.00013	.01355
#2	.00006	-.00000	-.01006	-.00099	.00015	-.00018	-.00076

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00020	-.00510	.00066	-.00053	F .70453	.00016	-.00096
Stddev	.00003	.00848	.00031	.00014	.01786	.00038	.00003
%RSD	13.214	166.27	47.384	26.182	2.5356	231.41	2.6364

#1	-.00022	.00090	.00087	-.00043	.69190	-.00010	-.00097
#2	-.00018	-.01109	.00044	-.00062	.71716	.00043	-.00094

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1.2089	.00090	F .16777	F .76435	-.00179	-.00129	.00265
Stddev	.0003	.00038	.00754	.02155	.00141	.00038	.00044
%RSD	.02714	42.194	4.4956	2.8191	78.795	29.768	16.456

#1	1.2091	.00117	.16244	.77959	-.00279	-.00156	.00234
#2	1.2087	.00063	.17310	.74912	-.00079	-.00102	.00295

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	F -.01345	-.0036	-.00000	F .79989	F 1.6805		
Stddev	.00159	.0001	.00007	.17494	.0533		
%RSD	11.853	1.600	1513.9	21.871	3.1740		

#1	-.01457	-.0037	-.00006	.67618	1.6428		
#2	-.01232	-.0036	.00005	.92359	1.7182		

Sample Name: CCB09 Acquired: 10/2/2018 19:04:54 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB13936 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	3583.5	73735.	5267.3	113.20	5083.2
Stddev	1.1	104.	3.8	1.63	5.1
%RSD	.03182	.14114	.07225	1.4400	.10127
#1	3582.7	73661.	5270.0	112.05	5079.6
#2	3584.3	73808.	5264.6	114.35	5086.9

Sample Name: J5186-13 Acquired: 10/2/2018 19:08:59 Type: Unk
Method: P4-ICP2(v2469) 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	.00722	.00295	.00061	.00128	-.00286	-.00838	.02217	.00011
Stddev	.00149	.00111	.00026	.00096	.00035	.00465	.00042	.00001
%RSD	20.647	37.487	43.146	75.288	12.133	55.503	1.8724	10.937

#1	.00617	.00217	.00043	.00195	-.00310	-.00509	.02247	.00010
#2	.00827	.00373	.00080	.00060	-.00261	-.01167	.02188	.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00015	61.115	-.00145	-.00024	.00086	-.02007	.01131	142.54
Stddev	.00009	.617	.00007	.00026	.00036	.00264	.00095	.68
%RSD	59.938	1.0096	5.0834	108.74	42.412	13.142	8.3840	.47904

#1	-.00022	60.679	-.00150	-.00006	.00060	-.01821	.01198	142.06
#2	-.00009	61.552	-.00140	-.00042	.00112	-.02194	.01064	143.02

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00187	-.00060	967.27	.00137	-.00053	51.359	.00108	.61976
Stddev	.00012	.00004	.99	.00008	.00001	.747	.00010	.01234
%RSD	6.6304	7.0706	.10230	5.8397	2.5715	1.4550	8.8256	1.9909

#1	-.00179	-.00063	967.97	.00131	-.00052	50.830	.00101	.62849
#2	-.00196	-.00057	966.57	.00143	-.00054	51.887	.00114	.61104

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	113.78	.83536	-.04108	.00086	.02610	.0821	.87782	4.3729
Stddev	.36	.00515	.00003	.00149	.00043	.0012	.00816	.9208
%RSD	.31488	.61693	.06536	173.69	1.6350	1.470	.92936	21.057

#1	113.53	.83172	-.04106	.00191	.02580	.0830	.87205	5.0240
#2	114.03	.83901	-.04110	-.00020	.02640	.0813	.88358	3.7218

Elem	U_3859
Units	ppm
Avg	3.4365
Stddev	.0449
%RSD	1.3051

#1	3.4048
#2	3.4682

Sample Name: J5186-13 Acquired: 10/2/2018 19:08:59 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3045.6	64432.	4973.0	105.44	3905.9
Stddev	3.2	4125.	44.7	.88	8.5
%RSD	.10665	6.4018	.89855	.83932	.21683
#1	3047.9	61515.	5004.6	106.07	3911.9
#2	3043.3	67348.	4941.4	104.81	3899.9

Sample Name: J5186-14 Acquired: 10/2/2018 19:13:06 Type: Unk
Method: P4-ICP2(v2469) 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	.00807	.00258	.00039	.00073	-.00328	-.01687	.02188	.00013
Stddev	.00247	.00159	.00029	.00193	.00089	.00423	.00029	.00001
%RSD	30.638	61.559	75.382	263.60	27.043	25.063	1.3195	4.9041

#1	.00982	.00146	.00018	-.00063	-.00391	-.01388	.02168	.00012
#2	.00632	.00371	.00059	.00209	-.00266	-.01985	.02209	.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00022	61.342	-.00202	-.00017	.00119	-.02160	.01057	142.15
Stddev	.00004	.384	.00036	.00010	.00066	.00674	.00004	.66
%RSD	19.905	.62606	17.851	59.456	55.422	31.217	.34751	.46405

#1	-.00018	61.613	-.00228	-.00010	.00165	-.01683	.01059	142.61
#2	-.00025	61.070	-.00177	-.00024	.00072	-.02636	.01054	141.68

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00110	-.00143	942.59	.00147	-.00060	51.759	.00122	.59443
Stddev	.00014	.00047	31.63	.00096	.00001	.172	.00002	.00451
%RSD	12.533	32.841	3.3554	65.271	1.8823	.33264	1.5401	.75857

#1	-.00120	-.00110	964.95	.00216	-.00060	51.881	.00123	.59124
#2	-.00100	-.00177	920.23	.00079	-.00061	51.637	.00120	.59762

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	112.04	.84129	-.04121	.00186	.02613	.0810	.88208	5.3503
Stddev	.67	.00662	.00005	.00015	.00050	.0008	.00518	.1700
%RSD	.59827	.78643	.11454	7.8580	1.9303	.9830	.58672	3.1782

#1	111.56	.84597	-.04124	.00175	.02577	.0804	.88574	5.2301
#2	112.51	.83661	-.04117	.00196	.02649	.0816	.87842	5.4706

Elem	U_3859
Units	ppm
Avg	3.9558
Stddev	.0544
%RSD	1.3742

#1	3.9943
#2	3.9174

Sample Name: J5186-14 Acquired: 10/2/2018 19:13:06 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3060.2	61421.	4906.5	101.37	3912.0
Stddev	31.4	63.	50.2	1.83	30.2
%RSD	1.0246	.10179	1.0226	1.8024	.77185
#1	3082.4	61377.	4871.0	100.08	3933.3
#2	3038.0	61466.	4941.9	102.67	3890.6

Sample Name: J5187-02 Acquired: 10/2/2018 19:17:14 Type: Unk
Method: P4-ICP2(v2469) 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	.00840	.00323	.00141	.00092	-.00196	-.01995	.02286	.00005
Stddev	.00166	.00043	.00109	.00045	.00040	.01094	.00016	.00002
%RSD	19.711	13.201	77.834	48.861	20.329	54.848	.68674	46.852

#1	.00957	.00293	.00063	.00124	-.00168	-.01221	.02297	.00004
#2	.00723	.00353	.00218	.00060	-.00225	-.02769	.02275	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	52.872	-.00168	-.00059	.00109	-.00965	.00387	112.82
Stddev	.00004	.405	.00026	.00015	.00014	.00489	.00003	.02
%RSD	25.781	.76646	15.505	26.103	12.628	50.656	.72247	.01841

#1	-.00017	52.586	-.00149	-.00070	.00099	-.00619	.00389	112.83
#2	-.00012	53.159	-.00186	-.00048	.00118	-.01311	.00385	112.80

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00120	-.00054	758.77	.00127	-.00029	40.733	.00077	.49105
Stddev	.00045	.00004	1.02	.00032	.00002	.367	.00035	.00361
%RSD	37.378	7.0926	.13432	25.025	6.5835	.90192	46.304	.73474

#1	-.00088	-.00057	758.05	.00150	-.00031	40.473	.00102	.49360
#2	-.00151	-.00052	759.49	.00105	-.00028	40.993	.00052	.48850

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	87.745	.82440	-.03221	.00145	.01701	.0703	.70899	4.7432
Stddev	5.105	.00068	.00179	.00096	.00424	.0045	.00470	.0210
%RSD	5.8182	.08268	5.5476	66.090	24.945	6.462	.66254	.44249

#1	84.136	.82488	-.03094	.00077	.02000	.0671	.70567	4.7580
#2	91.355	.82392	-.03347	.00213	.01401	.0735	.71231	4.7283

Elem	U_3859
Units	ppm
Avg	3.5157
Stddev	.5264
%RSD	14.972

#1	3.8879
#2	3.1435

Sample Name: J5187-02 Acquired: 10/2/2018 19:17:14 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3116.0	62703.	4952.5	103.42	4012.1
Stddev	151.5	204.	41.0	1.64	192.3
%RSD	4.8626	.32482	.82773	1.5879	4.7933
#1	3223.2	62559.	4981.5	104.58	4148.1
#2	3008.9	62847.	4923.5	102.26	3876.2

Sample Name: J5187-03 Acquired: 10/2/2018 19:21:21 Type: Unk
Method: P4-ICP2(v2469) 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	.00615	.00223	-.00049	.00326	-.00386	-.00292	.02227	.00018
Stddev	.00008	.00123	.00085	.00010	.00038	.00583	.00014	.00010
%RSD	1.2921	55.147	174.34	3.1718	9.8380	199.97	.62236	52.083
#1	.00621	.00310	.00011	.00333	-.00413	-.00704	.02217	.00025
#2	.00609	.00136	-.00109	.00319	-.00359	.00121	.02237	.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00021	52.955	-.00163	-.00025	.00120	-.00777	.00405	113.03
Stddev	.00007	.330	.00065	.00008	.00078	.01285	.00012	.44
%RSD	34.114	.62252	39.853	31.142	65.152	165.45	3.0116	.38836
#1	-.00016	52.722	-.00209	-.00019	.00065	-.01685	.00396	113.34
#2	-.00026	53.188	-.00117	-.00030	.00175	.00132	.00413	112.72

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00141	-.00131	766.93	.00102	-.00072	40.887	.00087	.47164
Stddev	.00037	.00071	1.25	.00036	.00005	.268	.00009	.01335
%RSD	26.121	53.941	.16257	35.520	6.3068	.65522	10.123	2.8314
#1	-.00167	-.00181	767.81	.00128	-.00075	40.697	.00093	.48108
#2	-.00115	-.00081	766.04	.00077	-.00069	41.076	.00081	.46219

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	88.411	.80971	-.03301	.00062	.01584	.0683	.71317	5.2168
Stddev	.614	.01832	.00145	.00212	.00482	.0025	.00382	.7441
%RSD	.69433	2.2620	4.3806	339.28	30.429	3.593	.53596	14.264
#1	88.845	.79675	-.03404	.00212	.01924	.0666	.71047	4.6906
#2	87.977	.82266	-.03199	-.00087	.01243	.0701	.71587	5.7430

Elem	U_3859
Units	ppm
Avg	3.6536
Stddev	.2181
%RSD	5.9683
#1	3.8078
#2	3.4994

Sample Name: J5187-03 Acquired: 10/2/2018 19:21:21 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3091.2	60664.	4914.4	103.92	3990.7
Stddev	10.6	2563.	30.0	.54	11.1
%RSD	.34321	4.2253	.60999	.51601	.27929
#1	3083.7	62477.	4935.6	104.29	3982.9
#2	3098.7	58852.	4893.2	103.54	3998.6

Sample Name: J5187-04 Acquired: 10/2/2018 19:25:29 Type: Unk
Method: P4-ICP2(v2469) 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	.01071	.00248	.00032	.00151	-.00384	-.00451	.02268	.00006
Stddev	.00092	.00006	.00196	.00277	.00016	.00150	.00004	.00004
%RSD	8.6125	2.4804	618.66	183.76	4.1210	33.332	.17864	72.574
#1	.01006	.00243	.00170	.00347	-.00373	-.00557	.02271	.00008
#2	.01136	.00252	-.00107	-.00045	-.00395	-.00344	.02266	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	54.674	-.00174	-.00034	.00098	.00013	.00450	118.34
Stddev	.00001	.074	.00005	.00006	.00004	.00111	.00004	.31
%RSD	10.760	.13538	2.9301	19.271	3.6328	839.40	.87707	.26536
#1	-.00007	54.622	-.00178	-.00038	.00096	.00092	.00453	118.12
#2	-.00008	54.726	-.00170	-.00029	.00101	-.00065	.00447	118.56

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00246	-.00086	811.69	.00128	-.00064	42.734	.00086	.50350
Stddev	.00043	.00112	8.48	.00054	.00011	.253	.00042	.01714
%RSD	17.443	129.96	1.0446	42.250	17.095	.59310	48.659	3.4046
#1	-.00276	-.00165	817.69	.00166	-.00072	42.554	.00115	.49138
#2	-.00215	-.00007	805.69	.00090	-.00056	42.913	.00056	.51562

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	93.492	.81313	-.03449	.00206	.01977	.0708	.74677	4.9517
Stddev	.172	.00494	.00060	.00146	.00051	.0007	.00270	.1966
%RSD	.18386	.60739	1.7362	71.121	2.5712	1.044	.36164	3.9698
#1	93.371	.80964	-.03407	.00309	.02013	.0713	.74486	4.8127
#2	93.614	.81663	-.03491	.00102	.01941	.0703	.74868	5.0907

Elem	U_3859
Units	ppm
Avg	3.3128
Stddev	.2796
%RSD	8.4396
#1	3.5105
#2	3.1151

Sample Name: J5187-04 Acquired: 10/2/2018 19:25:29 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3066.0	62040.	4884.0	101.78	3933.8
Stddev	5.8	167.	47.7	.50	7.5
%RSD	.19057	.26866	.97645	.49418	.19044
#1	3070.2	62158.	4917.8	102.14	3939.1
#2	3061.9	61922.	4850.3	101.43	3928.5

Sample Name: J5187-05 Acquired: 10/2/2018 19:29:37 Type: Unk
Method: P4-ICP2(v2469) 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	.00670	.00274	.00096	.00067	-.00441	.00046	.02225	.00011
Stddev	.00040	.00055	.00032	.00071	.00057	.00190	.00019	.00003
%RSD	6.0303	20.058	32.819	105.39	13.037	415.59	.85241	28.840

#1	.00642	.00313	.00119	.00118	-.00481	-.00088	.02238	.00009
#2	.00699	.00235	.00074	.00017	-.00400	.00180	.02211	.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	53.939	-.00186	-.00004	.00054	-.01541	.00481	116.73
Stddev	.00008	.521	.00035	.00004	.00006	.00420	.00007	.51
%RSD	114.72	.96668	18.914	112.99	11.141	27.288	1.3559	.43287

#1	-.00012	53.570	-.00211	-.00001	.00050	-.01838	.00486	117.09
#2	-.00001	54.307	-.00161	-.00007	.00058	-.01244	.00476	116.38

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00119	-.00040	796.17	.00089	-.00030	42.061	.00085	.48601
Stddev	.00049	.00077	5.47	.00061	.00001	.563	.00044	.00070
%RSD	41.485	195.34	.68767	68.488	4.6869	1.3395	51.796	.14339

#1	-.00084	.00015	800.04	.00046	-.00031	41.663	.00054	.48650
#2	-.00154	-.00094	792.30	.00132	-.00029	42.459	.00116	.48552

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	88.465	.79482	-.03321	.00352	.01610	.0668	.73563	4.9030
Stddev	.313	.00424	.00054	.00075	.00067	.0016	.00926	.0389
%RSD	.35376	.53379	1.6368	21.377	4.1548	2.384	1.2584	.79391

#1	88.687	.79182	-.03283	.00405	.01563	.0679	.72909	4.8755
#2	88.244	.79782	-.03360	.00299	.01658	.0657	.74218	4.9305

Elem	U_3859
Units	ppm
Avg	4.1845
Stddev	.1288
%RSD	3.0772

#1	4.0935
#2	4.2756

Sample Name: J5187-05 Acquired: 10/2/2018 19:29:37 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3179.0	61907.	4916.6	102.09	4088.3
Stddev	3.1	374.	60.0	3.95	7.6
%RSD	.09669	.60475	1.2200	3.8648	.18592
#1	3176.9	62172.	4959.0	104.88	4082.9
#2	3181.2	61643.	4874.2	99.296	4093.7

Sample Name: J5187-06 Acquired: 10/2/2018 19:33:45 Type: Unk
Method: P4-ICP2(v2469) 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	.00791	.00071	-.00032	.00087	-.00232	-.01237	.02194	.00003
Stddev	.00240	.00049	.00184	.00056	.00009	.00218	.00015	.00005
%RSD	30.329	68.731	576.30	64.839	3.7937	17.624	.68206	148.36

#1	.00621	.00036	-.00162	.00047	-.00226	-.01083	.02204	.00006
#2	.00961	.00106	.00098	.00127	-.00239	-.01391	.02183	-.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00017	54.185	-.00142	-.00031	.00133	-.01345	.00478	117.21
Stddev	.00016	.127	.00002	.00012	.00016	.00285	.00003	.01
%RSD	97.211	.23464	1.3802	39.061	11.947	21.189	.54089	.00601

#1	-.00005	54.274	-.00140	-.00040	.00121	-.01546	.00476	117.21
#2	-.00028	54.095	-.00143	-.00023	.00144	-.01143	.00480	117.20

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00157	.00008	793.62	.00099	-.00059	42.300	.00092	.48758
Stddev	.00032	.00023	2.49	.00047	.00005	.191	.00018	.00294
%RSD	20.432	285.71	.31408	47.074	7.6021	.45042	19.963	.60321

#1	-.00179	.00024	795.39	.00066	-.00062	42.435	.00105	.48550
#2	-.00134	-.00008	791.86	.00133	-.00056	42.165	.00079	.48966

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	93.099	.80608	-.03476	.00168	.01665	.0715	.73901	4.8751
Stddev	.050	.00287	.00055	.00109	.00025	.0014	.00425	.0369
%RSD	.05410	.35588	1.5959	64.717	1.5254	1.919	.57498	.75708

#1	93.134	.80405	-.03437	.00091	.01683	.0725	.74201	4.8490
#2	93.063	.80810	-.03515	.00245	.01647	.0706	.73601	4.9012

Elem	U_3859
Units	ppm
Avg	3.5785
Stddev	.3297
%RSD	9.2147

#1	3.8117
#2	3.3453

Sample Name: J5187-06 Acquired: 10/2/2018 19:33:45 Type: Unk
 Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3055.0	61809.	4885.8	102.71	3922.7
Stddev	5.4	53.	12.2	.46	1.6
%RSD	.17630	.08573	.25035	.45165	.04077
#1	3058.8	61846.	4877.2	103.04	3923.8
#2	3051.2	61772.	4894.5	102.39	3921.5

Sample Name: J5187-07 Acquired: 10/2/2018 19:37:54 Type: Unk
Method: P4-ICP2(v2469) 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	.00767	.00128	.00038	.00149	-.00236	-.01100	.02319	.00001
Stddev	.00146	.00030	.00054	.00261	.00106	.00346	.00084	.00012
%RSD	18.987	23.573	142.07	175.13	44.905	31.474	3.6143	1255.0
#1	.00664	.00107	.00076	.00333	-.00161	-.00855	.02260	-.00007
#2	.00870	.00149	-.00000	-.00035	-.00311	-.01345	.02379	.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00017	53.994	-.00148	-.00032	.00157	-.00020	.00431	115.36
Stddev	.00004	.208	.00048	.00032	.00050	.00000	.00004	.42
%RSD	25.901	.38502	32.715	100.68	31.645	1.0535	.92803	.36608
#1	-.00021	53.847	-.00114	-.00009	.00193	-.00019	.00434	115.06
#2	-.00014	54.141	-.00182	-.00055	.00122	-.00020	.00429	115.66

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00166	-.00073	788.04	.00112	.00126	41.391	.00076	.48247
Stddev	.00012	.00019	1.74	.00023	.00002	.194	.00011	.01176
%RSD	7.3441	25.995	.22095	20.520	1.4246	.46776	13.910	2.4369
#1	-.00174	-.00060	786.81	.00129	.00128	41.254	.00083	.47415
#2	-.00157	-.00087	789.27	.00096	.00125	41.528	.00068	.49078

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	90.241	.82320	-.03402	.00023	.01921	.0713	.72870	5.1740
Stddev	.689	.00612	.00035	.00172	.00164	.0011	.00271	.1246
%RSD	.76337	.74302	1.0277	758.37	8.5149	1.481	.37167	2.4076
#1	90.728	.81888	-.03377	.00144	.01806	.0706	.72679	5.0859
#2	89.754	.82753	-.03427	-.00099	.02037	.0721	.73062	5.2620

Elem	U_3859
Units	ppm
Avg	3.5568
Stddev	.3369
%RSD	9.4722
#1	3.3186
#2	3.7950

Sample Name: J5187-07 Acquired: 10/2/2018 19:37:54 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3079.9	61864.	4888.2	102.35	3983.2
Stddev	16.5	126.	38.9	1.56	26.5
%RSD	.53426	.20384	.79634	1.5208	.66462
#1	3068.2	61953.	4915.8	103.45	3964.5
#2	3091.5	61775.	4860.7	101.25	4001.9

Sample Name: J5187-08 Acquired: 10/2/2018 19:42:02 Type: Unk
Method: P4-ICP2(v2469) 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	.00703	.00127	.00104	.00144	-.00407	-.02180	.02520	.00002
Stddev	.00176	.00063	.00039	.00210	.00013	.01747	.00301	.00010
%RSD	24.960	49.924	37.756	145.96	3.3009	80.109	11.939	622.90
#1	.00579	.00171	.00132	-.00005	-.00398	-.03416	.02732	-.00006
#2	.00827	.00082	.00077	.00293	-.00417	-.00945	.02307	.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	57.647	-.00159	-.00029	.00120	-.01684	.00496	122.88
Stddev	.00005	4.890	.00008	.00010	.00048	.00391	.00001	10.42
%RSD	44.712	8.4834	5.2864	33.377	40.236	23.218	.28376	8.4786
#1	-.00008	61.105	-.00165	-.00023	.00086	-.01407	.00495	130.25
#2	-.00016	54.189	-.00154	-.00036	.00154	-.01960	.00497	115.51

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00165	-.00052	840.34	.00103	-.00075	44.026	.00098	.51376
Stddev	.00036	.00014	87.53	.00064	.00010	3.217	.00029	.03470
%RSD	21.619	27.367	10.416	62.281	13.710	7.3075	29.254	6.7547
#1	-.00140	-.00042	902.23	.00058	-.00067	46.301	.00078	.53830
#2	-.00191	-.00063	778.45	.00149	-.00082	41.751	.00118	.48922

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	89.898	.86355	-.03289	.00336	.02520	.0739	.77688	4.8833
Stddev	.238	.06192	.00026	.00024	.00835	.0005	.06596	.2514
%RSD	.26513	7.1702	.79924	7.0618	33.148	.6296	8.4904	5.1472
#1	90.066	.90733	-.03307	.00353	.03110	.0736	.82352	4.7056
#2	89.729	.81977	-.03270	.00319	.01929	.0743	.73024	5.0610

Elem	U_3859
Units	ppm
Avg	3.8346
Stddev	.3961
%RSD	10.330
#1	3.5545
#2	4.1147

Sample Name: J5187-08 Acquired: 10/2/2018 19:42:02 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3058.2	61777.	4582.3	96.211	3959.5
Stddev	2.8	94.	305.4	7.249	5.4
%RSD	.09043	.15290	6.6653	7.5345	.13721
#1	3060.2	61844.	4366.4	91.085	3955.6
#2	3056.3	61710.	4798.3	101.34	3963.3

Sample Name: J5187-09 Acquired: 10/2/2018 19:46:10 Type: Unk
Method: P4-ICP2(v2469) 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	.00724	.00243	.00110	.00190	-.00343	-.01458	.02185	.00008
Stddev	.00312	.00307	.00091	.00284	.00084	.00079	.00038	.00004
%RSD	43.120	126.23	82.044	149.75	24.599	5.3935	1.7192	54.092
#1	.00503	.00461	.00046	.00391	-.00403	-.01403	.02159	.00011
#2	.00945	.00026	.00175	-.00011	-.00283	-.01514	.02212	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00016	59.482	-.00139	-.00048	.00115	-.00590	.00876	136.41
Stddev	.00008	.196	.00038	.00027	.00014	.01252	.00008	.62
%RSD	48.121	.32952	27.135	56.739	12.527	212.32	.96071	.45759
#1	-.00011	59.343	-.00165	-.00067	.00105	-.01475	.00870	136.85
#2	-.00022	59.620	-.00112	-.00029	.00125	.00296	.00882	135.97

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00195	-.00081	894.53	.00157	-.00069	48.825	.00113	.54293
Stddev	.00051	.00012	4.25	.00041	.00001	.258	.00004	.00236
%RSD	26.210	14.462	.47481	25.833	1.2940	.52886	3.9608	.43453
#1	-.00159	-.00089	897.54	.00186	-.00070	48.642	.00116	.54460
#2	-.00231	-.00073	891.53	.00128	-.00069	49.008	.00110	.54126

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	108.61	.82096	-.04015	.00117	.02055	.0780	.84900	5.0254
Stddev	.10	.00585	.00088	.00051	.00303	.0015	.00223	.4337
%RSD	.09395	.71297	2.1870	43.413	14.767	1.908	.26223	8.6303
#1	108.68	.82510	-.03953	.00153	.01840	.0770	.84742	4.7187
#2	108.54	.81682	-.04077	.00081	.02269	.0791	.85057	5.3321

Elem	U_3859
Units	ppm
Avg	3.9847
Stddev	.0744
%RSD	1.8663
#1	3.9321
#2	4.0373

Sample Name: J5187-09 Acquired: 10/2/2018 19:46:10 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3017.1	61107.	4875.2	101.35	3861.9
Stddev	5.9	30.	15.5	1.58	4.6
%RSD	.19514	.04849	.31887	1.5564	.11856
#1	3021.2	61128.	4886.2	102.47	3858.6
#2	3012.9	61086.	4864.2	100.24	3865.1

Sample Name: CCV10 Acquired: 10/2/2018 19:50:18 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7523 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8954	5.1171	4.9188	4.9763	5.0622	10.380	10.194
Stddev	.0229	.0170	.0109	.0198	.0021	.091	.249
%RSD	.46863	.33189	.22219	.39841	.04130	.87835	2.4432

#1	4.9117	5.1291	4.9265	4.9904	5.0607	10.316	10.018
#2	4.8792	5.1051	4.9111	4.9623	5.0637	10.445	10.370

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25224	2.5119	25.707	1.0146	2.4666	1.2495	5.2488
Stddev	.00009	.0059	.691	.0034	.0072	.0013	.0654
%RSD	.03714	.23429	2.6877	.33501	.29120	.10575	1.2454

#1	.25217	2.5161	25.218	1.0122	2.4717	1.2505	5.2025
#2	.25230	2.5078	26.195	1.0170	2.4615	1.2486	5.2950

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5766	24.827	2.4491	1.2413	23.958	2.5299	F 2.7764
Stddev	.0011	.559	.0039	.0020	.736	.0009	.0238
%RSD	.04238	2.2496	.15719	.15992	3.0718	.03707	.85687

#1	2.5774	24.432	2.4518	1.2399	23.438	2.5293	2.7596
#2	2.5758	25.222	2.4463	1.2428	24.479	2.5306	2.7932

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.569	5.0426	5.1256	F 6.2468	4.8214	4.9159	5.0158
Stddev	.615	.0010	.1353	.0858	.1150	.0140	.1366
%RSD	2.3138	.02062	2.6396	1.3739	2.3842	.28444	2.7227

#1	26.135	5.0434	5.0299	6.3075	4.7401	4.9258	4.9192
#2	27.004	5.0419	5.2212	6.1861	4.9027	4.9060	5.1124

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F 6.2042	5.143	5.0176	F 2.7660	F 3.7464
Stddev	.1617	.025	.1186	.2352	.0157
%RSD	2.6067	.4842	2.3627	8.5027	.41964

#1	6.0899	5.161	4.9337	2.5997	3.7575
#2	6.3186	5.126	5.1014	2.9323	3.7353

Sample Name: CCV10 Acquired: 10/2/2018 19:50:18 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7523 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	3361.0	68978.	4973.5	100.05	4465.8
Stddev	11.6	414.	77.1	.66	22.0
%RSD	.34595	.60051	1.5505	.66292	.49198
#1	3352.8	68685.	5028.0	100.52	4450.3
#2	3369.2	69271.	4919.0	99.584	4481.3

Sample Name: CCB10 Acquired: 10/2/2018 19:54:03 Type: Unk
 Method: P4-ICP2(v2469) 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	.00387	.00264	-.00235	-.00244	-.00136	.01257	.00264
Stddev	.00278	.00006	.00107	.00149	.00111	.01293	.00048
%RSD	71.942	2.2290	45.380	61.131	81.810	102.92	18.064

#1	.00584	.00268	-.00160	-.00349	-.00057	.00342	.00231
#2	.00190	.00260	-.00311	-.00138	-.00214	.02171	.00298

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.00002	-.01173	-.00072	-.00013	-.00067	-.01384
Stddev	.00001	.00003	.00243	.00007	.00019	.00024	.00214
%RSD	24.494	117.32	20.739	9.4639	148.30	36.663	15.434

#1	.00006	.00004	-.01345	-.00077	.00001	-.00084	-.01535
#2	.00004	.00000	-.01001	-.00067	-.00026	-.00049	-.01233

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00015	-.02369	.00109	-.00083	.40236	.00053	-.00098
Stddev	.00004	.00409	.00019	.00041	.01750	.00020	.00003
%RSD	25.414	17.270	17.320	49.139	4.3482	37.986	2.8305

#1	-.00012	-.02080	.00096	-.00054	.41473	.00039	-.00096
#2	-.00018	-.02659	.00123	-.00112	.38999	.00068	-.00100

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .76061	.00093	F .07685	F .69976	-.00903	-.00136	.00247
Stddev	.01576	.00001	.00524	.03148	.00282	.00029	.00031
%RSD	2.0717	1.2712	6.8125	4.4985	31.263	21.502	12.594

#1	.77175	.00094	.08055	.72202	-.00704	-.00115	.00269
#2	.74947	.00092	.07315	.67750	-.01103	-.00157	.00225

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	F -.01757	-.0036	.00003	F .89081	F 1.8390		
Stddev	.00083	.0004	.00000	.43606	.0758		
%RSD	4.7388	10.63	3.0108	48.950	4.1229		

#1	-.01816	-.0033	.00003	.58247	1.7854		
#2	-.01698	-.0039	.00003	1.1991	1.8926		

Sample Name: CCB10 Acquired: 10/2/2018 19:54:03 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3542.3	72876.	5116.9	110.64	5060.1
Stddev	19.9	209.	22.2	1.11	20.0
%RSD	.56219	.28694	.43329	1.0007	.39532
#1	3528.2	73024.	5101.2	109.86	5046.0
#2	3556.4	72728.	5132.5	111.43	5074.2

Sample Name: J5187-10 Acquired: 10/2/2018 19:58:07 Type: Unk
Method: P4-ICP2(v2469) 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	.00642	.00226	.00059	.00029	-.00191	-.00402	.02431	.00009
Stddev	.00122	.00236	.00147	.00054	.00107	.00500	.00214	.00009
%RSD	19.016	104.32	247.96	185.13	55.884	124.57	8.7976	109.23

#1	.00729	.00059	-.00045	.00067	-.00266	-.00048	.02279	.00015
#2	.00556	.00393	.00163	-.00009	-.00115	-.00756	.02582	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00019	57.244	-.00158	-.00012	.00086	-.01219	.00674	124.08
Stddev	.00008	2.253	.00017	.00005	.00048	.00317	.00008	4.91
%RSD	45.108	3.9352	11.054	38.716	55.669	25.969	1.2324	3.9548

#1	-.00025	55.652	-.00171	-.00009	.00052	-.01443	.00668	120.61
#2	-.00013	58.837	-.00146	-.00015	.00120	-.00995	.00680	127.55

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00134	-.00055	897.13	.00091	-.00060	43.348	.00104	.50405
Stddev	.00052	.00011	21.81	.00024	.00018	1.787	.00019	.01068
%RSD	38.637	19.578	2.4307	26.933	30.069	4.1228	18.613	2.1193

#1	-.00097	-.00048	881.71	.00108	-.00072	42.084	.00118	.49650
#2	-.00170	-.00063	912.54	.00073	-.00047	44.612	.00090	.51161

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	93.240	.85440	-.03395	.00211	.02335	.0724	.78120	4.6195
Stddev	1.409	.03345	.00015	.00095	.00062	.0020	.03162	.0794
%RSD	1.5108	3.9156	.44017	45.178	2.6680	2.761	4.0471	1.7195

#1	92.244	.83075	-.03405	.00144	.02291	.0710	.75884	4.6757
#2	94.236	.87806	-.03384	.00279	.02379	.0738	.80355	4.5633

Elem	U_3859
Units	ppm
Avg	3.9225
Stddev	.5269
%RSD	13.432

#1	4.2951
#2	3.5500

Sample Name: J5187-10 Acquired: 10/2/2018 19:58:07 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3109.4	62067.	4730.2	96.883	4015.1
Stddev	55.4	69.	200.3	.556	57.0
%RSD	1.7823	.11168	4.2349	.57344	1.4187
#1	3148.6	62018.	4871.8	97.275	4055.4
#2	3070.2	62116.	4588.5	96.490	3974.9

Sample Name: J5187-11 Acquired: 10/2/2018 20:02:15 Type: Unk
Method: P4-ICP2(v2469) 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	.00909	.00125	.00111	.00050	-.00375	-.01678	.02220	.00010
Stddev	.00448	.00076	.00026	.00199	.00008	.00195	.00062	.00002
%RSD	49.248	60.390	23.020	398.66	2.1379	11.617	2.7827	19.932

#1	.00592	.00179	.00093	.00191	-.00369	-.01540	.02264	.00012
#2	.01225	.00072	.00129	-.00091	-.00381	-.01816	.02177	.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00016	55.074	-.00152	-.00034	.00158	-.00918	.00641	119.62
Stddev	.00001	.201	.00002	.00018	.00003	.01207	.00036	.18
%RSD	8.7311	.36529	1.1869	52.536	2.0038	131.54	5.6502	.15144

#1	-.00017	55.216	-.00150	-.00047	.00156	-.01771	.00615	119.49
#2	-.00015	54.931	-.00153	-.00021	.00160	-.00064	.00666	119.75

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00182	-.00071	836.88	.00103	-.00056	42.078	.00074	.45961
Stddev	.00024	.00027	26.34	.00009	.00001	.179	.00047	.00997
%RSD	13.227	37.719	3.1473	9.1675	1.0219	.42642	63.399	2.1685

#1	-.00165	-.00052	855.51	.00110	-.00056	41.951	.00041	.46666
#2	-.00199	-.00090	818.26	.00097	-.00056	42.205	.00108	.45257

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	93.744	.83143	-.03491	.00264	.01987	.0709	.75258	5.2016
Stddev	.151	.00794	.00055	.00042	.00199	.0018	.00068	.7277
%RSD	.16115	.95492	1.5826	15.924	10.007	2.573	.09009	13.990

#1	93.637	.82581	-.03452	.00294	.01847	.0722	.75210	4.6870
#2	93.851	.83704	-.03530	.00234	.02128	.0696	.75306	5.7161

Elem	U_3859
Units	ppm
Avg	3.9225
Stddev	.1552
%RSD	3.9570

#1	4.0322
#2	3.8127

Sample Name: J5187-11 Acquired: 10/2/2018 20:02:15 Type: Unk
 Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3052.1	60410.	4844.2	102.10	3934.3
Stddev	3.6	2864.	2.2	3.34	5.4
%RSD	.11792	4.7412	.04461	3.2692	.13837
#1	3049.5	62435.	4845.8	99.741	3938.2
#2	3054.6	58385.	4842.7	104.46	3930.5

Sample Name: J5187-12 Acquired: 10/2/2018 20:06:23 Type: Unk
Method: P4-ICP2(v2469) 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	.00688	.00195	.00143	.00478	-.00321	-.00031	.02226	.00014
Stddev	.00110	.00057	.00101	.00069	.00037	.00437	.00126	.00009
%RSD	15.962	29.249	70.121	14.545	11.526	1398.9	5.6585	62.481
#1	.00610	.00155	.00072	.00429	-.00347	-.00340	.02137	.00008
#2	.00765	.00235	.00214	.00527	-.00295	.00278	.02315	.00021

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	54.825	-.00157	-.00036	.00132	-.01037	.00696	119.27
Stddev	.00004	.082	.00001	.00005	.00055	.00736	.00001	.18
%RSD	34.126	.15039	.50912	14.955	41.265	70.942	.16703	.15128
#1	-.00015	54.766	-.00158	-.00039	.00171	-.01558	.00695	119.14
#2	-.00009	54.883	-.00157	-.00032	.00094	-.00517	.00697	119.39

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00128	-.00065	819.99	.00129	-.00055	42.315	.00115	.47183
Stddev	.00052	.00025	19.13	.00002	.00005	.176	.00043	.00887
%RSD	40.417	38.908	2.3335	1.2437	8.6164	.41564	37.474	1.8808
#1	-.00164	-.00083	833.52	.00130	-.00059	42.191	.00084	.46556
#2	-.00091	-.00047	806.46	.00128	-.00052	42.439	.00145	.47811

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	94.185	.81653	-.03439	.00152	.02262	.0702	.75080	4.6691
Stddev	.068	.00195	.00048	.00133	.00020	.0011	.00015	.0645
%RSD	.07213	.23930	1.3863	87.603	.89187	1.581	.01979	1.3812
#1	94.137	.81791	-.03473	.00246	.02247	.0694	.75091	4.7147
#2	94.233	.81514	-.03405	.00058	.02276	.0710	.75070	4.6235

Elem	U_3859
Units	ppm
Avg	3.4138
Stddev	.0373
%RSD	1.0922
#1	3.3874
#2	3.4401

Sample Name: J5187-12 Acquired: 10/2/2018 20:06:23 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3050.3	61830.	4861.3	99.377	3917.2
Stddev	2.7	144.	.7	.730	1.1
%RSD	.08732	.23366	.01445	.73487	.02914
#1	3048.4	61728.	4861.8	98.861	3918.0
#2	3052.2	61932.	4860.8	99.893	3916.4

Sample Name: J5187-13 Acquired: 10/2/2018 20:10:31 Type: Unk
Method: P4-ICP2(v2469) 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	.00755	.00364	.00130	-.00487	-.00373	-.00015	.02327	.00014
Stddev	.00183	.00006	.00071	.00137	.00156	.01196	.00120	.00002
%RSD	24.227	1.6722	55.067	28.213	41.848	8241.5	5.1554	13.042

#1	.00884	.00368	.00180	-.00584	-.00483	-.00860	.02242	.00013
#2	.00626	.00360	.00079	-.00389	-.00262	.00831	.02412	.00016

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00022	57.147	-.00160	-.00048	.00131	-.00686	.00387	123.68
Stddev	.00009	2.145	.00021	.00007	.00048	.00288	.00002	4.81
%RSD	39.632	3.7535	13.235	14.340	36.350	41.978	.47480	3.8910

#1	-.00016	55.630	-.00175	-.00043	.00097	-.00483	.00386	120.27
#2	-.00028	58.663	-.00145	-.00052	.00165	-.00890	.00389	127.08

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00180	-.00047	831.54	.00108	-.00070	44.310	.00117	.49836
Stddev	.00002	.00049	4.50	.00021	.00004	1.727	.00018	.02277
%RSD	1.0640	102.68	.54126	19.384	6.0676	3.8968	15.466	4.5682

#1	-.00179	-.00013	834.72	.00123	-.00067	43.089	.00130	.48226
#2	-.00182	-.00082	828.36	.00093	-.00073	45.531	.00105	.51446

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	94.176	.85263	-.03528	.00201	.02581	.0697	.78451	4.6158
Stddev	.727	.03897	.00063	.00071	.00088	.0015	.02981	.6055
%RSD	.77244	4.5706	1.7847	35.527	3.4204	2.150	3.8002	13.119

#1	93.661	.82508	-.03573	.00252	.02643	.0687	.76343	5.0439
#2	94.690	.88019	-.03484	.00151	.02518	.0708	.80559	4.1876

Elem	U_3859
Units	ppm
Avg	3.7215
Stddev	.1182
%RSD	3.1771

#1	3.6379
#2	3.8051

Sample Name: J5187-13 Acquired: 10/2/2018 20:10:31 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3062.5	61453.	4708.2	98.461	3947.9
Stddev	34.3	178.	173.1	2.025	41.1
%RSD	1.1195	.29009	3.6755	2.0570	1.0418
#1	3086.7	61327.	4830.6	99.894	3976.9
#2	3038.2	61579.	4585.8	97.029	3918.8

Sample Name: J5187-14 Acquired: 10/2/2018 20:14:39 Type: Unk
Method: P4-ICP2(v2469) 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	.00734	.00222	.00147	-.00176	-.00315	-.01865	.02222	.00012
Stddev	.00067	.00229	.00043	.00458	.00106	.01932	.00033	.00003
%RSD	9.1448	103.32	29.671	261.11	33.561	103.62	1.4850	23.650
#1	.00686	.00384	.00116	.00149	-.00390	-.03231	.02246	.00014
#2	.00781	.00060	.00177	-.00500	-.00241	-.00498	.02199	.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00018	55.155	-.00179	-.00039	.00081	-.01227	.00390	118.64
Stddev	.00004	.041	.00014	.00017	.00037	.01686	.00004	.08
%RSD	23.737	.07460	7.6733	43.965	45.672	137.42	.91743	.06737
#1	-.00015	55.184	-.00169	-.00027	.00107	-.02419	.00388	118.70
#2	-.00021	55.126	-.00188	-.00051	.00055	-.00035	.00393	118.58

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00159	-.00040	815.47	.00107	-.00050	42.589	.00096	.46289
Stddev	.00039	.00043	7.20	.00043	.00012	.003	.00003	.00488
%RSD	24.546	106.01	.88319	39.910	24.027	.00605	3.2064	1.0552
#1	-.00132	-.00010	810.38	.00137	-.00059	42.587	.00098	.46635
#2	-.00187	-.00070	820.56	.00077	-.00042	42.591	.00094	.45944

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	93.978	.83331	-.03551	.00181	.01917	.0719	.75199	4.9356
Stddev	.229	.00763	.00006	.00064	.00433	.0001	.00038	.0769
%RSD	.24349	.91554	.15832	35.139	22.591	.0752	.05071	1.5572
#1	93.816	.82792	-.03555	.00226	.01611	.0718	.75226	4.8812
#2	94.139	.83871	-.03547	.00136	.02223	.0719	.75172	4.9899

Elem	U_3859
Units	ppm
Avg	3.5786
Stddev	.2550
%RSD	7.1246
#1	3.3983
#2	3.7589

Sample Name: J5187-14 Acquired: 10/2/2018 20:14:39 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3042.8	61436.	4805.7	97.660	3899.9
Stddev	.2	43.	2.2	1.488	9.0
%RSD	.00602	.07043	.04677	1.5240	.23004
#1	3042.7	61405.	4804.1	98.712	3906.2
#2	3042.9	61467.	4807.3	96.608	3893.5

Sample Name: J5187-15 Acquired: 10/2/2018 20:18:47 Type: Unk
Method: P4-ICP2(v2469) 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	.00626	.00041	.00003	-.00121	-.00413	-.01462	.02266	.00017
Stddev	.00115	.00050	.00009	.00092	.00144	.00907	.00075	.00009
%RSD	18.442	121.42	305.70	75.987	34.836	62.074	3.3087	57.405

#1	.00544	.00076	.00009	-.00186	-.00311	-.02103	.02319	.00023
#2	.00707	.00006	-.00003	-.00056	-.00515	-.00820	.02213	.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00021	56.078	-.00121	-.00044	.00136	-.00773	.01001	122.46
Stddev	.00016	.112	.00023	.00013	.00021	.01417	.00015	.52
%RSD	77.498	.19936	18.666	29.076	15.674	183.35	1.4481	.42787

#1	-.00009	55.999	-.00137	-.00035	.00151	-.01775	.01012	122.83
#2	-.00032	56.157	-.00105	-.00053	.00121	.00229	.00991	122.09

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00195	-.00065	839.27	.00121	-.00053	44.047	.00102	.47872
Stddev	.00028	.00062	3.78	.00007	.00003	.197	.00032	.00684
%RSD	14.507	95.424	.45031	6.1238	6.1117	.44675	31.965	1.4298

#1	-.00175	-.00109	836.60	.00126	-.00051	43.908	.00124	.48356
#2	-.00215	-.00021	841.94	.00116	-.00056	44.186	.00079	.47388

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	94.522	.83274	-.03582	.00206	.02307	.0732	.77447	4.8729
Stddev	2.253	.00934	.00098	.00001	.00325	.0016	.00457	.3610
%RSD	2.3839	1.1217	2.7289	.52197	14.066	2.185	.58960	7.4078

#1	92.929	.82613	-.03513	.00205	.02537	.0721	.77124	4.6177
#2	96.116	.83934	-.03651	.00206	.02078	.0743	.77770	5.1282

Elem	U_3859
Units	ppm
Avg	3.7707
Stddev	.0643
%RSD	1.7060

#1	3.7252
#2	3.8162

Sample Name: J5187-15 Acquired: 10/2/2018 20:18:47 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3092.0	61301.	4811.1	100.67	3994.1
Stddev	72.1	109.	34.8	.40	84.6
%RSD	2.3316	.17771	.72301	.39255	2.1180
#1	3142.9	61224.	4835.7	100.95	4053.9
#2	3041.0	61378.	4786.5	100.39	3934.3

Sample Name: J5187-16 Acquired: 10/2/2018 20:22:55 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00531	.00011	.00069	.00166	-.00392	-.01390	.02254	.00005
Stddev	.00113	.00086	.00045	.00085	.00204	.00370	.00040	.00001
%RSD	21.360	818.90	65.479	51.060	52.110	26.631	1.7620	25.406
#1	.00611	.00072	.00101	.00106	-.00536	-.01129	.02226	.00006
#2	.00451	-.00051	.00037	.00226	-.00247	-.01652	.02282	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	55.382	-.00178	-.00033	.00097	-.02008	.01060	121.50
Stddev	.00004	.874	.00004	.00002	.00009	.00477	.00002	1.18
%RSD	32.617	1.5789	2.1792	5.4563	9.2110	23.764	.18275	.97051
#1	-.00016	54.764	-.00175	-.00034	.00090	-.02345	.01059	120.66
#2	-.00010	56.000	-.00181	-.00032	.00103	-.01670	.01061	122.33

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00182	-.00081	838.91	.00093	-.00043	43.485	.00140	.46528
Stddev	.00022	.00027	.15	.00023	.00002	.651	.00003	.00582
%RSD	11.905	33.720	.01793	25.207	4.7292	1.4974	1.9834	1.2501
#1	-.00166	-.00100	838.81	.00109	-.00044	43.024	.00142	.46117
#2	-.00197	-.00062	839.02	.00076	-.00041	43.945	.00138	.46940

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	96.014	.82645	-.03533	-.00024	.02097	.0731	.76627	5.0698
Stddev	.561	.02025	.00003	.00228	.00527	.0006	.00900	.3143
%RSD	.58435	2.4507	.09062	939.58	25.127	.8166	1.1745	6.1996
#1	96.410	.81213	-.03530	-.00186	.01725	.0727	.75991	4.8475
#2	95.617	.84077	-.03535	.00137	.02470	.0736	.77264	5.2920

Elem	U_3859
Units	ppm
Avg	3.6141
Stddev	.1972
%RSD	5.4552
#1	3.4747
#2	3.7535

Sample Name: J5187-16 Acquired: 10/2/2018 20:22:55 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3029.3	61185.	4793.4	99.677	3897.4
Stddev	2.5	16.	79.2	2.301	16.3
%RSD	.08265	.02655	1.6528	2.3087	.41834
#1	3027.6	61196.	4849.4	101.30	3885.9
#2	3031.1	61173.	4737.4	98.049	3908.9

Sample Name: J5187-17 Acquired: 10/2/2018 20:27:03 Type: Unk
Method: P4-ICP2(v2469) 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	.00542	.00167	.00087	.00106	-.00313	-.00841	.02222	.00017
Stddev	.00248	.00222	.00123	.00060	.00165	.00714	.00051	.00001
%RSD	45.669	133.17	141.22	56.647	52.618	84.884	2.3092	8.4293
#1	.00367	.00010	.00174	.00064	-.00430	-.00336	.02185	.00018
#2	.00717	.00324	.00000	.00149	-.00197	-.01345	.02258	.00016

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00023	58.434	-.00159	-.00020	.00102	-.01364	.00533	129.57
Stddev	.00002	.027	.00024	.00002	.00058	.01316	.00012	.09
%RSD	7.2975	.04548	15.335	7.8899	56.373	96.492	2.3174	.07084
#1	-.00022	58.453	-.00142	-.00021	.00143	-.02295	.00541	129.51
#2	-.00024	58.415	-.00176	-.00019	.00061	-.00433	.00524	129.64

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00204	-.00035	876.39	.00111	-.00068	46.786	.00092	.50545
Stddev	.00011	.00010	6.53	.00051	.00002	.110	.00030	.00127
%RSD	5.4764	30.021	.74529	46.044	3.3390	.23602	32.563	.25127
#1	-.00196	-.00027	881.01	.00075	-.00067	46.708	.00071	.50456
#2	-.00212	-.00042	871.77	.00147	-.00070	46.864	.00113	.50635

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	103.19	.83904	-.03832	.00167	.02517	.0752	.82017	4.9107
Stddev	.90	.00967	.00006	.00006	.00020	.0007	.00075	.0123
%RSD	.87361	1.1527	.16676	3.4534	.80980	.8644	.09158	.24944
#1	103.83	.84588	-.03837	.00172	.02532	.0747	.81964	4.9021
#2	102.55	.83220	-.03828	.00163	.02503	.0757	.82070	4.9194

Elem	U_3859
Units	ppm
Avg	3.8169
Stddev	.1237
%RSD	3.2412
#1	3.9044
#2	3.7294

Sample Name: J5187-17 Acquired: 10/2/2018 20:27:03 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3023.0	60903.	4766.7	97.256	3871.7
Stddev	22.7	91.	11.8	1.001	21.4
%RSD	.75156	.14950	.24656	1.0295	.55255
#1	3007.0	60967.	4775.0	97.964	3856.6
#2	3039.1	60838.	4758.4	96.548	3886.9

Sample Name: J5187-18 Acquired: 10/2/2018 20:31:12 Type: Unk
Method: P4-ICP2(v2469) 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	.00840	.00144	.00243	.00494	-.00466	-.01856	.02248	.00005
Stddev	.00157	.00106	.00177	.00280	.00091	.00077	.00145	.00009
%RSD	18.718	74.095	72.779	56.665	19.436	4.1274	6.4417	183.87

#1	.00951	.00219	.00118	.00296	-.00402	-.01802	.02351	.00011
#2	.00729	.00068	.00368	.00691	-.00530	-.01910	.02146	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00018	58.802	-.00158	-.00051	.00166	-.01320	.00414	130.33
Stddev	.00006	.038	.00006	.00016	.00006	.00850	.00002	.01
%RSD	32.651	.06402	3.4968	31.534	3.5287	64.373	.59117	.00962

#1	-.00014	58.776	-.00162	-.00062	.00162	-.01921	.00413	130.32
#2	-.00022	58.829	-.00155	-.00040	.00170	-.00719	.00416	130.34

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00184	-.00104	883.77	.00076	.00008	46.901	.00087	.49626
Stddev	.00104	.00003	21.33	.00081	.00006	.147	.00012	.00758
%RSD	56.290	2.9624	2.4137	106.15	72.667	.31399	13.245	1.5270

#1	-.00111	-.00102	898.86	.00133	.00004	46.797	.00079	.50162
#2	-.00258	-.00106	868.69	.00019	.00012	47.005	.00095	.49090

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	101.06	.83383	-.03709	.00170	.02355	.0778	.82162	5.2392
Stddev	2.84	.00416	.00114	.00084	.00252	.0020	.00183	.1273
%RSD	2.8093	.49860	3.0728	49.116	10.702	2.626	.22279	2.4292

#1	99.048	.83089	-.03628	.00111	.02177	.0764	.82032	5.1492
#2	103.06	.83677	-.03789	.00230	.02533	.0793	.82291	5.3291

Elem	U_3859
Units	ppm
Avg	3.7264
Stddev	.3565
%RSD	9.5664

#1	3.9785
#2	3.4743

Sample Name: J5187-18 Acquired: 10/2/2018 20:31:12 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3070.0	60848.	4764.3	99.161	3947.2
Stddev	46.0	35.	15.7	.919	99.6
%RSD	1.4977	.05797	.33049	.92648	2.5236
#1	3102.5	60823.	4753.2	98.511	4017.6
#2	3037.5	60873.	4775.5	99.811	3876.7

Sample Name: J5187-19 Acquired: 10/2/2018 20:35:19 Type: Unk
Method: P4-ICP2(v2469) 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	.00471	.00224	.00100	.00421	-.00404	-.02729	.02347	.00003
Stddev	.00082	.00010	.00046	.00176	.00150	.02109	.00035	.00004
%RSD	17.454	4.2786	45.986	41.766	37.178	77.275	1.5026	116.43
#1	.00413	.00218	.00068	.00297	-.00511	-.01238	.02372	.00006
#2	.00529	.00231	.00133	.00546	-.00298	-.04220	.02322	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	60.160	-.00173	-.00019	.00086	-.01957	.01493	135.03
Stddev	.00003	.513	.00037	.00002	.00028	.00064	.00001	.30
%RSD	24.124	.85348	21.116	11.828	33.289	3.2947	.06154	.21914
#1	-.00010	59.797	-.00147	-.00017	.00065	-.01911	.01493	134.82
#2	-.00015	60.523	-.00199	-.00020	.00106	-.02002	.01492	135.24

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00169	-.00098	919.23	.00115	-.00049	48.640	.00118	.51341
Stddev	.00011	.00044	.79	.00079	.00001	.449	.00039	.00136
%RSD	6.6670	44.845	.08550	68.860	1.4024	.92282	32.562	.26525
#1	-.00161	-.00067	918.68	.00059	-.00049	48.323	.00091	.51437
#2	-.00177	-.00129	919.79	.00171	-.00048	48.958	.00146	.51244

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	106.54	.90074	-.03998	.00225	.02338	.0900	.85016	5.2723
Stddev	.96	.00370	.00019	.00059	.00158	.0012	.00723	.0940
%RSD	.90420	.41026	.47543	26.237	6.7481	1.351	.85057	1.7819
#1	107.22	.89813	-.04011	.00267	.02226	.0909	.84505	5.2058
#2	105.86	.90336	-.03984	.00184	.02449	.0891	.85528	5.3387

Elem	U_3859
Units	ppm
Avg	3.9116
Stddev	.1787
%RSD	4.5694
#1	3.7853
#2	4.0380

Sample Name: J5187-19 Acquired: 10/2/2018 20:35:19 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3023.5	60260.	4727.9	97.766	3874.5
Stddev	26.5	174.	50.4	4.567	23.9
%RSD	.87544	.28952	1.0662	4.6716	.61783
#1	3004.7	60383.	4763.5	101.00	3857.5
#2	3042.2	60136.	4692.2	94.536	3891.4

Sample Name: CCV11 Acquired: 10/2/2018 20:39:27 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8399	5.0971	4.8729	4.9078	4.9966	10.141	9.9720
Stddev	.0096	.0030	.0003	.0008	.0012	.032	.0409
%RSD	.19886	.05972	.00701	.01575	.02301	.31306	.40991

#1	4.8467	5.0949	4.8732	4.9083	4.9974	10.164	9.9430
#2	4.8331	5.0993	4.8727	4.9072	4.9958	10.119	10.001

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25030	2.4933	24.953	1.0205	2.4429	1.2345	5.0096
Stddev	.00058	.0011	.055	.0003	.0003	.0030	.0540
%RSD	.23341	.04459	.21870	.02616	.01341	.24140	1.0774

#1	.25071	2.4941	24.915	1.0207	2.4431	1.2366	4.9714
#2	.24989	2.4926	24.992	1.0203	2.4426	1.2324	5.0477

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5712	24.142	2.4287	1.2343	23.681	2.5300	2.7213
Stddev	.0048	.212	.0019	.0045	.256	.0039	.0343
%RSD	.18805	.87691	.07981	.36444	1.0791	.15243	1.2600

#1	2.5746	23.993	2.4300	1.2375	23.501	2.5327	2.6970
#2	2.5678	24.292	2.4273	1.2311	23.862	2.5273	2.7455

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.983	5.0081	4.8917	F 5.5655	4.7794	4.8681	4.8736
Stddev	.161	.0051	.0050	.0159	.0262	.0006	.0026
%RSD	.61944	.10162	.10178	.28665	.54815	.01272	.05301

#1	25.869	5.0045	4.8882	5.5767	4.7609	4.8677	4.8718
#2	26.097	5.0117	4.8952	5.5542	4.7980	4.8685	4.8754

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F 6.0753	5.090	4.8931	F 2.7110	F 3.2796
Stddev	.0196	.002	.0267	.3283	.2068
%RSD	.32248	.0390	.54530	12.110	6.3065

#1	6.0615	5.091	4.8742	2.9432	3.1334
#2	6.0892	5.088	4.9120	2.4789	3.4259

Sample Name: CCV11 Acquired: 10/2/2018 20:39:27 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3370.7	68805.	4995.6	101.16	4482.9
Stddev	2.1	8.	22.6	1.20	3.6
%RSD	.06319	.01101	.45265	1.1906	.07961
#1	3369.2	68810.	5011.6	102.02	4480.4
#2	3372.2	68800.	4979.6	100.31	4485.5

Sample Name: CCB11 Acquired: 10/2/2018 20:43:12 Type: Unk
Method: P4-ICP2(v2469) 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	.00223	.00101	-.00242	-.00439	-.00108	.00842	.00312
Stddev	.00115	.00027	.00007	.00037	.00007	.00923	.00005
%RSD	51.635	26.754	2.8530	8.5092	6.1535	109.65	1.7205

#1	.00304	.00120	-.00237	-.00465	-.00104	.00189	.00316
#2	.00142	.00082	-.00247	-.00412	-.00113	.01494	.00308

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.00003	.01199	-.00060	-.00015	-.00046	.00047
Stddev	.00007	.00008	.00217	.00001	.00005	.00066	.00488
%RSD	1248.0	275.81	18.065	2.4086	35.186	143.74	1044.9

#1	-.00004	.00008	.01352	-.00059	-.00019	-.00092	-.00298
#2	.00005	-.00003	.01046	-.00061	-.00011	.00001	.00392

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	-.00161	.00077	-.00066	.39281	.00013	-.00089
Stddev	.00007	.00183	.00048	.00042	.00827	.00014	.00003
%RSD	55.632	113.79	62.917	63.386	2.1065	104.05	3.0480

#1	-.00019	-.00290	.00043	-.00096	.39866	.00023	-.00091
#2	-.00008	-.00031	.00111	-.00037	.38696	.00004	-.00087

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .53192	.00096	F .04445	F .40770	-.00433	-.00106	.00326
Stddev	.01883	.00016	.00203	.01712	.00183	.00051	.00151
%RSD	3.5400	16.302	4.5572	4.1983	42.278	47.888	46.179

#1	.51860	.00107	.04588	.41980	-.00304	-.00142	.00433
#2	.54523	.00085	.04301	.39560	-.00562	-.00070	.00220

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	F -.01294	-.0032	.00001	F .60257	F 1.5313		
Stddev	.00049	.0005	.00006	.25151	.2244		
%RSD	3.8056	14.41	393.02	41.740	14.653		

#1	-.01329	-.0036	.00005	.42472	1.3727		
#2	-.01260	-.0029	-.00002	.78042	1.6900		

Sample Name: CCB11 Acquired: 10/2/2018 20:43:12 Type: Unk
Method: P4-ICP2(v2469) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3553.1	73214.	5019.4	108.35	5084.4
Stddev	9.1	872.	14.4	.84	17.0
%RSD	.25545	1.1910	.28655	.77377	.33487
#1	3546.7	73830.	5009.3	107.75	5072.4
#2	3559.5	72597.	5029.6	108.94	5096.5