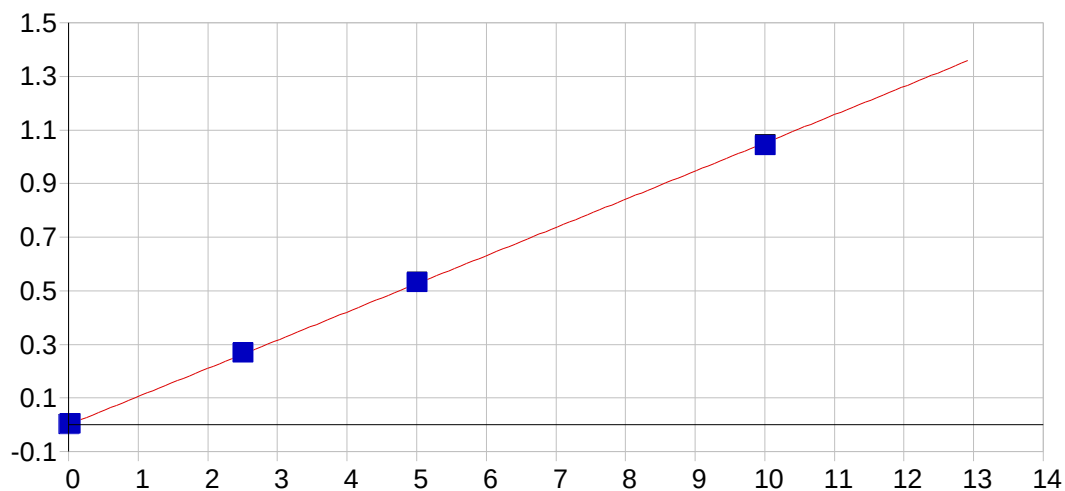


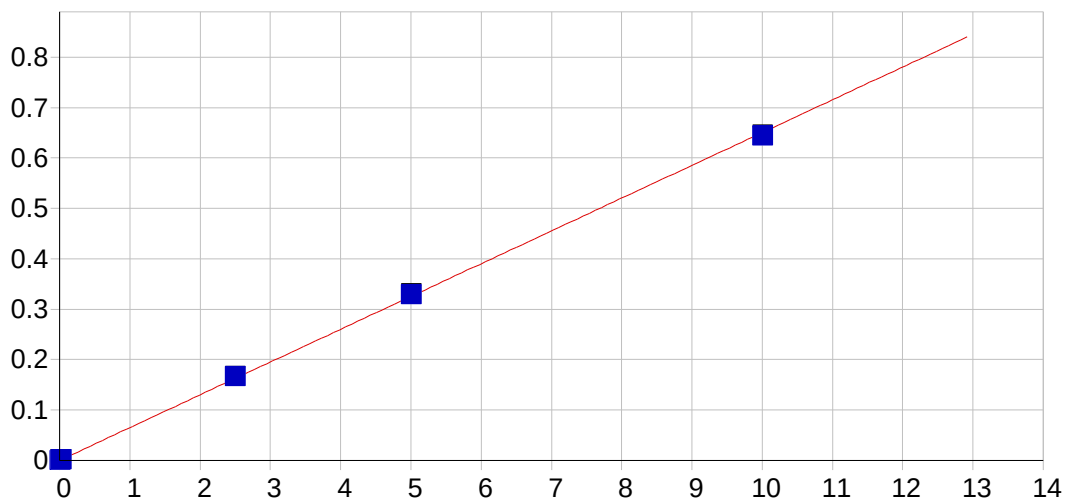


As 189.042 {478}

Date of Fit: 9/26/2018 17:39:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000051 Re-Slope: 1.000000
 A1 (Gain): 0.105160 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999944 Status: OK.
 Std Error of Est: 0.000027
 Predicted MDL: 0.003453
 Predicted MQL: 0.011509

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00005	.000	1
S1	.02000	.01833	-.002	-8.34	.00198	.000	1
S3	2.5000	2.5380	.038	1.52	.26693	.001	1
S4	5.0000	5.0500	.050	.999	.53107	.000	1
S5	10.000	9.9137	-.086	-8.63	1.0425	.001	1



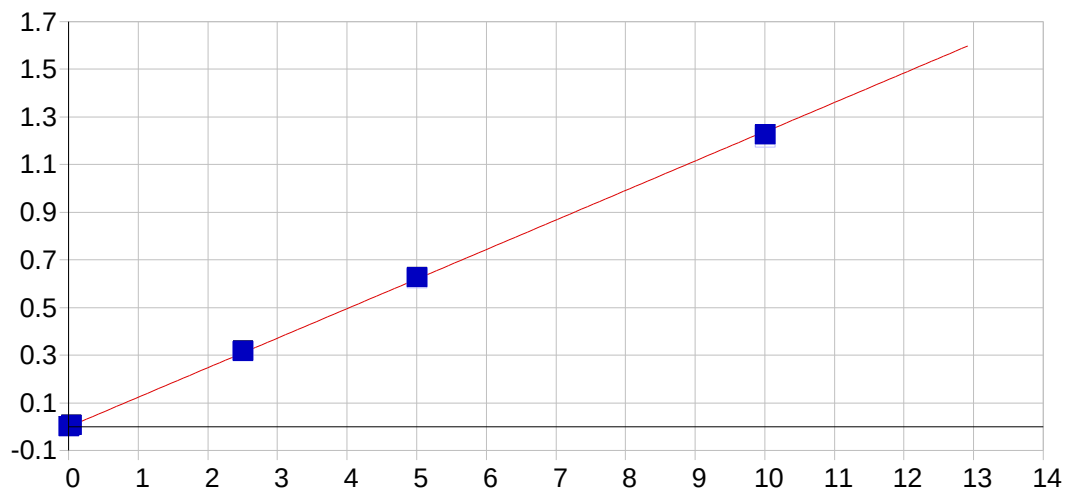
As 189.042 {479}

Date of Fit: 9/26/2018 17:39:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000186 Re-Slope: 1.000000

A1 (Gain): 0.065025 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999922 Status: OK.
 Std Error of Est: 0.000020
 Predicted MDL: 0.003601
 Predicted MQL: 0.012004

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00019	.000	1
S1	.02000	.02078	.001	3.88	.00154	.000	1
S3	2.5000	2.5456	.046	1.82	.16570	.000	1
S4	5.0000	5.0605	.061	1.21	.32922	.001	1
S5	10.000	9.8931	-.107	-1.07	.64345	.002	1

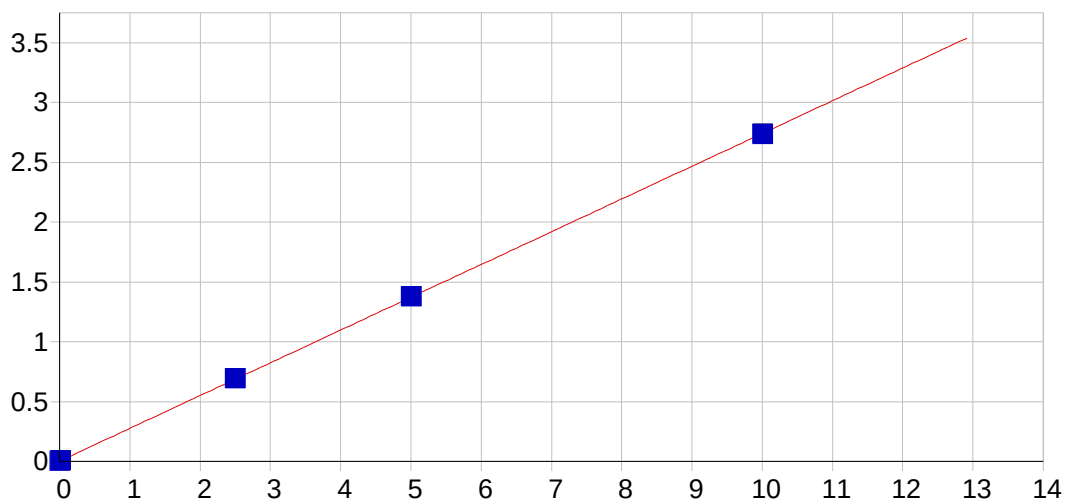


TI 190.856 {477}

Date of Fit: 9/26/2018 17:39:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000039 Re-Slope: 1.000000
 A1 (Gain): 0.123807 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999876 Status: OK.
 Std Error of Est: 0.000066
 Predicted MDL: 0.001722
 Predicted MQL: 0.005740

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00004	.000	1
S1	.04000	.04702	.007	17.5	.00565	.000	1
S3	2.5000	2.5517	.052	2.07	.31271	.000	1
S4	5.0000	5.0567	.057	1.13	.61967	.001	1
S5	10.000	9.8847	-.115	-1.15	1.2111	.000	1

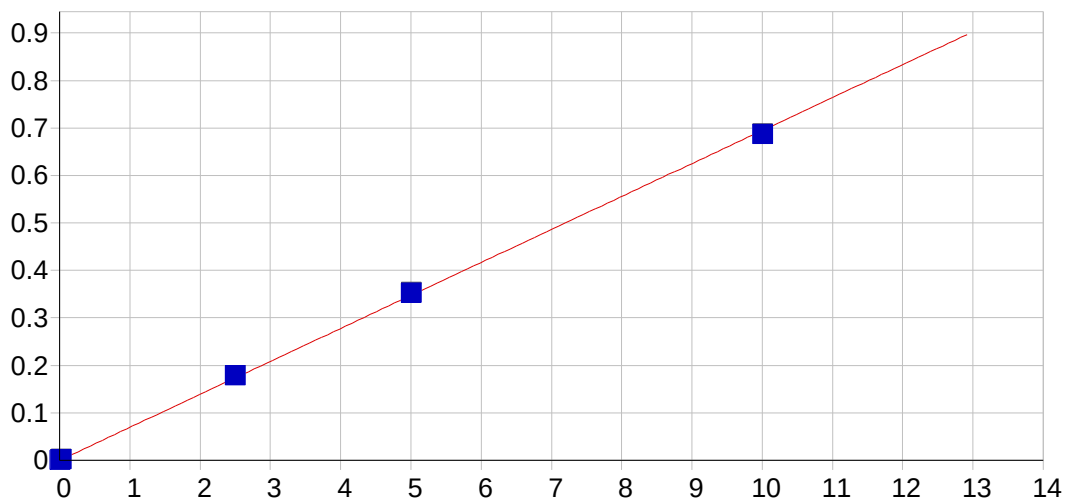


Pb 220.353 {453}

Date of Fit: 9/26/2018 17:39:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002636 Re-Slope: 1.000000
 A1 (Gain): 0.273799 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999985 Status: OK.
 Std Error of Est: 0.000028
 Predicted MDL: 0.001240
 Predicted MQL: 0.004134

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00264	.000	1
S1	.01200	.01375	.002	14.6	.00634	.000	1
S3	2.5000	2.5158	.016	.631	.69057	.000	1
S4	5.0000	5.0170	.017	.339	1.3745	.000	1
S5	10.000	9.9655	-.034	-.345	2.7277	.003	1



Se 196.090 {472}

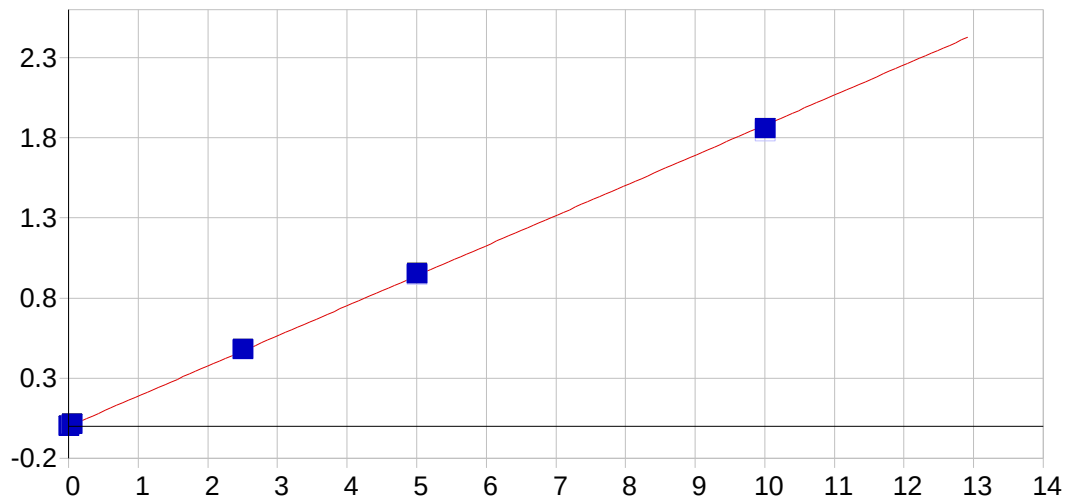
Date of Fit: 9/26/2018 17:39:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000035 Re-Slope: 1.000000
 A1 (Gain): 0.069456 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999887
 Std Error of Est: 0.000025
 Predicted MDL: 0.004207
 Predicted MQL: 0.014022

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00004	.000	1
S1	.02000	.02158	.002	7.89	.00154	.000	1
S3	2.5000	2.5592	.059	2.37	.17780	.000	1
S4	5.0000	5.0651	.065	1.30	.35185	.001	1
S5	10.000	9.8741	-.126	-1.26	.68588	.000	1



Sb 206.833 {463}

Date of Fit: 9/26/2018 17:39:06

Type of Fit: Linear

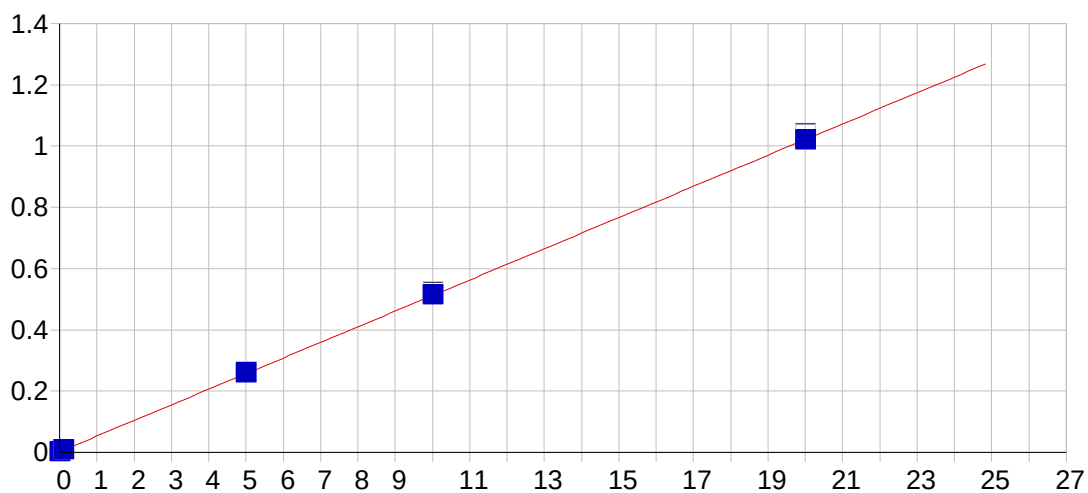
Weighting: 1/Conc

A0 (Offset): 0.000017
 A1 (Gain): 0.187916
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999876
 Std Error of Est: 0.000112
 Predicted MDL: 0.002062
 Predicted MQL: 0.006873

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	.00001	.000	1
S1	.05000	.05767	.008	15.3	.01062	.000	1
S3	2.5000	2.5461	.046	1.84	.47318	.001	1
S4	5.0000	5.0646	.065	1.29	.94117	.003	1
S5	10.000	9.8818	-.118	-1.18	1.8358	.000	1

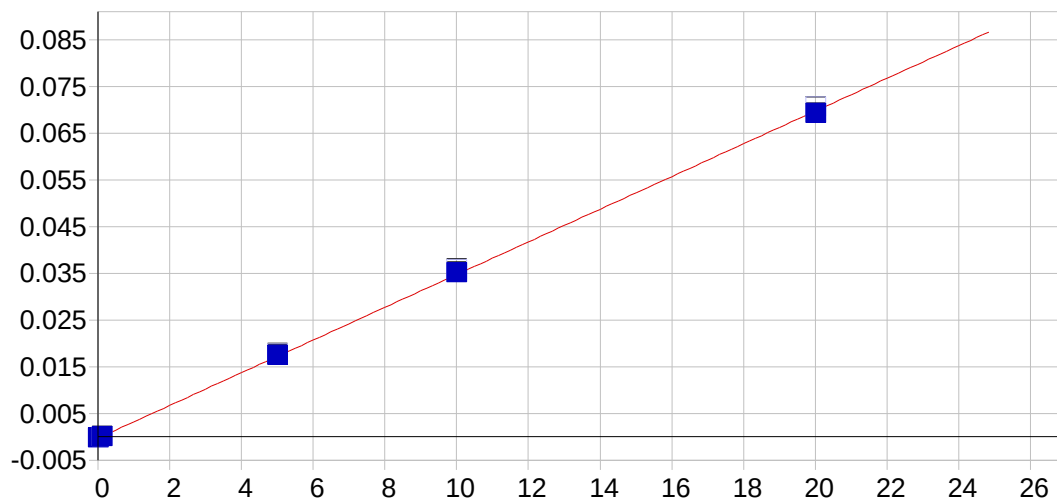


AI 308.215 {109}

Date of Fit: 9/26/2018 17:39:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002391 Re-Slope: 1.000000
 A1 (Gain): 0.050954 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999996 Status: OK.
 Std Error of Est: 0.000011
 Predicted MDL: 0.003229
 Predicted MQL: 0.010763

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00239	.000	1
S1	.10000	.09948	-.001	-.518	.00781	.000	1
S3	5.0000	5.0221	.022	.442	.26336	.000	1
S4	10.000	10.028	.028	.281	.52351	.001	1
S5	20.000	19.950	-.050	-.248	1.0392	.001	1



AI 309.271 {109}

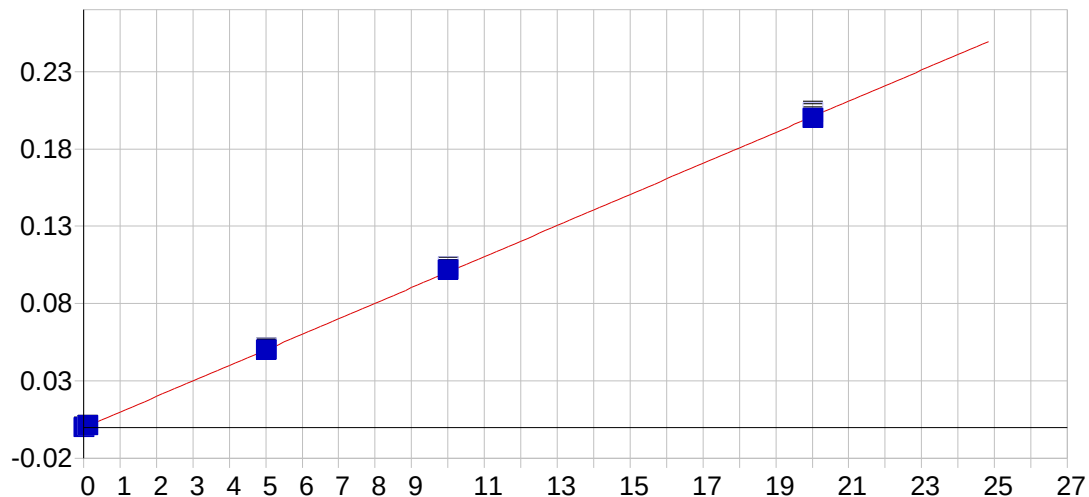
Date of Fit: 9/26/2018 17:39:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000261 Re-Slope: 1.000000
 A1 (Gain): 0.003499 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999920
 Std Error of Est: 0.000003
 Predicted MDL: 0.026879
 Predicted MQL: 0.089596

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	-.00026	.000	1
S1	.10000	.08319	-.017	-16.8	.00005	.000	1
S3	5.0000	5.0462	.046	.925	.01775	.000	1
S4	10.000	10.122	.122	1.22	.03586	.000	1
S5	20.000	19.850	-.150	-.752	.07059	.000	1



AI 396.152 { 85}

Date of Fit: 9/26/2018 17:39:06

Type of Fit: Linear

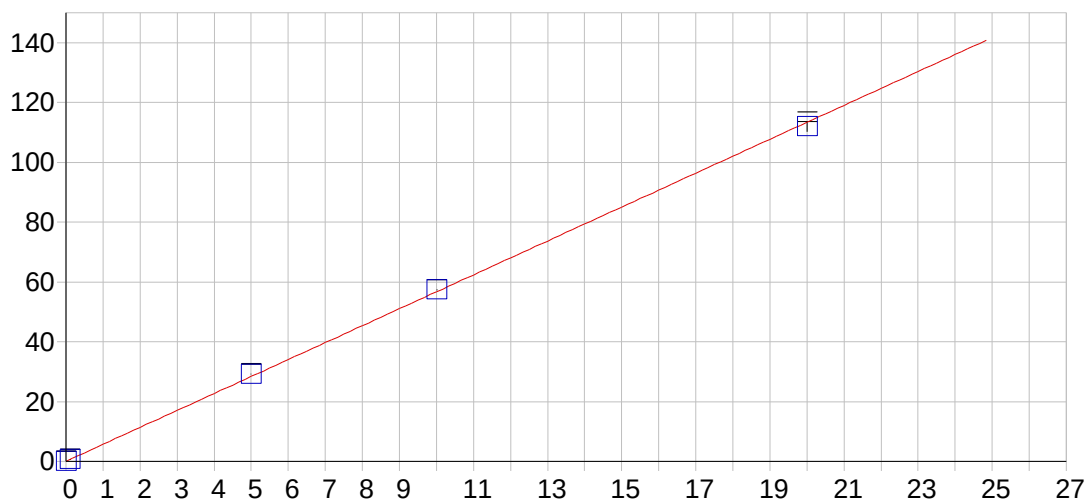
Weighting: 1/Conc

A0 (Offset): -0.000158
 A1 (Gain): 0.010047
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999962
 Std Error of Est: 0.000007
 Predicted MDL: 0.013758
 Predicted MQL: 0.045859

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	-.00016	.000	1
S1	.10000	.10646	.006	6.46	.00098	.000	1
S3	5.0000	4.9988	-.001	-.024	.05106	.000	1
S4	10.000	10.123	.123	1.23	.10355	.000	1
S5	20.000	19.871	-.129	-.645	.20348	.001	1

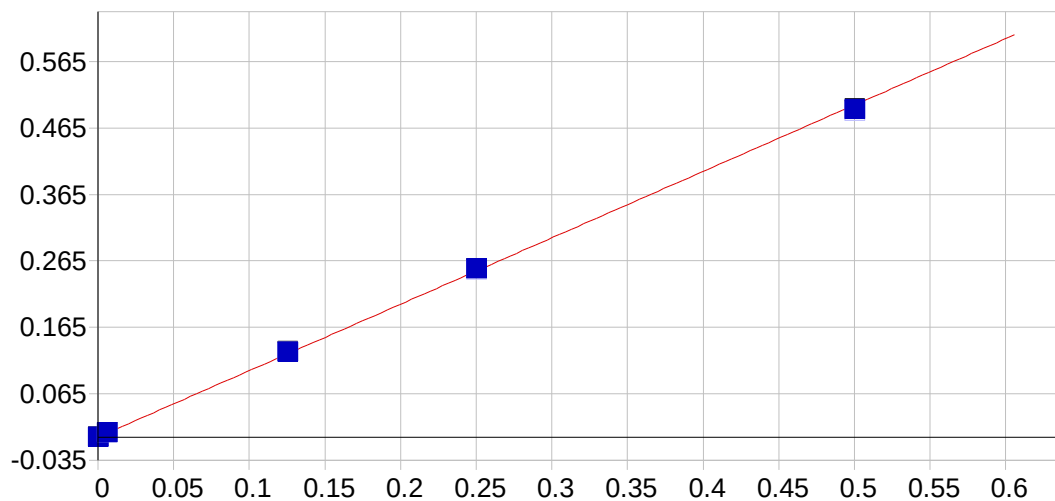


Ba 493.409 { 68}

Date of Fit: 9/26/2018 17:39:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.046370 Re-Slope: 1.000000
 A1 (Gain): 5.666104 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999865 Status: OK.
 Std Error of Est: 0.007126
 Predicted MDL: 0.000604
 Predicted MQL: 0.002013

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.04631	.005	1
S1	.10000	.10827	.008	8.27	.65982	.004	1
S3	5.0000	5.1394	.139	2.79	29.167	.074	1
S5	20.000	19.734	-.266	-1.33	111.86	1.56	1
S4	10.000	10.118	.118	1.18	57.377	.070	1



Be 234.861 {144}

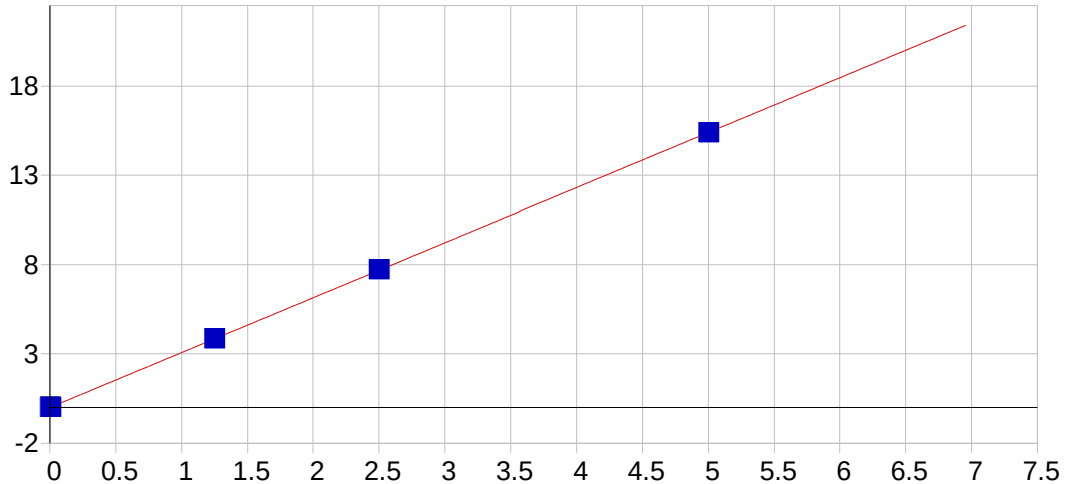
Date of Fit: 9/26/2018 17:39:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000027 Re-Slope: 1.000000
 A1 (Gain): 0.999225 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999866
 Std Error of Est: 0.000048
 Predicted MDL: 0.000083
 Predicted MQL: 0.000278

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00003	.000	1
S1	.00600	.00628	.000	4.69	.00619	.000	1
S3	.12500	.12830	.003	2.64	.12739	.000	1
S4	.25000	.25319	.003	1.28	.25140	.000	1
S5	.50000	.49323	-.007	-1.35	.48968	.001	1



Cd 226.502 {449}

Date of Fit: 9/26/2018 17:39:06

Type of Fit: Linear

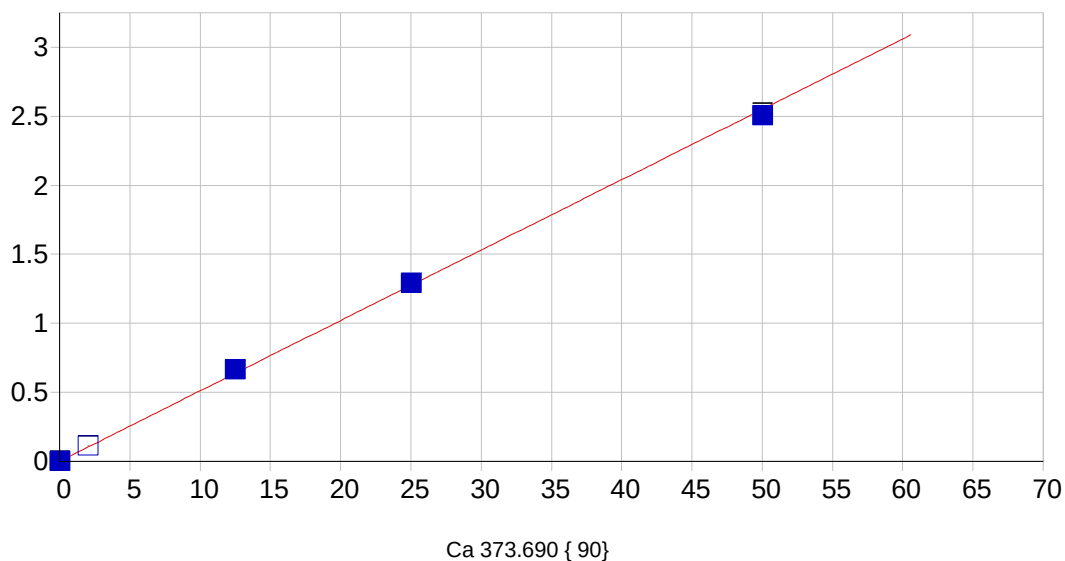
Weighting: 1/Conc

A0 (Offset): -0.000948
 A1 (Gain): 3.077124
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999997
 Std Error of Est: 0.000068
 Predicted MDL: 0.000118
 Predicted MQL: 0.000392

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

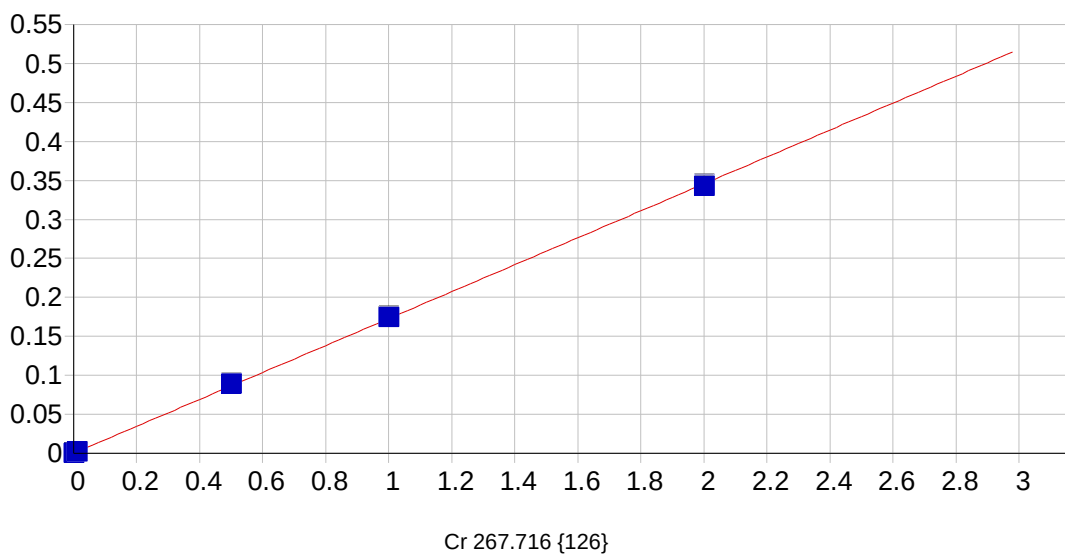
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00095	.000	1
S1	.00600	.00620	.000	3.30	.01816	.000	1
S3	1.2500	1.2446	-.005	-.429	3.8298	.014	1
S4	2.5000	2.5069	.007	.275	7.7148	.002	1
S5	5.0000	4.9983	-.002	-.034	15.383	.005	1



Date of Fit: 9/26/2018 17:39:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000782 Re-Slope: 1.000000
 A1 (Gain): 0.050993 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999679 Status: OK.
 Std Error of Est: 0.000706
 Predicted MDL: 0.018387
 Predicted MQL: 0.061289

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1974	.197	9.87	.11283	.000	1
S0	.00000	-.00026	-.000	.000	.00077	.000	1
S3	12.500	12.952	.452	3.61	.66156	.002	1
S4	25.000	25.302	.302	1.21	1.2917	.002	1
S5	50.000	49.049	-.951	-1.90	2.5033	.019	1



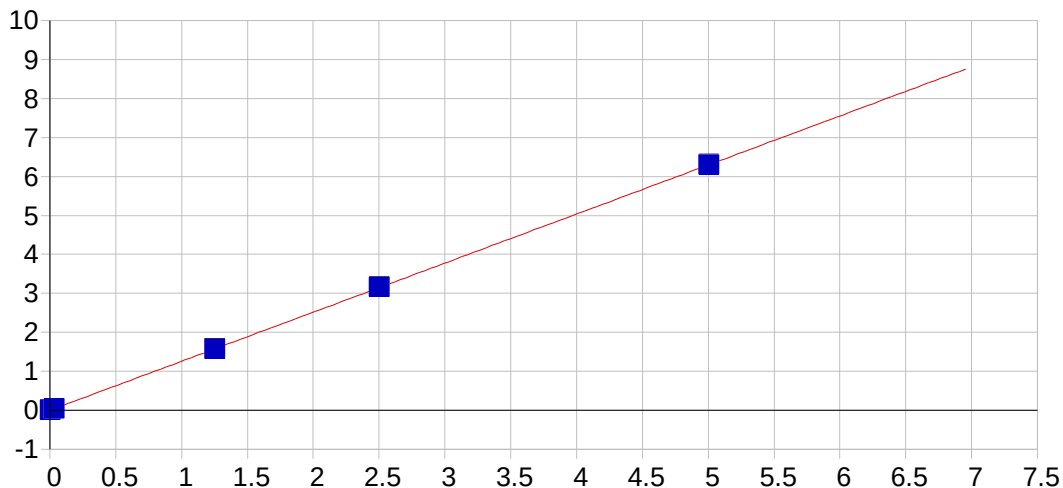
Date of Fit: 9/26/2018 17:39:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000092 Re-Slope: 1.000000
 A1 (Gain): 0.172725 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999916
 Std Error of Est: 0.000017
 Predicted MDL: 0.000595
 Predicted MQL: 0.001984

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00009	.000	1
S1	.01000	.01036	.000	3.65	.00189	.000	1
S3	.50000	.51315	.013	2.63	.08937	.000	1
S4	1.0000	1.0065	.006	.649	.17523	.000	1
S5	2.0000	1.9800	-.020	-1.000	.34467	.000	1



Co 228.616 {447}

Date of Fit: 9/26/2018 17:39:06

Type of Fit: Linear

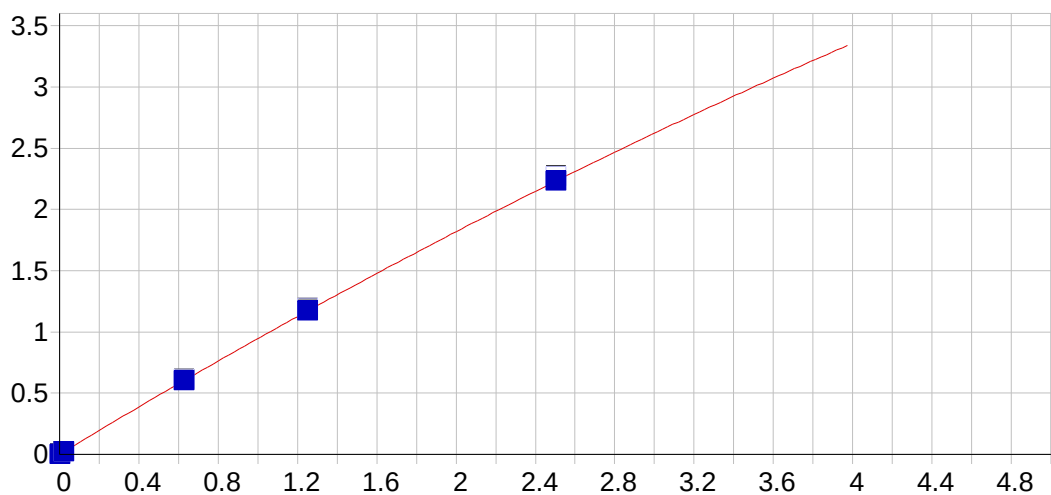
Weighting: 1/Conc

A0 (Offset): -0.000152
 A1 (Gain): 1.258768
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999981
 Std Error of Est: 0.000164
 Predicted MDL: 0.000261
 Predicted MQL: 0.000871

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00015	.000	1
S1	.03000	.03288	.003	9.60	.04098	.000	1
S3	1.2500	1.2414	-.009	-.689	1.5637	.008	1
S4	2.5000	2.5027	.003	.108	3.1526	.002	1
S5	5.0000	5.0031	.003	.061	6.3025	.006	1

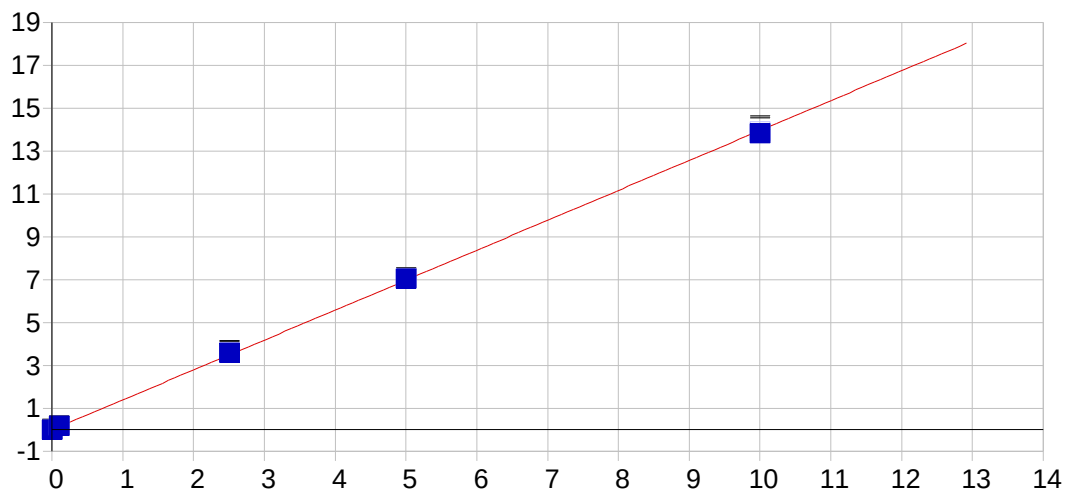


Cu 224.700 {450}

Date of Fit: 9/26/2018 17:39:06 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.002376 Re-Slope: 1.000000
 A1 (Gain): 0.977178 Y-int: 0.000000
 A2 (Curvature): -0.034647
 n (Exponent): 1.000000
 Correlation: 0.999998 Status: OK.
 Std Error of Est: 0.000025
 Predicted MDL: 0.000539
 Predicted MQL: 0.001798

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00238	.000	1
S1	.02000	.02049	.000	2.46	.02270	.000	1
S3	.62500	.62407	-.001	-.148	.60883	.000	1
S4	1.2500	1.2504	.000	.031	1.1903	.002	1
S5	2.5000	2.5000	.000	.002	2.2693	.002	1



Fe 240.488 {140}

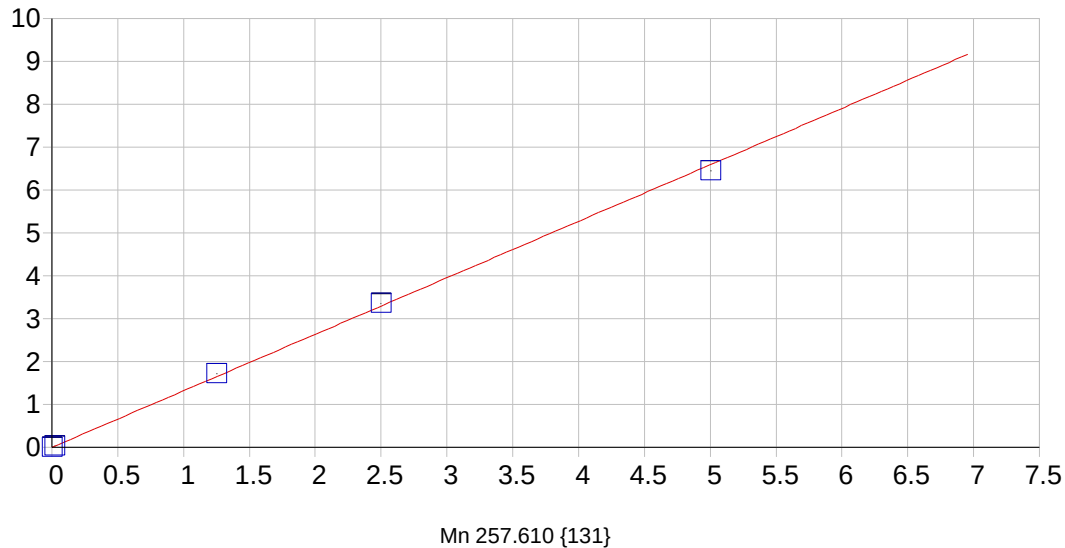
Date of Fit: 9/26/2018 17:39:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000724 Re-Slope: 1.000000
 A1 (Gain): 1.396315 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999862
 Std Error of Est: 0.001264
 Predicted MDL: 0.008904
 Predicted MQL: 0.029681

Status: OK.

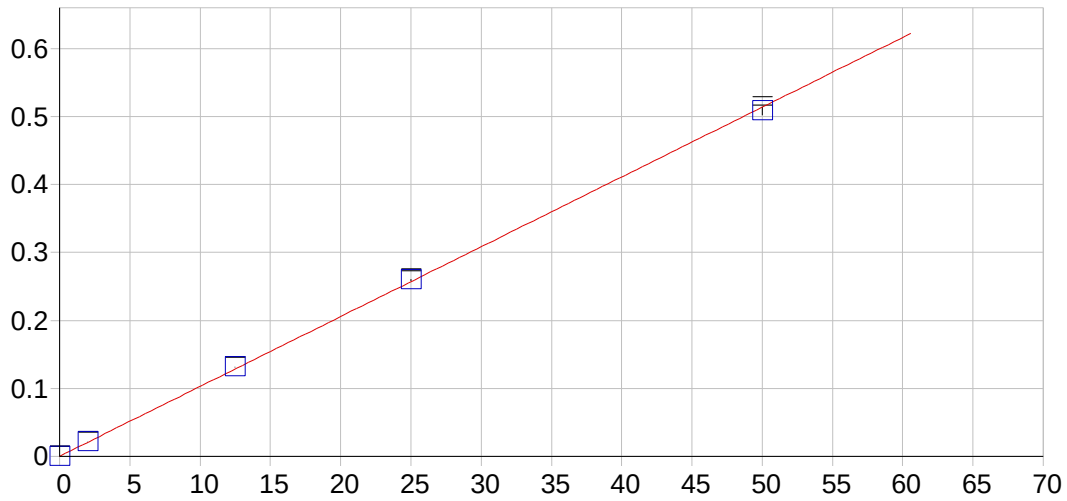
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	-.00075	.010	1
S1	.10000	.11500	.015	15.0	.16053	.004	1
S3	2.5000	2.5587	.059	2.35	3.5896	.095	1
S4	5.0000	5.0310	.031	.620	7.0592	.035	1
S5	10.000	9.8953	-.105	-1.05	13.886	.267	1



Date of Fit: 9/26/2018 17:39:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000173 Re-Slope: 1.000000
 A1 (Gain): 1.317447 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999674 Status: OK.
 Std Error of Est: 0.000575
 Predicted MDL: 0.000076
 Predicted MQL: 0.000255

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00017	.000	1
S1	.02000	.02268	.003	13.4	.03005	.000	1
S3	1.2500	1.3042	.054	4.34	1.7184	.002	1
S4	2.5000	2.5466	.047	1.86	3.3552	.005	1
S5	5.0000	4.8965	-.104	-2.07	6.4511	.001	1

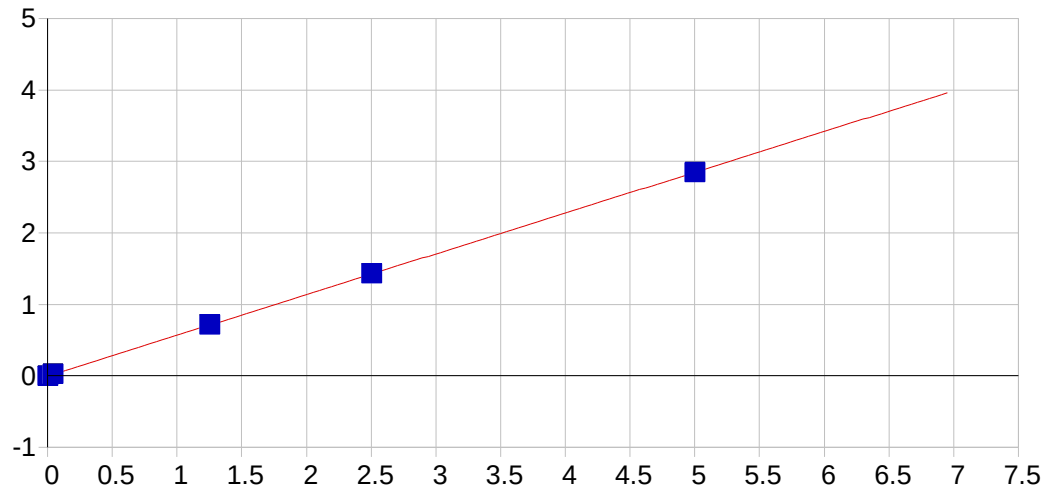


Mg 279.079 {121}

Date of Fit: 9/26/2018 17:39:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000268 Re-Slope: 1.000000
 A1 (Gain): 0.010270 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999914 Status: OK.
 Std Error of Est: 0.000073
 Predicted MDL: 0.045146
 Predicted MQL: 0.150487

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0430	.043	2.15	.02125	.001	1
S0	.00000	-.00008	-.000	.000	.00027	.000	1
S3	12.500	12.768	.268	2.14	.13139	.000	1
S4	25.000	25.248	.248	.992	.25956	.001	1
S5	50.000	49.441	-.559	-1.12	.50801	.006	1



Ni 231.604 {445}

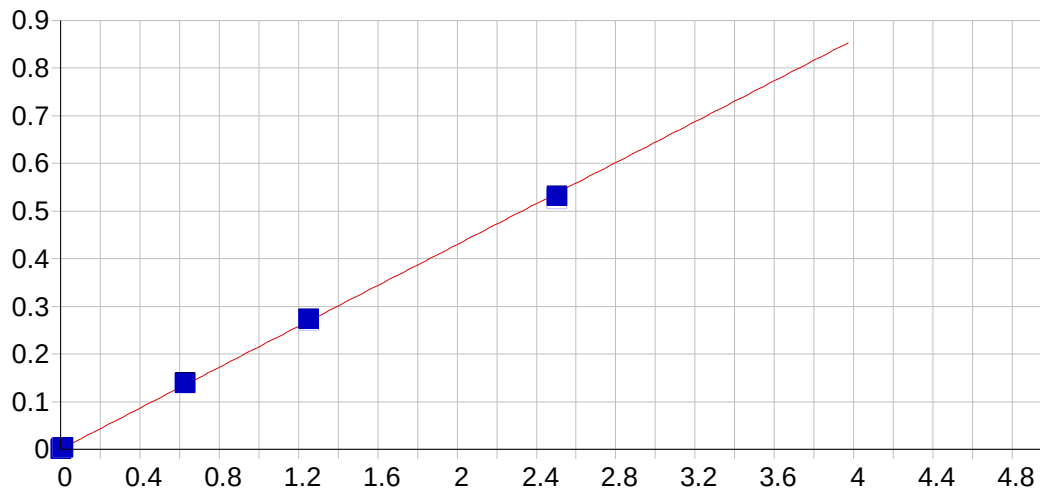
Date of Fit: 9/26/2018 17:39:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.004144 Re-Slope: 1.000000
 A1 (Gain): 0.570446 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999982
 Std Error of Est: 0.000084
 Predicted MDL: 0.000534
 Predicted MQL: 0.001781

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00415	.000	1
S1	.04000	.04352	.004	8.79	.02069	.000	1
S3	1.2500	1.2488	-.001	-.097	.70900	.000	1
S4	2.5000	2.5035	.003	.138	1.4255	.000	1
S5	5.0000	4.9942	-.006	-.115	2.8479	.004	1



Ag 328.068 {103}

Date of Fit: 9/26/2018 17:39:06

Type of Fit: Linear

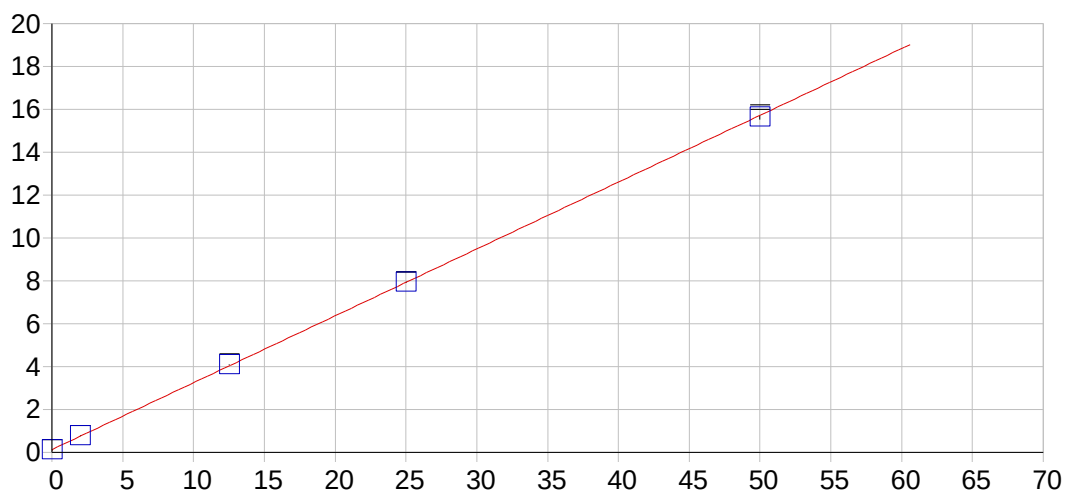
Weighting: 1/Conc

A0 (Offset): 0.000436
 A1 (Gain): 0.214721
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999863
 Std Error of Est: 0.000030
 Predicted MDL: 0.000716
 Predicted MQL: 0.002388

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	.00044	.000	1
S1	.01000	.01012	.000	1.18	.00257	.000	1
S3	.62500	.64280	.018	2.85	.13694	.001	1
S4	1.2500	1.2661	.016	1.29	.26924	.000	1
S5	2.5000	2.4660	-.034	-1.36	.52385	.000	1

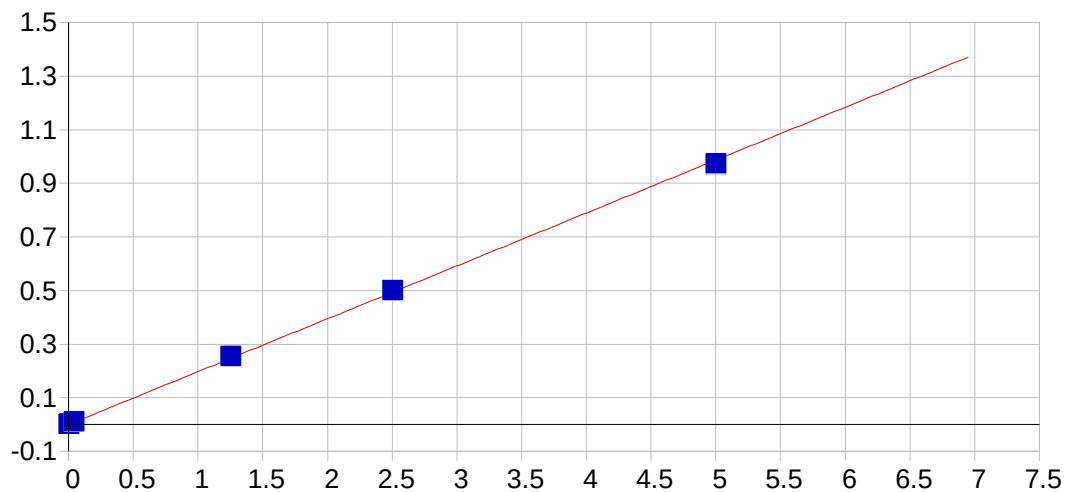


Na 589.592 { 57}

Date of Fit: 9/26/2018 17:39:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.130527 Re-Slope: 1.000000
 A1 (Gain): 0.311889 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999958 Status: OK.
 Std Error of Est: 0.001558
 Predicted MDL: 0.009593
 Predicted MQL: 0.031975

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0610	.061	3.05	.77333	.004	1
S0	.00000	-.00009	-.000	.000	.13050	.004	1
S3	12.500	12.713	.213	1.70	4.0955	.009	1
S4	25.000	25.038	.038	.153	7.9396	.011	1
S5	50.000	49.688	-.312	-.624	15.628	.106	1



V 292.402 {115}

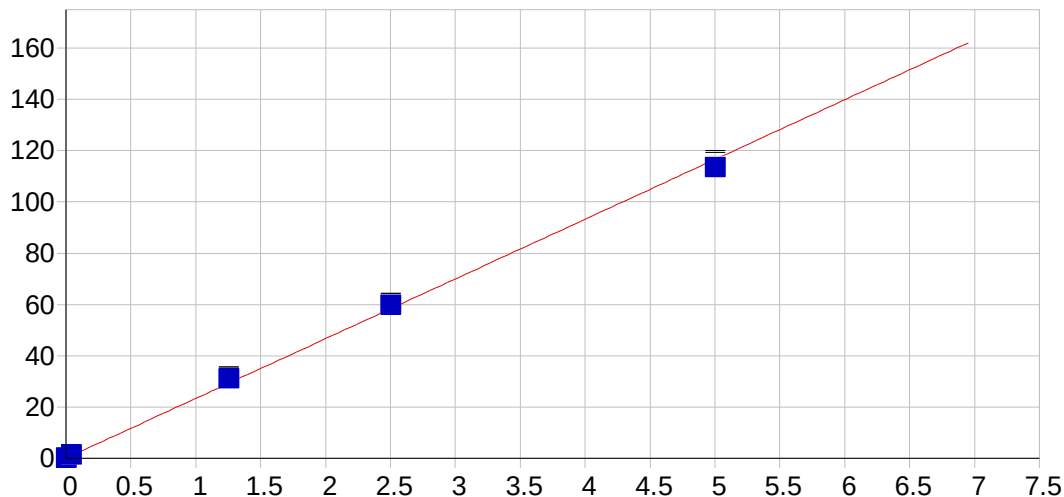
Date of Fit: 9/26/2018 17:39:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000056 Re-Slope: 1.000000
 A1 (Gain): 0.197298 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999821
 Std Error of Est: 0.000090
 Predicted MDL: 0.000619
 Predicted MQL: 0.002062

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00006	.000	1
S1	.04000	.04477	.005	11.9	.00865	.000	1
S3	1.2500	1.2852	.035	2.82	.25190	.000	1
S4	2.5000	2.5340	.034	1.36	.49667	.000	1
S5	5.0000	4.9261	-.074	-1.48	.96541	.000	1



Zn 206.200 {163}

Date of Fit: 9/26/2018 17:39:06

Type of Fit: Linear

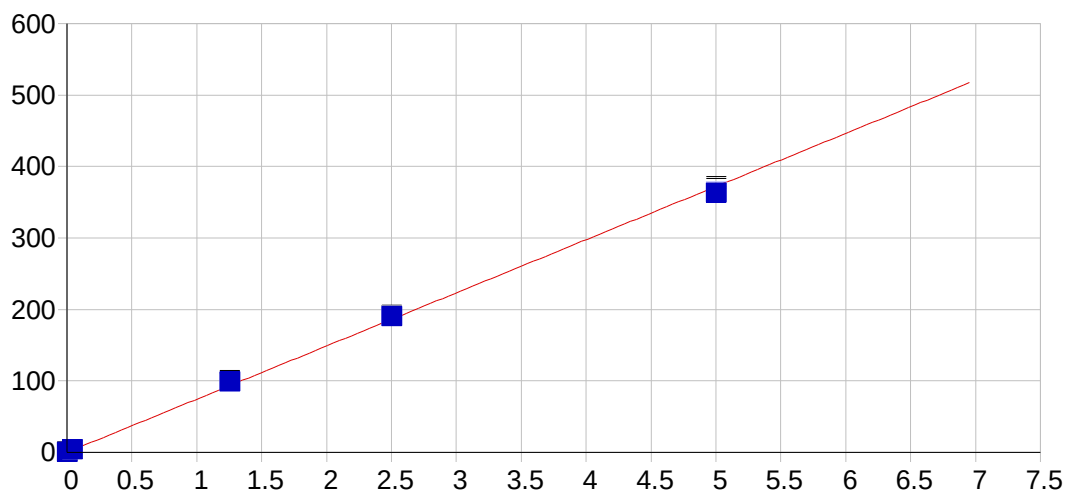
Weighting: 1/Conc

A0 (Offset): 0.043063
 A1 (Gain): 23.306641
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999339
 Std Error of Est: 0.020637
 Predicted MDL: 0.000660
 Predicted MQL: 0.002198

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	.04283	.004	1
S1	.04000	.04785	.008	19.6	1.1644	.015	1
S3	1.2500	1.3282	.078	6.26	31.176	.487	1
S4	2.5000	2.5564	.056	2.26	59.976	.458	1
S5	5.0000	4.8575	-.142	-2.85	113.96	2.07	1

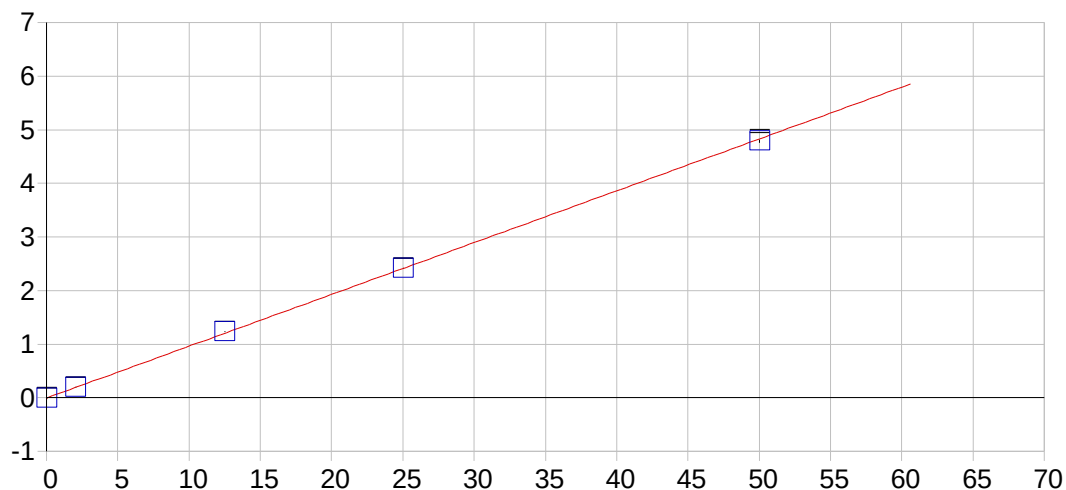


Zn 213.856 {458}

Date of Fit: 9/26/2018 17:39:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.092045 Re-Slope: 1.000000
 A1 (Gain): 74.380009 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999454 Status: OK.
 Std Error of Est: 0.059854
 Predicted MDL: 0.000102
 Predicted MQL: 0.000340

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.09136	.001	1
S1	.04000	.04719	.007	18.0	3.6218	.024	1
S3	1.2500	1.3212	.071	5.70	98.925	1.31	1
S4	2.5000	2.5508	.051	2.03	190.95	.310	1
S5	5.0000	4.8708	-.129	-2.58	364.63	6.70	1



K 766.490 {44}

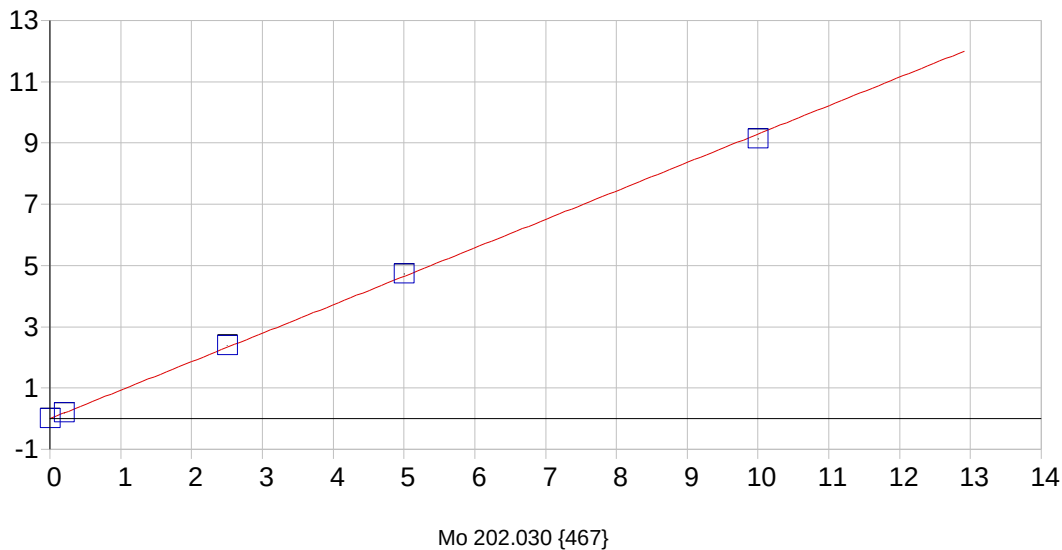
Date of Fit: 9/26/2018 17:39:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.006395 Re-Slope: 1.000000
 A1 (Gain): 0.096657 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999918
 Std Error of Est: 0.000677
 Predicted MDL: 0.034421
 Predicted MQL: 0.114735

Status: OK.

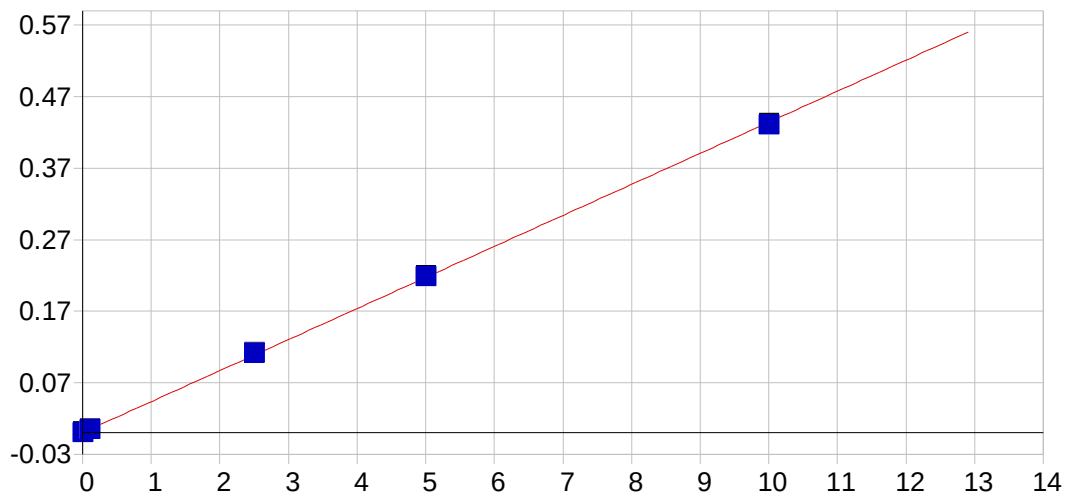
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0997	.100	4.98	.19655	.001	1
S0	.00000	-.00013	-.000	.000	-.00641	.006	1
S3	12.500	12.782	.282	2.26	1.2291	.002	1
S4	25.000	25.027	.027	.109	2.4127	.003	1
S5	50.000	49.591	-.409	-.818	4.7869	.029	1



Date of Fit: 9/26/2018 17:39:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000550 Re-Slope: 1.000000
 A1 (Gain): 0.929192 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999807 Status: OK.
 Std Error of Est: 0.001402
 Predicted MDL: 0.000348
 Predicted MQL: 0.001160

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00053	.001	1
S1	.20000	.21067	.011	5.33	.19630	.001	1
S3	2.5000	2.5725	.073	2.90	2.3909	.008	1
S4	5.0000	5.0834	.083	1.67	4.7240	.001	1
S5	10.000	9.8334	-.167	-1.67	9.1377	.006	1

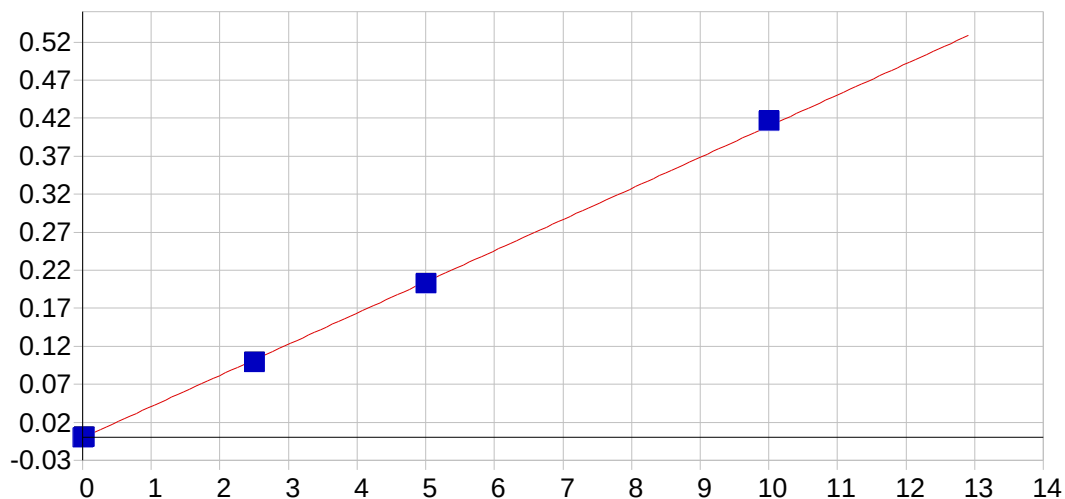


B 249.678 {135}

Date of Fit: 9/26/2018 17:39:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000354 Re-Slope: 1.000000
 A1 (Gain): 0.043391 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999932 Status: OK.
 Std Error of Est: 0.000027
 Predicted MDL: 0.009111
 Predicted MQL: 0.030370

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00035	.001	1
S1	.10000	.09966	-.000	-.340	.00466	.000	1
S3	2.5000	2.5608	.061	2.43	.11121	.001	1
S4	5.0000	5.0271	.027	.543	.21798	.001	1
S5	10.000	9.9124	-.088	-.876	.42945	.002	1



S 182.034 {485}

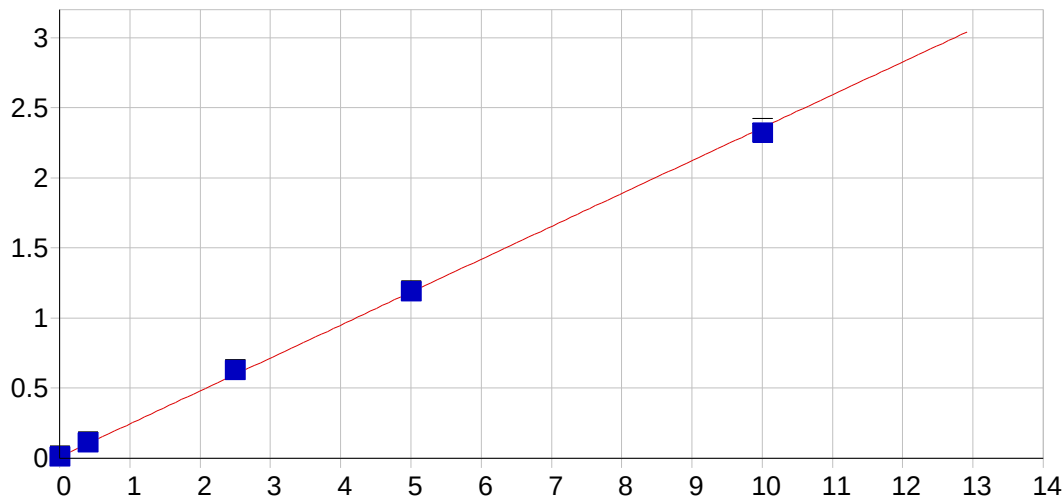
Date of Fit: 9/26/2018 17:39:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000207 Re-Slope: 1.000000
 A1 (Gain): 0.040967 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999805
 Std Error of Est: 0.000020
 Predicted MDL: 0.004060
 Predicted MQL: 0.013534

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00021	.000	1
S1	.02000	.01959	-.000	-2.03	.00057	.000	1
S3	2.5000	2.4066	-.093	-3.74	.09827	.000	1
S4	5.0000	4.9356	-.064	-1.29	.20176	.000	1
S5	10.000	10.158	.158	1.58	.41549	.000	1



Si 288.158 {117}

Date of Fit: 9/26/2018 17:39:06

Type of Fit: Linear

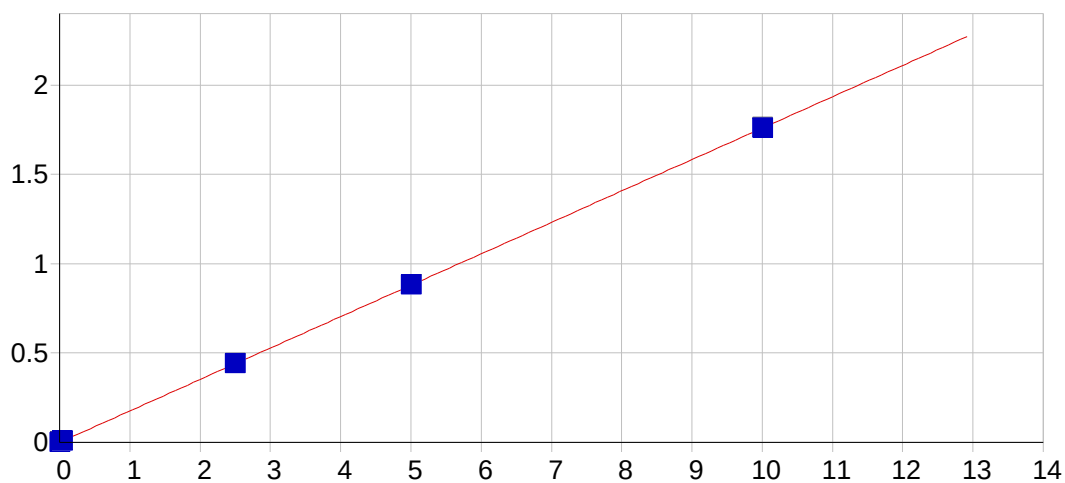
Weighting: 1/Conc

A0 (Offset): 0.011385
 A1 (Gain): 0.234636
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999718
 Std Error of Est: 0.000608
 Predicted MDL: 0.003787
 Predicted MQL: 0.012623

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	-.00004	-.000	.000	.01138	.000	1
S1	.40000	.42310	.023	5.77	.11058	.001	1
S3	2.5000	2.6249	.125	5.00	.62697	.001	1
S4	5.0000	5.0098	.010	.196	1.1862	.004	1
S5	10.000	9.8422	-.158	-1.58	2.3195	.030	1

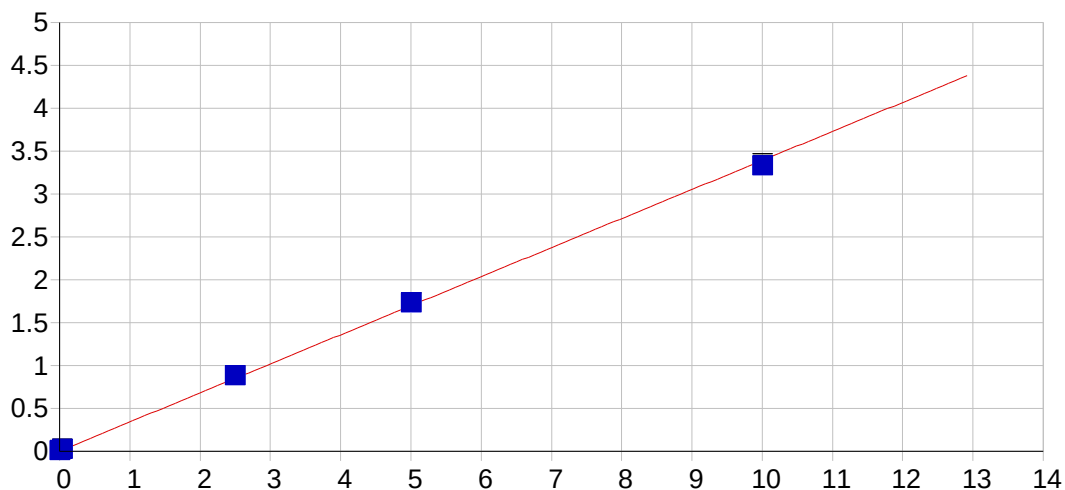


Sn 189.989 {477}

Date of Fit: 9/26/2018 17:39:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000525 Re-Slope: 1.000000
 A1 (Gain): 0.175834 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999985 Status: OK.
 Std Error of Est: 0.000032
 Predicted MDL: 0.000952
 Predicted MQL: 0.003175

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00052	.000	1
S1	.04000	.04442	.004	11.0	.00833	.000	1
S3	2.5000	2.4929	-.007	-.285	.43893	.000	1
S4	5.0000	5.0041	.004	.081	.88056	.001	1
S5	10.000	9.9987	-.001	-.013	1.7589	.002	1



Ti 336.121 {100}

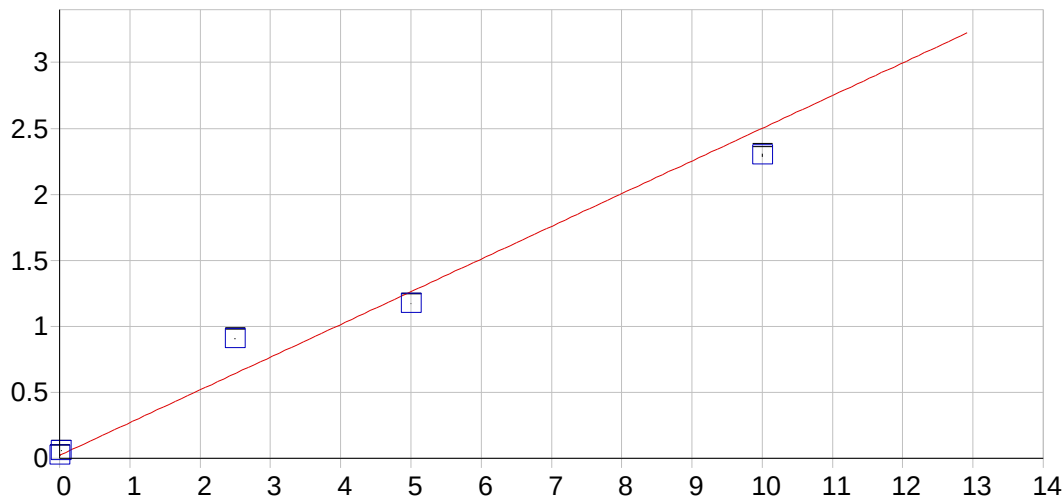
Date of Fit: 9/26/2018 17:39:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003955 Re-Slope: 1.000000
 A1 (Gain): 0.338740 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999760
 Std Error of Est: 0.000253
 Predicted MDL: 0.001942
 Predicted MQL: 0.006472

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00395	.001	1
S1	.04000	.04595	.006	14.9	.01951	.000	1
S3	2.5000	2.5832	.083	3.33	.87889	.005	1
S4	5.0000	5.0888	.089	1.78	1.7275	.007	1
S5	10.000	9.8220	-.178	-1.78	3.3306	.021	1



Li 670.784 { 50}

Date of Fit: 9/26/2018 17:39:06

Type of Fit: Linear

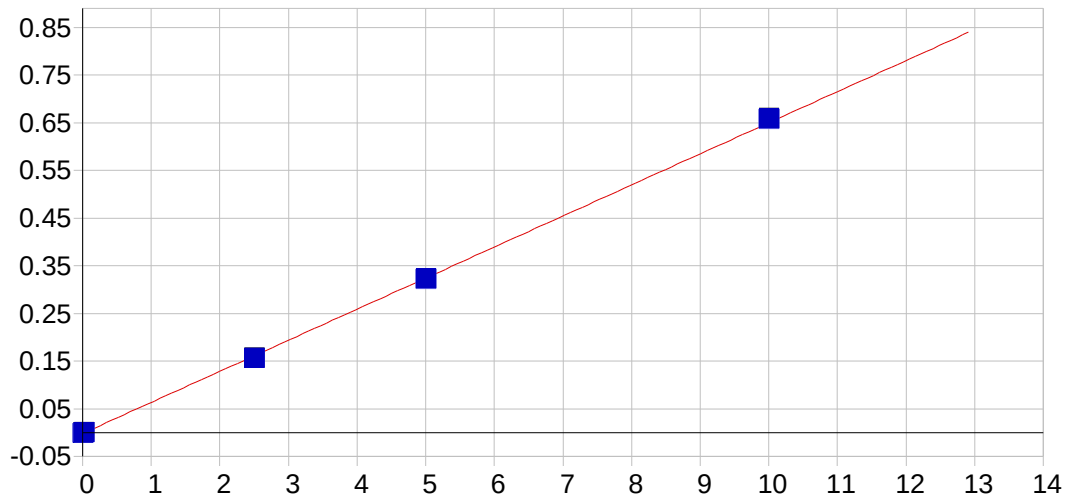
Weighting: 1/Conc

A0 (Offset): 0.022749
 A1 (Gain): 0.247869
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.965230
 Std Error of Est: 0.001621
 Predicted MDL: 0.012502
 Predicted MQL: 0.041672

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	-.00013	-.000	.000	.02272	.001	1
S1	.02000	.14147	.121	607.	.05781	.001	1
S3	2.5000	3.5636	1.06	42.5	.90606	.003	1
S4	5.0000	4.6362	-.364	-7.28	1.1719	.003	1
S5	10.000	9.1787	-.821	-8.21	2.2979	.013	1

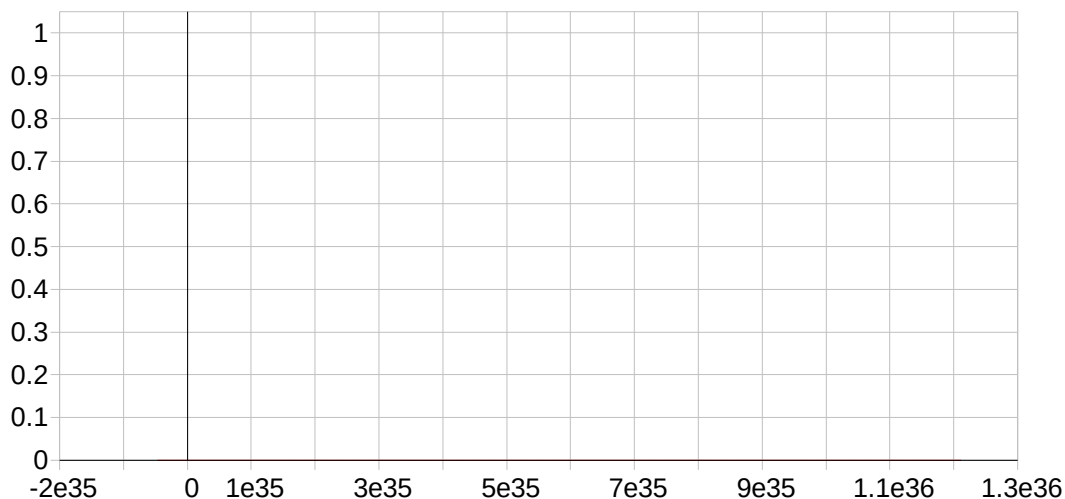


P 177.495 {490}

Date of Fit: 9/26/2018 17:39:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001868 Re-Slope: 1.000000
 A1 (Gain): 0.065189 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999875 Status: OK.
 Std Error of Est: 0.000025
 Predicted MDL: 0.002450
 Predicted MQL: 0.008168

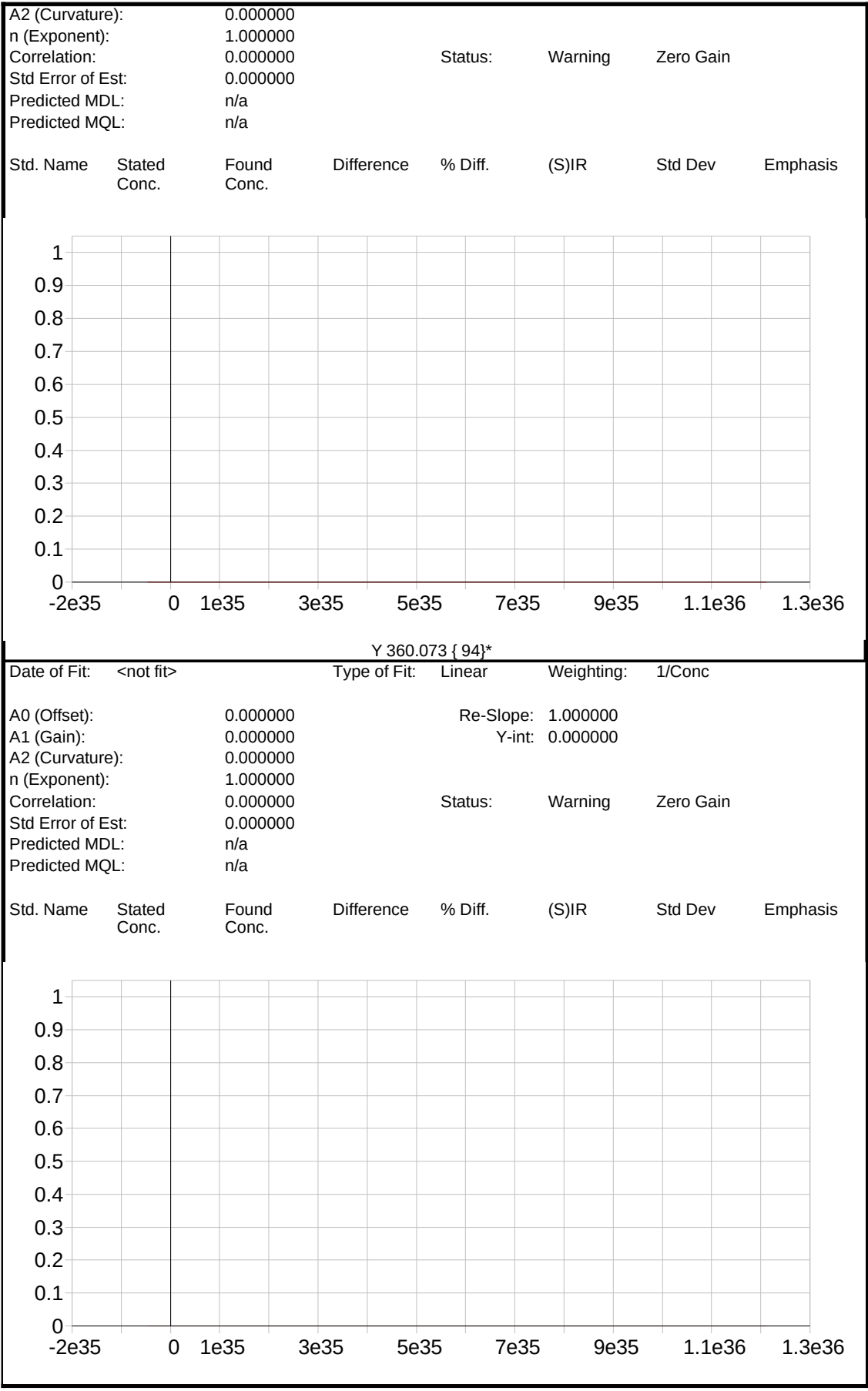
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00187	.000	1
S1	.02000	.01851	-.001	-7.46	-.00067	.000	1
S3	2.5000	2.4207	-.079	-3.17	.15570	.000	1
S4	5.0000	4.9607	-.039	-7.86	.32104	.000	1
S5	10.000	10.120	.120	1.20	.65690	.001	1

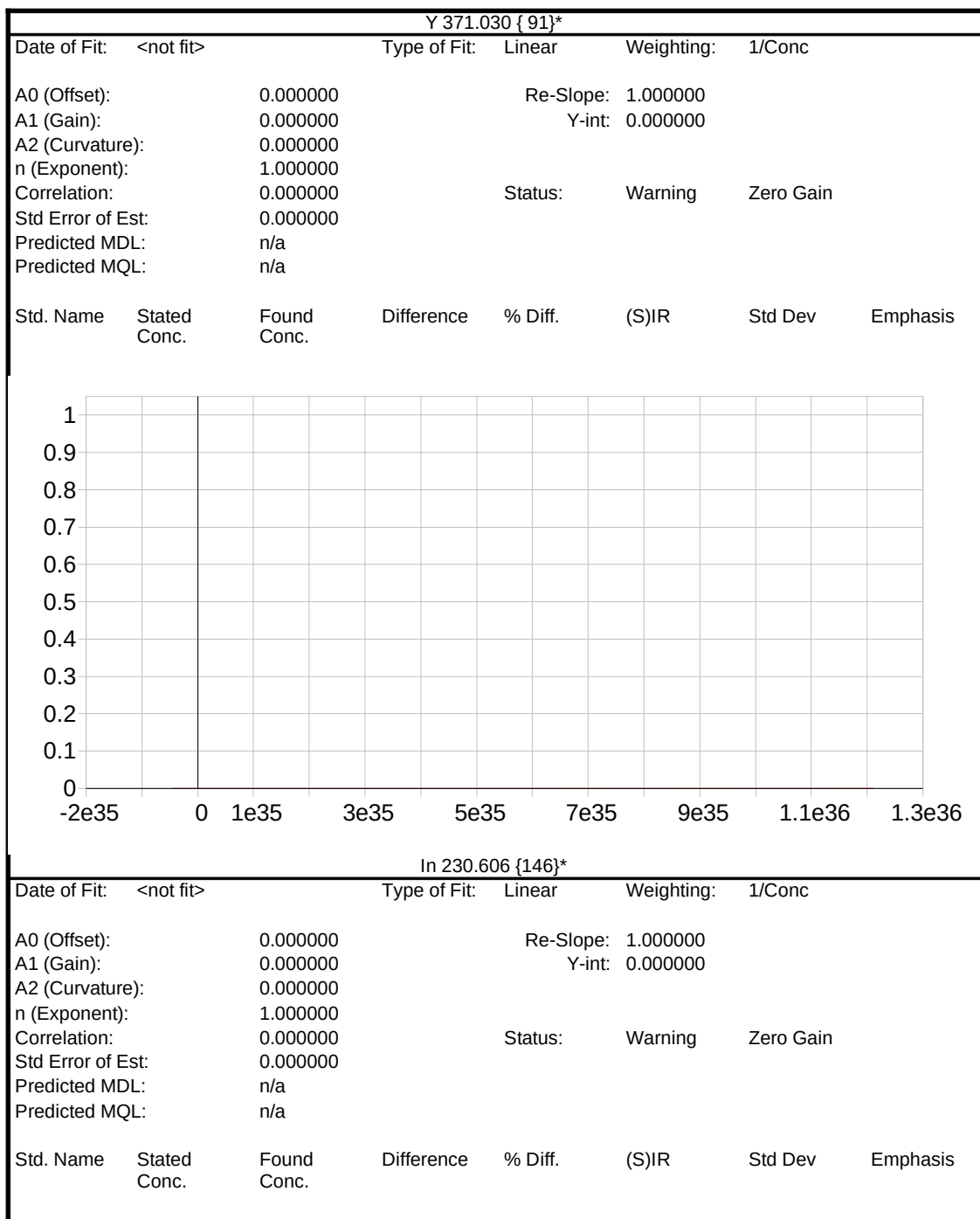


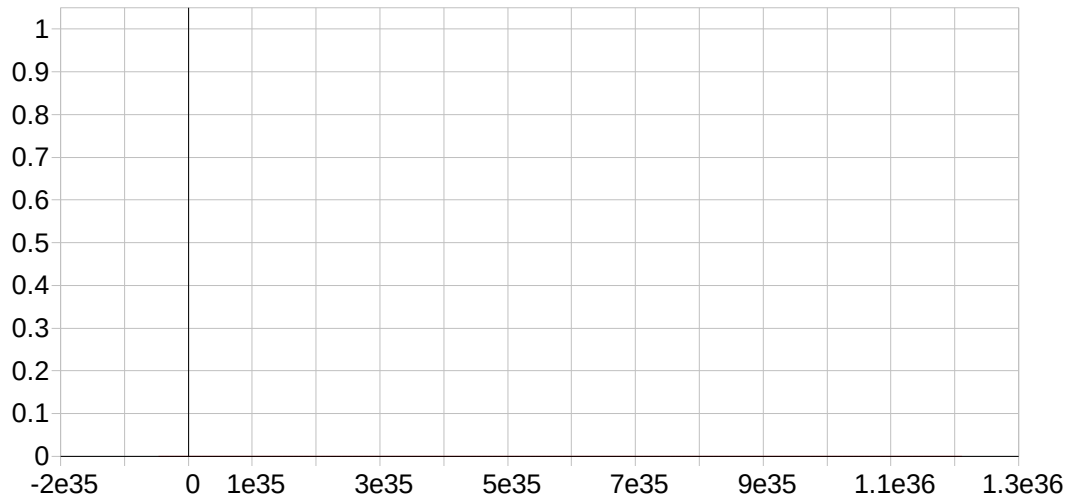
Y 224.306 {450}*

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

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



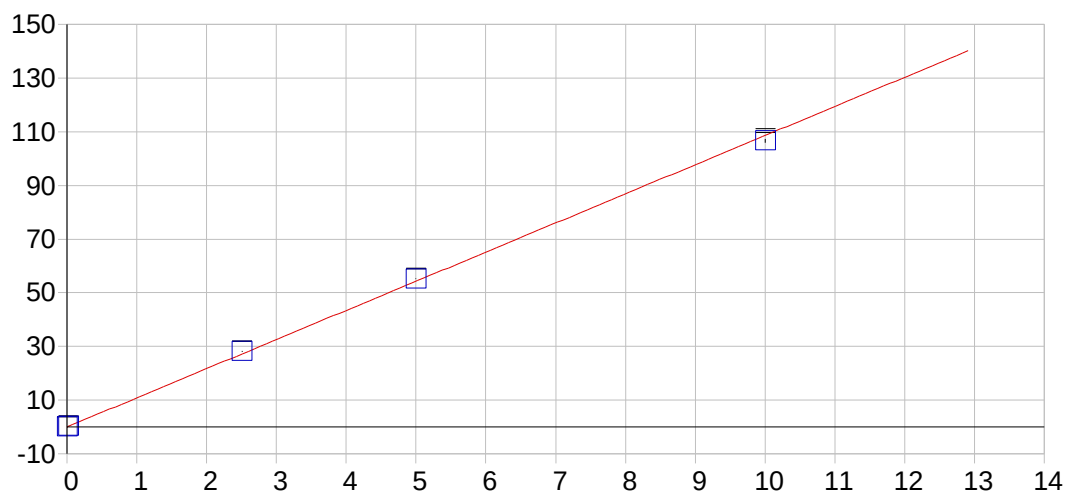




Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc

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

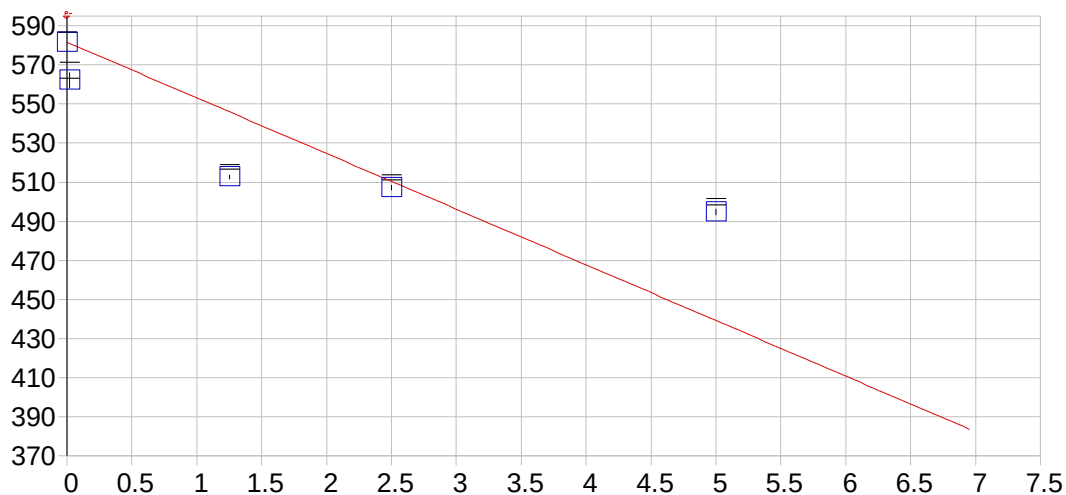


Date of Fit: 9/26/2018 17:39:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.007277	Re-Slope:	1.000000
A1 (Gain):	10.856534	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999766	Status:	OK.
Std Error of Est:	0.005671		
Predicted MDL:	0.000113		

Predicted MQL: 0.000376

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00730	.001	1
S1	.02000	.02102	.001	5.11	.22095	.003	1
S3	2.5000	2.5979	.098	3.92	28.197	.022	1
S4	5.0000	5.0774	.077	1.55	55.116	.124	1
S5	10.000	9.8237	-.176	-1.76	106.64	.677	1



Date of Fit: 9/26/2018 17:39:06

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 581.652951

Re-Slope: 1.000000

A1 (Gain): -28.486512

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.516591

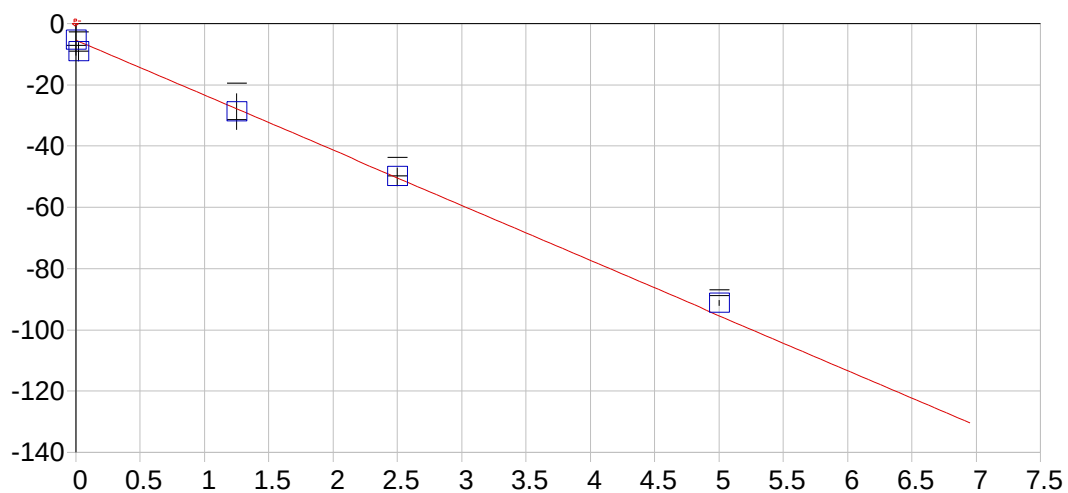
Status: Warning Negative Gain

Std Error of Est: 0.806848

Predicted MDL: n/a

Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00068	-.001	.000	581.67	.051	1
S1	.02000	.68638	.666	3330.	562.10	3.96	1
S3	1.2500	2.4219	1.17	93.8	512.66	1.20	1
S4	2.5000	2.6139	.114	4.56	507.19	1.23	1
S5	5.0000	3.0478	-1.95	-39.0	494.83	1.71	1



U 385.958 { 87}

Date of Fit: 9/26/2018 17:39:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -5.369662 Re-Slope: 1.000000

A1 (Gain): -17.987728 Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.909206

Status: Warning Negative Gain

Std Error of Est: 0.140759

Predicted MDL: n/a

Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00019	-.000	.000	-5.3662	4.98	1
S1	.02000	.21104	.191	955.	-9.1659	3.17	1
S3	1.2500	1.3007	.051	4.05	-28.765	5.90	1
S4	2.5000	2.4827	-.017	-.693	-50.027	3.02	1
S5	5.0000	4.7756	-.224	-4.49	-91.272	.944	1

Sample Name: S0 Acquired: 9/26/2018 10:39:14 Type: Cal
Method: P4-ICP2(v2461) 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	.00019	-.00004	.00264	.00004	.00001	-.00016	.04631	-.00003
Stddev	.00013	.00029	.00038	.00001	.00037	.00006	.00469	.00000
%RSD	72.009	719.02	14.533	22.423	2460.7	39.051	10.132	7.6884
#1	.00009	.00016	.00291	.00004	-.00025	-.00020	.04299	-.00003
#2	.00028	-.00025	.00236	.00003	.00027	-.00011	.04963	-.00003
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00095	.00077	.00009	-.00015	.00238	-.00075	.00017	.00027
Stddev	.00034	.00042	.00004	.00020	.00008	.01017	.00007	.00013
%RSD	35.479	54.370	43.021	131.60	3.4729	1360.7	39.763	49.379
#1	-.00119	.00106	.00012	-.00030	.00243	-.00794	.00012	.00017
#2	-.00071	.00047	.00006	-.00001	.00232	.00644	.00022	.00036
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00415	.00044	.13050	-.00006	.09136	-.00641	.00053	.00035
Stddev	.00033	.00011	.00373	.00004	.00142	.00586	.00054	.00056
%RSD	8.0520	26.075	2.8602	79.037	1.5494	91.447	101.41	158.78
#1	-.00391	.00036	.12786	-.00009	.09236	-.01055	.00092	-.00004
#2	-.00438	.00052	.13314	-.00003	.09036	-.00226	.00015	.00075
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00021	.01138	.00052	.00395	.02272	-.0019	-.00730	581.67
Stddev	.00008	.00031	.00010	.00079	.00065	.0000	.00094	.05
%RSD	37.308	2.7646	19.340	19.899	2.8526	.4046	12.883	.00872
#1	-.00015	.01160	.00045	.00451	.02318	-.0019	-.00663	581.71
#2	-.00026	.01115	.00060	.00340	.02226	-.0019	-.00796	581.64

Sample Name: S0 Acquired: 9/26/2018 10:39:14 Type: Cal
Method: P4-ICP2(v2461) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-5.3662
Stddev	4.9774
%RSD	92.754

#1	-8.8858
#2	-1.8467

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1947.0	34727.	3984.7	96.394	2919.6
Stddev	11.5	80.	17.0	.655	12.2
%RSD	.59156	.23179	.42751	.67910	.41638

#1	1938.9	34670.	3972.6	96.857	2911.0
#2	1955.2	34784.	3996.7	95.931	2928.2

Sample Name: S1 Acquired: 9/26/2018 10:43:17 Type: Cal
Method: P4-ICP2(v2461) 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	.00154	.00565	.00634	.00154	.01062	.00098	.65982	.00619
Stddev	.00029	.00014	.00012	.00013	.00022	.00000	.00406	.00001
%RSD	18.661	2.4316	1.8353	8.5299	2.0940	.35596	.61460	.15213

#1	.00174	.00575	.00626	.00144	.01078	.00098	.66269	.00619
#2	.00133	.00556	.00642	.00163	.01046	.00098	.65696	.00618

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	.01816	.00189	.04098	.02270	.16053	.03005	.02069	.00257
Stddev	.00010	.00008	.00001	.00021	.00379	.00035	.00019	.00005
%RSD	.56280	4.0979	.01288	.92491	2.3616	1.1569	.91974	1.9273

#1	.01809	.00195	.04099	.02285	.16321	.03030	.02083	.00260
#2	.01823	.00184	.04098	.02255	.15785	.02980	.02056	.00253

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	.00865	3.6218	.19630	.00466	.00057	.11058	.00833	.01951
Stddev	.00014	.0238	.00078	.00015	.00010	.00134	.00006	.00001
%RSD	1.5791	.65794	.39886	3.2524	17.861	1.2126	.67990	.03007

#1	.00875	3.6386	.19685	.00477	.00050	.11153	.00829	.01951
#2	.00856	3.6049	.19575	.00455	.00064	.10963	.00837	.01952

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.05781	-.0007	.22095	562.10	-9.1659
Stddev	.00058	.0000	.00266	3.96	3.1690
%RSD	.99768	6.653	1.2032	.70518	34.573

#1	.05741	-.0007	.22283	559.30	-6.9251
#2	.05822	-.0006	.21907	564.90	-11.407

Sample Name: S1 Acquired: 9/26/2018 10:43:17 Type: Cal
Method: P4-ICP2(v2461) 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	1931.6	34661.	4000.7	95.530	2874.7
Stddev	8.7	338.	22.5	.838	3.7
%RSD	.44797	.97582	.56286	.87702	.12999
#1	1925.5	34421.	3984.8	94.937	2872.1
#2	1937.8	34900.	4016.6	96.122	2877.4

Sample Name: S2 Acquired: 9/26/2018 10:47:22 Type: Cal
Method: P4-ICP2(v2461) 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	.11283	.02125	.77333	.19655
Stddev	.00040	.00060	.00425	.00063
%RSD	.35615	2.8171	.54937	.31862

#1	.11312	.02083	.77033	.19699
#2	.11255	.02167	.77633	.19611

Int. Std.	Y_3710
Units	Cts/S
Avg	3946.5
Stddev	34.6
%RSD	.87760

#1	3971.0
#2	3922.0

Sample Name: S3 Acquired: 9/26/2018 10:51:20 Type: Cal
Method: P4-ICP2(v2461) 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	.16570	.31271	.69057	.17780	.47318	.05106	29.167	.12739
Stddev	.00032	.00023	.00045	.00043	.00149	.00020	.074	.00017
%RSD	.19433	.07421	.06505	.24050	.31449	.38569	.25515	.13403
#1	.16547	.31287	.69025	.17749	.47423	.05093	29.114	.12726
#2	.16593	.31254	.69089	.17810	.47213	.05120	29.219	.12751
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.8298	.66156	.08937	1.5637	.60883	3.5896	1.7184	.13139
Stddev	.0143	.00231	.00035	.0076	.00008	.0945	.0018	.00049
%RSD	.37298	.34885	.38930	.48284	.01330	2.6330	.10266	.37399
#1	3.8399	.66319	.08962	1.5690	.60888	3.6564	1.7172	.13104
#2	3.8197	.65993	.08912	1.5584	.60877	3.5228	1.7197	.13174
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.70900	.13694	4.0955	.25190	98.925	1.2291	2.3909	.11121
Stddev	.00007	.00084	.0091	.00008	1.306	.0021	.0079	.00095
%RSD	.01006	.61457	.22180	.03016	1.3207	.17197	.33227	.85792
#1	.70905	.13634	4.0891	.25195	99.849	1.2306	2.3965	.11189
#2	.70895	.13753	4.1019	.25185	98.001	1.2276	2.3853	.11054
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.09827	.62697	.43893	.87889	.90606	.1557	28.197	512.66
Stddev	.00007	.00096	.00029	.00520	.00340	.0001	.022	1.20
%RSD	.06949	.15329	.06540	.59177	.37555	.0748	.07847	.23408
#1	.09822	.62629	.43914	.88257	.90847	.1556	28.181	511.81
#2	.09832	.62765	.43873	.87522	.90366	.1558	28.213	513.51

Sample Name: S3 Acquired: 9/26/2018 10:51:20 Type: Cal
Method: P4-ICP2(v2461) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-28.765
Stddev	5.905
%RSD	20.527

#1	-24.590
#2	-32.941

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1891.1	33296.	3909.8	92.128	2685.9
Stddev	12.7	9.	10.3	1.408	14.9
%RSD	.66953	.02809	.26394	1.5287	.55453

#1	1882.1	33303.	3917.1	91.132	2675.4
#2	1900.0	33290.	3902.5	93.124	2696.5

Sample Name: S4 Acquired: 9/26/2018 10:55:09 Type: Cal
Method: P4-ICP2(v2461) 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	.32922	.61967	1.3745	.35185	.94117	.10355	57.377	.25140
Stddev	.00145	.00054	.0001	.00143	.00275	.00007	.070	.00014
%RSD	.44190	.08637	.00422	.40664	.29257	.07111	.12169	.05370

#1	.32820	.61929	1.3745	.35084	.94312	.10360	57.426	.25130
#2	.33025	.62005	1.3746	.35286	.93922	.10350	57.327	.25149

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7.7148	1.2917	.17523	3.1526	1.1903	7.0592	3.3552	.25956
Stddev	.0022	.0021	.00016	.0024	.0020	.0347	.0053	.00125
%RSD	.02875	.15866	.08926	.07714	.16504	.49108	.15808	.48173

#1	7.7164	1.2902	.17512	3.1509	1.1889	7.0837	3.3514	.25867
#2	7.7132	1.2931	.17534	3.1544	1.1917	7.0347	3.3589	.26044

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.4255	.26924	7.9396	.49667	190.95	2.4127	4.7240	.21798
Stddev	.0003	.00030	.0109	.00030	.31	.0026	.0015	.00134
%RSD	.02390	.11230	.13766	.06102	.16209	.10778	.03143	.61324

#1	1.4257	.26946	7.9474	.49688	191.17	2.4108	4.7230	.21703
#2	1.4253	.26903	7.9319	.49645	190.73	2.4145	4.7251	.21892

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.20176	1.1862	.88056	1.7275	1.1719	.3210	55.116	507.19
Stddev	.00015	.0038	.00064	.0072	.0026	.0004	.124	1.23
%RSD	.07642	.32393	.07244	.41819	.22556	.1269	.22480	.24270

#1	.20165	1.1835	.88101	1.7224	1.1738	.3208	55.203	506.32
#2	.20187	1.1890	.88011	1.7326	1.1701	.3213	55.028	508.06

Sample Name: S4 Acquired: 9/26/2018 10:55:09 Type: Cal
Method: P4-ICP2(v2461) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-50.027
Stddev	3.019
%RSD	6.0349

#1	-52.162
#2	-47.893

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1849.7	32757.	3904.8	90.677	2556.6
Stddev	4.8	6.	19.4	.367	7.7
%RSD	.25935	.01760	.49691	.40464	.30065

#1	1846.3	32761.	3918.5	90.417	2551.1
#2	1853.1	32753.	3891.1	90.936	2562.0

Sample Name: S5 Acquired: 9/26/2018 10:58:55 Type: Cal
Method: P4-ICP2(v2461) 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	.64345	1.2111	2.7277	.68588	1.8358	.20348	111.86	.48968
Stddev	.00208	.0004	.0028	.00022	.0001	.00084	1.56	.00113
%RSD	.32283	.03387	.10255	.03245	.00560	.41188	1.3920	.23059

#1	.64492	1.2113	2.7257	.68572	1.8358	.20408	110.76	.48888
#2	.64198	1.2108	2.7297	.68603	1.8359	.20289	112.96	.49047

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	15.383	2.5033	.34467	6.3025	2.2693	13.886	6.4511	.50801
Stddev	.005	.0194	.00028	.0063	.0015	.267	.0006	.00621
%RSD	.03312	.77693	.08204	.10032	.06667	1.9194	.00909	1.2220

#1	15.387	2.4895	.34447	6.2980	2.2703	14.075	6.4515	.50362
#2	15.379	2.5170	.34487	6.3069	2.2682	13.698	6.4506	.51240

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.8479	.52385	15.628	.96541	364.63	4.7869	9.1377	.42945
Stddev	.0043	.00002	.106	.00043	6.70	.0294	.0056	.00225
%RSD	.15130	.00287	.67969	.04440	1.8366	.61381	.06087	.52496

#1	2.8449	.52386	15.553	.96571	369.37	4.7661	9.1416	.42785
#2	2.8510	.52384	15.703	.96510	359.89	4.8077	9.1337	.43104

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.41549	2.3195	1.7589	3.3306	2.2979	.6569	106.64	494.83
Stddev	.00027	.0297	.0019	.0211	.0126	.0009	.68	1.71
%RSD	.06580	1.2822	.10996	.63261	.54758	.1392	.63441	.34515

#1	.41568	2.2984	1.7603	3.3157	2.2890	.6563	106.17	493.62
#2	.41529	2.3405	1.7576	3.3455	2.3068	.6575	107.12	496.04

Sample Name: S5 Acquired: 9/26/2018 10:58:55 Type: Cal
Method: P4-ICP2(v2461) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-91.272
Stddev	.944
%RSD	1.0340

#1	-91.940
#2	-90.605

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1809.3	32157.	3843.9	89.617	2405.0
Stddev	4.8	70.	25.2	1.875	5.1
%RSD	.26687	.21851	.65597	2.0922	.21053

#1	1805.8	32108.	3861.7	88.291	2401.4
#2	1812.7	32207.	3826.1	90.942	2408.5

Sample Name: ICV01 Acquired: 9/26/2018 11:16:46 Type: Unk
Method: P4-ICP2(v2461) 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	1.0627	1.0794	1.0405	1.0721	.99755	2.5361	.51906
Stddev	.0047	.0028	.0009	.0069	.00321	.0090	.00804
%RSD	.44137	.26078	.08832	.64612	.32180	.35452	1.5495

#1	1.0660	1.0814	1.0398	1.0770	.99982	2.5425	.52475
#2	1.0593	1.0775	1.0411	1.0672	.99528	2.5298	.51338

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49134	.50945	10.196	.50575	.49024	.49439	4.8549
Stddev	.00211	.00204	.132	.00100	.00179	.00159	.0317
%RSD	.43011	.40123	1.2898	.19715	.36483	.32085	.65326

#1	.49284	.51090	10.289	.50645	.49151	.49551	4.8773
#2	.48985	.50801	10.103	.50504	.48898	.49327	4.8325

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.52247	5.9934	.50331	.49266	9.9566	.50753	1.0110
Stddev	.00076	.1329	.00184	.00123	.1408	.00047	.0067
%RSD	.14594	2.2180	.36566	.24917	1.4137	.09237	.66566

#1	.52301	6.0874	.50461	.49353	10.056	.50786	1.0158
#2	.52193	5.8994	.50201	.49179	9.8571	.50719	1.0062

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.194	2.5527	2.5514	F -.00157	2.4138	2.4549	2.5690
Stddev	.224	.0084	.0197	.00243	.0157	.0057	.0484
%RSD	2.1963	.32868	.77083	155.11	.65131	.23153	1.8837

#1	10.353	2.5587	2.5653	-.00329	2.4249	2.4589	2.6032
#2	10.036	2.5468	2.5375	.00015	2.4027	2.4508	2.5348

Sample Name: ICV01 Acquired: 9/26/2018 11:16:46 Type: Unk
Method: P4-ICP2(v2461) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.03770	F -.0018	F .10889	F 2.6625	F 2.6620
Stddev	.00190	.0015	.00196	.4531	.0907
%RSD	5.0520	81.20	1.7981	17.019	3.4092

#1	-.03635	-.0008	.11028	2.9829	2.7261
#2	-.03905	-.0029	.10751	2.3421	2.5978

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1890.2	33347.	3884.3	94.940	2733.9
Stddev	9.2	163.	54.4	.554	12.6
%RSD	.48612	.48987	1.4007	.58341	.46065

#1	1883.7	33232.	3845.9	94.548	2725.0
#2	1896.7	33463.	3922.8	95.331	2742.8

Sample Name: LLICV01 Acquired: 9/26/2018 11:20:37 Type: Unk
Method: P4-ICP2(v2461) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02041	.04492	.01356	.02145	.05527	.09269	.10688	.00625
Stddev	.00082	.00100	.00013	.00020	.00081	.00337	.00043	.00005
%RSD	4.0262	2.2158	.92685	.92358	1.4681	3.6354	.40040	.85439
#1	.01983	.04562	.01365	.02131	.05585	.09507	.10718	.00621
#2	.02099	.04421	.01347	.02159	.05470	.09031	.10657	.00629
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00604	2.0599	.01021	.03228	.01903	.10745	.02268	2.0501
Stddev	.00006	.0009	.00054	.00021	.00019	.00352	.00005	.0955
%RSD	.95785	.04294	5.3173	.65191	1.0158	3.2738	.21307	4.6602
#1	.00608	2.0593	.00983	.03243	.01890	.10497	.02271	1.9825
#2	.00600	2.0605	.01060	.03213	.01917	.10994	.02264	2.1177
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04248	.00963	1.9025	.04406	.04609	2.0967	.20855	.10267
Stddev	.00041	.00128	.0007	.00004	.00000	.0138	.00059	.00202
%RSD	.95544	13.249	.03543	.09020	.00730	.65954	.28524	1.9663
#1	.04277	.00873	1.9020	.04404	.04609	2.1065	.20897	.10124
#2	.04219	.01053	1.9030	.04409	.04608	2.0870	.20813	.10410
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01697	.40560	.04132	.04596	F .14825	.0172	.02031	F 2.6568
Stddev	.00413	.00780	.00040	.00054	.00166	.0016	.00000	.1330
%RSD	24.364	1.9234	.96594	1.1657	1.1181	9.207	.01784	5.0044
#1	.01990	.41112	.04160	.04558	.14707	.0161	.02031	2.5628
#2	.01405	.40008	.04104	.04634	.14942	.0183	.02031	2.7509

Sample Name: LLICV01 Acquired: 9/26/2018 11:20:37 Type: Unk
Method: P4-ICP2(v2461) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .76355
Stddev .19845
%RSD 25.990

#1 .90388
#2 .62323

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1917.0	33770.	3883.7	94.857	2858.3
Stddev	7.5	29.	26.4	.581	6.2
%RSD	.38869	.08578	.68103	.61273	.21709

#1	1922.2	33790.	3865.0	95.268	2862.7
#2	1911.7	33749.	3902.4	94.446	2853.9

Sample Name: ICB01 Acquired: 9/26/2018 11:24:41 Type: Unk
Method: P4-ICP2(v2461) 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	-.00186	.00038	.00009	.00404	.00101	-.00183	-.00005
Stddev	.00015	.00067	.00047	.00029	.00164	.01013	.00027
%RSD	7.8762	176.49	548.52	7.2516	162.69	553.34	579.46

#1	-.00197	.00086	.00042	.00384	.00217	-.00899	-.00024
#2	-.00176	-.00009	-.00025	.00425	-.00015	.00533	.00014

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.00001	-.01661	.00010	-.00006	.00010	-.00390
Stddev	.00001	.00001	.00150	.00038	.00001	.00029	.00184
%RSD	13.280	160.40	9.0590	383.12	8.6749	285.69	47.112

#1	.00007	.00002	-.01555	.00036	-.00006	.00030	-.00520
#2	.00006	-.00000	-.01767	-.00017	-.00006	-.00010	-.00260

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.07284	.00063	-.00030	-.19803	-.00031	-.00026
Stddev	.00005	.02393	.00089	.00010	.00497	.00040	.00001
%RSD	350.25	32.848	139.93	31.537	2.5102	130.35	1.9784

#1	.00002	-.05592	.00126	-.00024	-.19451	-.00060	-.00027
#2	-.00005	-.08976	.00001	-.00037	-.20154	-.00002	-.00026

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01640	-.00029	-.00999	-.00138	.00068	.00038	.00273
Stddev	.03812	.00018	.00111	.00040	.00485	.00022	.00227
%RSD	232.46	61.094	11.090	28.743	713.78	56.677	83.148

#1	-.01056	-.00017	-.00920	-.00166	-.00275	.00023	.00433
#2	.04335	-.00042	-.01077	-.00110	.00411	.00054	.00112

Sample Name: ICB01 Acquired: 9/26/2018 11:24:41 Type: Unk
Method: P4-ICP2(v2461) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.03242	-.0003	.00010	F 2.4251	F .36184
Stddev	.00361	.0012	.00004	.1805	.28720
%RSD	11.127	393.2	45.769	7.4446	79.373

#1	-.03497	.0005	.00013	2.2974	.15876
#2	-.02987	-.0012	.00006	2.5528	.56492

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1924.1	34024.	3862.4	94.703	2890.1
Stddev	7.9	113.	4.7	.055	2.5
%RSD	.41057	.33290	.12225	.05826	.08688

#1	1918.5	33944.	3859.0	94.664	2888.3
#2	1929.6	34105.	3865.7	94.742	2891.9

Sample Name: CRI01 Acquired: 9/26/2018 11:28:46 Type: Unk
Method: P4-ICP2(v2461) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02081	.04335	.01296	.02166	.05586	.10344	.10791	.00617
Stddev	.00324	.00010	.00116	.00365	.00073	.00536	.00002	.00002
%RSD	15.571	.24108	8.9361	16.860	1.3145	5.1840	.01538	.37688
#1	.01852	.04328	.01378	.01908	.05534	.09965	.10790	.00615
#2	.02310	.04343	.01214	.02424	.05638	.10723	.10792	.00619
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00612	2.0936	.01046	.03207	.01922	.11025	.02276	2.1512
Stddev	.00010	.0099	.00033	.00021	.00006	.01962	.00007	.0286
%RSD	1.6879	.47076	3.1713	.66016	.33060	17.794	.29672	1.3307
#1	.00619	2.0867	.01069	.03222	.01918	.09637	.02271	2.1310
#2	.00604	2.1006	.01023	.03192	.01927	.12412	.02281	2.1715
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04222	.00986	1.8789	.04455	.04940	2.0986	.20746	.09571
Stddev	.00017	.00021	.0004	.00077	.00042	.0041	.00038	.00434
%RSD	.41307	2.1180	.02090	1.7293	.85256	.19602	.18106	4.5340
#1	.04210	.00971	1.8791	.04400	.04970	2.0957	.20773	.09265
#2	.04235	.01001	1.8786	.04509	.04911	2.1015	.20720	.09878
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01749	.40825	.04168	.04374	F .14972	.0159	.02033	F 2.5689
Stddev	.00202	.00026	.00019	.00106	.00590	.0012	.00012	.1880
%RSD	11.529	.06474	.46068	2.4164	3.9412	7.306	.60229	7.3165
#1	.01606	.40807	.04181	.04449	.15390	.0151	.02041	2.7018
#2	.01891	.40844	.04154	.04299	.14555	.0167	.02024	2.4360

Sample Name: CRI01 Acquired: 9/26/2018 11:28:46 Type: Unk
Method: P4-ICP2(v2461) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .56516
Stddev	.17972
%RSD	31.800

#1	.69224
#2	.43808

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1942.9	34163.	3919.5	93.545	2904.5
Stddev	2.5	187.	18.6	.795	6.8
%RSD	.12627	.54793	.47488	.84981	.23446

#1	1944.6	34031.	3906.4	92.983	2899.7
#2	1941.1	34296.	3932.7	94.108	2909.3

Sample Name: ICSA01 Acquired: 9/26/2018 11:32:49 Type: Unk
Method: P4-ICP2(v2461) 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	.01555	-.00427	-.00211	-.01775	.00141	303.04	.00609
Stddev	.00174	.00187	.00152	.00487	.00389	.40	.00019
%RSD	11.215	43.651	72.068	27.426	275.21	.13320	3.0407

#1	.01679	-.00559	-.00104	-.02119	-.00134	303.32	.00596
#2	.01432	-.00296	-.00319	-.01431	.00417	302.75	.00622

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00174	.00291	266.65	.05694	-.00044	-.01633	107.86
Stddev	.00011	.00013	.32	.00137	.00042	.00066	2.41
%RSD	6.4159	4.3353	.11898	2.3991	94.992	4.0730	2.2376

#1	-.00167	.00282	266.88	.05790	-.00074	-.01680	109.57
#2	-.00182	.00300	266.43	.05597	-.00015	-.01585	106.16

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01625	290.91	-.00177	-.00323	-.14787	.00132	.00060
Stddev	.00003	.77	.00035	.00007	.00226	.00011	.00016
%RSD	.20413	.26387	19.575	2.2807	1.5287	8.3681	26.199

#1	.01627	291.45	-.00201	-.00318	-.14947	.00124	.00071
#2	.01622	290.36	-.00152	-.00329	-.14627	.00140	.00049

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05103	-.00150	.05873	F -.02794	-.01116	.00945	-.00031
Stddev	.02692	.00036	.00280	.00118	.00201	.00166	.00179
%RSD	52.748	24.219	4.7674	4.2204	17.983	17.515	577.10

#1	.03200	-.00176	.06071	-.02877	-.00974	.01062	-.00157
#2	.07007	-.00124	.05675	-.02711	-.01257	.00828	.00095

Sample Name: ICSA01 Acquired: 9/26/2018 11:32:49 Type: Unk
 Method: P4-ICP2(v2461) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01197	.0113	F .10957	F<.00000	F 21.148
Stddev	.00743	.0034	.00058	.16199	.137
%RSD	62.096	30.23	.53253	5.7120	.64928

#1	.00671	.0089	.10999	-2.7214	21.245
#2	.01722	.0137	.10916	-2.9505	21.051

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1793.9	30871.	3832.8	86.012	2313.4
Stddev	11.7	41.	6.5	2.058	14.5
%RSD	.65042	.13123	.16953	2.3929	.62730

#1	1785.7	30842.	3828.2	84.557	2303.1
#2	1802.2	30899.	3837.4	87.468	2323.6

Sample Name: ICSAB01 Acquired: 9/26/2018 11:43:01 Type: Unk
Method: P4-ICP2(v2461) 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	.11487	.09973	.05108	.03342	.56673	267.26	.49180
Stddev	.00023	.00185	.00149	.00974	.00226	.08	.00227
%RSD	.20315	1.8571	2.9196	29.160	.39897	.03120	.46224

#1	.11503	.09842	.05214	.02653	.56513	267.32	.49341
#2	.11470	.10104	.05003	.04030	.56833	267.20	.49019

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50890	1.0057	236.58	.51839	.47713	.42681	94.680
Stddev	.00110	.0024	.43	.00055	.00118	.00250	1.539
%RSD	.21670	.23891	.18116	.10522	.24669	.58481	1.6256

#1	.50968	1.0074	236.88	.51800	.47630	.42504	95.769
#2	.50812	1.0040	236.28	.51877	.47796	.42857	93.592

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50041	257.96	.94626	.20659	-.14748	.47838	.99220
Stddev	.00026	.92	.00001	.00331	.00423	.00013	.01724
%RSD	.05276	.35607	.00118	1.6031	2.8699	.02653	1.7371

#1	.50022	258.61	.94625	.20893	-.15047	.47847	1.0044
#2	.50060	257.31	.94627	.20424	-.14449	.47829	.98001

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02508	.00084	.04774	-.01416	-.00511	.01303	.00328
Stddev	.00998	.00044	.00884	.00208	.00512	.00071	.00102
%RSD	39.795	52.005	18.524	14.669	100.26	5.4394	31.197

#1	.01802	.00114	.05400	-.01269	-.00873	.01354	.00401
#2	.03214	.00053	.04149	-.01563	-.00149	.01253	.00256

Sample Name: ICSAB01 Acquired: 9/26/2018 11:43:01 Type: Unk
 Method: P4-ICP2(v2461) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00873	F .0126	.09788	F<.00000	F 19.835
Stddev	.00446	.0016	.00039	.27925	.022
%RSD	51.152	12.86	.39968	13.011	.11045

#1	.00557	.0137	.09760	-1.9488	19.851
#2	.01188	.0115	.09816	-2.3437	19.820

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1783.8	30773.	3801.2	86.419	2317.2
Stddev	10.1	173.	31.6	1.905	18.3
%RSD	.56413	.56368	.83257	2.2045	.79038

#1	1776.7	30650.	3778.8	85.072	2304.2
#2	1790.9	30895.	3823.6	87.766	2330.1

Sample Name: CCV01 Acquired: 9/26/2018 11:47:01 Type: Unk
Method: P4-ICP2(v2461) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8901	4.8719	4.8745	4.9190	4.8724	9.9411	9.9351	.24801
Stddev	.0078	.0059	.0055	.0274	.0167	.0590	.0642	.00010
%RSD	.15893	.12152	.11343	.55737	.34276	.59354	.64660	.04120
#1	4.8956	4.8761	4.8784	4.9383	4.8842	9.9828	9.9806	.24809
#2	4.8846	4.8677	4.8706	4.8996	4.8605	9.8994	9.8897	.24794
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4347	24.641	.96521	2.4340	1.2005	4.7531	2.5041	24.974
Stddev	.0001	.068	.00358	.0003	.0055	.1255	.0012	.068
%RSD	.00228	.27688	.37050	.01150	.45959	2.6413	.04853	.27292
#1	2.4346	24.689	.96268	2.4338	1.2044	4.6643	2.5050	24.926
#2	2.4347	24.593	.96774	2.4342	1.1966	4.8419	2.5032	25.022
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4367	1.2161	24.417	2.4664	2.4890	24.895	4.9674	4.9796
Stddev	.0021	.0005	.124	.0034	.0424	.086	.0130	.0319
%RSD	.08730	.04156	.50911	.13886	1.7029	.34526	.26098	.64026
#1	2.4352	1.2157	24.504	2.4688	2.4590	24.956	4.9765	5.0021
#2	2.4382	1.2164	24.329	2.4639	2.5190	24.834	4.9582	4.9571
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8535	4.8281	4.8583	4.9520	F 4.6019	4.902	4.9256	F 3.5683
Stddev	.0075	.0198	.0125	.0004	.0058	.018	.0304	.0302
%RSD	.15440	.41096	.25727	.00830	.12672	.3562	.61705	.84585
#1	4.8482	4.8141	4.8494	4.9523	4.5978	4.890	4.9471	3.5470
#2	4.8588	4.8422	4.8671	4.9518	4.6061	4.915	4.9042	3.5897

Sample Name: CCV01 Acquired: 9/26/2018 11:47:01 Type: Unk
Method: P4-ICP2(v2461) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 3.1212
Stddev	.3968
%RSD	12.713

#1	3.4018
#2	2.8406

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1864.7	32577.	3805.6	91.585	2584.7
Stddev	9.7	189.	15.5	1.282	4.5
%RSD	.52079	.58073	.40665	1.3997	.17367

#1	1857.9	32443.	3794.7	92.492	2581.5
#2	1871.6	32711.	3816.6	90.679	2587.9

Sample Name: CCB01 Acquired: 9/26/2018 11:50:47 Type: Unk
Method: P4-ICP2(v2461) 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	.00359	-.00030	.00073	.00322	.00024	-.00045	.00029
Stddev	.00097	.00093	.00081	.00351	.00092	.00017	.00125
%RSD	27.029	310.36	111.62	109.02	389.23	37.015	429.19

#1	.00427	-.00095	.00131	.00074	.00089	-.00057	-.00059
#2	.00290	.00036	.00015	.00569	-.00042	-.00033	.00118

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.00003	-.01682	-.00003	-.00018	-.00017	-.00255
Stddev	.00000	.00012	.00180	.00035	.00001	.00031	.00480
%RSD	6.6076	389.91	10.704	1069.5	3.4784	181.92	188.25

#1	.00003	.00005	-.01809	.00022	-.00019	.00005	.00084
#2	.00003	-.00011	-.01555	-.00028	-.00018	-.00039	-.00595

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.04571	.00013	.00057	-.22827	-.00054	-.00030
Stddev	.00002	.04564	.00037	.00008	.00913	.00029	.00000
%RSD	119.64	99.851	288.89	13.278	3.9983	54.358	.12923

#1	.00003	-.01344	-.00013	.00063	-.22181	-.00074	-.00030
#2	.00000	-.07799	.00039	.00052	-.23472	-.00033	-.00030

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04847	.00018	.00582	-.00342	-.00141	-.00025	.00438
Stddev	.03143	.00011	.00340	.00198	.00261	.00030	.00086
%RSD	64.832	60.602	58.465	57.841	185.83	118.15	19.713

#1	.02625	.00025	.00341	-.00483	.00044	-.00004	.00499
#2	.07069	.00010	.00823	-.00202	-.00326	-.00046	.00377

Sample Name: CCB01 Acquired: 9/26/2018 11:50:47 Type: Unk
 Method: P4-ICP2(v2461) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.03773	-.0009	.00015	F 3.1190	F 1.0775
Stddev	.00976	.0013	.00007	.1846	.7467
%RSD	25.872	147.8	46.297	5.9196	69.300

#1	-.03082	.0000	.00010	2.9885	.54952
#2	-.04463	-.0018	.00020	3.2496	1.6056

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1922.2	33629.	3780.7	91.965	2899.2
Stddev	9.6	11.	10.0	.102	20.0
%RSD	.50124	.03351	.26567	.11126	.68889

#1	1915.4	33621.	3773.6	92.037	2885.1
#2	1929.1	33637.	3787.8	91.892	2913.4

Sample Name: PB113201BL Acquired: 9/26/2018 11:56:12 Type: Unk
Method: P4-ICP2(v2461) 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	-.00047	-.00081	-.00085	.00231	-.00087	-.00979	.00063
Stddev	.00079	.00064	.00030	.00546	.00104	.00847	.00041
%RSD	167.76	79.356	35.783	236.12	119.16	86.538	64.223

#1	-.00103	-.00126	-.00106	.00617	-.00014	-.00380	.00092
#2	.00009	-.00035	-.00063	-.00155	-.00161	-.01578	.00035

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00002	-.00992	.00022	-.00032	-.00021	.00725
Stddev	.00007	.00006	.00790	.00046	.00018	.00003	.00516
%RSD	208.16	271.68	79.630	209.93	54.825	16.384	71.208

#1	.00008	.00006	-.00433	-.00011	-.00045	-.00024	.00360
#2	-.00001	-.00002	-.01550	.00055	-.00020	-.00019	.01089

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	-.05163	.00023	-.00006	-.23573	-.00003	-.00031
Stddev	.00000	.00793	.00012	.00022	.00735	.00018	.00000
%RSD	1.0868	15.352	52.451	359.07	3.1187	558.34	1.4471

#1	-.00004	-.05723	.00032	.00009	-.24093	-.00016	-.00031
#2	-.00004	-.04602	.00015	-.00021	-.23053	.00010	-.00031

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01458	-.00025	-.00586	-.00517	-.00347	-.00002	.00259
Stddev	.00814	.00039	.00861	.00152	.00473	.00048	.00052
%RSD	55.806	158.75	146.94	29.459	136.22	2014.9	20.241

#1	-.00883	-.00052	-.01195	-.00410	-.00682	.00031	.00222
#2	-.02033	.00003	.00023	-.00625	-.00013	-.00036	.00296

Sample Name: PB113201BL Acquired: 9/26/2018 11:56:12 Type: Unk
 Method: P4-ICP2(v2461) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.03439	-.0030	.00007	F 3.3050	F .75543
Stddev	.00264	.0021	.00011	.0814	.47189
%RSD	7.6890	69.08	158.64	2.4634	62.467

#1	-.03252	-.0015	.00014	3.2474	1.0891
#2	-.03626	-.0045	-.00001	3.3626	.42175

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1908.1	33410.	3780.0	92.155	2878.0
Stddev	5.1	88.	3.4	2.382	10.0
%RSD	.26893	.26451	.09039	2.5844	.34580

#1	1911.7	33347.	3782.4	90.470	2885.1
#2	1904.4	33472.	3777.6	93.839	2871.0

Sample Name: PB113201TB Acquired: 9/26/2018 12:04:13 Type: Unk
Method: P4-ICP2(v2461) 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	-.00183	-.00242	-.00044	.00180	.00229	.00659	-.00089	.00002
Stddev	.00245	.00111	.00113	.00142	.00079	.00899	.00003	.00006
%RSD	133.56	45.916	255.05	78.807	34.568	136.36	3.1217	369.30

#1	-.00356	-.00163	-.00125	.00281	.00285	.00024	-.00091	-.00003
#2	-.00010	-.00320	.00036	.00080	.00173	.01295	-.00087	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.12873	-.00003	-.00022	-.00027	.00094	.00020	-.07326
Stddev	.00000	.01244	.00013	.00002	.00014	.00362	.00002	.02846
%RSD	7.7728	9.6629	400.94	7.7748	53.186	385.08	7.7280	38.841

#1	.00005	.11994	.00006	-.00023	-.00036	-.00162	.00019	-.09338
#2	.00004	.13753	-.00013	-.00021	-.00017	.00350	.00022	-.05314

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00125	-.00074	F 273.54	-.00058	F .02232	.03559	-.00002	-.00718
Stddev	.00026	.00049	.93	.00003	.00016	.02270	.00006	.00226
%RSD	20.830	66.532	.33977	4.3538	.70749	63.769	303.17	31.477

#1	.00106	-.00039	274.20	-.00056	.02221	.05164	.00002	-.00558
#2	.00143	-.00109	272.88	-.00059	.02243	.01954	-.00006	-.00878

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00135	.00239	.00255	.00327	-.04247	-.0028	.00025	F 2.5156
Stddev	.00019	.00068	.00012	.00061	.00565	.0011	.00005	.0731
%RSD	13.782	28.627	4.5157	18.542	13.297	40.16	21.414	2.9046

#1	-.00122	.00287	.00247	.00284	-.03848	-.0036	.00029	2.4639
#2	-.00148	.00190	.00264	.00370	-.04646	-.0020	.00021	2.5672

Sample Name: PB113201TB Acquired: 9/26/2018 12:04:13 Type: Unk
Method: P4-ICP2(v2461) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.1051
Stddev .0154
%RSD .72973

#1 2.1159
#2 2.0942

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1968.6	34462.	4172.5	99.499	2772.8
Stddev	6.4	100.	49.0	1.304	9.4
%RSD	.32310	.29055	1.1733	1.3104	.33846

#1	1964.1	34391.	4137.9	100.42	2766.2
#2	1973.1	34533.	4207.1	98.577	2779.4

Sample Name: J5056-02 Acquired: 9/26/2018 12:08:26 Type: Unk
Method: P4-ICP2(v2461) 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	-.00054	-.00130	.00279	.00702	.00006	.04502	.06771	.00003
Stddev	.00421	.00056	.00027	.00151	.00190	.00463	.00114	.00013
%RSD	775.57	42.950	9.7895	21.579	2977.7	10.284	1.6762	440.84

#1	-.00352	-.00091	.00260	.00809	.00141	.04830	.06852	-.00006
#2	.00243	-.00170	.00299	.00595	-.00128	.04175	.06691	.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	26.807	.00471	.00009	.00158	.83529	.08562	4.1281
Stddev	.00007	.028	.00021	.00001	.00040	.02106	.00042	.0783
%RSD	83.454	.10511	4.3862	11.050	25.534	2.5212	.48513	1.8962

#1	-.00014	26.788	.00486	.00008	.00129	.82040	.08591	4.1835
#2	-.00004	26.827	.00456	.00009	.00187	.85018	.08533	4.0728

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00152	-.00099	32.638	.00014	.02037	3.1886	.00031	.18339
Stddev	.00004	.00063	.046	.00072	.00029	.0156	.00041	.00150
%RSD	2.8224	63.616	.13975	495.97	1.4027	.48888	134.07	.81821

#1	.00149	-.00143	32.670	-.00036	.02057	3.1996	.00060	.18232
#2	.00156	-.00054	32.605	.00065	.02017	3.1775	.00002	.18445

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.87017	2.7653	.00247	.00200	.10698	.0285	.15677	5.3125
Stddev	.00302	.0003	.00051	.00208	.00855	.0022	.00001	.0769
%RSD	.34687	.00927	20.726	104.04	7.9874	7.773	.00514	1.4476

#1	.86803	2.7655	.00210	.00053	.11303	.0269	.15676	5.2581
#2	.87230	2.7651	.00283	.00348	.10094	.0300	.15678	5.3669

Sample Name: J5056-02 Acquired: 9/26/2018 12:08:26 Type: Unk
 Method: P4-ICP2(v2461) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.7420
 Stddev .1466
 %RSD 8.4182

#1 1.6383
 #2 1.8457

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1761.9	30415.	3426.6	84.941	2549.5
Stddev	11.7	122.	1.3	.568	15.2
%RSD	.66184	.40102	.03705	.66833	.59572

#1	1770.2	30329.	3427.5	84.540	2560.2
#2	1753.7	30501.	3425.7	85.343	2538.8

Sample Name: J5056-02DUP Acquired: 9/26/2018 12:12:31 Type: Unk
Method: P4-ICP2(v2461) 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	.00340	-.00071	.00186	.00131	-.00181	.04423	.05833	.00004
Stddev	.00407	.00068	.00058	.00099	.00131	.00568	.00044	.00000
%RSD	119.62	95.657	30.889	75.723	72.226	12.834	.75691	4.6230

#1	.00052	-.00023	.00146	.00061	-.00274	.04824	.05802	.00004
#2	.00628	-.00119	.00227	.00200	-.00089	.04022	.05864	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	23.454	.00391	-.00013	.00060	.75389	.07576	3.5599
Stddev	.00001	.007	.00005	.00021	.00096	.00114	.00064	.0404
%RSD	22.960	.03044	1.3655	159.09	160.71	.15133	.83942	1.1345

#1	-.00005	23.459	.00395	-.00028	-.00008	.75309	.07531	3.5314
#2	-.00004	23.449	.00387	.00002	.00128	.75470	.07621	3.5885

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00307	-.00006	28.525	.00013	.01771	2.8103	.00033	.15231
Stddev	.00027	.00030	.080	.00061	.00013	.0044	.00019	.00444
%RSD	8.7241	539.52	.28031	479.79	.74952	.15796	57.026	2.9172

#1	.00326	-.00027	28.469	-.00031	.01762	2.8135	.00019	.15545
#2	.00288	.00016	28.582	.00056	.01780	2.8072	.00046	.14916

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.79329	2.3623	.00177	.00410	.07850	.0241	.13888	2.3932
Stddev	.00448	.0302	.00077	.00233	.00271	.0007	.00032	.2344
%RSD	.56431	1.2805	43.653	56.723	3.4535	3.020	.23364	9.7943

#1	.79013	2.3409	.00232	.00246	.08042	.0236	.13911	2.5590
#2	.79646	2.3837	.00122	.00575	.07658	.0246	.13865	2.2275

Sample Name: J5056-02DUP Acquired: 9/26/2018 12:12:31 Type: Unk
Method: P4-ICP2(v2461) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.5526
Stddev .0618
%RSD 3.9830

#1 1.5089
#2 1.5963

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1990.3	34795.	4103.7	98.713	2910.0
Stddev	.3	34.	9.4	.001	1.4
%RSD	.01516	.09788	.22852	.00057	.04950

#1	1990.1	34771.	4110.3	98.713	2911.0
#2	1990.5	34819.	4097.1	98.713	2909.0

Sample Name: J5056-02LX5 Acquired: 9/26/2018 12:16:34 Type: Unk
Method: P4-ICP2(v2461) 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	.00278	-.00104	.00046	.00308	-.00152	.01001	.01289	.00006
Stddev	.00229	.00073	.00082	.00146	.00051	.01572	.00017	.00001
%RSD	82.537	70.768	177.53	47.387	33.292	157.06	1.2829	20.360

#1	.00440	-.00052	.00104	.00205	-.00117	.02112	.01301	.00005
#2	.00116	-.00156	-.00012	.00412	-.00188	-.00111	.01277	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	5.0958	.01179	.00021	-.00039	.21323	.01785	.72755
Stddev	.00001	.0160	.00048	.00014	.00015	.00054	.00012	.00085
%RSD	23.884	.31457	4.1048	67.797	39.193	.25315	.66033	.11744

#1	.00004	5.0844	.01213	.00031	-.00028	.21285	.01794	.72815
#2	.00003	5.1071	.01145	.00011	-.00049	.21361	.01777	.72694

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00854	-.00074	6.0454	-.00044	.00357	.62160	.00132	.02669
Stddev	.00008	.00040	.0274	.00014	.00013	.03713	.00004	.00327
%RSD	.90149	54.026	.45269	31.461	3.5853	5.9738	3.3526	12.243

#1	.00859	-.00046	6.0648	-.00034	.00348	.59534	.00135	.02438
#2	.00848	-.00102	6.0261	-.00053	.00367	.64785	.00129	.02901

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16144	.51970	-.00035	.00190	-.00506	.0048	.03019	2.1586
Stddev	.00510	.00968	.00068	.00063	.00119	.0008	.00009	.0823
%RSD	3.1586	1.8634	193.19	33.027	23.440	17.23	.30215	3.8142

#1	.15783	.52655	-.00084	.00146	-.00422	.0042	.03012	2.1004
#2	.16505	.51286	.00013	.00235	-.00589	.0054	.03025	2.2168

Sample Name: J5056-02LX5 Acquired: 9/26/2018 12:16:34 Type: Unk
Method: P4-ICP2(v2461) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.2168
Stddev	.0275
%RSD	2.2589

#1	1.1973
#2	1.2362

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2006.0	35072.	4041.7	99.997	3005.6
Stddev	3.1	103.	4.6	.129	8.2
%RSD	.15249	.29397	.11466	.12890	.27436

#1	2003.8	34999.	4045.0	100.09	2999.8
#2	2008.2	35145.	4038.4	99.906	3011.5

Sample Name: J5056-02MS Acquired: 9/26/2018 12:20:36 Type: Unk
Method: P4-ICP2(v2461) 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	.72891	1.7974	.87099	1.9098	.67332	1.7203	.23072	.17389	.17529
Stddev	.01409	.0208	.01378	.0246	.01086	.0109	.00028	.00039	.00238
%RSD	1.9327	1.1594	1.5819	1.2866	1.6127	.63250	.12090	.22355	1.3598

#1	.71895	1.7826	.86125	1.8925	.66564	1.7126	.23091	.17362	.17360
#2	.73887	1.8121	.88073	1.9272	.68100	1.7280	.23052	.17417	.17697

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.201	.34004	.16706	.25056	3.0999	.24948	5.2292	.42262	.06099
Stddev	.029	.00018	.00242	.00455	.0267	.00085	.0044	.00615	.00021
%RSD	.11859	.05388	1.4467	1.8157	.85961	.34186	.08474	1.4561	.33997

#1	24.181	.34017	.16535	.24734	3.1187	.24887	5.2323	.41827	.06084
#2	24.222	.33991	.16877	.25377	3.0810	.25008	5.2261	.42697	.06113

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	31.258	.26180	.19239	11.442	.35119	.41171	.76948	3.1406	.57932
Stddev	.038	.00167	.00170	.016	.00744	.00237	.00147	.0063	.00847
%RSD	.12160	.63806	.88416	.13954	2.1191	.57651	.19110	.20196	1.4624

#1	31.285	.26062	.19119	11.431	.34593	.41003	.76844	3.1451	.57333
#2	31.231	.26298	.19360	11.453	.35646	.41338	.77052	3.1362	.58531

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17218	1.6251	4.987	.29997	2.7042	1.4077
Stddev	.00036	.0077	.058	.00056	.1239	.0307
%RSD	.20940	.47652	1.169	.18570	4.5833	2.1792

#1	.17243	1.6306	4.946	.30037	2.7918	1.3860
#2	.17192	1.6197	5.029	.29958	2.6165	1.4294

Sample Name: J5056-02MS Acquired: 9/26/2018 12:20:36 Type: Unk
Method: P4-ICP2(v2461) 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	1986.6	34558.	4013.0	100.31	2871.6
Stddev	10.2	79.	20.4	.99	18.0
%RSD	.51217	.22778	.50926	.98411	.62597
#1	1979.4	34502.	3998.6	99.609	2858.9
#2	1993.8	34614.	4027.5	101.01	2884.4

Sample Name: J5056-02MSD Acquired: 9/26/2018 12:24:26 Type: Unk
Method: P4-ICP2(v2461) 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	.79335	1.9239	.94251	2.0582	.73674	1.8813	.24960	.19048	.18961
Stddev	.00746	.0045	.00606	.0047	.00047	.0070	.00027	.00077	.00150
%RSD	.94037	.23497	.64349	.22999	.06403	.37241	.10970	.40389	.79180

#1	.78807	1.9207	.93822	2.0548	.73641	1.8763	.24980	.18994	.18855
#2	.79862	1.9271	.94680	2.0615	.73708	1.8862	.24941	.19103	.19067

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.955	.37151	.17972	.27001	3.3827	.26776	5.5675	.45813	.06678
Stddev	.003	.00137	.00063	.00292	.0697	.00069	.0381	.00340	.00054
%RSD	.01022	.36845	.35094	1.0808	2.0597	.25901	.68425	.74210	.80416

#1	24.953	.37248	.17927	.26795	3.3334	.26727	5.5405	.45573	.06640
#2	24.956	.37054	.18016	.27208	3.4319	.26825	5.5944	.46053	.06716

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	32.520	.28293	.20838	12.366	.38185	.44223	.79808	3.2880	.63140
Stddev	.019	.00111	.00522	.034	.00352	.00106	.00364	.0114	.00261
%RSD	.05767	.39345	2.5035	.27730	.92192	.23863	.45646	.34670	.41266

#1	32.533	.28214	.20469	12.342	.37936	.44298	.79550	3.2961	.62956
#2	32.506	.28371	.21207	12.390	.38434	.44149	.80065	3.2800	.63324

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19034	1.7949	5.399	.32194	2.8826	1.3209
Stddev	.00037	.0117	.010	.00067	.1533	.4257
%RSD	.19435	.64946	.1885	.20720	5.3163	32.231

#1	.19060	1.8031	5.392	.32242	2.7743	1.0199
#2	.19007	1.7866	5.407	.32147	2.9910	1.6219

Sample Name: J5056-02MSD Acquired: 9/26/2018 12:24:26 Type: Unk
Method: P4-ICP2(v2461) 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	1984.4	34577.	4002.8	99.403	2867.0
Stddev	5.0	69.	10.9	2.050	4.7
%RSD	.24976	.19914	.27210	2.0621	.16473
#1	1987.9	34528.	3995.1	100.85	2870.4
#2	1980.9	34625.	4010.5	97.954	2863.7

Sample Name: J5056-02A Acquired: 9/26/2018 12:28:16 Type: Unk
Method: P4-ICP2(v2461) 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	.80323	1.9539	.95169	2.0931	.74913	1.9550	.25730	.19575	.19198
Stddev	.00168	.0084	.00009	.0036	.00134	.0010	.00057	.00059	.00112
%RSD	.20974	.42896	.00943	.17344	.17873	.05379	.21996	.29903	.58245

#1	.80442	1.9598	.95176	2.0956	.75008	1.9543	.25770	.19533	.19277
#2	.80204	1.9480	.95163	2.0905	.74818	1.9558	.25690	.19616	.19118

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.287	.38029	.18154	.27399	3.4701	.27349	5.7211	.46289	.06889
Stddev	.177	.00080	.00027	.00050	.0529	.00044	.0104	.00069	.00154
%RSD	.70119	.20960	.14668	.18403	1.5254	.16059	.18191	.14841	2.2380

#1	25.413	.37972	.18173	.27435	3.5075	.27380	5.7137	.46337	.06998
#2	25.162	.38085	.18135	.27364	3.4326	.27318	5.7284	.46240	.06780

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	32.710	.29182	.20896	12.782	.38869	.46646	.79564	3.3286	.64068
Stddev	.272	.00098	.00137	.081	.00048	.01155	.00985	.0343	.00188
%RSD	.83111	.33613	.65345	.63556	.12283	2.4760	1.2380	1.0309	.29414

#1	32.902	.29252	.20993	12.840	.38903	.47463	.80261	3.3529	.64202
#2	32.518	.29113	.20800	12.725	.38835	.45830	.78868	3.3043	.63935

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19804	1.8454	5.474	.32714	2.7380	1.9639
Stddev	.00047	.0000	.005	.00278	.0634	.3077
%RSD	.23869	.00007	.0889	.85126	2.3169	15.670

#1	.19838	1.8454	5.471	.32911	2.6932	1.7463
#2	.19771	1.8454	5.478	.32517	2.7829	2.1815

Sample Name: J5056-02A Acquired: 9/26/2018 12:28:16 Type: Unk
Method: P4-ICP2(v2461) 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	1978.6	34518.	4025.4	100.33	2866.1
Stddev	16.1	23.	28.8	1.35	26.6
%RSD	.81402	.06626	.71552	1.3462	.92967
#1	1967.2	34535.	4005.0	99.370	2847.3
#2	1990.0	34502.	4045.8	101.28	2885.0

Sample Name: PB113183BL Acquired: 9/26/2018 12:32:06 Type: Unk
Method: P4-ICP2(v2461) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00125	-.00222	-.00135	.00095	.00050	-.00299	.00033
Stddev	.00017	.00080	.00070	.00178	.00042	.00374	.00019
%RSD	13.967	35.907	51.632	187.19	84.141	125.21	58.241

#1	.00137	-.00278	-.00185	.00221	.00080	-.00034	.00047
#2	.00112	-.00165	-.00086	-.00031	.00020	-.00563	.00020

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.00012	-.02231	-.00000	.00006	-.00054	.00612
Stddev	.00012	.00008	.00003	.00019	.00001	.00002	.01199
%RSD	241.98	67.925	.15625	6941.4	11.882	3.9043	196.01

#1	.00013	.00006	-.02233	-.00014	.00007	-.00055	-.00236
#2	-.00003	.00017	-.02228	.00013	.00006	-.00052	.01459

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	-.08052	.00096	-.00080	-.25652	-.00045	-.00041
Stddev	.00002	.04826	.00060	.00040	.00571	.00044	.00006
%RSD	56.049	59.939	62.842	50.082	2.2252	97.860	14.466

#1	-.00002	-.11465	.00053	-.00052	-.25248	-.00077	-.00037
#2	-.00005	-.04639	.00138	-.00109	-.26056	-.00014	-.00046

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03621	-.00019	-.00537	-.00462	-.00331	.00054	.00244
Stddev	.02136	.00005	.00310	.00221	.00078	.00020	.00030
%RSD	58.974	24.332	57.658	47.778	23.730	35.873	12.152

#1	.02111	-.00022	-.00756	-.00306	-.00386	.00041	.00223
#2	.05132	-.00015	-.00318	-.00618	-.00275	.00068	.00265

Sample Name: PB113183BL Acquired: 9/26/2018 12:32:06 Type: Unk
Method: P4-ICP2(v2461) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.03026	-.0013	.00008	F 2.0641	F .70525
Stddev	.00522	.0008	.00002	.0045	.05225
%RSD	17.264	58.72	29.264	.21723	7.4088

#1	-.03395	-.0008	.00010	2.0673	.74219
#2	-.02656	-.0019	.00007	2.0609	.66830

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2018.8	35253.	4014.7	98.594	3061.0
Stddev	12.5	102.	29.4	.132	20.1
%RSD	.62024	.29055	.73325	.13420	.65584

#1	2009.9	35181.	3993.9	98.500	3046.8
#2	2027.6	35326.	4035.5	98.687	3075.2

Sample Name: PB113201BS Acquired: 9/26/2018 12:36:11 Type: Unk
Method: P4-ICP2(v2461) 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	.72214	1.8209	.88342	1.8610	.68774	1.7276	.18195
Stddev	.00589	.0021	.00276	.0010	.00094	.0043	.00001
%RSD	.81519	.11547	.31296	.05537	.13700	.25168	.00635

#1	.72630	1.8194	.88147	1.8617	.68840	1.7306	.18195
#2	.71798	1.8224	.88538	1.8602	.68707	1.7245	.18194

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17673	.17618	.88906	.35459	.16774	.25810	2.5907
Stddev	.00036	.00005	.01199	.00004	.00041	.00030	.0589
%RSD	.20479	.02800	1.3486	.01197	.24682	.11688	2.2737

#1	.17647	.17615	.88058	.35456	.16745	.25789	2.6323
#2	.17698	.17622	.89754	.35462	.16804	.25831	2.5490

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18650	1.7280	.43073	.06353	2.4457	.26461	.18239
Stddev	.00025	.0012	.00089	.00004	.0016	.00099	.00379
%RSD	.13632	.06933	.20765	.06029	.06600	.37554	2.0787

#1	.18632	1.7272	.43010	.06351	2.4445	.26391	.18507
#2	.18668	1.7289	.43136	.06356	2.4468	.26532	.17971

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.0887	.35720	.27255	F -.00920	.80618	.58098	.18276
Stddev	.0140	.00015	.00495	.00140	.00649	.00426	.00072
%RSD	.15386	.04078	1.8159	15.239	.80466	.73245	.39559

#1	9.0788	.35709	.27605	-.01019	.80159	.57797	.18327
#2	9.0986	.35730	.26905	-.00821	.81077	.58399	.18225

Sample Name: PB113201BS Acquired: 9/26/2018 12:36:11 Type: Unk
Method: P4-ICP2(v2461) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F 1.5985	F 4.740	.17448	F 2.8062	F 1.0145
Stddev	.0011	.000	.00048	.2177	.1067
%RSD	.06991	.0091	.27404	7.7576	10.521

#1	1.5977	4.740	.17415	2.6522	.93899
#2	1.5993	4.739	.17482	2.9601	1.0899

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2031.6	35428.	4024.1	100.27	3016.6
Stddev	8.7	113.	15.6	2.36	12.4
%RSD	.42673	.31865	.38754	2.3554	.41195

#1	2025.5	35348.	4035.1	98.602	3007.8
#2	2037.7	35508.	4013.1	101.94	3025.3

Sample Name: CCV02 Acquired: 9/26/2018 12:52:24 Type: Unk
Method: P4-ICP2(v2461) 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	4.9886	4.9199	4.9247	5.0571	5.0022	10.271	10.155
Stddev	.0063	.0055	.0016	.0264	.0099	.044	.077
%RSD	.12718	.11114	.03322	.52196	.19772	.43173	.75362

#1	4.9931	4.9160	4.9235	5.0758	5.0092	10.239	10.209
#2	4.9841	4.9237	4.9258	5.0384	4.9952	10.302	10.101

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25243	2.4568	25.195	.96955	2.4534	1.2190	4.9426
Stddev	.00006	.0013	.054	.00735	.0014	.0043	.0223
%RSD	.02281	.05069	.21397	.75833	.05869	.35117	.45203

#1	.25247	2.4577	25.233	.96436	2.4524	1.2221	4.9268
#2	.25239	2.4559	25.157	.97475	2.4544	1.2160	4.9584

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5349	25.146	2.4591	1.2418	25.067	2.5008	2.5684
Stddev	.0022	.017	.0019	.0034	.130	.0003	.0150
%RSD	.08467	.06734	.07926	.27744	.51791	.01221	.58235

#1	2.5334	25.134	2.4604	1.2394	25.159	2.5005	2.5578
#2	2.5365	25.158	2.4577	1.2443	24.975	2.5010	2.5789

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.479	5.0511	5.1769	4.9584	4.9063	4.8889	5.0262
Stddev	.078	.0135	.0430	.0128	.0199	.0144	.0040
%RSD	.30492	.26653	.83106	.25903	.40460	.29558	.07998

#1	25.534	5.0606	5.1464	4.9674	4.9204	4.8992	5.0290
#2	25.424	5.0416	5.2073	4.9493	4.8923	4.8787	5.0233

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	4.7446	5.021	4.9980	F 3.0794	F 3.4891
Stddev	.0120	.001	.0651	.0152	.1603
%RSD	.25330	.0104	1.3025	.49216	4.5945

#1	4.7361	5.021	5.0440	3.0901	3.6024
#2	4.7531	5.021	4.9520	3.0687	3.3757

Sample Name: CCV02 Acquired: 9/26/2018 12:52:24 Type: Unk
Method: P4-ICP2(v2461) 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	1957.9	34249.	4030.7	95.240	2731.6
Stddev	9.4	35.	18.0	.345	7.9
%RSD	.47789	.10161	.44698	.36187	.28937
#1	1951.3	34224.	4018.0	95.483	2726.0
#2	1964.5	34273.	4043.5	94.996	2737.2

Sample Name: CCB02 Acquired: 9/26/2018 12:56:11 Type: Unk
Method: P4-ICP2(v2461) 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	.00214	.00137	-.00080	.00139	-.00058	-.00509	-.00029
Stddev	.00263	.00110	.00010	.00038	.00311	.00471	.00055
%RSD	122.87	80.260	12.835	27.402	535.33	92.597	192.05

#1	.00399	.00216	-.00087	.00166	.00162	-.00842	-.00068
#2	.00028	.00059	-.00072	.00112	-.00278	-.00176	.00010

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	.00001	-.00422	-.00024	-.00012	-.00028	-.00118
Stddev	.00007	.00012	.00279	.00043	.00008	.00011	.01012
%RSD	3134.4	2147.2	66.004	175.67	66.143	37.660	855.54

#1	-.00005	-.00008	-.00619	.00006	-.00017	-.00036	.00597
#2	.00005	.00009	-.00225	-.00054	-.00006	-.00021	-.00834

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	-.03614	.00064	-.00046	-.27367	-.00043	-.00043
Stddev	.00001	.04746	.00005	.00037	.00105	.00055	.00010
%RSD	11.850	131.33	8.5585	80.078	.38396	126.66	23.709

#1	-.00008	-.06970	.00060	-.00020	-.27441	-.00005	-.00036
#2	-.00006	-.00258	.00067	-.00072	-.27293	-.00082	-.00051

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00916	-.00003	.00467	-.00504	.00044	-.00069	.00218
Stddev	.02919	.00012	.02089	.00134	.00109	.00022	.00284
%RSD	318.56	456.23	447.04	26.551	249.13	31.675	130.32

#1	-.01148	.00006	.01945	-.00599	-.00033	-.00053	.00418
#2	.02980	-.00011	-.01010	-.00409	.00120	-.00084	.00017

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	F -.04728	-.0020	.00008	F 2.4282	F .61048		
Stddev	.00053	.0002	.00001	.1788	.23760		
%RSD	1.1203	9.484	12.117	7.3631	38.920		

#1	-.04765	-.0022	.00008	2.5546	.44247		
#2	-.04690	-.0019	.00007	2.3018	.77849		

Sample Name: CCB02 Acquired: 9/26/2018 12:56:11 Type: Unk
Method: P4-ICP2(v2461) 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	2023.5	35479.	4071.9	99.032	3065.9
Stddev	11.4	64.	15.6	1.946	14.6
%RSD	.56515	.17936	.38409	1.9652	.47627
#1	2015.4	35524.	4060.9	97.656	3055.6
#2	2031.5	35434.	4083.0	100.41	3076.2

Sample Name: PB113183BS Acquired: 9/26/2018 13:00:15 Type: Unk
Method: P4-ICP2(v2461) 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	.73040	1.8482	.89693	1.8850	.69855	1.7726	.18579
Stddev	.00212	.0067	.00090	.0023	.00186	.0418	.00006
%RSD	.28968	.36244	.09979	.12304	.26579	2.3592	.02991

#1	.73189	1.8529	.89756	1.8867	.69986	1.8022	.18575
#2	.72890	1.8435	.89630	1.8834	.69723	1.7430	.18582

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18050	.17858	.90558	.36020	.17010	.26039	2.5836
Stddev	.00033	.00013	.01363	.00116	.00005	.00083	.0138
%RSD	.18493	.07118	1.5051	.32098	.02755	.31781	.53530

#1	.18027	.17867	.91521	.36102	.17007	.25981	2.5738
#2	.18074	.17849	.89594	.35938	.17014	.26098	2.5933

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18932	1.8106	.43613	.06382	2.4539	.26879	.18103
Stddev	.00019	.0302	.00035	.00034	.0081	.00018	.00155
%RSD	.10285	1.6694	.07949	.53627	.33030	.06680	.85359

#1	.18918	1.8320	.43638	.06406	2.4596	.26866	.17993
#2	.18946	1.7892	.43589	.06358	2.4482	.26892	.18212

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.1838	.36321	.27001	F -.00734	.81245	.58881	.18395
Stddev	.0149	.00055	.01039	.00146	.01286	.00233	.00133
%RSD	.16192	.15139	3.8491	19.812	1.5829	.39614	.72136

#1	9.1943	.36360	.26266	-.00632	.80335	.59046	.18301
#2	9.1732	.36282	.27735	-.00837	.82154	.58716	.18489

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	F 1.6170	4.816	.17714	F 2.8945	.74401		
Stddev	.0201	.007	.00065	.1487	.29465		
%RSD	1.2444	.1435	.36618	5.1374	39.603		

#1	1.6312	4.821	.17760	2.9997	.95236		
#2	1.6028	4.811	.17668	2.7894	.53566		

Sample Name: PB113183BS Acquired: 9/26/2018 13:00:15 Type: Unk
Method: P4-ICP2(v2461) 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	2009.4	35160.	4030.4	101.13	2981.7
Stddev	4.9	117.	39.3	.63	10.0
%RSD	.24285	.33217	.97563	.62133	.33411
#1	2006.0	35078.	4058.2	101.58	2974.6
#2	2012.9	35243.	4002.6	100.69	2988.7

Sample Name: J5070-10 Acquired: 9/26/2018 13:07:51 Type: Unk
Method: P4-ICP2(v2461) 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	.17105	-.00594	.30357	-.02919	.00079	71.424	.25934
Stddev	.00053	.00042	.00159	.00256	.00026	.200	.00043
%RSD	.30934	7.0297	.52397	8.7552	33.109	.28017	.16437

#1	.17142	-.00565	.30244	-.03100	.00098	71.282	.25904
#2	.17067	-.00624	.30469	-.02739	.00061	71.565	.25964

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00350	.00497	7.8531	.49801	.01763	.04307	224.98
Stddev	.00010	.00023	.0283	.00359	.00013	.00097	1.94
%RSD	2.9636	4.5488	.35992	.72069	.72789	2.2588	.86313

#1	.00357	.00481	7.8331	.50055	.01772	.04238	226.35
#2	.00343	.00513	7.8731	.49547	.01754	.04375	223.61

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49400	6.1399	.03761	-.00359	2.4660	.62419	1.3744
Stddev	.00154	.1018	.00031	.00057	.0062	.00161	.0074
%RSD	.31096	1.6584	.81723	15.816	.25030	.25731	.53938

#1	.49291	6.0679	.03783	-.00399	2.4703	.62533	1.3797
#2	.49508	6.2119	.03739	-.00319	2.4616	.62306	1.3692

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.143	.00274	.18453	.47956	1.2967	.01810	.46796
Stddev	.018	.00005	.00275	.00111	.0028	.00102	.00062
%RSD	.17593	1.9952	1.4900	.23141	.21327	5.6581	.13184

#1	10.131	.00278	.18647	.47878	1.2987	.01883	.46752
#2	10.156	.00270	.18259	.48035	1.2948	.01738	.46840

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.15980	4.473	.05494	F<.00000	24.326
Stddev	.00612	.006	.00030	.41455	.482
%RSD	3.8286	.1404	.55454	1.8097	1.9825

#1	.15548	4.478	.05516	-23.200	24.667
#2	.16413	4.469	.05473	-22.614	23.985

Sample Name: J5070-10 Acquired: 9/26/2018 13:07:51 Type: Unk
Method: P4-ICP2(v2461) 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	2265.4	39830.	4791.4	100.25	2809.8
Stddev	3.6	110.	17.8	.75	5.6
%RSD	.15678	.27522	.37170	.74387	.19948
#1	2267.9	39908.	4804.0	99.726	2813.8
#2	2262.9	39753.	4778.8	100.78	2805.9

Sample Name: J5070-10DUP Acquired: 9/26/2018 13:15:59 Type: Unk
Method: P4-ICP2(v2461) 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	.11635	-.00416	.41238	-.02201	.00049	65.624	.25120
Stddev	.00513	.00034	.00186	.00686	.00256	.093	.00011
%RSD	4.4088	8.0841	.45073	31.181	523.76	.14101	.04260

#1	.11272	-.00392	.41369	-.02687	-.00132	65.689	.25113
#2	.11997	-.00439	.41106	-.01716	.00230	65.558	.25128

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00249	.00387	7.5687	.41632	.01621	.05628	180.51
Stddev	.00006	.00012	.0201	.00119	.00000	.00077	1.47
%RSD	2.4561	3.1545	.26518	.28602	.00807	1.3716	.81286

#1	.00245	.00396	7.5545	.41716	.01621	.05683	179.47
#2	.00253	.00378	7.5829	.41548	.01621	.05574	181.55

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.57693	6.5496	.04089	-.00305	2.2785	.46549	.92847
Stddev	.00136	.0455	.00081	.00013	.0047	.00084	.00846
%RSD	.23522	.69425	1.9720	4.1569	.20856	.17939	.91077

#1	.57789	6.5175	.04032	-.00296	2.2818	.46490	.92249
#2	.57597	6.5818	.04146	-.00314	2.2751	.46608	.93445

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.0623	.00279	.16351	.48487	1.2420	.01131	.44996
Stddev	.0372	.00002	.00353	.00123	.0111	.00071	.00054
%RSD	.41095	.58697	2.1573	.25368	.88986	6.2609	.12042

#1	9.0360	.00278	.16102	.48573	1.2342	.01181	.45034
#2	9.0887	.00280	.16601	.48400	1.2498	.01081	.44958

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19074	3.706	.05015	F<.00000	22.383
Stddev	.00827	.006	.00031	.56878	.517
%RSD	4.3345	.1623	.62476	3.4345	2.3095

#1	.18490	3.711	.05037	-16.159	22.748
#2	.19659	3.702	.04993	-16.963	22.017

Sample Name: J5070-10DUP Acquired: 9/26/2018 13:15:59 Type: Unk
Method: P4-ICP2(v2461) 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	2182.1	38253.	4646.9	99.236	2815.6
Stddev	5.4	107.	11.4	.529	1.5
%RSD	.24561	.28055	.24495	.53334	.05188
#1	2178.3	38177.	4655.0	99.610	2814.5
#2	2185.8	38329.	4638.9	98.861	2816.6

Sample Name: J5070-10LX5 Acquired: 9/26/2018 13:19:54 Type: Unk
Method: P4-ICP2(v2461) 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	.03430	.00017	.07390	-.00724	.00080	15.129	.05748
Stddev	.00100	.00259	.00136	.00026	.00150	.034	.00013
%RSD	2.9077	1552.4	1.8404	3.5454	187.61	.22287	.23440

#1	.03359	-.00167	.07294	-.00742	.00186	15.153	.05758
#2	.03500	.00200	.07486	-.00706	-.00026	15.105	.05739

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00041	.00047	1.7805	.10463	.00319	.01283	43.478
Stddev	.00011	.00009	.0229	.00065	.00017	.00066	.608
%RSD	25.867	18.831	1.2870	.62521	5.2194	5.1588	1.3979

#1	.00048	.00041	1.7643	.10417	.00331	.01236	43.908
#2	.00033	.00054	1.7967	.10509	.00307	.01329	43.048

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12383	1.4549	.00812	-.00154	.34233	.12236	.25713
Stddev	.00041	.0250	.00046	.00070	.01006	.00034	.00104
%RSD	.32768	1.7218	5.7044	45.626	2.9400	.28009	.40399

#1	.12354	1.4726	.00780	-.00105	.33521	.12211	.25787
#2	.12411	1.4372	.00845	-.00204	.34945	.12260	.25640

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1970	.00052	.04085	.09648	.31022	.00286	.10697
Stddev	.0035	.00005	.00786	.00204	.00596	.00026	.00081
%RSD	.16122	8.9739	19.235	2.1098	1.9219	9.1566	.75971

#1	2.1945	.00048	.03530	.09792	.30601	.00305	.10754
#2	2.1995	.00055	.04641	.09504	.31444	.00268	.10640

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	.01371	.8308	.01199	F<.00000	12.497		
Stddev	.00098	.0001	.00012	.25952	.388		
%RSD	7.1274	.0060	1.0372	11.799	3.1072		

#1	.01440	.8307	.01191	-2.0160	12.222		
#2	.01302	.8308	.01208	-2.3831	12.771		

Sample Name: J5070-10LX5 Acquired: 9/26/2018 13:19:54 Type: Unk
Method: P4-ICP2(v2461) 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	2069.7	36200.	4206.1	97.385	2974.7
Stddev	18.1	32.	3.9	1.182	19.0
%RSD	.87658	.08953	.09201	1.2134	.63913
#1	2056.9	36177.	4203.3	96.550	2961.3
#2	2082.5	36223.	4208.8	98.221	2988.2

Sample Name: J5070-10MS Acquired: 9/26/2018 13:38:55 Type: Unk
Method: P4-ICP2(v2461) 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	.78271	1.7535	1.2359	1.5719	.62240	69.888	.42104
Stddev	.00011	.0079	.0004	.0017	.00031	.015	.00172
%RSD	.01429	.45195	.03556	.10620	.05027	.02122	.40875

#1	.78263	1.7591	1.2362	1.5731	.62262	69.877	.41982
#2	.78279	1.7479	1.2356	1.5707	.62218	69.898	.42226

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15906	.18194	8.5485	.75117	.18851	.26898	198.97
Stddev	.00007	.00052	.0281	.00264	.00079	.00190	4.75
%RSD	.04335	.28644	.32922	.35090	.42088	.70605	2.3898

#1	.15911	.18231	8.5286	.74930	.18795	.27033	195.61
#2	.15901	.18157	8.5684	.75303	.18908	.26764	202.33

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.68793	7.8395	.46513	.05355	4.8131	.78033	1.2811
Stddev	.00116	.0175	.00044	.00086	.0003	.00049	.0336
%RSD	.16846	.22379	.09474	1.6062	.00686	.06233	2.6232

#1	.68711	7.8271	.46482	.05294	4.8133	.77999	1.2574
#2	.68875	7.8519	.46544	.05416	4.8129	.78068	1.3049

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.623	.32478	.39350	.48000	1.9671	.60059	.62461
Stddev	.158	.00011	.00430	.00175	.0155	.00264	.00293
%RSD	.89595	.03438	1.0935	.36410	.78557	.44001	.46872

#1	17.512	.32470	.39046	.47876	1.9562	.60246	.62668
#2	17.735	.32486	.39654	.48123	1.9780	.59872	.62254

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	1.6646	8.921	.20802	F<.00000	23.379		
Stddev	.0074	.017	.00069	.17153	.762		
%RSD	.44428	.1864	.33040	.89670	3.2592		

#1	1.6698	8.909	.20754	-19.251	22.840		
#2	1.6593	8.933	.20851	-19.008	23.918		

Sample Name: J5070-10MS Acquired: 9/26/2018 13:38:55 Type: Unk
Method: P4-ICP2(v2461) 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	2176.4	38540.	4603.0	100.93	2744.7
Stddev	3.2	3.	25.2	2.54	4.4
%RSD	.14646	.00657	.54758	2.5145	.16190
#1	2174.2	38542.	4620.8	102.73	2741.6
#2	2178.7	38538.	4585.2	99.138	2747.8

Sample Name: J5070-10MSD Acquired: 9/26/2018 13:42:45 Type: Unk
Method: P4-ICP2(v2461) 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	.78514	1.7368	1.2313	1.5769	.62385	69.594	.42203
Stddev	.00572	.0052	.0013	.0040	.00157	.472	.00087
%RSD	.72887	.29986	.10899	.25050	.25238	.67786	.20550

#1	.78109	1.7331	1.2323	1.5797	.62274	69.927	.42264
#2	.78919	1.7405	1.2304	1.5741	.62496	69.260	.42141

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15883	.18130	8.5323	.75175	.18840	.26827	204.48
Stddev	.00089	.00006	.0009	.00281	.00070	.00153	2.82
%RSD	.55941	.03046	.01014	.37376	.37133	.56939	1.3797

#1	.15946	.18126	8.5329	.75374	.18790	.26935	202.49
#2	.15821	.18134	8.5317	.74977	.18889	.26719	206.48

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.68662	7.9444	.46624	.05409	4.8128	.78004	1.3121
Stddev	.00261	.0172	.00239	.00002	.0354	.00037	.0173
%RSD	.38019	.21662	.51192	.03730	.73536	.04710	1.3177

#1	.68847	7.9322	.46793	.05407	4.8378	.78030	1.2999
#2	.68477	7.9566	.46456	.05410	4.7878	.77978	1.3243

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.585	.32565	.40770	.47589	1.9883	.60071	.62292
Stddev	.046	.00039	.00575	.00455	.0069	.00136	.00146
%RSD	.26387	.12019	1.4111	.95620	.34641	.22590	.23418

#1	17.618	.32593	.41177	.47911	1.9834	.59975	.62189
#2	17.552	.32538	.40364	.47267	1.9931	.60167	.62395

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	1.6581	8.927	.20820	F<.00000	23.323		
Stddev	.0047	.003	.00117	.27099	.799		
%RSD	.28393	.0361	.56337	1.3777	3.4265		

#1	1.6548	8.925	.20903	-19.478	23.888		
#2	1.6614	8.930	.20737	-19.861	22.758		

Sample Name: J5070-10MSD Acquired: 9/26/2018 13:42:45 Type: Unk
Method: P4-ICP2(v2461) 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	2181.6	38722.	4615.3	98.727	2753.8
Stddev	4.9	300.	13.2	1.017	3.2
%RSD	.22530	.77594	.28540	1.0298	.11578
#1	2178.1	38510.	4606.0	99.446	2751.5
#2	2185.1	38935.	4624.6	98.008	2756.0

Sample Name: J5070-10A Acquired: 9/26/2018 13:46:35 Type: Unk
Method: P4-ICP2(v2461) 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	.79272	1.7460	1.2217	1.5696	.61953	69.356	.42311
Stddev	.00865	.0056	.0034	.0063	.00240	.123	.00226
%RSD	1.0909	.32140	.27791	.40158	.38746	.17750	.53301

#1	.78661	1.7420	1.2193	1.5741	.62123	69.443	.42151
#2	.79884	1.7500	1.2241	1.5652	.61783	69.269	.42470

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15815	.18042	8.6524	.75422	.18678	.26758	204.35
Stddev	.00060	.00030	.0625	.00288	.00027	.00040	1.12
%RSD	.37994	.16531	.72215	.38144	.14326	.15080	.54874

#1	.15857	.18021	8.6082	.75625	.18659	.26730	205.14
#2	.15772	.18063	8.6965	.75219	.18697	.26787	203.55

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.68484	7.9745	.46180	.05352	4.8110	.78126	1.3102
Stddev	.00156	.1506	.00167	.00010	.0095	.00049	.0091
%RSD	.22841	1.8885	.36247	.18564	.19814	.06323	.69112

#1	.68595	7.8680	.46298	.05345	4.8042	.78161	1.3166
#2	.68374	8.0810	.46061	.05359	4.8177	.78091	1.3038

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.668	.32439	.41010	.46955	1.9960	.60144	.62543
Stddev	.082	.00017	.00781	.00085	.0189	.00220	.00123
%RSD	.46538	.05215	1.9036	.18083	.94647	.36529	.19592

#1	17.610	.32451	.41562	.46895	1.9827	.60299	.62456
#2	17.726	.32427	.40458	.47015	2.0094	.59989	.62629

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	1.6572	8.887	.20915	F<.00000	23.272		
Stddev	.0014	.021	.00075	.27034	.480		
%RSD	.08774	.2314	.35916	1.3719	2.0623		

#1	1.6562	8.902	.20862	-19.897	23.612		
#2	1.6582	8.873	.20968	-19.514	22.933		

Sample Name: J5070-10A Acquired: 9/26/2018 13:46:35 Type: Unk
Method: P4-ICP2(v2461) 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	2189.7	38798.	4573.9	98.736	2771.0
Stddev	2.9	107.	24.6	.599	2.3
%RSD	.13459	.27668	.53737	.60688	.08306
#1	2191.8	38722.	4591.2	98.313	2772.6
#2	2187.6	38874.	4556.5	99.160	2769.4

Sample Name: PB113196BL Acquired: 9/26/2018 13:50:25 Type: Unk
Method: P4-ICP2(v2461) 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	-.00114	.00045	-.00015	-.00031	.00039	-.01095	-.00084
Stddev	.00022	.00145	.00003	.00332	.00064	.00313	.00014
%RSD	19.213	319.98	17.383	1065.3	164.31	28.609	16.154

#1	-.00130	.00147	-.00017	-.00266	.00084	-.01317	-.00074
#2	-.00099	-.00057	-.00013	.00204	-.00006	-.00874	-.00094

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.00001	-.01676	.00034	-.00011	-.00069	-.00208
Stddev	.00003	.00006	.02008	.00003	.00020	.00047	.00248
%RSD	98.067	494.03	119.79	8.4792	182.66	68.769	119.34

#1	-.00004	-.00005	-.03096	.00032	.00003	-.00035	-.00384
#2	-.00001	.00003	-.00256	.00037	-.00025	-.00102	-.00032

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	-.01912	.00092	-.00015	-.27333	-.00070	-.00044
Stddev	.00006	.00591	.00015	.00040	.00489	.00049	.00002
%RSD	119.13	30.899	16.193	268.89	1.7904	70.590	4.9215

#1	-.00001	-.01494	.00103	.00013	-.26986	-.00035	-.00046
#2	-.00009	-.02330	.00082	-.00043	-.27679	-.00105	-.00043

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01665	-.00026	-.00407	-.00331	-.00801	-.00035	.00423
Stddev	.05797	.00014	.00587	.00384	.00032	.00041	.00225
%RSD	348.26	55.677	144.07	116.08	3.9450	118.01	53.254

#1	-.02435	-.00036	-.00822	-.00602	-.00824	-.00006	.00582
#2	.05764	-.00016	.00008	-.00059	-.00779	-.00064	.00264

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	F -.04109	-.0028	.00011	F 1.8349	F .84382		
Stddev	.00416	.0003	.00002	.1340	.35198		
%RSD	10.125	12.59	14.290	7.3006	41.713		

#1	-.04403	-.0030	.00010	1.9296	1.0927		
#2	-.03814	-.0025	.00013	1.7402	.59493		

Sample Name: PB113196BL Acquired: 9/26/2018 13:50:25 Type: Unk
Method: P4-ICP2(v2461) 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	2031.1	35854.	4095.9	100.25	3089.1
Stddev	.7	48.	14.8	.38	1.5
%RSD	.03322	.13382	.36222	.37831	.04878
#1	2030.7	35888.	4085.4	99.983	3088.0
#2	2031.6	35820.	4106.4	100.52	3090.2

Sample Name: PB113196BS Acquired: 9/26/2018 13:54:31 Type: Unk
Method: P4-ICP2(v2461) 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	.73053	1.8475	.90231	1.9113	.70591	1.7571	.18562
Stddev	.00568	.0037	.00101	.0052	.00063	.0121	.00063
%RSD	.77741	.19839	.11221	.27144	.08912	.69085	.33713

#1	.72651	1.8501	.90302	1.9150	.70636	1.7485	.18518
#2	.73454	1.8449	.90159	1.9077	.70547	1.7657	.18606

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18020	.17902	.92798	.34816	.17121	.26261	2.6112
Stddev	.00003	.00039	.00781	.00023	.00027	.00038	.0199
%RSD	.01466	.21644	.84159	.06568	.15493	.14476	.76311

#1	.18022	.17929	.93350	.34800	.17140	.26288	2.5971
#2	.18018	.17875	.92245	.34833	.17102	.26234	2.6253

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18823	1.7924	.43176	.06536	2.4700	.27459	.18704
Stddev	.00011	.0086	.00102	.00028	.0060	.00101	.00042
%RSD	.05729	.47973	.23582	.43545	.24317	.36636	.22354

#1	.18831	1.7985	.43248	.06516	2.4657	.27530	.18675
#2	.18816	1.7864	.43104	.06557	2.4742	.27387	.18734

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.1815	.36510	.28370	F -.01029	.83000	.59380	.18645
Stddev	.0157	.00173	.00302	.00057	.00481	.00022	.00128
%RSD	.17106	.47504	1.0631	5.5142	.58000	.03643	.68805

#1	9.1704	.36633	.28157	-.00989	.83341	.59395	.18735
#2	9.1926	.36387	.28583	-.01069	.82660	.59365	.18554

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	F 1.6197	4.860	.17804	F 2.4321	.87707		
Stddev	.0094	.020	.00035	.0776	.22491		
%RSD	.57877	.4019	.19851	3.1894	25.644		

#1	1.6131	4.874	.17829	2.4870	1.0361		
#2	1.6263	4.846	.17779	2.3773	.71803		

Sample Name: PB113196BS Acquired: 9/26/2018 13:54:31 Type: Unk
Method: P4-ICP2(v2461) 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	2005.0	35111.	4010.3	98.241	2986.7
Stddev	19.6	77.	23.8	.303	27.9
%RSD	.97538	.21801	.59300	.30808	.93338
#1	1991.2	35057.	3993.5	98.027	2966.9
#2	2018.9	35165.	4027.2	98.455	3006.4

Sample Name: J5031-01 Acquired: 9/26/2018 13:58:24 Type: Unk
Method: P4-ICP2(v2461) 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	.00096	-.00270	.00074	.00850	-.00209	.10371	.03568	-.00004
Stddev	.00280	.00030	.00019	.00108	.00003	.01135	.00026	.00002
%RSD	291.02	11.258	25.378	12.753	1.6549	10.943	.72569	47.336

#1	-.00102	-.00249	.00061	.00927	-.00206	.09568	.03549	-.00002
#2	.00294	-.00292	.00088	.00773	-.00211	.11173	.03586	-.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00025	60.929	.00262	-.00007	.10083	.19420	.05729	14.350
Stddev	.00003	.021	.00007	.00004	.00068	.00245	.00013	.015
%RSD	12.286	.03491	2.7391	57.161	.67221	1.2597	.22275	.10763

#1	-.00023	60.914	.00257	-.00010	.10036	.19247	.05738	14.340
#2	-.00028	60.944	.00267	-.00004	.10131	.19593	.05720	14.361

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00424	-.00032	83.925	.00010	.05321	17.687	.00206	.05534
Stddev	.00010	.00027	.043	.00047	.00101	.005	.00028	.00992
%RSD	2.4597	85.797	.05098	486.11	1.8896	.02674	13.522	17.930

#1	.00417	-.00051	83.956	.00043	.05392	17.683	.00225	.04832
#2	.00432	-.00013	83.895	-.00023	.05250	17.690	.00186	.06236

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.700	2.1377	-.00105	.00924	.01309	3.946	.25438	3.8882
Stddev	.071	.0169	.00002	.00025	.01611	.026	.00042	.0380
%RSD	.45133	.78894	1.8856	2.6630	123.05	.6717	.16615	.97619

#1	15.650	2.1496	-.00107	.00906	.02449	3.928	.25408	3.9150
#2	15.750	2.1258	-.00104	.00941	.00170	3.965	.25468	3.8614

Elem	U_3859
Units	ppm
Avg	1.8140
Stddev	.5184
%RSD	28.577

#1	2.1806
#2	1.4475

Sample Name: J5031-01 Acquired: 9/26/2018 13:58:24 Type: Unk
Method: P4-ICP2(v2461) 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	1851.0	33477.	4141.1	99.847	2696.3
Stddev	4.3	211.	33.6	2.234	.0
%RSD	.23436	.63129	.81214	2.2375	.00044
#1	1847.9	33327.	4117.3	98.268	2696.3
#2	1854.1	33626.	4164.8	101.43	2696.3

Sample Name: CCV03 Acquired: 9/26/2018 14:02:24 Type: Unk
Method: P4-ICP2(v2461) 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	4.9542	4.9119	4.9040	5.0301	4.9974	10.275	10.092
Stddev	.0044	.0127	.0057	.0022	.0101	.001	.026
%RSD	.08816	.25960	.11544	.04408	.20239	.00987	.26068

#1	4.9573	4.9028	4.9000	5.0317	5.0045	10.276	10.111
#2	4.9511	4.9209	4.9080	5.0286	4.9902	10.274	10.074

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25121	2.4497	24.946	.96529	2.4455	1.2168	4.9489
Stddev	.00045	.0008	.020	.00212	.0040	.0012	.0676
%RSD	.17780	.03173	.08193	.22014	.16324	.09700	1.3663

#1	.25152	2.4502	24.932	.96679	2.4483	1.2176	4.9011
#2	.25089	2.4491	24.961	.96378	2.4427	1.2160	4.9967

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5173	25.064	2.4490	1.2421	24.884	2.4917	2.5843
Stddev	.0075	.129	.0017	.0051	.079	.0066	.0441
%RSD	.29697	.51607	.06861	.40981	.31935	.26387	1.7052

#1	2.5226	24.972	2.4502	1.2457	24.941	2.4964	2.5532
#2	2.5120	25.155	2.4478	1.2385	24.828	2.4871	2.6155

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.181	5.0361	5.0520	4.9692	4.8445	4.8735	5.0470
Stddev	.051	.0093	.0124	.0266	.0313	.0077	.0169
%RSD	.20400	.18526	.24503	.53441	.64552	.15806	.33521

#1	25.217	5.0427	5.0433	4.9879	4.8666	4.8789	5.0590
#2	25.145	5.0295	5.0608	4.9504	4.8224	4.8680	5.0350

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	4.6884	5.034	4.9500	F 2.9265	F 3.3142
Stddev	.0021	.009	.0196	.0713	.7693
%RSD	.04460	.1776	.39509	2.4363	23.212

#1	4.6869	5.041	4.9638	2.9770	2.7702
#2	4.6898	5.028	4.9362	2.8761	3.8582

Sample Name: CCV03 Acquired: 9/26/2018 14:02:24 Type: Unk
Method: P4-ICP2(v2461) 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	1964.9	34544.	4098.7	94.676	2739.7
Stddev	5.9	70.	13.5	1.467	7.8
%RSD	.29786	.20365	.32942	1.5499	.28500
#1	1960.7	34494.	4089.1	95.713	2734.2
#2	1969.0	34594.	4108.2	93.638	2745.3

Sample Name: CCB03 Acquired: 9/26/2018 14:06:13 Type: Unk
Method: P4-ICP2(v2461) 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	-.00174	.00002	-.00095	.00190	.00127	-.00254	-.00130
Stddev	.00222	.00019	.00089	.00195	.00064	.00089	.00018
%RSD	127.51	1025.9	93.666	102.42	50.808	35.060	13.749

#1	-.00017	-.00012	-.00032	.00328	.00081	-.00191	-.00143
#2	-.00331	.00015	-.00157	.00052	.00172	-.00317	-.00118

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.00002	.00543	-.00033	-.00007	-.00069	-.01286
Stddev	.00000	.00001	.00580	.00003	.00018	.00026	.00944
%RSD	5.7363	78.861	106.83	8.9527	242.50	37.184	73.387

#1	.00005	.00003	.00133	-.00030	.00005	-.00087	-.01954
#2	.00005	.00001	.00954	-.00035	-.00020	-.00051	-.00619

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	-.05693	.00135	-.00013	-.28438	-.00049	-.00046
Stddev	.00001	.03756	.00024	.00007	.00077	.00005	.00001
%RSD	17594.	65.979	17.892	53.048	.27021	9.8491	2.6093

#1	-.00001	-.08349	.00118	-.00008	-.28384	-.00053	-.00045
#2	.00001	-.03037	.00152	-.00017	-.28492	-.00046	-.00047

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00826	.00035	.00469	-.00034	-.00223	.00007	.00318
Stddev	.01801	.00012	.00737	.00011	.00081	.00020	.00042
%RSD	218.00	33.169	157.08	31.744	36.296	298.97	13.325

#1	-.02100	.00027	-.00052	-.00042	-.00280	.00021	.00348
#2	.00447	.00043	.00990	-.00026	-.00165	-.00008	.00288

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	F -.03231	-.0025	.00014	F 2.0837	F .55900		
Stddev	.00633	.0002	.00001	.2960	.51130		
%RSD	19.589	9.679	5.7120	14.207	91.467		

#1	-.03678	-.0026	.00015	2.2930	.92054		
#2	-.02783	-.0023	.00014	1.8743	.19746		

Sample Name: CCB03 Acquired: 9/26/2018 14:06:13 Type: Unk
Method: P4-ICP2(v2461) 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	2039.7	35965.	4150.1	100.08	3094.1
Stddev	6.3	131.	.8	1.57	13.9
%RSD	.30984	.36292	.01936	1.5721	.45031
#1	2035.2	35873.	4149.5	98.967	3084.2
#2	2044.2	36057.	4150.7	101.19	3103.9

Sample Name: J5031-01DUP Acquired: 9/26/2018 14:10:17 Type: Unk
Method: P4-ICP2(v2461) 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	-.00365	-.00178	.00119	.01089	-.00044	.10683	.03574	-.00004
Stddev	.00587	.00076	.00105	.00293	.00214	.00454	.00003	.00008
%RSD	161.12	42.765	88.085	26.908	488.88	4.2483	.07549	233.22

#1	.00051	-.00124	.00045	.01297	-.00195	.10362	.03572	-.00009
#2	-.00780	-.00232	.00194	.00882	.00108	.11004	.03576	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00015	60.484	.00231	-.00009	.09951	.20251	.05665	14.184
Stddev	.00008	.937	.00080	.00008	.00012	.00812	.00032	.203
%RSD	53.601	1.5485	34.771	86.243	.11802	4.0105	.56631	1.4336

#1	-.00010	59.822	.00174	-.00015	.09959	.19677	.05642	14.040
#2	-.00021	61.147	.00288	-.00004	.09943	.20825	.05688	14.328

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00406	-.00061	83.853	-.00006	.05373	17.589	.00163	.05206
Stddev	.00020	.00009	.949	.00032	.00021	.225	.00043	.00774
%RSD	4.8577	14.155	1.1318	539.00	.38645	1.2778	26.361	14.862

#1	.00392	-.00054	83.182	-.00028	.05388	17.430	.00132	.05753
#2	.00419	-.00067	84.524	.00017	.05358	17.748	.00193	.04659

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.623	2.1156	-.00141	.00693	.01650	3.926	.25314	3.5870
Stddev	.046	.0380	.00105	.00006	.00604	.006	.00247	.2042
%RSD	.29172	1.7949	74.228	.90082	36.618	.1631	.97542	5.6914

#1	15.591	2.0887	-.00215	.00698	.02078	3.931	.25140	3.7314
#2	15.655	2.1424	-.00067	.00689	.01223	3.922	.25489	3.4427

Elem	U_3859
Units	ppm
Avg	1.3922
Stddev	.0106
%RSD	.75903

#1	1.3847
#2	1.3996

Sample Name: J5031-01DUP Acquired: 9/26/2018 14:10:17 Type: Unk
Method: P4-ICP2(v2461) 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	1873.5	33777.	4203.2	99.498	2727.4
Stddev	13.7	144.	34.5	1.173	21.5
%RSD	.72930	.42690	.82097	1.1786	.78854
#1	1863.8	33675.	4227.6	98.669	2712.2
#2	1883.2	33879.	4178.8	100.33	2742.6

Sample Name: J5031-01LX5 Acquired: 9/26/2018 14:14:17 Type: Unk
Method: P4-ICP2(v2461) 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	-.00137	-.00119	.00219	-.00007	.01124	.00696	-.00001
Stddev	.00120	.00100	.00008	.00144	.00307	.00479	.00037	.00004
%RSD	54.362	73.221	6.6527	65.569	4662.0	42.583	5.3027	464.12

#1	-.00136	-.00066	-.00125	.00321	-.00223	.01463	.00722	.00002
#2	-.00305	-.00208	-.00114	.00118	.00210	.00786	.00670	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	12.490	.04062	.00042	.02072	.21586	.01606	2.9207
Stddev	.00003	.077	.00044	.00012	.00012	.01629	.00006	.0556
%RSD	1412.9	.61805	1.0738	27.769	.58387	7.5457	.39101	1.9031

#1	-.00002	12.545	.04031	.00051	.02080	.22738	.01611	2.8814
#2	.00002	12.435	.04093	.00034	.02063	.20434	.01602	2.9600

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02505	-.00035	16.313	-.00035	.01167	3.5203	.00519	.02318
Stddev	.00007	.00026	.065	.00045	.00006	.0186	.00016	.00707
%RSD	.29021	74.891	.39917	127.29	.50524	.52900	3.1194	30.492

#1	.02510	-.00054	16.267	-.00004	.01163	3.5335	.00508	.01818
#2	.02500	-.00017	16.359	-.00067	.01172	3.5072	.00531	.02818

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.0814	.45273	-.00017	.00340	-.02319	.7701	.05129	2.3431
Stddev	.0050	.00364	.00008	.00140	.00800	.0012	.00005	.3022
%RSD	.16354	.80380	49.380	41.290	34.480	.1595	.09372	12.896

#1	3.0778	.45016	-.00011	.00439	-.02884	.7710	.05132	2.1294
#2	3.0850	.45530	-.00022	.00241	-.01753	.7692	.05125	2.5567

Elem	U_3859
Units	ppm
Avg	.78808
Stddev	.16274
%RSD	20.650

#1	.90316
#2	.67301

Sample Name: J5031-01LX5 Acquired: 9/26/2018 14:14:17 Type: Unk
Method: P4-ICP2(v2461) 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	2006.2	35362.	4147.5	99.687	2981.9
Stddev	11.8	115.	7.1	.642	13.5
%RSD	.58729	.32411	.17096	.64357	.45235
#1	1997.8	35281.	4142.4	99.234	2972.3
#2	2014.5	35443.	4152.5	100.14	2991.4

Sample Name: J5031-01MS Acquired: 9/26/2018 14:18:19 Type: Unk
Method: P4-ICP2(v2461) 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	.76933	1.8048	.89615	1.9294	.73318	2.0829	.23882	.17974	.18142
Stddev	.00725	.0039	.00289	.0078	.00174	.0113	.00176	.00013	.00023
%RSD	.94214	.21807	.32264	.40212	.23750	.54243	.73676	.07155	.12681

#1	.76420	1.8020	.89411	1.9239	.73441	2.0909	.24007	.17983	.18126
#2	.77445	1.8076	.89820	1.9349	.73195	2.0749	.23758	.17965	.18159

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	62.791	.35082	.17641	.35696	2.9869	.24936	16.107	.44145	.06533
Stddev	.129	.00068	.00077	.00096	.0219	.00021	.070	.00060	.00005
%RSD	.20488	.19434	.43779	.26922	.73338	.08488	.43614	.13681	.07437

#1	62.881	.35034	.17587	.35628	2.9714	.24921	16.157	.44102	.06536
#2	62.700	.35130	.17696	.35764	3.0024	.24951	16.057	.44188	.06529

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	88.014	.28207	.23512	26.989	.38938	.35144	15.153	3.2575	.61641
Stddev	.401	.00070	.00159	.147	.00084	.01708	.041	.0041	.00231
%RSD	.45511	.24664	.67794	.54384	.21456	4.8590	.27266	.12658	.37395

#1	88.297	.28256	.23399	27.092	.38879	.36352	15.124	3.2604	.61478
#2	87.730	.28158	.23625	26.885	.38997	.33937	15.182	3.2546	.61804

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.20168	1.8209	8.985	.44811	3.9201	1.4993			
Stddev	.00309	.0091	.028	.00320	.1781	.2687			
%RSD	1.5322	.49718	.3084	.71389	4.5433	17.923			

#1	.20386	1.8273	8.965	.45037	3.7941	1.3093			
#2	.19949	1.8145	9.005	.44585	4.0460	1.6893			

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306				
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S				
Avg	1879.8	33724.	4101.7	96.770	2717.9				
Stddev	8.9	231.	38.5	.291	11.1				
%RSD	.47335	.68381	.93964	.30033	.40786				

#1	1873.5	33561.	4074.5	96.975	2710.0				
#2	1886.1	33887.	4129.0	96.564	2725.7				

Sample Name: J5031-01MSD Acquired: 9/26/2018 14:22:10 Type: Unk
Method: P4-ICP2(v2461) 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	.77344	1.8007	.89584	1.9241	.73316	2.0721	.23567	.18065	.18090
Stddev	.00506	.0111	.00439	.0005	.00419	.0174	.00091	.00022	.00114
%RSD	.65365	.61543	.48993	.02460	.57186	.84189	.38550	.12410	.62745

#1	.77702	1.7929	.89274	1.9237	.73613	2.0597	.23503	.18080	.18010
#2	.76987	1.8086	.89894	1.9244	.73020	2.0844	.23631	.18049	.18170

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	61.985	.35310	.17710	.35687	2.9579	.24963	15.935	.44236	.06503
Stddev	.448	.00087	.00041	.00151	.0077	.00068	.222	.00196	.00068
%RSD	.72212	.24736	.23079	.42227	.25983	.27251	1.3926	.44320	1.0533

#1	61.669	.35248	.17681	.35794	2.9525	.24915	15.778	.44097	.06551
#2	62.302	.35372	.17739	.35580	2.9633	.25011	16.092	.44374	.06454

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	87.164	.28378	.23261	26.733	.38770	.34298	15.143	3.2614	.61683
Stddev	.201	.00017	.00150	.030	.00243	.00006	.048	.0039	.00333
%RSD	.23111	.06028	.64489	.11348	.62668	.01663	.31557	.12055	.53967

#1	87.021	.28390	.23155	26.712	.38942	.34302	15.109	3.2642	.61448
#2	87.306	.28366	.23367	26.754	.38598	.34294	15.177	3.2586	.61919

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.19903	1.8015	8.973	.44255	3.7515	1.5243			
Stddev	.00105	.0226	.040	.00136	.2033	.2893			
%RSD	.52627	1.2525	.4400	.30782	5.4195	18.979			

#1	.19829	1.7855	8.945	.44159	3.6077	1.7289			
#2	.19978	1.8174	9.001	.44352	3.8952	1.3198			

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306				
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S				
Avg	1872.4	33689.	4130.0	97.508	2703.7				
Stddev	19.6	52.	1.3	.068	9.8				
%RSD	1.0465	.15416	.03074	.06996	.36396				

#1	1858.6	33652.	4130.9	97.556	2696.7				
#2	1886.3	33726.	4129.1	97.460	2710.7				

Sample Name: J5031-01A Acquired: 9/26/2018 14:26:00 Type: Unk
Method: P4-ICP2(v2461) 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	.77787	1.8074	.89672	1.9291	.73231	2.0907	.23650	.18102	.18085
Stddev	.00076	.0076	.00229	.0011	.00129	.0161	.00123	.00046	.00073
%RSD	.09734	.41766	.25556	.05723	.17605	.76916	.52001	.25458	.40333

#1	.77841	1.8021	.89510	1.9299	.73322	2.0793	.23737	.18135	.18033
#2	.77734	1.8128	.89834	1.9283	.73140	2.1021	.23563	.18070	.18137

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	62.166	.35462	.17685	.35875	2.9459	.24952	15.956	.44207	.06499
Stddev	.239	.00032	.00074	.00013	.0041	.00073	.059	.00121	.00021
%RSD	.38434	.09151	.41655	.03526	.13767	.29269	.37044	.27316	.32902

#1	62.335	.35439	.17633	.35884	2.9431	.25003	15.998	.44122	.06515
#2	61.998	.35485	.17738	.35866	2.9488	.24900	15.915	.44292	.06484

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	86.899	.28407	.23012	26.762	.38807	.34311	15.127	3.2543	.61790
Stddev	.753	.00178	.00124	.168	.00035	.01616	.006	.0358	.00218
%RSD	.86644	.62794	.53688	.62611	.09126	4.7096	.04058	1.1012	.35293

#1	87.431	.28281	.23099	26.880	.38782	.35453	15.122	3.2797	.61635
#2	86.366	.28533	.22924	26.643	.38832	.33168	15.131	3.2290	.61944

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.20003	1.8109	8.990	.44307	3.7640	1.6724			
Stddev	.00169	.0114	.011	.00493	.3192	.6038			
%RSD	.84386	.62731	.1164	1.1135	8.4805	36.102			

#1	.20122	1.8028	8.997	.44656	3.9898	1.2454			
#2	.19883	1.8189	8.982	.43958	3.5383	2.0993			

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306				
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S				
Avg	1882.3	33813.	4156.8	98.958	2720.4				
Stddev	1.7	90.	38.0	.479	4.2				
%RSD	.08881	.26505	.91537	.48408	.15335				

#1	1883.5	33750.	4129.9	98.619	2723.3				
#2	1881.1	33877.	4183.7	99.297	2717.4				

Sample Name: J5055-20 Acquired: 9/26/2018 14:29:51 Type: Unk
Method: P4-ICP2(v2461) 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	.00041	-.00297	.00609	.00511	-.00016	.84881	.07019	-.00013
Stddev	.00147	.00189	.00048	.00137	.00011	.00481	.00052	.00007
%RSD	355.92	63.635	7.8915	26.919	68.542	.56703	.74012	53.551

#1	-.00063	-.00431	.00643	.00608	-.00023	.84540	.06982	-.00018
#2	.00146	-.00163	.00575	.00413	-.00008	.85221	.07056	-.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00021	82.294	.00084	.00103	.02767	1.7005	.90769	5.2872
Stddev	.00015	.190	.00034	.00000	.00025	.0359	.00170	.0141
%RSD	71.001	.23115	40.909	.24735	.90924	2.1126	.18678	.26753

#1	.00031	82.428	.00060	.00103	.02785	1.6751	.90649	5.2772
#2	.00010	82.159	.00108	.00103	.02749	1.7259	.90889	5.2972

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00219	-.00084	16.331	.00290	.24593	5.0971	.00400	.06955
Stddev	.00024	.00004	.031	.00009	.00341	.0004	.00006	.00133
%RSD	11.057	5.3318	.18777	3.0412	1.3860	.00688	1.5790	1.9096

#1	.00236	-.00081	16.353	.00296	.24352	5.0968	.00405	.06862
#2	.00202	-.00087	16.310	.00284	.24834	5.0973	.00396	.07049

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.702	9.6860	-.00295	.03161	-.00713	.1158	.42559	3.0686
Stddev	.028	.0239	.00086	.00132	.00289	.0000	.00218	.2654
%RSD	.21809	.24690	29.053	4.1809	40.571	.0049	.51270	8.6484

#1	12.722	9.7029	-.00234	.03254	-.00918	.1158	.42713	2.8810
#2	12.683	9.6691	-.00356	.03067	-.00508	.1158	.42405	3.2563

Elem	U_3859
Units	ppm
Avg	1.5142
Stddev	.2068
%RSD	13.657

#1	1.3680
#2	1.6604

Sample Name: J5055-20 Acquired: 9/26/2018 14:29:51 Type: Unk
Method: P4-ICP2(v2461) 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	1929.3	34849.	4221.3	101.54	2859.5
Stddev	12.9	218.	41.4	.75	22.0
%RSD	.66980	.62539	.98135	.73705	.77039
#1	1920.2	34695.	4192.0	102.07	2844.0
#2	1938.5	35003.	4250.6	101.01	2875.1

Sample Name: J5017-01DLX10 Acquired: 9/26/2018 14:33:51 Type: Unk
Method: P4-ICP2(v2461) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RA-091918-NO Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05165	-.00378	3.1647	-.05266	.21430	3.4144	.10105
Stddev	.00554	.00054	.0129	.00078	.00007	.0205	.00012
%RSD	10.724	14.220	.40836	1.4879	.03035	.60145	.11486

#1	.05556	-.00416	3.1738	-.05321	.21435	3.4289	.10097
#2	.04773	-.00340	3.1556	-.05211	.21425	3.3999	.10113

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00314	.00597	12.314	.06039	.02274	.40222	265.40
Stddev	.00026	.00037	.070	.00034	.00040	.00078	2.38
%RSD	8.2312	6.2046	.57240	.55738	1.7471	.19277	.89680

#1	-.00332	.00571	12.264	.06015	.02302	.40277	267.08
#2	-.00296	.00623	12.363	.06062	.02246	.40168	263.71

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3882	1.7616	.09141	-.00719	-.15715	.04522	.52858
Stddev	.0024	.1019	.00110	.00099	.00059	.00059	.00323
%RSD	.17613	5.7830	1.2002	13.759	.37484	1.2969	.61075

#1	1.3865	1.8336	.09219	-.00649	-.15673	.04481	.53087
#2	1.3899	1.6895	.09064	-.00789	-.15757	.04564	.52630

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.41726	.00204	.37568	1.0035	.32419	.60418	.13508
Stddev	.00446	.00033	.00073	.0048	.00835	.00097	.00022
%RSD	1.0677	16.167	.19560	.48137	2.5767	.16031	.16004

#1	.42041	.00181	.37620	1.0069	.33010	.60487	.13492
#2	.41411	.00228	.37516	1.0000	.31829	.60350	.13523

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	-.00314	2.785	.03369	F<.00000	32.587		
Stddev	.00633	.011	.00017	.57242	.289		
%RSD	201.49	.3933	.50577	2.3065	.88786		

#1	.00134	2.777	.03357	-25.223	32.791		
#2	-.00762	2.793	.03381	-24.414	32.382		

Sample Name: J5017-01DLX10 Acquired: 9/26/2018 14:33:51 Type: Unk
Method: P4-ICP2(v2461) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RA-091918-NO 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	2001.0	35534.	4198.7	100.76	2819.3
Stddev	4.7	74.	15.5	.89	6.1
%RSD	.23469	.20782	.36843	.88123	.21704
#1	1997.7	35482.	4209.6	100.14	2814.9
#2	2004.3	35586.	4187.7	101.39	2823.6

Sample Name: J5017-10DLX10 Acquired: 9/26/2018 14:37:48 Type: Unk
Method: P4-ICP2(v2461) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RA-091918-NO Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05443	-.00675	4.6360	-.05108	.11961	3.8521	.10950
Stddev	.00001	.00057	.0083	.00471	.00063	.0017	.00048
%RSD	.01481	8.4514	.17866	9.2255	.52363	.04501	.44070

#1	.05444	-.00715	4.6418	-.04775	.12006	3.8509	.10985
#2	.05443	-.00634	4.6301	-.05442	.11917	3.8533	.10916

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00312	.00495	10.976	.07343	.02418	.36015	259.39
Stddev	.00007	.00103	.055	.00142	.00007	.00159	6.73
%RSD	2.0967	20.883	.49744	1.9399	.30650	.44145	2.5929

#1	-.00307	.00422	11.015	.07242	.02412	.35902	264.15
#2	-.00316	.00568	10.938	.07443	.02423	.36127	254.63

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2461	1.2492	.11308	-.00624	-.03934	.03884	.58215
Stddev	.0010	.0189	.00000	.00120	.00613	.00036	.01677
%RSD	.08033	1.5107	.00092	19.210	15.591	.92704	2.8802

#1	1.2454	1.2358	.11308	-.00540	-.04367	.03858	.59400
#2	1.2468	1.2625	.11308	-.00709	-.03500	.03909	.57029

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.42843	.00292	.34896	.86148	.38053	.19569	.14092
Stddev	.02163	.00042	.01991	.00066	.00578	.00040	.00098
%RSD	5.0477	14.452	5.7046	.07647	1.5194	.20649	.69258

#1	.44372	.00262	.36304	.86195	.37645	.19540	.14161
#2	.41314	.00321	.33489	.86102	.38462	.19597	.14023

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	.00944	3.085	.03240	F<.00000	32.502		
Stddev	.00806	.003	.00037	.28513	.329		
%RSD	85.375	.1006	1.1490	1.2162	1.0136		

#1	.00374	3.083	.03266	-23.243	32.269		
#2	.01514	3.087	.03213	-23.646	32.735		

Sample Name: J5017-10DLX10 Acquired: 9/26/2018 14:37:48 Type: Unk
Method: P4-ICP2(v2461) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RA-091918-NO 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	2000.4	35361.	4130.7	99.348	2818.2
Stddev	5.0	155.	41.8	3.006	7.9
%RSD	.24862	.43707	1.0119	3.0261	.28087
#1	1996.9	35252.	4101.1	97.222	2812.6
#2	2003.9	35470.	4160.2	101.47	2823.7

Sample Name: J4982-02 Acquired: 9/26/2018 14:41:46 Type: Unk
Method: P4-ICP2(v2461) 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	.00231	-.00085	-.00126	-.00076	-.00072	.01516	.03632	.00005
Stddev	.00532	.00096	.00007	.00101	.00225	.00449	.00061	.00006
%RSD	230.55	111.98	5.8544	133.40	314.21	29.617	1.6848	108.80

#1	-.00145	-.00018	-.00131	-.00147	-.00231	.01198	.03676	.00001
#2	.00607	-.00153	-.00120	-.00004	.00088	.01833	.03589	.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	3.5033	-.00015	-.00011	.00002	.01556	.00404	.23092
Stddev	.00003	.0451	.00053	.00012	.00001	.00968	.00003	.04487
%RSD	637.03	1.2861	356.01	105.70	41.282	62.224	.82666	19.431

#1	-.00002	3.5352	-.00053	-.00003	.00002	.00871	.00401	.19919
#2	.00003	3.4715	.00023	-.00019	.00001	.02241	.00406	.26264

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00120	-.00058	1.6892	-.00026	.00119	4.8714	.00040	.00411
Stddev	.00014	.00025	.0162	.00020	.00003	.0644	.00000	.00132
%RSD	12.092	42.702	.96110	75.826	2.2572	1.3228	.78909	32.183

#1	.00110	-.00075	1.6777	-.00012	.00121	4.9170	.00040	.00318
#2	.00130	-.00040	1.7007	-.00040	.00117	4.8259	.00040	.00505

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.44597	.48916	-.00047	.00308	-.04027	.0050	.04736	2.4606
Stddev	.00181	.00634	.00044	.00126	.00367	.0003	.00015	.1121
%RSD	.40479	1.2955	94.210	40.845	9.1208	5.663	.30764	4.5566

#1	.44724	.49364	-.00078	.00397	-.04286	.0048	.04726	2.5399
#2	.44469	.48468	-.00016	.00219	-.03767	.0052	.04747	2.3813

Elem	U_3859
Units	ppm
Avg	1.0577
Stddev	.0641
%RSD	6.0598

#1	1.0123
#2	1.1030

Sample Name: J4982-02 Acquired: 9/26/2018 14:41:46 Type: Unk
Method: P4-ICP2(v2461) 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	2038.9	35844.	4127.3	103.13	3082.5
Stddev	3.7	104.	55.1	.44	4.6
%RSD	.18220	.28906	1.3358	.42491	.15024
#1	2036.3	35770.	4088.3	102.82	3079.2
#2	2041.5	35917.	4166.3	103.43	3085.8

Sample Name: J4958-32DL2X10 Acquired: 9/26/2018 14:45:50 Type: Unk
Method: P4-ICP2(v2461) 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	.00255	-.00009	-.00129	.00078	-.00110	.13015	.00932	-.00006
Stddev	.00234	.00090	.00025	.00021	.00055	.00161	.00014	.00003
%RSD	91.978	953.16	19.242	26.947	49.751	1.2380	1.4826	45.955

#1	.00089	.00054	-.00112	.00063	-.00148	.13129	.00942	-.00008
#2	.00420	-.00073	-.00147	.00093	-.00071	.12901	.00923	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00050	11.233	.00172	.00280	-.00093	6.0059	.09294	1.4384
Stddev	.00005	.013	.00013	.00005	.00012	.0680	.00107	.0185
%RSD	11.018	.11801	7.6610	1.9008	12.462	1.1318	1.1516	1.2829

#1	.00046	11.242	.00181	.00284	-.00101	6.0540	.09218	1.4254
#2	.00053	11.223	.00162	.00276	-.00085	5.9578	.09370	1.4515

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00285	-.00017	10.300	-.00042	.01095	.77727	-.00029	.00035
Stddev	.00004	.00001	.005	.00019	.00006	.00798	.00028	.00138
%RSD	1.4482	7.4528	.04562	45.177	.55058	1.0261	96.957	396.29

#1	.00288	-.00016	10.296	-.00029	.01099	.78290	-.00009	.00132
#2	.00282	-.00018	10.303	-.00056	.01091	.77163	-.00049	-.00063

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.4592	.92677	-.00203	.00189	-.03925	-.0003	.06969	1.7834
Stddev	.0035	.00480	.00035	.00002	.00263	.0017	.00023	.0893
%RSD	.05402	.51835	17.079	1.0524	6.7132	531.1	.32326	5.0092

#1	6.4567	.92337	-.00179	.00187	-.03739	.0009	.06985	1.8466
#2	6.4617	.93016	-.00228	.00190	-.04111	-.0015	.06953	1.7203

Elem	U_3859
Units	ppm
Avg	3.1997
Stddev	.0796
%RSD	2.4865

#1	3.2560
#2	3.1435

Sample Name: J4958-32DL2X10 Acquired: 9/26/2018 14:45:50 Type: Unk
Method: P4-ICP2(v2461) 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	2007.9	35482.	4132.9	100.05	2975.6
Stddev	.2	10.	1.4	.96	.7
%RSD	.01158	.02828	.03343	.96162	.02213
#1	2008.0	35489.	4133.9	99.371	2976.1
#2	2007.7	35475.	4132.0	100.73	2975.1

Sample Name: CCV04 Acquired: 9/26/2018 14:49:53 Type: Unk
Method: P4-ICP2(v2461) 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	4.9163	4.8470	4.8723	4.9929	4.9460	10.159	10.047
Stddev	.0191	.0024	.0018	.0120	.0146	.037	.008
%RSD	.38789	.04974	.03708	.23999	.29568	.36005	.08034

#1	4.9028	4.8453	4.8710	5.0013	4.9563	10.185	10.053
#2	4.9298	4.8487	4.8736	4.9844	4.9356	10.133	10.041

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24842	2.4261	24.727	.94403	2.4226	1.2015	4.7580
Stddev	.00041	.0027	.139	.00192	.0003	.0022	.0108
%RSD	.16412	.10977	.56376	.20377	.01180	.18459	.22761

#1	.24814	2.4280	24.628	.94267	2.4229	1.2030	4.7656
#2	.24871	2.4242	24.825	.94539	2.4224	1.1999	4.7503

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4863	24.754	2.4314	1.2239	24.662	2.4550	2.4840
Stddev	.0030	.092	.0007	.0004	.114	.0067	.0022
%RSD	.12016	.36989	.02827	.03513	.46096	.27365	.08854

#1	2.4842	24.690	2.4319	1.2242	24.582	2.4598	2.4825
#2	2.4884	24.819	2.4309	1.2236	24.742	2.4503	2.4856

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.887	4.9914	5.0352	4.9076	4.7650	4.8256	4.9986
Stddev	.012	.0045	.0120	.0145	.0088	.0172	.0037
%RSD	.04883	.09042	.23751	.29613	.18420	.35628	.07385

#1	24.896	4.9946	5.0437	4.9179	4.7588	4.8378	5.0013
#2	24.879	4.9882	5.0268	4.8974	4.7712	4.8135	4.9960

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	4.6406	5.008	4.9633	F 2.5835	F 3.0585
Stddev	.0004	.027	.0199	.0163	.3584
%RSD	.00751	.5417	.39997	.62956	11.718

#1	4.6403	5.027	4.9773	2.5950	2.8051
#2	4.6408	4.989	4.9493	2.5720	3.3120

Sample Name: CCV04 Acquired: 9/26/2018 14:49:53 Type: Unk
Method: P4-ICP2(v2461) 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	1975.4	34810.	4114.8	98.147	2753.0
Stddev	6.7	55.	7.3	.069	8.0
%RSD	.33675	.15801	.17803	.06998	.28950
#1	1970.7	34771.	4120.0	98.098	2747.3
#2	1980.1	34849.	4109.6	98.196	2758.6

Sample Name: CCB04 Acquired: 9/26/2018 14:53:42 Type: Unk
Method: P4-ICP2(v2461) 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	-.00127	-.00015	-.00044	.00077	.00093	-.00148	-.00082
Stddev	.00348	.00056	.00070	.00294	.00149	.01328	.00053
%RSD	275.20	361.92	160.49	382.55	160.81	897.53	64.324

#1	.00120	.00024	.00006	.00285	.00198	.00791	-.00119
#2	-.00373	-.00055	-.00093	-.00131	-.00013	-.01087	-.00045

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	.00000	-.00432	.00015	-.00005	-.00052	-.00132
Stddev	.00001	.00010	.01163	.00006	.00003	.00005	.00399
%RSD	9.2469	5024.0	269.27	41.784	48.796	9.3726	302.84

#1	.00007	.00007	.00391	.00011	-.00004	-.00048	.00150
#2	.00008	-.00007	-.01255	.00020	-.00007	-.00055	-.00414

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.04621	.00119	-.00007	-.29812	-.00038	-.00064
Stddev	.00002	.03426	.00004	.00010	.00537	.00004	.00011
%RSD	86.221	74.129	3.4064	149.05	1.8026	10.113	16.616

#1	-.00001	-.07043	.00122	.00000	-.29432	-.00040	-.00072
#2	-.00004	-.02199	.00116	-.00014	-.30192	-.00035	-.00057

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.05034	.00013	.00331	-.00122	-.00417	-.00048	.00357
Stddev	.03379	.00037	.00671	.00173	.00074	.00041	.00153
%RSD	67.115	275.37	202.41	141.19	17.848	85.607	42.940

#1	-.07423	-.00013	-.00143	-.00244	-.00470	-.00019	.00249
#2	-.02645	.00040	.00806	-.00000	-.00365	-.00077	.00465

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	F -.04143	-.0037	.00010	F 1.9997	F 1.0030		
Stddev	.01115	.0018	.00005	.1748	.0271		
%RSD	26.918	48.27	45.872	8.7416	2.7053		

#1	-.04931	-.0050	.00007	2.1233	.98385		
#2	-.03354	-.0025	.00014	1.8761	1.0222		

Sample Name: CCB04 Acquired: 9/26/2018 14:53:42 Type: Unk
Method: P4-ICP2(v2461) 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	2038.1	36060.	4105.2	99.631	3092.2
Stddev	8.7	91.	26.1	.546	2.0
%RSD	.42834	.25355	.63669	.54789	.06326
#1	2044.3	35996.	4123.7	100.02	3093.6
#2	2031.9	36125.	4086.7	99.245	3090.9

Sample Name: J4958-35DL2X4 Acquired: 9/26/2018 14:57:45 Type: Unk
Method: P4-ICP2(v2461) 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	-.00222	-.00139	-.00099	.00135	-.00104	-.00288	.02318	.00001
Stddev	.00000	.00005	.00020	.00118	.00050	.00292	.00033	.00000
%RSD	.02591	3.3923	19.828	87.389	48.362	101.38	1.4065	.22674

#1	-.00222	-.00142	-.00113	.00051	-.00069	-.00082	.02295	.00001
#2	-.00222	-.00136	-.00085	.00218	-.00140	-.00495	.02341	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	5.6829	.00145	.00097	-.00071	.03459	.01978	1.5311
Stddev	.00003	.0261	.00028	.00008	.00045	.00449	.00013	.0503
%RSD	167.27	.46000	19.395	7.9496	63.064	12.973	.63678	3.2877

#1	.00004	5.7014	.00165	.00102	-.00103	.03142	.01969	1.4955
#2	-.00000	5.6644	.00125	.00092	-.00039	.03777	.01987	1.5666

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00188	-.00049	22.785	-.00033	.00508	.69678	.00008	.01322
Stddev	.00009	.00032	.179	.00041	.00006	.03067	.00014	.00199
%RSD	4.5978	65.463	.78705	122.71	1.2446	4.4016	188.74	15.087

#1	.00194	-.00026	22.911	-.00063	.00512	.71846	.00018	.01181
#2	.00182	-.00071	22.658	-.00004	.00503	.67509	-.00003	.01463

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1433	1.1310	.00013	.00372	-.04170	-.0010	.04572	2.5643
Stddev	.0143	.0141	.00062	.00028	.00072	.0010	.00027	.1671
%RSD	.66572	1.2494	495.11	7.4554	1.7357	97.31	.58571	6.5155

#1	2.1534	1.1410	.00057	.00353	-.04222	-.0003	.04591	2.4461
#2	2.1332	1.1210	-.00031	.00392	-.04119	-.0017	.04553	2.6824

Elem	U_3859
Units	ppm
Avg	.97301
Stddev	.78583
%RSD	80.762

#1	1.5287
#2	.41735

Sample Name: J4958-35DL2X4 Acquired: 9/26/2018 14:57:45 Type: Unk
Method: P4-ICP2(v2461) 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	2022.8	35587.	4163.5	101.40	3006.7
Stddev	2.7	26.	31.9	1.97	.8
%RSD	.13414	.07261	.76676	1.9449	.02740
#1	2020.9	35569.	4140.9	100.01	3006.1
#2	2024.7	35606.	4186.1	102.79	3007.3

Sample Name: J5051-04 Acquired: 9/26/2018 15:01:48 Type: Unk
Method: P4-ICP2(v2461) 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	.00996	-.00144	.00536	.00756	-.00616	-.09454	.01754
Stddev	.00135	.00002	.00018	.00103	.00240	.00735	.00003
%RSD	13.592	1.3403	3.4038	13.654	38.999	7.7792	.16942

#1	.00900	-.00145	.00549	.00683	-.00785	-.09974	.01751
#2	.01092	-.00142	.00523	.00829	-.00446	-.08934	.01756

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00014	-.00037	156.66	-.00121	-.00012	.00187	-.03669
Stddev	.00008	.00019	1.40	.00091	.00014	.00006	.00504
%RSD	57.876	52.865	.89396	75.337	114.25	3.0283	13.737

#1	.00008	-.00050	157.66	-.00057	-.00021	.00191	-.04026
#2	.00019	-.00023	155.67	-.00186	-.00002	.00183	-.03313

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02995	493.94	-.00335	-.00016	F 2754.1	-.00004	.00158
Stddev	.00000	5.64	.00061	.00032	54.8	.00077	.00009
%RSD	.01137	1.1412	18.230	197.75	1.9884	2082.5	5.4920

#1	.02995	497.93	-.00292	-.00039	2792.9	.00050	.00164
#2	.02994	489.96	-.00378	.00006	2715.4	-.00058	.00152

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	169.41	.00348	1.6675	F 422.47	1.0474	-.15504	-.00052
Stddev	.91	.00008	.0185	.35	.0014	.00021	.00049
%RSD	.53559	2.2097	1.1102	.08167	.12911	.13298	95.073

#1	170.06	.00343	1.6806	422.71	1.0465	-.15518	-.00017
#2	168.77	.00354	1.6544	422.22	1.0484	-.15489	-.00087

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.69211	.1519	2.8089	6.3460	5.1888
Stddev	.00427	.0012	.0213	.1873	.2633
%RSD	.61733	.7985	.75787	2.9515	5.0747

#1	.69513	.1510	2.8239	6.2135	5.0026
#2	.68908	.1528	2.7938	6.4784	5.3750

Sample Name: J5051-04 Acquired: 9/26/2018 15:01:48 Type: Unk
Method: P4-ICP2(v2461) 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	1675.4	28536.	3831.2	87.888	2023.6
Stddev	2.4	25.	18.7	.104	.7
%RSD	.14614	.08789	.48838	.11804	.03215
#1	1673.7	28518.	3817.9	87.961	2024.1
#2	1677.2	28554.	3844.4	87.815	2023.1

Sample Name: PB113200BL Acquired: 9/26/2018 15:05:55 Type: Unk
Method: P4-ICP2(v2461) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00015	-.00200	-.00095	.00184	.00027	.00461	-.00170
Stddev	.00006	.00074	.00038	.00219	.00188	.00867	.00017
%RSD	37.651	36.905	39.454	118.75	682.14	187.92	10.045

#1	-.00019	-.00148	-.00122	.00339	-.00105	-.00152	-.00182
#2	-.00011	-.00253	-.00069	.00030	.00160	.01074	-.00158

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	.00004	.00257	.00010	-.00008	-.00046	-.00119
Stddev	.00002	.00004	.00615	.00016	.00011	.00009	.00484
%RSD	21.734	93.754	239.36	162.13	133.86	19.103	408.12

#1	.00006	.00001	-.00178	-.00001	-.00000	-.00040	.00224
#2	.00008	.00006	.00692	.00022	-.00016	-.00052	-.00461

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.04878	.00119	-.00049	F 1.1034	-.00046	-.00032
Stddev	.00006	.03074	.00001	.00007	.0620	.00034	.00006
%RSD	181.02	63.020	1.0289	15.387	5.6222	74.206	18.324

#1	.00001	-.02704	.00120	-.00043	1.1473	-.00022	-.00036
#2	-.00008	-.07052	.00119	-.00054	1.0596	-.00071	-.00028

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.26189	-.00019	.00076	F .00676	-.00572	-.00170	.00340
Stddev	.01766	.00008	.00289	.00100	.00034	.00029	.00022
%RSD	6.7426	42.195	381.93	14.851	6.0119	17.259	6.3938

#1	.27437	-.00013	.00280	.00747	-.00548	-.00191	.00324
#2	.24940	-.00024	-.00129	.00605	-.00597	-.00150	.00355

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	F .01828	-.0030	.00017	F 1.5846	F .94963		
Stddev	.01090	.0000	.00009	.4592	.12394		
%RSD	59.605	.7782	49.301	28.978	13.052		

#1	.01058	-.0030	.00023	1.9093	1.0373		
#2	.02599	-.0030	.00011	1.2599	.86199		

Sample Name: PB113200BL Acquired: 9/26/2018 15:05:55 Type: Unk
Method: P4-ICP2(v2461) 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	2079.9	36990.	4240.1	102.45	3166.2
Stddev	14.6	251.	6.9	1.14	14.1
%RSD	.69974	.67852	.16260	1.1111	.44467
#1	2069.7	36812.	4235.2	103.26	3156.2
#2	2090.2	37167.	4244.9	101.65	3176.1

Sample Name: PB113200BS Acquired: 9/26/2018 15:09:59 Type: Unk
Method: P4-ICP2(v2461) 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	.70384	1.7309	.84663	1.7731	.70768	1.8131	.18745
Stddev	.00519	.0038	.00237	.0014	.00070	.0016	.00058
%RSD	.73670	.22098	.27998	.07830	.09845	.08942	.31073

#1	.70751	1.7282	.84495	1.7722	.70719	1.8119	.18786
#2	.70017	1.7336	.84830	1.7741	.70817	1.8142	.18704

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16429	.16859	.93140	.34469	.16701	.25449	2.6004
Stddev	.00066	.00005	.00392	.00037	.00054	.00056	.0296
%RSD	.39920	.03230	.42085	.10735	.32233	.21830	1.1378

#1	.16383	.16855	.93417	.34495	.16663	.25410	2.6213
#2	.16475	.16862	.92863	.34443	.16739	.25488	2.5795

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18532	1.7347	.41785	.06003	2.8589	.27209	.17633
Stddev	.00039	.0015	.00034	.00034	.0090	.00124	.00147
%RSD	.21122	.08895	.08023	.56304	.31479	.45403	.83184

#1	.18504	1.7336	.41761	.06027	2.8653	.27296	.17736
#2	.18560	1.7358	.41808	.05980	2.8525	.27122	.17529

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.1145	.38468	.26866	F -.00378	.76546	.57541	.19378
Stddev	.0355	.00057	.00166	.00135	.00157	.00433	.00143
%RSD	.38924	.14764	.61606	35.747	.20531	.75226	.73689

#1	9.0894	.38428	.26983	-.00474	.76657	.57235	.19277
#2	9.1396	.38508	.26749	-.00283	.76435	.57847	.19479

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	F 1.6615	F 4.496	.17948	F 1.5543	F .27353		
Stddev	.0193	.008	.00300	.3039	.01731		
%RSD	1.1590	.1799	1.6730	19.553	6.3273		

#1	1.6751	4.491	.18161	1.7692	.28577		
#2	1.6479	4.502	.17736	1.3394	.26130		

Sample Name: PB113200BS Acquired: 9/26/2018 15:09:59 Type: Unk
Method: P4-ICP2(v2461) 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	2032.4	36779.	4272.6	104.03	3096.7
Stddev	8.2	168.	10.0	1.56	9.1
%RSD	.40128	.45715	.23393	1.4993	.29515
#1	2026.7	36660.	4265.5	102.92	3090.2
#2	2038.2	36898.	4279.7	105.13	3103.1

Sample Name: PB113200TB Acquired: 9/26/2018 15:13:52 Type: Unk
Method: P4-ICP2(v2461) 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	-.00429	-.00144	-.00068	.00515	.00004	.00550	-.00173
Stddev	.00028	.00039	.00013	.00035	.00126	.00193	.00027
%RSD	6.5706	27.273	18.904	6.8487	3157.5	35.098	15.736

#1	-.00449	-.00172	-.00059	.00540	-.00085	.00686	-.00192
#2	-.00409	-.00116	-.00078	.00490	.00093	.00413	-.00154

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	-.00003	-.00377	.00037	-.00021	-.00082	.00211
Stddev	.00004	.00006	.01367	.00040	.00005	.00003	.00039
%RSD	53.553	198.38	362.38	108.14	22.513	3.9018	18.261

#1	-.00011	.00001	-.01344	.00009	-.00025	-.00080	.00184
#2	-.00005	-.00008	.00589	.00065	-.00018	-.00085	.00238

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00017	-.03094	.00139	-.00085	F 276.08	-.00036	.00261
Stddev	.00003	.02514	.00024	.00011	.40	.00004	.00013
%RSD	16.430	81.248	17.011	13.584	.14381	10.775	5.1187

#1	.00015	-.04871	.00122	-.00093	275.79	-.00038	.00251
#2	.00019	-.01316	.00155	-.00077	276.36	-.00033	.00270

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03057	.00007	-.00191	.00242	.00330	.00107	.00344
Stddev	.00678	.00020	.00074	.00592	.00094	.00033	.00077
%RSD	22.171	278.52	38.675	245.17	28.525	31.213	22.474

#1	.02578	-.00007	-.00244	.00660	.00264	.00083	.00289
#2	.03537	.00021	-.00139	-.00177	.00397	.00130	.00398

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	-.02729	-.0024	.00016	F 2.9021	F 2.2256		
Stddev	.00194	.0010	.00007	.1822	.1851		
%RSD	7.1272	40.43	41.444	6.2767	8.3165		

#1	-.02866	-.0017	.00012	3.0309	2.3564		
#2	-.02591	-.0031	.00021	2.7733	2.0947		

Sample Name: PB113200TB Acquired: 9/26/2018 15:13:52 Type: Unk
Method: P4-ICP2(v2461) 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	1945.9	34575.	4235.2	101.92	2762.1
Stddev	11.4	177.	8.4	3.18	23.2
%RSD	.58756	.51294	.19846	3.1199	.83981
#1	1937.8	34449.	4229.2	104.17	2745.7
#2	1954.0	34700.	4241.1	99.673	2778.5

Sample Name: J5068-02 Acquired: 9/26/2018 15:18:02 Type: Unk
Method: P4-ICP2(v2461) 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	-.00426	-.00378	-.00011	.00653	-.00039	.05666	.21074	.00008
Stddev	.00271	.00005	.00079	.00176	.00014	.00948	.00094	.00005
%RSD	63.648	1.3796	693.06	26.899	35.421	16.740	.44429	63.537
#1	-.00234	-.00382	-.00067	.00777	-.00030	.04995	.21008	.00005
#2	-.00617	-.00374	.00044	.00529	-.00049	.06336	.21141	.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00039	10.117	.00221	.00139	.00581	.01362	1.4821	.53570
Stddev	.00007	.023	.00027	.00034	.00056	.00119	.0001	.03133
%RSD	17.007	.22675	12.262	24.732	9.6183	8.7147	.00787	5.8486
#1	.00034	10.101	.00241	.00163	.00542	.01446	1.4821	.55786
#2	.00043	10.133	.00202	.00115	.00621	.01278	1.4820	.51355

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00655	-.00011	271.43	-.00182	.11081	.99314	.00016	.03541
Stddev	.00019	.00036	3.74	.00002	.00122	.02674	.00012	.00475
%RSD	2.9018	331.44	1.3774	1.2145	1.1027	2.6921	73.564	13.416
#1	.00641	-.00036	274.08	-.00180	.11167	.97423	.00008	.03877
#2	.00668	.00015	268.79	-.00183	.10994	1.0120	.00025	.03205

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.91318	.55597	.00137	.00288	-.03144	.0030	.06239	2.8743
Stddev	.00032	.00932	.00010	.00053	.01289	.0011	.00037	.2594
%RSD	.03469	1.6761	7.6371	18.440	41.016	38.07	.58543	9.0235
#1	.91296	.56256	.00130	.00250	-.02232	.0038	.06265	2.6909
#2	.91341	.54938	.00145	.00325	-.04055	.0022	.06213	3.0577

Elem	U_3859
Units	ppm
Avg	2.3765
Stddev	.1716
%RSD	7.2186
#1	2.2552
#2	2.4978

Sample Name: J5068-02 Acquired: 9/26/2018 15:18:02 Type: Unk
Method: P4-ICP2(v2461) 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	1972.2	34947.	4299.3	99.536	2768.1
Stddev	5.1	65.	45.3	1.081	5.8
%RSD	.25890	.18582	1.0547	1.0861	.21132
#1	1968.6	34901.	4267.2	98.771	2763.9
#2	1975.9	34993.	4331.4	100.30	2772.2

Sample Name: J5068-02DUP Acquired: 9/26/2018 15:22:10 Type: Unk
Method: P4-ICP2(v2461) 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	-.00112	-.00342	-.00150	.00705	-.00081	.06356	.20899	.00010
Stddev	.00278	.00020	.00048	.00407	.00096	.00250	.00128	.00002
%RSD	248.76	5.9552	32.077	57.762	118.34	3.9374	.61282	19.589

#1	.00085	-.00356	-.00183	.00417	-.00149	.06179	.20808	.00012
#2	-.00308	-.00327	-.00116	.00993	-.00013	.06533	.20989	.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00041	10.026	.00527	.00140	.00556	.02367	1.4663	.48923
Stddev	.00000	.055	.00005	.00012	.00025	.00764	.0043	.01039
%RSD	.99107	.55146	.93309	8.7877	4.4322	32.271	.29513	2.1246

#1	.00041	9.9868	.00530	.00148	.00573	.01827	1.4633	.48188
#2	.00042	10.065	.00523	.00131	.00538	.02907	1.4694	.49658

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00763	-.00036	267.89	-.00192	.10601	1.0079	.00060	.03171
Stddev	.00037	.00015	2.58	.00074	.00216	.0214	.00014	.00425
%RSD	4.7972	40.601	.96260	38.593	2.0413	2.1235	23.445	13.406

#1	.00737	-.00047	266.06	-.00140	.10448	.99273	.00070	.02870
#2	.00789	-.00026	269.71	-.00245	.10754	1.0230	.00050	.03472

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.89547	.54274	.00171	.00188	-.03428	.0040	.06211	2.8285
Stddev	.00538	.00228	.00039	.00136	.01387	.0046	.00013	.2576
%RSD	.60060	.42092	22.996	72.213	40.473	114.3	.20582	9.1075

#1	.89167	.54112	.00144	.00092	-.04409	.0008	.06220	3.0107
#2	.89927	.54435	.00199	.00284	-.02447	.0073	.06202	2.6464

Elem	U_3859
Units	ppm
Avg	2.7017
Stddev	.0987
%RSD	3.6517

#1	2.7715
#2	2.6320

Sample Name: J5068-02DUP Acquired: 9/26/2018 15:22:10 Type: Unk
Method: P4-ICP2(v2461) 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	1970.0	34989.	4302.5	103.29	2770.9
Stddev	11.7	79.	35.8	1.86	17.3
%RSD	.59185	.22720	.83123	1.7996	.62434
#1	1961.8	35045.	4327.8	104.61	2758.7
#2	1978.2	34932.	4277.2	101.98	2783.1

Sample Name: J5068-02LX5 Acquired: 9/26/2018 15:26:18 Type: Unk
Method: P4-ICP2(v2461) 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	-.00229	-.00194	.00014	.00397	.00077	.00840	.04158	.00006
Stddev	.00178	.00049	.00096	.00130	.00344	.00897	.00022	.00005
%RSD	77.403	25.505	685.77	32.770	446.47	106.72	.53344	80.596

#1	-.00355	-.00159	-.00054	.00305	-.00166	.01475	.04174	.00003
#2	-.00104	-.00229	.00082	.00489	.00320	.00206	.04142	.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	2.0570	.00124	.00005	.00082	.00555	.30456	.06575
Stddev	.00002	.0060	.00001	.00008	.00022	.00706	.00044	.07057
%RSD	12.229	.29403	1.0685	152.02	27.167	127.13	.14549	107.33

#1	.00013	2.0527	.00125	.00010	.00098	.01054	.30425	.11565
#2	.00011	2.0612	.00123	-.00000	.00066	.00056	.30488	.01585

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00251	-.00069	55.398	-.00063	.02205	.14898	.00007	-.00265
Stddev	.00055	.00012	.218	.00044	.00016	.00669	.00014	.00512
%RSD	21.792	16.624	.39310	70.561	.74082	4.4917	183.69	193.27

#1	.00289	-.00077	55.244	-.00031	.02216	.15371	.00017	.00097
#2	.00212	-.00061	55.552	-.00094	.02193	.14425	-.00002	-.00627

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17655	.11106	.00052	.00318	-.03400	-.0003	.01275	1.9909
Stddev	.00275	.00104	.00119	.00173	.00146	.0012	.00001	.2504
%RSD	1.5596	.93197	226.03	54.522	4.2963	356.7	.08196	12.576

#1	.17461	.11180	-.00031	.00441	-.03296	-.0012	.01274	2.1679
#2	.17850	.11033	.00136	.00195	-.03503	.0005	.01276	1.8139

Elem	U_3859
Units	ppm
Avg	.95197
Stddev	.40847
%RSD	42.908

#1	.66314
#2	1.2408

Sample Name: J5068-02LX5 Acquired: 9/26/2018 15:26:18 Type: Unk
Method: P4-ICP2(v2461) 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	2038.4	36143.	4273.6	102.35	2961.9
Stddev	3.9	16.	25.1	1.18	15.6
%RSD	.19177	.04350	.58710	1.1557	.52775
#1	2035.6	36154.	4291.3	101.51	2950.8
#2	2041.2	36132.	4255.9	103.18	2972.9

Sample Name: J5068-02MS Acquired: 9/26/2018 15:30:23 Type: Unk
Method: P4-ICP2(v2461) 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	.84285	1.9674	1.0005	2.1444	.79274	2.1651	.41984	.19845	.20721
Stddev	.00149	.0053	.0037	.0059	.00151	.0087	.00137	.00084	.00039
%RSD	.17641	.27182	.37474	.27409	.19059	.40034	.32641	.42287	.18602

#1	.84180	1.9636	.99784	2.1485	.79381	2.1712	.41887	.19786	.20748
#2	.84390	1.9712	1.0031	2.1402	.79167	2.1590	.42081	.19904	.20693

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.074	.38795	.19798	.28217	2.9546	1.6384	2.4378	.49498	.07116
Stddev	.036	.00039	.00028	.00015	.0595	.0018	.0127	.00026	.00020
%RSD	.32562	.10179	.13896	.05303	2.0141	.10669	.52245	.05326	.28057

#1	11.049	.38767	.19778	.28227	2.9125	1.6372	2.4288	.49479	.07130
#2	11.100	.38823	.19817	.28206	2.9967	1.6396	2.4469	.49516	.07102

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	270.93	.30753	.30475	11.428	.41489	.33848	.89102	1.4162	.67902
Stddev	.03	.00331	.00711	.039	.00181	.00268	.00704	.0032	.00019
%RSD	.00998	1.0761	2.3323	.34275	.43640	.79215	.79041	.22513	.02739

#1	270.95	.30519	.29973	11.401	.41617	.34038	.89600	1.4139	.67916
#2	270.91	.30987	.30978	11.456	.41361	.33659	.88604	1.4184	.67889

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.21245	1.8766	5.946	.25834	2.7004	2.4298			
Stddev	.00053	.0124	.022	.00019	.0692	.2894			
%RSD	.25165	.65828	.3713	.07275	2.5628	11.911			

#1	.21282	1.8679	5.930	.25847	2.6514	2.6345			
#2	.21207	1.8854	5.962	.25821	2.7493	2.2252			

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306				
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S				
Avg	1981.6	35069.	4255.7	100.83	2746.5				
Stddev	4.0	2.	4.8	2.12	1.9				
%RSD	.20258	.00444	.11295	2.1023	.06941				

#1	1978.7	35070.	4259.1	102.33	2747.9				
#2	1984.4	35068.	4252.3	99.335	2745.2				

Sample Name: J5068-02MSD Acquired: 9/26/2018 15:34:21 Type: Unk
Method: P4-ICP2(v2461) 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	.83942	1.9572	.99701	2.1456	.79635	2.1570	.41997	.19968	.20651
Stddev	.00152	.0009	.00432	.0020	.00105	.0004	.00015	.00062	.00092
%RSD	.18134	.04469	.43311	.09470	.13211	.02036	.03465	.31019	.44441

#1	.84050	1.9566	.99395	2.1442	.79560	2.1574	.41986	.19924	.20586
#2	.83834	1.9579	1.0001	2.1471	.79709	2.1567	.42007	.20012	.20716

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.080	.38804	.19841	.28330	2.9180	1.6400	2.4919	.49465	.07099
Stddev	.047	.00114	.00010	.00032	.0082	.0005	.0770	.00050	.00030
%RSD	.42580	.29254	.04871	.11174	.28238	.02987	3.0896	.10199	.42159

#1	11.047	.38724	.19848	.28352	2.9122	1.6396	2.4375	.49501	.07078
#2	11.113	.38885	.19834	.28308	2.9238	1.6403	2.5464	.49429	.07120

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	273.15	.30612	.30064	11.488	.41568	.33927	.89349	1.4233	.68169
Stddev	2.64	.00061	.00252	.020	.00085	.00417	.00812	.0076	.00233
%RSD	.96481	.19944	.83690	.17127	.20522	1.2278	.90897	.53531	.34158

#1	271.28	.30655	.29886	11.474	.41628	.33632	.88775	1.4179	.68005
#2	275.01	.30569	.30242	11.502	.41507	.34221	.89923	1.4287	.68334

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.21169	1.8756	5.949	.26082	2.8433	2.6289			
Stddev	.00047	.0140	.040	.00072	.1558	.1846			
%RSD	.21981	.74846	.6651	.27482	5.4811	7.0224			

#1	.21136	1.8657	5.921	.26032	2.9535	2.4984			
#2	.21202	1.8856	5.977	.26133	2.7331	2.7595			

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306				
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S				
Avg	1968.3	35028.	4228.6	101.75	2737.3				
Stddev	5.9	129.	7.7	.69	1.3				
%RSD	.30192	.36830	.18271	.67346	.04754				

#1	1964.1	34937.	4234.1	102.23	2736.4				
#2	1972.5	35119.	4223.2	101.26	2738.2				

Sample Name: CCV05 Acquired: 9/26/2018 15:38:19 Type: Unk
Method: P4-ICP2(v2461) 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	4.7560	4.7092	4.6870	4.8334	4.7961	9.7783	9.7337
Stddev	.0127	.0086	.0087	.0145	.0094	.0007	.0201
%RSD	.26642	.18159	.18531	.30023	.19652	.00756	.20683

#1	4.7650	4.7032	4.6809	4.8436	4.7895	9.7778	9.7195
#2	4.7470	4.7153	4.6932	4.8231	4.8028	9.7788	9.7479

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23750	2.3415	23.825	.91754	2.3334	1.1672	4.5948
Stddev	.00084	.0068	.192	.00580	.0060	.0001	.1008
%RSD	.35511	.29099	.80496	.63168	.25539	.00675	2.1943

#1	.23690	2.3367	23.689	.91344	2.3292	1.1672	4.6661
#2	.23809	2.3464	23.961	.92164	2.3376	1.1673	4.5235

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3926	23.721	2.3397	1.1768	23.771	2.3692	2.3649
Stddev	.0083	.041	.0042	.0016	.170	.0037	.0217
%RSD	.34889	.17238	.18042	.13859	.71716	.15682	.91906

#1	2.3867	23.692	2.3367	1.1779	23.650	2.3666	2.3802
#2	2.3985	23.749	2.3427	1.1756	23.891	2.3718	2.3495

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.814	4.8313	4.8436	4.7171	4.6100	4.6399	4.8279
Stddev	.130	.0007	.0302	.0046	.0149	.0152	.0178
%RSD	.54645	.01427	.62380	.09854	.32301	.32706	.36921

#1	23.722	4.8308	4.8222	4.7138	4.5995	4.6292	4.8153
#2	23.906	4.8318	4.8649	4.7204	4.6206	4.6506	4.8405

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	4.5077	4.825	4.8064	F 2.1105	F 2.6667
Stddev	.0076	.008	.0121	.3737	.5180
%RSD	.16901	.1671	.25236	17.708	19.423

#1	4.5023	4.819	4.8150	1.8462	2.3005
#2	4.5131	4.830	4.7978	2.3747	3.0330

Sample Name: CCV05 Acquired: 9/26/2018 15:38:19 Type: Unk
Method: P4-ICP2(v2461) 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	2020.1	35957.	4239.7	101.87	2827.9
Stddev	7.0	59.	22.8	1.24	2.3
%RSD	.34728	.16505	.53715	1.2158	.08307
#1	2015.2	35999.	4255.8	100.99	2826.2
#2	2025.1	35916.	4223.6	102.74	2829.6

Sample Name: CCB05 Acquired: 9/26/2018 15:42:08 Type: Unk
Method: P4-ICP2(v2461) 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	-.00018	-.00109	-.00157	.00135	.00111	-.00602	-.00122
Stddev	.00099	.00044	.00110	.00002	.00073	.00132	.00030
%RSD	557.13	40.191	69.876	1.4739	66.144	21.984	24.488

#1	.00052	-.00078	-.00079	.00133	.00163	-.00695	-.00143
#2	-.00088	-.00140	-.00235	.00136	.00059	-.00508	-.00100

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	.00009	-.01068	.00005	-.00023	-.00067	-.00668
Stddev	.00002	.00005	.01534	.00031	.00002	.00014	.00595
%RSD	57.801	61.245	143.67	624.74	8.7187	21.417	89.153

#1	-.00005	.00005	.00017	.00027	-.00021	-.00057	-.01089
#2	-.00002	.00013	-.02152	-.00017	-.00024	-.00077	-.00247

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.06088	.00125	-.00026	-.15081	-.00020	-.00070
Stddev	.00000	.02371	.00010	.00005	.01228	.00019	.00001
%RSD	.40616	38.942	7.9916	20.096	8.1405	92.817	1.1828

#1	-.00003	-.04412	.00132	-.00022	-.15949	-.00033	-.00071
#2	-.00003	-.07764	.00118	-.00030	-.14213	-.00007	-.00069

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.05492	.00029	-.00492	-.00242	-.00571	-.00052	.00146
Stddev	.02210	.00008	.00658	.00129	.00225	.00004	.00026
%RSD	40.242	27.638	133.77	53.101	39.363	8.2412	17.909

#1	-.03929	.00035	-.00027	-.00333	-.00412	-.00055	.00164
#2	-.07055	.00024	-.00957	-.00151	-.00729	-.00049	.00127

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.02853	-.0023	.00026	F 1.5089	F .93663
Stddev	.00089	.0004	.00002	.0545	.25839
%RSD	3.1098	16.08	7.8697	3.6101	27.587

#1	-.02916	-.0020	.00025	1.4704	.75393
#2	-.02790	-.0026	.00028	1.5475	1.1193

Sample Name: CCB05 Acquired: 9/26/2018 15:42:08 Type: Unk
Method: P4-ICP2(v2461) 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	2095.7	37236.	4271.9	103.80	3189.4
Stddev	2.9	118.	5.4	.99	5.6
%RSD	.13955	.31631	.12625	.95629	.17468
#1	2093.7	37153.	4275.7	104.50	3185.4
#2	2097.8	37320.	4268.1	103.10	3193.3

Sample Name: J5068-02A Acquired: 9/26/2018 15:46:14 Type: Unk
Method: P4-ICP2(v2461) 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	.84049	1.9506	.99165	2.1377	.78948	2.1503	.41700	.19783	.20565
Stddev	.00492	.0133	.00280	.0064	.00081	.0138	.00226	.00028	.00026
%RSD	.58514	.68270	.28230	.29846	.10214	.64362	.54197	.14308	.12663

#1	.84397	1.9412	.98967	2.1423	.78891	2.1405	.41860	.19763	.20546
#2	.83702	1.9600	.99363	2.1332	.79005	2.1601	.41540	.19803	.20583

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.006	.38587	.19666	.28184	2.9392	1.6235	2.4264	.49211	.07083
Stddev	.039	.00111	.00033	.00100	.0270	.0007	.0392	.00131	.00006
%RSD	.35091	.28874	.16739	.35567	.91729	.04482	1.6156	.26666	.08733

#1	11.033	.38666	.19643	.28255	2.9583	1.6240	2.4541	.49118	.07087
#2	10.979	.38508	.19689	.28113	2.9202	1.6230	2.3987	.49303	.07078

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	271.14	.30299	.30050	11.268	.41380	.33944	.88091	1.4167	.67752
Stddev	1.08	.00270	.00528	.063	.00053	.00697	.00286	.0160	.00071
%RSD	.39701	.89230	1.7556	.55762	.12819	2.0545	.32499	1.1317	.10503

#1	271.91	.30490	.30423	11.312	.41342	.34437	.88293	1.4281	.67802
#2	270.38	.30108	.29677	11.223	.41417	.33450	.87888	1.4054	.67701

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.20905	1.8510	5.919	.25807	2.6845	2.5869			
Stddev	.00047	.0016	.017	.00148	.3787	.0766			
%RSD	.22356	.08695	.2780	.57315	14.107	2.9591			

#1	.20872	1.8521	5.907	.25911	2.4167	2.6410			
#2	.20938	1.8498	5.930	.25702	2.9523	2.5328			

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306				
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S				
Avg	1978.5	35415.	4274.9	101.75	2757.2				
Stddev	1.2	44.	34.0	2.15	.2				
%RSD	.06162	.12490	.79498	2.1110	.00592				

#1	1977.7	35383.	4250.9	100.23	2757.3				
#2	1979.4	35446.	4299.0	103.27	2757.1				

Sample Name: PB113202BL Acquired: 9/26/2018 15:50:11 Type: Unk
Method: P4-ICP2(v2461) 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	-.00160	.00032	-.00149	-.00181	.00050	-.01144	-.00149
Stddev	.00305	.00153	.00054	.00250	.00096	.00241	.00043
%RSD	190.41	478.31	36.315	137.59	192.20	21.057	29.255

#1	.00055	-.00076	-.00187	-.00005	-.00018	-.00974	-.00179
#2	-.00375	.00140	-.00111	-.00358	.00118	-.01314	-.00118

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.00006	-.00988	.00019	-.00025	-.00075	.00404
Stddev	.00009	.00010	.00653	.00001	.00016	.00018	.00932
%RSD	274.04	166.37	66.091	2.9104	63.370	23.877	230.70

#1	.00010	-.00014	-.00526	.00019	-.00036	-.00062	.01063
#2	-.00003	.00001	-.01449	.00019	-.00014	-.00087	-.00255

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	-.04336	.00132	-.00038	-.15799	-.00036	-.00073
Stddev	.00002	.05099	.00015	.00063	.00264	.00028	.00000
%RSD	29.713	117.59	11.043	164.31	1.6703	78.716	.24434

#1	-.00010	-.07942	.00121	.00006	-.15612	-.00016	-.00073
#2	-.00006	-.00731	.00142	-.00083	-.15986	-.00056	-.00072

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.07320	-.00023	-.00323	-.00203	-.00810	-.00128	.00327
Stddev	.02419	.00002	.00609	.00080	.00081	.00091	.00015
%RSD	33.050	9.7881	188.26	39.464	9.9455	71.548	4.4984

#1	-.09030	-.00025	-.00754	-.00259	-.00753	-.00192	.00338
#2	-.05609	-.00021	.00107	-.00146	-.00867	-.00063	.00317

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	F -.04144	-.0028	.00021	F 1.4576	F .11693		
Stddev	.00161	.0005	.00009	.4093	.72465		
%RSD	3.8794	18.99	41.928	28.080	619.74		

#1	-.04258	-.0031	.00015	1.7471	.62933		
#2	-.04031	-.0024	.00027	1.1682	-.39548		

Sample Name: PB113202BL Acquired: 9/26/2018 15:50:11 Type: Unk
Method: P4-ICP2(v2461) 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	2105.1	37432.	4308.9	106.32	3203.7
Stddev	7.2	173.	.1	.98	10.8
%RSD	.34340	.46146	.00149	.91954	.33668
#1	2099.9	37310.	4308.9	107.01	3196.0
#2	2110.2	37554.	4308.8	105.63	3211.3

Sample Name: PB113202TB Acquired: 9/26/2018 15:58:07 Type: Unk
Method: P4-ICP2(v2461) 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	-.00541	-.00236	-.00057	.00469	.00060	-.00313	-.00230
Stddev	.00297	.00143	.00067	.00407	.00017	.00947	.00016
%RSD	54.916	60.739	118.43	86.811	28.857	302.39	7.0499

#1	-.00751	-.00134	-.00009	.00181	.00048	.00356	-.00241
#2	-.00331	-.00337	-.00104	.00757	.00072	-.00983	-.00219

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	-.00003	.01189	.00047	-.00049	-.00071	.00653
Stddev	.00002	.00004	.00340	.00024	.00003	.00013	.00190
%RSD	35.565	131.80	28.570	50.098	5.2843	19.009	29.133

#1	-.00004	-.00006	.00949	.00064	-.00048	-.00080	.00519
#2	-.00007	-.00000	.01429	.00031	-.00051	-.00061	.00788

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	-.06303	.00158	-.00056	F 300.44	-.00027	.00177
Stddev	.00008	.03180	.00032	.00038	4.87	.00027	.00012
%RSD	70.221	50.455	20.336	68.721	1.6205	100.73	6.8795

#1	.00017	-.08552	.00136	-.00083	303.88	-.00047	.00185
#2	.00006	-.04054	.00181	-.00029	297.00	-.00008	.00168

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.05344	.00025	.00470	-.00120	.00017	.00119	.00402
Stddev	.01138	.00004	.00961	.00628	.00212	.00028	.00011
%RSD	21.299	15.924	204.27	524.06	1222.8	23.680	2.8225

#1	-.06149	.00028	.01150	.00324	-.00133	.00139	.00394
#2	-.04539	.00022	-.00209	-.00564	.00167	.00099	.00410

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.03479	-.0026	.00022	F 2.5413	F 1.9913
Stddev	.00603	.0038	.00001	.0285	.0657
%RSD	17.329	142.8	4.1837	1.1209	3.3015

#1	-.03905	.0000	.00022	2.5615	2.0377
#2	-.03053	-.0053	.00023	2.5212	1.9448

Sample Name: PB113202TB Acquired: 9/26/2018 15:58:07 Type: Unk
Method: P4-ICP2(v2461) 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	1956.2	34896.	4298.7	103.99	2776.8
Stddev	4.4	34.	32.4	1.74	4.4
%RSD	.22689	.09871	.75442	1.6705	.16012
#1	1953.1	34920.	4275.8	102.76	2773.6
#2	1959.4	34871.	4321.6	105.22	2779.9

Sample Name: J4774-06 Acquired: 9/26/2018 16:02:17 Type: Unk
Method: P4-ICP2(v2461) 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	-.00065	-.00135	.00347	.00545	-.00127	.08402	.08246	.00002
Stddev	.00695	.00203	.00157	.00259	.00056	.01113	.00041	.00006
%RSD	1069.8	150.50	45.166	47.410	43.876	13.246	.49542	270.06

#1	.00426	.00009	.00457	.00363	-.00167	.07615	.08217	.00006
#2	-.00556	-.00279	.00236	.00728	-.00088	.09189	.08275	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00024	29.937	-.00081	.00412	.00362	.02365	.70680	1.6453
Stddev	.00000	.111	.00046	.00008	.00030	.00749	.00021	.0716
%RSD	1.8581	.36923	57.474	2.0277	8.3884	31.686	.02903	4.3536

#1	.00024	29.858	-.00114	.00406	.00340	.02895	.70695	1.5947
#2	.00024	30.015	-.00048	.00418	.00383	.01835	.70666	1.6960

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00276	-.00040	262.63	-.00110	.01858	.65764	-.00015	.01026
Stddev	.00006	.00047	5.87	.00021	.00016	.01952	.00036	.00716
%RSD	2.1682	118.54	2.2359	19.022	.85700	2.9687	235.39	69.807

#1	.00280	-.00006	258.48	-.00095	.01847	.64383	-.00040	.00520
#2	.00272	-.00073	266.78	-.00125	.01870	.67144	.00010	.01533

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.46697	1.9596	.00134	.00228	-.03681	.0047	.11076	2.7014
Stddev	.00954	.0319	.00005	.00208	.00323	.0018	.00016	.0908
%RSD	2.0439	1.6267	3.9064	91.232	8.7854	37.63	.14342	3.3601

#1	.47372	1.9370	.00137	.00081	-.03452	.0034	.11065	2.6372
#2	.46023	1.9821	.00130	.00376	-.03910	.0059	.11087	2.7656

Elem	U_3859
Units	ppm
Avg	2.4612
Stddev	.1938
%RSD	7.8723

#1	2.5982
#2	2.3242

Sample Name: J4774-06 Acquired: 9/26/2018 16:02:17 Type: Unk
Method: P4-ICP2(v2461) 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	1974.2	35001.	4359.6	101.19	2773.3
Stddev	8.3	60.	61.8	.37	5.1
%RSD	.42166	.17260	1.4165	.36582	.18372
#1	1968.4	34959.	4403.2	101.45	2769.7
#2	1980.1	35044.	4315.9	100.93	2776.9

Sample Name: J4774-06DUP Acquired: 9/26/2018 16:06:25 Type: Unk
Method: P4-ICP2(v2461) 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	-.00470	-.00316	.00367	.00863	-.00255	.08215	.08390	.00003
Stddev	.00117	.00027	.00097	.00056	.00074	.01624	.00019	.00001
%RSD	24.983	8.5252	26.525	6.4897	29.205	19.764	.22415	31.987

#1	-.00553	-.00296	.00298	.00823	-.00202	.07067	.08403	.00004
#2	-.00387	-.00335	.00435	.00902	-.00308	.09363	.08377	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00019	30.458	-.00023	.00449	.00360	.02320	.71950	1.5946
Stddev	.00005	.006	.00036	.00020	.00039	.00355	.00042	.0562
%RSD	26.634	.01902	160.70	4.4124	10.798	15.306	.05906	3.5224

#1	.00022	30.454	-.00049	.00435	.00333	.02571	.71980	1.6343
#2	.00015	30.462	.00003	.00463	.00388	.02069	.71920	1.5549

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00262	-.00079	265.79	-.00090	.01857	.67459	-.00047	.00979
Stddev	.00023	.00013	3.67	.00044	.00029	.00025	.00040	.00438
%RSD	8.9438	15.906	1.3797	49.009	1.5787	.03744	85.556	44.801

#1	.00245	-.00088	268.38	-.00121	.01877	.67441	-.00019	.01289
#2	.00278	-.00070	263.19	-.00059	.01836	.67477	-.00076	.00669

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.46848	1.9874	.00130	.00330	-.04111	.0032	.11231	3.0696
Stddev	.00195	.0215	.00067	.00075	.00878	.0042	.00013	.1737
%RSD	.41613	1.0825	51.336	22.699	21.356	129.4	.11639	5.6598

#1	.46986	1.9722	.00177	.00383	-.04732	.0062	.11222	3.1925
#2	.46710	2.0026	.00083	.00277	-.03490	.0003	.11241	2.9468

Elem	U_3859
Units	ppm
Avg	2.5272
Stddev	.1593
%RSD	6.3035

#1	2.6399
#2	2.4146

Sample Name: J4774-06DUP Acquired: 9/26/2018 16:06:25 Type: Unk
Method: P4-ICP2(v2461) 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	1959.0	34874.	4333.5	100.99	2758.0
Stddev	9.8	124.	16.9	1.29	12.1
%RSD	.49869	.35545	.39087	1.2751	.43701
#1	1952.1	34787.	4321.5	100.08	2749.5
#2	1965.9	34962.	4345.5	101.90	2766.5

Sample Name: J4774-06LX5 Acquired: 9/26/2018 16:10:33 Type: Unk
Method: P4-ICP2(v2461) 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	-.00049	-.00040	.00142	.00030	.01039	.01603	.00002
Stddev	.00139	.00090	.00028	.00520	.00057	.00432	.00049	.00001
%RSD	69.668	181.82	71.059	367.17	189.10	41.565	3.0760	45.153

#1	-.00101	-.00113	-.00060	-.00226	-.00010	.01345	.01568	.00003
#2	-.00299	.00014	-.00020	.00509	.00070	.00734	.01638	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	6.2079	.00623	.00075	.00017	.03282	.15108	.32124
Stddev	.00002	.0246	.00002	.00006	.00035	.00950	.00132	.02200
%RSD	23.827	.39565	.29484	8.1110	203.23	28.964	.87688	6.8494

#1	.00010	6.2253	.00622	.00070	.00041	.03954	.15014	.33680
#2	.00007	6.1905	.00625	.00079	-.00007	.02609	.15201	.30568

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00527	-.00080	54.790	-.00030	.00373	.07103	.00079	.00153
Stddev	.00000	.00075	.043	.00037	.00003	.02106	.00020	.00058
%RSD	.00979	93.754	.07879	124.27	.87410	29.643	24.759	38.155

#1	.00527	-.00134	54.759	-.00055	.00376	.08592	.00093	.00194
#2	.00527	-.00027	54.820	-.00004	.00371	.05614	.00065	.00112

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09165	.41973	-.00056	.00302	-.03269	.0004	.02313	1.7915
Stddev	.00039	.00038	.00059	.00074	.00300	.0002	.00006	.1601
%RSD	.42884	.08970	103.66	24.429	9.1814	56.04	.24013	8.9379

#1	.09193	.41947	-.00098	.00250	-.03481	.0002	.02317	1.9047
#2	.09137	.42000	-.00015	.00354	-.03056	.0006	.02309	1.6783

Elem	U_3859
Units	ppm
Avg	1.0609
Stddev	.4927
%RSD	46.446

#1	.71247
#2	1.4093

Sample Name: J4774-06LX5 Acquired: 9/26/2018 16:10:33 Type: Unk
Method: P4-ICP2(v2461) 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	2044.2	36321.	4315.9	104.58	2977.1
Stddev	8.9	14.	1.6	.49	13.3
%RSD	.43724	.03789	.03751	.47185	.44828
#1	2037.9	36311.	4314.7	104.23	2967.7
#2	2050.6	36331.	4317.0	104.93	2986.5

Sample Name: J4774-06MS Acquired: 9/26/2018 16:14:36 Type: Unk
Method: P4-ICP2(v2461) 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	.86116	2.0048	1.0157	2.2052	.80541	2.2285	.29582	.20483	.20987
Stddev	.00087	.0022	.0018	.0019	.00391	.0141	.00004	.00053	.00004
%RSD	.10152	.10966	.17398	.08444	.48587	.63393	.01200	.25894	.02110

#1	.86178	2.0063	1.0169	2.2039	.80265	2.2185	.29585	.20521	.20984
#2	.86054	2.0032	1.0144	2.2065	.80818	2.2385	.29580	.20446	.20991

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	30.708	.39153	.20381	.28638	2.9679	.89322	3.6243	.49928	.07278
Stddev	.050	.00166	.00105	.00080	.0255	.00063	.0542	.00003	.00006
%RSD	.16424	.42276	.51722	.28025	.86050	.07098	1.4957	.00630	.08443

#1	30.672	.39270	.20456	.28695	2.9859	.89367	3.6626	.49931	.07274
#2	30.744	.39036	.20307	.28581	2.9498	.89277	3.5859	.49926	.07282

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	265.00	.31112	.21492	11.220	.42130	.32427	.45202	2.8289	.68711
Stddev	3.06	.00041	.00137	.068	.00044	.00037	.00204	.0153	.00392
%RSD	1.1557	.13057	.63835	.60471	.10519	.11284	.45045	.54003	.57081

#1	262.84	.31083	.21589	11.172	.42098	.32452	.45058	2.8181	.68433
#2	267.17	.31141	.21395	11.268	.42161	.32401	.45346	2.8397	.68988

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.21099	1.9380	6.158	.30998	2.8227	2.6083			
Stddev	.00136	.0060	.003	.00007	.0687	.0317			
%RSD	.64244	.30869	.0442	.02414	2.4331	1.2137			

#1	.21195	1.9337	6.160	.31003	2.8712	2.5859			
#2	.21004	1.9422	6.157	.30992	2.7741	2.6307			

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306				
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S				
Avg	1973.2	35128.	4275.1	103.48	2745.0				
Stddev	3.4	75.	22.9	.71	3.0				
%RSD	.17322	.21412	.53469	.68852	.10833				

#1	1970.8	35075.	4291.3	102.97	2742.9				
#2	1975.6	35181.	4258.9	103.98	2747.1				

Sample Name: J4774-06MSD Acquired: 9/26/2018 16:18:33 Type: Unk
Method: P4-ICP2(v2461) 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	.85195	1.9748	1.0028	2.1690	.79596	2.1924	.29288	.20097	.20656
Stddev	.00212	.0024	.0027	.0080	.00101	.0047	.00005	.00064	.00007
%RSD	.24852	.12092	.27082	.36852	.12703	.21310	.01648	.31626	.03615

#1	.85345	1.9731	1.0009	2.1746	.79668	2.1891	.29285	.20142	.20651
#2	.85046	1.9765	1.0047	2.1633	.79525	2.1957	.29292	.20052	.20661

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	30.396	.38802	.20077	.28341	2.9922	.87967	3.5578	.49127	.07103
Stddev	.048	.00011	.00020	.00002	.0636	.00081	.0271	.00227	.00128
%RSD	.15783	.02784	.10103	.00857	2.1273	.09252	.76174	.46281	1.8052

#1	30.362	.38794	.20091	.28343	3.0372	.87910	3.5386	.48966	.07193
#2	30.430	.38809	.20062	.28339	2.9472	.88025	3.5769	.49288	.07012

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	262.06	.30638	.21606	11.112	.41524	.31887	.44570	2.7987	.67715
Stddev	.18	.00167	.00166	.014	.00056	.00115	.00351	.0028	.00558
%RSD	.06913	.54400	.76705	.12397	.13417	.36093	.78855	.09947	.82376

#1	261.94	.30520	.21723	11.121	.41563	.31806	.44819	2.7967	.67321
#2	262.19	.30756	.21489	11.102	.41484	.31969	.44322	2.8006	.68110

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.21118	1.9016	6.063	.30523	2.9150	2.5275			
Stddev	.00468	.0103	.018	.00129	.1705	.5153			
%RSD	2.2176	.54340	.2880	.42155	5.8498	20.389			

#1	.20787	1.9089	6.051	.30614	3.0356	2.1631			
#2	.21449	1.8943	6.075	.30432	2.7944	2.8919			

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306				
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S				
Avg	1991.1	35645.	4315.6	102.38	2777.7				
Stddev	5.5	6.	1.0	1.17	7.4				
%RSD	.27693	.01631	.02212	1.1384	.26764				

#1	1987.2	35649.	4316.3	101.55	2772.5				
#2	1995.0	35641.	4315.0	103.20	2783.0				

Sample Name: J4774-06A Acquired: 9/26/2018 16:22:30 Type: Unk
Method: P4-ICP2(v2461) 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	.85913	1.9996	1.0130	2.1831	.80396	2.2363	.29709	.20452	.20909
Stddev	.00260	.0033	.0015	.0045	.00229	.0140	.00150	.00013	.00001
%RSD	.30249	.16295	.14680	.20508	.28431	.62567	.50580	.06158	.00709

#1	.86097	2.0019	1.0140	2.1862	.80234	2.2264	.29603	.20443	.20907
#2	.85730	1.9973	1.0119	2.1799	.80557	2.2462	.29816	.20461	.20910

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	30.805	.39181	.20310	.28589	3.0453	.89400	3.5912	.49756	.07240
Stddev	.155	.00204	.00022	.00019	.0300	.00101	.0077	.00088	.00030
%RSD	.50368	.52027	.10968	.06681	.98470	.11250	.21452	.17634	.41824

#1	30.696	.39325	.20294	.28575	3.0241	.89471	3.5967	.49818	.07219
#2	30.915	.39037	.20325	.28602	3.0665	.89329	3.5858	.49694	.07262

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	263.25	.31090	.22145	11.272	.42090	.32078	.45404	2.8290	.68576
Stddev	2.10	.00075	.00004	.102	.00161	.01233	.00579	.0101	.00017
%RSD	.79675	.24105	.01689	.90081	.38290	3.8451	1.2755	.35669	.02536

#1	261.77	.31037	.22148	11.200	.42204	.31206	.45813	2.8219	.68588
#2	264.73	.31143	.22142	11.343	.41976	.32950	.44994	2.8361	.68564

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.21059	1.9333	6.129	.30924	3.1375	2.5067			
Stddev	.00157	.0209	.009	.00155	.0164	.4450			
%RSD	.74523	1.0818	.1402	.49996	.52417	17.753			

#1	.20948	1.9186	6.135	.30815	3.1259	2.8214			
#2	.21169	1.9481	6.123	.31034	3.1492	2.1921			

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306				
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S				
Avg	1977.9	35159.	4274.0	100.49	2755.3				
Stddev	10.1	34.	13.6	.34	12.0				
%RSD	.50882	.09570	.31762	.33524	.43563				

#1	1970.8	35135.	4283.6	100.25	2746.8				
#2	1985.0	35183.	4264.4	100.73	2763.8				

Sample Name: PB113202BS Acquired: 9/26/2018 16:31:19 Type: Unk
Method: P4-ICP2(v2461) 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	.83251	2.0604	1.0039	2.0851	.83099	2.1165	.22197
Stddev	.00270	.0021	.0007	.0104	.00098	.0219	.00058
%RSD	.32473	.10332	.07325	.49782	.11771	1.0334	.26301

#1	.83442	2.0619	1.0034	2.0924	.83169	2.1010	.22238
#2	.83059	2.0589	1.0044	2.0778	.83030	2.1319	.22156

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19395	.20004	1.0913	.41031	.19716	.30050	3.0716
Stddev	.00053	.00021	.0168	.00092	.00003	.00031	.0099
%RSD	.27437	.10369	1.5400	.22393	.01734	.10168	.32291

#1	.19357	.19989	1.1032	.40966	.19714	.30028	3.0646
#2	.19432	.20018	1.0795	.41096	.19719	.30072	3.0786

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21816	2.0854	.49497	.07187	3.0499	.32209	.20693
Stddev	.00071	.0360	.00015	.00055	.0068	.00216	.00008
%RSD	.32463	1.7271	.03109	.77056	.22164	.67204	.03877

#1	.21766	2.1108	.49508	.07227	3.0547	.32056	.20699
#2	.21866	2.0599	.49486	.07148	3.0452	.32362	.20688

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.441	.45015	.31644	F -.00753	.91247	.67790	.22465
Stddev	.035	.00230	.00893	.00442	.00079	.00348	.00144
%RSD	.33387	.51038	2.8221	58.773	.08645	.51291	.63920

#1	10.465	.44852	.32275	-.01066	.91303	.68036	.22567
#2	10.416	.45177	.31012	-.00440	.91191	.67544	.22364

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	F 1.9462	5.347	.21093	F 1.7236	F .61076		
Stddev	.0182	.001	.00175	.1483	.10432		
%RSD	.93518	.0108	.83185	8.6048	17.081		

#1	1.9590	5.347	.21218	1.6188	.68453		
#2	1.9333	5.347	.20969	1.8285	.53699		

Sample Name: PB113202BS Acquired: 9/26/2018 16:31:19 Type: Unk
Method: P4-ICP2(v2461) 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	2069.8	37385.	4325.0	105.60	3138.9
Stddev	12.3	110.	26.6	1.03	22.2
%RSD	.59504	.29399	.61601	.97661	.70630
#1	2061.1	37308.	4306.1	104.87	3123.2
#2	2078.5	37463.	4343.8	106.33	3154.6

Sample Name: CCV06 Acquired: 9/26/2018 16:35:10 Type: Unk
Method: P4-ICP2(v2461) 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	4.8167	4.7536	4.7304	4.9036	4.8538	9.9522	9.8155
Stddev	.0009	.0107	.0064	.0125	.0050	.1186	.0860
%RSD	.01958	.22557	.13620	.25438	.10337	1.1916	.87641

#1	4.8174	4.7612	4.7350	4.9125	4.8573	9.8683	9.8763
#2	4.8161	4.7460	4.7259	4.8948	4.8502	10.036	9.7546

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24030	2.3679	24.122	.92076	2.3563	1.1813	4.7252
Stddev	.00019	.0077	.076	.00292	.0057	.0000	.0191
%RSD	.07954	.32660	.31565	.31702	.24256	.00118	.40516

#1	.24043	2.3734	24.068	.91870	2.3603	1.1813	4.7388
#2	.24016	2.3624	24.176	.92283	2.3523	1.1813	4.7117

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4159	24.003	2.3613	1.1896	23.964	2.3864	2.4292
Stddev	.0010	.107	.0047	.0024	.182	.0040	.0611
%RSD	.04169	.44722	.19759	.20191	.76080	.16989	2.5131

#1	2.4152	23.927	2.3646	1.1879	24.093	2.3893	2.4723
#2	2.4166	24.079	2.3580	1.1913	23.835	2.3835	2.3860

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.826	4.8830	4.9116	4.8026	4.6236	4.6837	4.8683
Stddev	.233	.0034	.0575	.0085	.0066	.0070	.0029
%RSD	.97978	.06908	1.1696	.17658	.14167	.14912	.05973

#1	23.991	4.8854	4.8710	4.8086	4.6282	4.6886	4.8662
#2	23.661	4.8806	4.9522	4.7966	4.6189	4.6788	4.8703

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	4.5762	4.895	4.8275	F 2.3683	F 3.2863
Stddev	.0020	.010	.0619	.0593	.1647
%RSD	.04368	.2047	1.2815	2.5031	5.0110

#1	4.5747	4.902	4.8712	2.3264	3.1698
#2	4.5776	4.888	4.7838	2.4102	3.4027

Sample Name: CCV06 Acquired: 9/26/2018 16:35:10 Type: Unk
Method: P4-ICP2(v2461) 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	2026.0	36096.	4260.9	100.77	2837.2
Stddev	6.3	31.	25.8	2.75	12.3
%RSD	.31161	.08576	.60543	2.7284	.43436
#1	2021.5	36074.	4242.7	98.831	2828.5
#2	2030.4	36117.	4279.2	102.72	2846.0

Sample Name: CCB06 Acquired: 9/26/2018 16:38:58 Type: Unk
Method: P4-ICP2(v2461) 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	.00042	.00013	-.00187	.00068	.00112	-.00653	-.00113
Stddev	.00301	.00175	.00104	.00255	.00160	.00440	.00067
%RSD	713.27	1370.5	55.539	376.18	142.74	67.382	59.648

#1	-.00171	.00136	-.00260	-.00112	-.00001	-.00342	-.00065
#2	.00255	-.00111	-.00114	.00248	.00226	-.00964	-.00160

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.00001	-.01703	-.00056	-.00006	-.00090	.00731
Stddev	.00005	.00000	.00649	.00020	.00034	.00037	.00973
%RSD	93.511	37.406	38.080	36.047	547.13	40.704	133.12

#1	.00002	.00002	-.01244	-.00070	.00018	-.00116	.01418
#2	.00008	.00001	-.02162	-.00042	-.00030	-.00064	.00043

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	-.07986	.00112	-.00087	-.21873	-.00047	-.00068
Stddev	.00001	.00979	.00024	.00026	.00905	.00025	.00001
%RSD	16.850	12.255	21.677	30.175	4.1354	52.474	1.3916

#1	-.00007	-.07294	.00095	-.00106	-.22512	-.00065	-.00069
#2	-.00005	-.08678	.00129	-.00069	-.21233	-.00030	-.00068

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.09270	.00064	.00180	-.00322	-.00253	-.00087	.00156
Stddev	.02801	.00021	.01597	.00175	.00263	.00087	.00096
%RSD	30.211	32.998	885.14	54.300	103.75	99.739	61.341

#1	-.07290	.00080	-.00949	-.00198	-.00067	-.00148	.00088
#2	-.11250	.00049	.01310	-.00445	-.00439	-.00026	.00223

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	F -.03757	-.0032	.00021	F 1.3081	F .63944		
Stddev	.00160	.0005	.00001	.1080	.31801		
%RSD	4.2535	16.79	4.9512	8.2571	49.732		

#1	-.03870	-.0036	.00022	1.2318	.86430		
#2	-.03644	-.0028	.00021	1.3845	.41457		

Sample Name: CCB06 Acquired: 9/26/2018 16:38:58 Type: Unk
Method: P4-ICP2(v2461) 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	2096.6	37311.	4276.9	106.33	3201.0
Stddev	1.6	49.	7.4	1.92	.1
%RSD	.07580	.13008	.17262	1.8076	.00274
#1	2097.7	37277.	4271.7	104.97	3201.0
#2	2095.4	37345.	4282.1	107.69	3201.1

Sample Name: PB113161BL Acquired: 9/26/2018 16:43:03 Type: Unk
Method: P4-ICP2(v2461) 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	-.00068	.00028	-.00125	.00122	.00005	-.00090	-.00091
Stddev	.00165	.00099	.00095	.00062	.00022	.00754	.00001
%RSD	244.28	350.94	76.071	50.922	460.43	841.35	.85533

#1	.00049	.00098	-.00192	.00166	.00020	-.00623	-.00090
#2	-.00184	-.00042	-.00058	.00078	-.00011	.00443	-.00091

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	.00009	-.02009	-.00024	-.00013	-.00060	.00253
Stddev	.00002	.00003	.00108	.00021	.00002	.00016	.01086
%RSD	23.093	32.942	5.3926	86.161	19.056	27.270	428.76

#1	.00012	.00007	-.02086	-.00039	-.00011	-.00048	-.00515
#2	.00009	.00012	-.01933	-.00009	-.00014	-.00071	.01021

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	-.07039	.00130	-.00054	-.23429	-.00007	-.00067
Stddev	.00004	.02560	.00010	.00008	.00354	.00008	.00004
%RSD	65.619	36.373	7.5019	15.310	1.5126	122.58	6.2375

#1	-.00003	-.05229	.00123	-.00059	-.23178	-.00001	-.00070
#2	-.00008	-.08850	.00136	-.00048	-.23679	-.00013	-.00064

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.13021	-.00020	-.00225	-.00377	-.00547	-.00070	.00540
Stddev	.00296	.00011	.00311	.00183	.00086	.00029	.00031
%RSD	2.2696	52.226	138.24	48.591	15.745	41.877	5.7117

#1	-.12812	-.00013	-.00445	-.00507	-.00608	-.00090	.00561
#2	-.13230	-.00028	-.00005	-.00247	-.00486	-.00049	.00518

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	F -.03777	-.0014	.00030	F 1.7597	F .47172		
Stddev	.00080	.0014	.00000	.3604	.15070		
%RSD	2.1163	94.58	1.0330	20.484	31.947		

#1	-.03721	-.0024	.00030	2.0146	.36516		
#2	-.03834	-.0005	.00029	1.5048	.57828		

Sample Name: PB113161BL Acquired: 9/26/2018 16:43:03 Type: Unk
Method: P4-ICP2(v2461) 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	2087.1	37183.	4322.2	103.50	3189.1
Stddev	14.5	104.	16.9	.20	17.6
%RSD	.69351	.28077	.39130	.19409	.55090
#1	2076.8	37109.	4310.3	103.36	3176.7
#2	2097.3	37256.	4334.2	103.64	3201.5

Sample Name: PB113161BS Acquired: 9/26/2018 16:47:08 Type: Unk
Method: P4-ICP2(v2461) 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	.83562	2.0521	.99743	2.0908	.83224	2.0994	.22261
Stddev	.00757	.0057	.00028	.0044	.00302	.0225	.00032
%RSD	.90621	.27727	.02793	.21132	.36231	1.0695	.14253

#1	.84097	2.0480	.99723	2.0939	.83011	2.0835	.22283
#2	.83026	2.0561	.99763	2.0876	.83437	2.1153	.22238

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19401	.19997	1.0924	.41188	.19726	.30268	3.0572
Stddev	.00007	.00064	.0079	.00196	.00034	.00010	.0148
%RSD	.03538	.31909	.72190	.47505	.17217	.03148	.48476

#1	.19406	.19952	1.0980	.41050	.19702	.30261	3.0467
#2	.19396	.20042	1.0869	.41326	.19750	.30275	3.0677

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21846	2.0405	.49256	.07213	3.0320	.31968	.20692
Stddev	.00003	.0706	.00093	.00017	.0078	.00094	.00014
%RSD	.01275	3.4593	.18847	.22906	.25650	.29371	.06546

#1	.21844	2.0904	.49191	.07225	3.0265	.32034	.20701
#2	.21847	1.9906	.49322	.07201	3.0375	.31902	.20682

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.442	.45284	.31489	F -.01102	.90982	.67329	.22359
Stddev	.044	.00125	.00062	.00007	.01151	.00423	.00065
%RSD	.41754	.27661	.19593	.61023	1.2654	.62873	.28943

#1	10.473	.45196	.31445	-.01106	.91797	.67030	.22313
#2	10.411	.45373	.31533	-.01097	.90168	.67629	.22405

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	F 1.9523	F 5.333	.21250	F 1.6196	F .47869		
Stddev	.0081	.011	.00026	.0706	.64878		
%RSD	.41285	.2047	.12047	4.3565	135.53		

#1	1.9466	5.326	.21268	1.5697	.01993		
#2	1.9580	5.341	.21232	1.6695	.93745		

Sample Name: PB113161BS Acquired: 9/26/2018 16:47:08 Type: Unk
Method: P4-ICP2(v2461) 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	2068.4	37391.	4289.5	105.78	3155.1
Stddev	15.7	93.	52.7	.83	19.9
%RSD	.76084	.24775	1.2281	.78095	.63209
#1	2057.3	37325.	4252.2	105.19	3141.0
#2	2079.6	37456.	4326.7	106.36	3169.2

Sample Name: J5052-01 Acquired: 9/26/2018 16:51:01 Type: Unk
Method: P4-ICP2(v2461) 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	.00592	.00147	.00464	.00347	-.00435	-.06627	.01917
Stddev	.00270	.00141	.00054	.00282	.00148	.00880	.00024
%RSD	45.551	96.018	11.565	81.300	34.003	13.280	1.2765

#1	.00782	.00047	.00426	.00147	-.00330	-.06004	.01900
#2	.00401	.00246	.00502	.00546	-.00539	-.07249	.01935

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00020	-.00024	121.48	-.00109	-.00057	.00209	-.02328
Stddev	.00008	.00001	.89	.00040	.00007	.00026	.00495
%RSD	41.659	4.4045	.73675	37.193	12.048	12.295	21.283

#1	.00014	-.00025	122.11	-.00137	-.00052	.00191	-.01978
#2	.00026	-.00023	120.85	-.00080	-.00062	.00227	-.02678

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02679	363.73	-.00305	-.00026	2269.4	.00038	.00093
Stddev	.00036	2.24	.00021	.00048	41.6	.00086	.00000
%RSD	1.3412	.61583	6.9867	181.09	1.8309	226.55	.19441

#1	.02654	365.32	-.00320	-.00060	2298.8	-.00023	.00092
#2	.02705	362.15	-.00290	.00007	2240.0	.00099	.00093

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	121.49	.00277	1.2395	F 313.35	.99918	-.11381	-.00051
Stddev	.99	.00041	.0046	.51	.00800	.00096	.00147
%RSD	.81794	14.808	.37395	.16359	.80072	.84215	291.32

#1	122.19	.00306	1.2428	313.71	.99352	-.11313	.00054
#2	120.78	.00248	1.2362	312.99	1.0048	-.11449	-.00155

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.49267	.1282	2.0941	5.9503	4.9447
Stddev	.00032	.0031	.0191	.0677	.3529
%RSD	.06480	2.398	.91038	1.1371	7.1377

#1	.49244	.1304	2.1076	5.9982	4.6951
#2	.49289	.1261	2.0806	5.9025	5.1942

Sample Name: J5052-01 Acquired: 9/26/2018 16:51:01 Type: Unk
Method: P4-ICP2(v2461) 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	1733.6	29879.	4013.7	92.553	2138.5
Stddev	2.7	173.	8.8	1.717	2.3
%RSD	.15806	.57834	.21885	1.8554	.10805
#1	1735.5	30001.	4007.4	93.768	2136.9
#2	1731.6	29757.	4019.9	91.339	2140.2

Sample Name: J5052-01DUP Acquired: 9/26/2018 16:55:10 Type: Unk
Method: P4-ICP2(v2461) 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	.00507	.00044	.00500	.00517	-.00352	-.06023	.01917
Stddev	.00308	.00019	.00084	.00185	.00064	.00218	.00031
%RSD	60.834	42.894	16.782	35.806	18.293	3.6183	1.6138

#1	.00289	.00031	.00441	.00386	-.00307	-.05869	.01939
#2	.00725	.00058	.00560	.00649	-.00398	-.06177	.01895

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00014	-.00033	121.38	-.00126	-.00038	.00142	-.02555
Stddev	.00001	.00005	.59	.00022	.00020	.00050	.00592
%RSD	5.9610	16.688	.48303	17.641	52.895	35.115	23.187

#1	.00014	-.00036	121.80	-.00141	-.00053	.00177	-.02974
#2	.00015	-.00029	120.97	-.00110	-.00024	.00107	-.02136

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02685	362.31	-.00178	-.00038	2132.7	.00112	.00087
Stddev	.00030	1.07	.00029	.00128	42.2	.00002	.00004
%RSD	1.1351	.29590	16.076	333.24	1.9782	1.3858	4.9428

#1	.02664	363.07	-.00158	-.00129	2162.6	.00111	.00084
#2	.02707	361.55	-.00198	.00052	2102.9	.00113	.00090

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	121.30	.00249	1.2464	F 308.72	.99958	-.11448	-.00141
Stddev	.29	.00040	.0026	3.66	.00143	.00069	.00017
%RSD	.24284	16.096	.20673	1.1856	.14280	.59882	12.326

#1	121.51	.00278	1.2483	311.31	1.0006	-.11497	-.00129
#2	121.09	.00221	1.2446	306.13	.99857	-.11400	-.00154

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.48659	.1292	2.0924	5.8367	5.4329
Stddev	.00653	.0023	.0044	.2421	.0702
%RSD	1.3427	1.790	.21082	4.1472	1.2919

#1	.49121	.1308	2.0955	5.6655	5.4825
#2	.48197	.1275	2.0893	6.0079	5.3833

Sample Name: J5052-01DUP Acquired: 9/26/2018 16:55:10 Type: Unk
Method: P4-ICP2(v2461) 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	1742.0	29871.	4009.3	91.695	2150.5
Stddev	11.0	95.	26.7	.496	18.8
%RSD	.63301	.31693	.66522	.54123	.87263
#1	1734.2	29938.	3990.5	91.344	2137.2
#2	1749.8	29804.	4028.2	92.046	2163.8

Sample Name: J5052-01LX5 Acquired: 9/26/2018 17:00:01 Type: Unk
Method: P4-ICP2(v2461) 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	.00259	.00079	.00170	.00223	-.00107	-.01435	.00297	.00015
Stddev	.00007	.00073	.00093	.00023	.00108	.00696	.00030	.00002
%RSD	2.7038	92.502	54.784	10.160	101.58	48.497	10.151	11.381

#1	.00264	.00027	.00236	.00239	-.00183	-.00943	.00319	.00016
#2	.00254	.00130	.00104	.00207	-.00030	-.01927	.00276	.00014

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	25.313	.00877	.00001	.00016	.04446	.00655	71.287
Stddev	.00009	.025	.00011	.00013	.00006	.00397	.00002	.317
%RSD	68.164	.10005	1.2990	1266.9	37.128	8.9341	.23619	.44430

#1	-.00020	25.331	.00869	.00010	.00020	.04727	.00654	71.063
#2	-.00007	25.295	.00885	-.00008	.00011	.04165	.00656	71.511

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00498	.00007	539.84	.00062	.00065	23.197	.00151	.25925
Stddev	.00033	.00065	1.50	.00104	.00003	.007	.00009	.00077
%RSD	6.5287	942.85	.27858	166.93	5.3572	.03123	5.8948	.29705

#1	.00521	-.00039	538.78	-.00011	.00068	23.192	.00157	.25871
#2	.00475	.00053	540.91	.00136	.00063	23.202	.00144	.25980

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	55.115	.19018	-.01951	.00274	.13418	.0178	.42302	4.4331
Stddev	.334	.00109	.00035	.00040	.01524	.0022	.00088	.1319
%RSD	.60617	.57418	1.7808	14.466	11.356	12.46	.20725	2.9749

#1	55.352	.19095	-.01927	.00302	.12340	.0194	.42240	4.3399
#2	54.879	.18941	-.01976	.00246	.14495	.0162	.42364	4.5264

Elem	U_3859
Units	ppm
Avg	3.2653
Stddev	.5483
%RSD	16.791

#1	3.6530
#2	2.8776

Sample Name: J5052-01LX5 Acquired: 9/26/2018 17:00:01 Type: Unk
Method: P4-ICP2(v2461) 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	1883.3	32760.	4136.0	98.802	2519.6
Stddev	10.2	12.	27.5	.790	19.8
%RSD	.53904	.03712	.66492	.80007	.78724
#1	1876.1	32751.	4155.4	99.361	2505.6
#2	1890.5	32768.	4116.5	98.243	2533.7

Sample Name: J5052-01MS Acquired: 9/26/2018 17:04:09 Type: Unk
Method: P4-ICP2(v2461) 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	.96593	2.0188	1.0930	2.4552	.88259	2.3886	.23430
Stddev	.00755	.0187	.0056	.0165	.00540	.0112	.00158
%RSD	.78120	.92702	.51275	.67084	.61132	.46859	.67269

#1	.97126	2.0320	1.0970	2.4669	.88640	2.3807	.23541
#2	.96059	2.0055	1.0891	2.4436	.87877	2.3965	.23318

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25515	.22484	120.90	.38789	.21174	.26833	3.0305
Stddev	.00044	.00196	.25	.00085	.00219	.00245	.0587
%RSD	.17132	.87166	.20940	.21985	1.0329	.91183	1.9366

#1	.25546	.22623	121.08	.38729	.21328	.27006	3.0720
#2	.25484	.22346	120.72	.38849	.21019	.26660	2.9890

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23159	361.65	.52194	.08939	2132.4	.31512	.22014
Stddev	.00041	2.02	.00603	.00055	5.0	.00064	.00588
%RSD	.17673	.55989	1.1547	.61926	.23584	.20350	2.6688

#1	.23188	363.08	.52620	.08900	2135.9	.31466	.22430
#2	.23130	360.21	.51768	.08978	2128.8	.31557	.21599

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	132.43	.40140	1.5265	F 304.95	1.9505	.63433	.20968
Stddev	.25	.00294	.0176	1.24	.0069	.00690	.00186
%RSD	.19172	.73332	1.1531	.40553	.35156	1.0876	.88714

#1	132.61	.40348	1.5389	305.83	1.9553	.63921	.21100
#2	132.25	.39932	1.5140	304.08	1.9456	.62945	.20837

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	2.6562	8.208	2.2966	5.9045	5.5029
Stddev	.0010	.049	.0090	.1167	1.0410
%RSD	.03971	.5909	.39028	1.9770	18.917

#1	2.6570	8.242	2.3029	5.9870	6.2390
#2	2.6555	8.174	2.2902	5.8220	4.7668

Sample Name: J5052-01MS Acquired: 9/26/2018 17:04:09 Type: Unk
Method: P4-ICP2(v2461) 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	1744.1	30262.	3951.6	91.185	2126.5
Stddev	1.5	40.	18.3	2.052	4.1
%RSD	.08371	.13089	.46226	2.2509	.19226
#1	1743.1	30234.	3938.7	89.734	2123.7
#2	1745.1	30290.	3964.6	92.637	2129.4

Sample Name: J5052-01MSD Acquired: 9/26/2018 17:08:06 Type: Unk
Method: P4-ICP2(v2461) 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	.97554	2.0201	1.0941	2.4612	.89111	2.4268	.23200
Stddev	.00631	.0043	.0024	.0101	.00312	.0049	.00063
%RSD	.64725	.21401	.21456	.40823	.34968	.20258	.27233

#1	.97108	2.0170	1.0924	2.4541	.88891	2.4303	.23155
#2	.98000	2.0231	1.0958	2.4683	.89331	2.4234	.23245

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25541	.22560	120.13	.38735	.21213	.27038	2.9218
Stddev	.00007	.00013	.62	.00091	.00069	.00002	.0581
%RSD	.02861	.05737	.51289	.23566	.32675	.00630	1.9882

#1	.25536	.22551	119.70	.38800	.21164	.27037	2.9629
#2	.25547	.22569	120.57	.38671	.21262	.27039	2.8807

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23284	357.77	.52207	.08991	2039.8	.31376	.21407
Stddev	.00055	2.64	.00118	.00071	28.8	.00031	.00351
%RSD	.23621	.73921	.22676	.78871	1.4123	.09933	1.6387

#1	.23245	355.90	.52123	.09041	2019.4	.31398	.21655
#2	.23323	359.64	.52291	.08941	2060.1	.31354	.21159

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	131.29	.40277	1.5241	F 302.84	1.9065	.63651	.21130
Stddev	.74	.00065	.0059	1.28	.0133	.00025	.00038
%RSD	.56522	.16234	.38403	.42255	.69706	.03948	.18138

#1	130.77	.40231	1.5283	301.93	1.8971	.63633	.21103
#2	131.82	.40324	1.5200	303.74	1.9159	.63669	.21157

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	2.6347	8.208	2.2789	6.0656	5.7176
Stddev	.0020	.017	.0117	.0569	.5989
%RSD	.07621	.2051	.51499	.93803	10.474

#1	2.6361	8.220	2.2706	6.1058	5.2942
#2	2.6333	8.196	2.2872	6.0253	6.1411

Sample Name: J5052-01MSD Acquired: 9/26/2018 17:08:06 Type: Unk
Method: P4-ICP2(v2461) 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	1742.8	30116.	4001.4	93.866	2133.0
Stddev	14.3	15.	30.5	1.118	14.0
%RSD	.82246	.04916	.76244	1.1912	.65705
#1	1753.0	30105.	4023.0	93.076	2142.9
#2	1732.7	30126.	3979.8	94.657	2123.1

Sample Name: J5052-01A Acquired: 9/26/2018 17:12:02 Type: Unk
Method: P4-ICP2(v2461) 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	.96316	1.9989	1.0826	2.4301	.88014	2.3910	.23165
Stddev	.00136	.0016	.0007	.0012	.00082	.0532	.00096
%RSD	.14141	.08181	.06227	.04749	.09361	2.2259	.41436

#1	.96220	2.0001	1.0831	2.4293	.87955	2.3534	.23097
#2	.96413	1.9978	1.0822	2.4309	.88072	2.4287	.23233

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25422	.22324	119.16	.38527	.20964	.26663	3.0138
Stddev	.00071	.00034	.35	.00252	.00097	.00156	.0454
%RSD	.27946	.15193	.28977	.65312	.46101	.58394	1.5067

#1	.25472	.22348	119.40	.38349	.21032	.26773	2.9817
#2	.25372	.22300	118.91	.38705	.20895	.26553	3.0459

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23118	354.34	.51662	.08867	1999.8	.31209	.21668
Stddev	.00022	1.22	.00123	.00020	25.9	.00124	.00093
%RSD	.09491	.34448	.23870	.23104	1.2926	.39621	.42942

#1	.23102	355.20	.51749	.08882	2018.1	.31122	.21602
#2	.23133	353.48	.51575	.08853	1981.5	.31297	.21734

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	130.24	.39958	1.5271	F 302.75	1.8956	.62979	.20983
Stddev	.46	.00131	.0190	.95	.0137	.00003	.00064
%RSD	.35235	.32769	1.2424	.31298	.71998	.00438	.30513

#1	130.57	.40051	1.5137	302.08	1.9052	.62981	.20938
#2	129.92	.39865	1.5405	303.42	1.8859	.62977	.21028

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	2.6370	8.126	2.2629	6.0961	5.2039
Stddev	.0069	.013	.0045	.1961	.2424
%RSD	.26033	.1587	.20023	3.2167	4.6584

#1	2.6321	8.117	2.2661	6.2348	5.0325
#2	2.6418	8.135	2.2597	5.9574	5.3753

Sample Name: J5052-01A Acquired: 9/26/2018 17:12:02 Type: Unk
Method: P4-ICP2(v2461) 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	1739.7	30082.	4001.0	91.513	2125.4
Stddev	4.7	3.	20.3	.796	8.0
%RSD	.27076	.00903	.50705	.86953	.37416
#1	1743.0	30080.	3986.7	92.075	2131.1
#2	1736.4	30084.	4015.4	90.950	2119.8

Sample Name: J4773-11 Acquired: 9/26/2018 17:15:59 Type: Unk
Method: P4-ICP2(v2461) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-02-092518 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04744	-.02861	.18694	-.03160	.00048	129.54	.61641
Stddev	.00299	.00034	.00231	.00304	.00138	.25	.00253
%RSD	6.2926	1.1722	1.2341	9.6340	285.12	.19344	.41119

#1	.04533	-.02885	.18531	-.03375	-.00049	129.37	.61820
#2	.04955	-.02838	.18857	-.02945	.00146	129.72	.61462

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00167	.00760	52.452	.15935	.11743	.43829	239.32
Stddev	.00011	.00019	.099	.00034	.00068	.00014	.04
%RSD	6.4261	2.5207	.18920	.21100	.58121	.03102	.01674

#1	.00160	.00746	52.522	.15958	.11694	.43819	239.29
#2	.00175	.00773	52.382	.15911	.11791	.43839	239.35

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.3747	48.306	.20759	-.00507	7.4311	.39425	.43084
Stddev	.0053	.007	.00002	.00049	.0155	.00561	.00117
%RSD	.15797	.01396	.01111	9.6275	.20907	1.4236	.27081

#1	3.3709	48.302	.20761	-.00542	7.4201	.39822	.43001
#2	3.3785	48.311	.20757	-.00473	7.4421	.39028	.43166

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.0018	.00466	.24536	6.5622	1.8724	.01804	3.2145
Stddev	.0441	.00064	.00556	.0054	.0294	.00002	.0049
%RSD	.48999	13.752	2.2655	.08287	1.5722	.13601	.15224

#1	9.0329	.00421	.24143	6.5661	1.8932	.01806	3.2110
#2	8.9706	.00511	.24929	6.5584	1.8515	.01802	3.2180

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	1.1698	5.694	.12982	F<.00000	26.301		
Stddev	.0003	.009	.00061	.54941	.370		
%RSD	.02190	.1656	.47233	2.2459	1.4056		

#1	1.1696	5.687	.12939	-24.852	26.562		
#2	1.1700	5.701	.13025	-24.075	26.040		

Sample Name: J4773-11 Acquired: 9/26/2018 17:15:59 Type: Unk
Method: P4-ICP2(v2461) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-02-092518 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	2283.6	41134.	5164.0	101.79	2667.2
Stddev	17.5	129.	46.2	.43	14.9
%RSD	.76499	.31294	.89467	.41767	.55726
#1	2271.3	41043.	5131.3	101.49	2656.7
#2	2296.0	41225.	5196.6	102.09	2677.7

Sample Name: J4773-13 Acquired: 9/26/2018 17:19:57 Type: Unk
Method: P4-ICP2(v2461) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-02-092518 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05620	-.03246	.38449	-.03359	.00180	128.23	.58806
Stddev	.00233	.00365	.00044	.00404	.00167	.51	.00304
%RSD	4.1521	11.237	.11464	12.025	92.780	.39995	.51663

#1	.05785	-.02988	.38418	-.03074	.00062	127.87	.59021
#2	.05455	-.03504	.38481	-.03645	.00299	128.59	.58592

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00169	.00764	44.481	.15350	.11719	.33152	230.05
Stddev	.00003	.00002	.091	.00063	.00033	.00008	.06
%RSD	1.7797	.22759	.20446	.40979	.28179	.02542	.02587

#1	.00171	.00763	44.545	.15394	.11695	.33146	230.10
#2	.00167	.00766	44.417	.15305	.11742	.33158	230.01

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.0887	50.016	.23007	-.00580	7.5860	.43930	.58982
Stddev	.0052	.303	.00077	.00037	.0120	.00213	.00027
%RSD	.16741	.60582	.33452	6.2984	.15854	.48520	.04659

#1	3.0851	50.231	.23062	-.00554	7.5945	.43780	.59002
#2	3.0924	49.802	.22953	-.00606	7.5775	.44081	.58963

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.8720	.00615	.34682	3.3349	2.2284	.03294	3.7185
Stddev	.0214	.00002	.01259	.0025	.0037	.00044	.0120
%RSD	.27167	.36348	3.6293	.07524	.16621	1.3428	.32134

#1	7.8872	.00617	.35572	3.3367	2.2258	.03325	3.7270
#2	7.8569	.00613	.33792	3.3331	2.2310	.03263	3.7101

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	1.4315	4.767	.15088	F<.00000	25.946		
Stddev	.0037	.010	.00132	.24535	.098		
%RSD	.25705	.2016	.87529	1.0279	.37721		

#1	1.4341	4.760	.15181	-23.695	26.015		
#2	1.4289	4.774	.14995	-24.042	25.877		

Sample Name: J4773-13 Acquired: 9/26/2018 17:19:57 Type: Unk
Method: P4-ICP2(v2461) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-02-092518 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	2301.6	41245.	5108.3	102.24	2698.8
Stddev	16.8	9.	38.7	.34	19.1
%RSD	.72998	.02098	.75669	.33335	.70915
#1	2289.7	41238.	5080.9	102.00	2685.2
#2	2313.5	41251.	5135.6	102.48	2712.3

Sample Name: CCV07 Acquired: 9/26/2018 17:23:54 Type: Unk
Method: P4-ICP2(v2461) 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	4.9545	4.8878	4.8638	5.0568	5.0018	10.235	10.090
Stddev	.0008	.0010	.0041	.0065	.0017	.144	.067
%RSD	.01556	.02086	.08483	.12867	.03368	1.4039	.66524

#1	4.9539	4.8885	4.8608	5.0614	5.0006	10.336	10.043
#2	4.9550	4.8871	4.8667	5.0522	5.0030	10.133	10.138

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24702	2.4306	24.730	.94959	2.4244	1.2156	4.9235
Stddev	.00009	.0016	.040	.00289	.0005	.0034	.0187
%RSD	.03644	.06596	.16175	.30458	.01883	.27804	.38082

#1	.24696	2.4294	24.758	.94755	2.4240	1.2180	4.9368
#2	.24709	2.4317	24.701	.95164	2.4247	1.2132	4.9103

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4802	24.397	2.4308	1.2230	24.385	2.4531	2.5327
Stddev	.0001	.043	.0040	.0034	.248	.0006	.0289
%RSD	.00305	.17788	.16231	.27383	1.0170	.02607	1.1389

#1	2.4802	24.427	2.4280	1.2206	24.210	2.4536	2.5123
#2	2.4803	24.366	2.4336	1.2253	24.560	2.4527	2.5531

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.673	5.0228	5.0757	4.9467	4.7314	4.8063	5.0026
Stddev	.279	.0008	.0193	.0124	.0591	.0170	.0129
%RSD	1.1309	.01547	.37917	.25053	1.2486	.35433	.25797

#1	24.476	5.0234	5.0621	4.9555	4.6897	4.7943	5.0118
#2	24.871	5.0223	5.0893	4.9380	4.7732	4.8183	4.9935

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	4.7288	5.046	4.9513	F 2.4262	F 3.0270		
Stddev	.0063	.006	.0568	.0860	.2580		
%RSD	.13248	.1135	1.1463	3.5461	8.5232		

#1	4.7244	5.050	4.9112	2.3654	3.2094		
#2	4.7332	5.042	4.9914	2.4870	2.8446		

Sample Name: CCV07 Acquired: 9/26/2018 17:23:54 Type: Unk
Method: P4-ICP2(v2461) 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	1996.9	35610.	4229.8	97.960	2797.1
Stddev	5.6	111.	31.7	.918	4.8
%RSD	.27997	.31175	.75009	.93725	.17200
#1	1993.0	35532.	4252.2	98.610	2793.7
#2	2000.9	35689.	4207.3	97.311	2800.6

Sample Name: CCB07 Acquired: 9/26/2018 17:27:44 Type: Unk
Method: P4-ICP2(v2461) 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	-.00170	-.00045	-.00126	.00114	.00041	-.00858	-.00145
Stddev	.00035	.00071	.00014	.00316	.00003	.00369	.00048
%RSD	20.704	157.39	11.516	278.39	8.4879	43.057	33.056

#1	-.00145	-.00096	-.00116	-.00110	.00038	-.01119	-.00179
#2	-.00195	.00005	-.00136	.00337	.00043	-.00597	-.00111

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00004	-.01639	.00044	-.00013	-.00065	.00807
Stddev	.00005	.00008	.01055	.00004	.00008	.00016	.00173
%RSD	236.65	188.24	64.341	8.1174	60.256	25.272	21.488

#1	-.00001	-.00001	-.00894	.00041	-.00018	-.00076	.00684
#2	.00005	.00010	-.02385	.00046	-.00007	-.00053	.00929

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	-.05403	.00159	-.00053	.57641	-.00037	-.00055
Stddev	.00000	.00934	.00007	.00041	.01938	.00025	.00007
%RSD	3.6142	17.281	4.3148	77.145	3.3629	66.955	12.263

#1	-.00008	-.04743	.00164	-.00082	.56270	-.00055	-.00051
#2	-.00008	-.06064	.00154	-.00024	.59012	-.00020	-.00060

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08702	.00060	.00507	.00307	-.00418	-.00067	.00243
Stddev	.01390	.00013	.00390	.00128	.00027	.00038	.00012
%RSD	15.970	21.229	76.841	41.736	6.4637	56.339	5.0597

#1	.07719	.00051	.00232	.00216	-.00399	-.00040	.00234
#2	.09685	.00068	.00783	.00397	-.00437	-.00093	.00252

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	-.02377	-.0025	.00029	F 1.8983	F .66368		
Stddev	.00462	.0011	.00005	.1457	.10115		
%RSD	19.455	44.25	16.939	7.6745	15.241		

#1	-.02704	-.0033	.00032	2.0013	.73520		
#2	-.02050	-.0017	.00026	1.7953	.59215		

Sample Name: CCB07 Acquired: 9/26/2018 17:27:44 Type: Unk
Method: P4-ICP2(v2461) 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	2083.4	37127.	4240.5	100.92	3170.3
Stddev	6.8	16.	39.0	.57	3.0
%RSD	.32510	.04207	.92009	.56532	.09573
#1	2078.6	37116.	4212.9	100.51	3168.2
#2	2088.2	37138.	4268.1	101.32	3172.4

Sample Name: PB113231BL Acquired: 9/26/2018 17:31:49 Type: Unk
Method: P4-ICP2(v2461) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB113231BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00213	.00078	-.00157	-.00032	.00096	-.01372	-.00093
Stddev	.00098	.00055	.00047	.00245	.00247	.00364	.00046
%RSD	46.177	70.915	29.911	769.40	257.33	26.536	49.966

#1	-.00282	.00039	-.00190	-.00205	-.00079	-.01630	-.00126
#2	-.00143	.00116	-.00124	.00142	.00271	-.01115	-.00060

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.00010	-.00469	.00001	.00001	-.00036	-.01165
Stddev	.00000	.00004	.00195	.00008	.00013	.00023	.01007
%RSD	8.6737	44.392	41.690	738.52	1148.7	65.579	86.388

#1	.00005	.00007	-.00331	-.00005	-.00008	-.00019	-.01877
#2	.00006	.00013	-.00607	.00007	.00010	-.00052	-.00453

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	-.03845	.00107	-.00026	.32311	-.00048	-.00064
Stddev	.00004	.09096	.00007	.00002	.03235	.00006	.00008
%RSD	78.712	236.54	6.4753	7.5658	10.011	13.368	12.008

#1	-.00008	.02586	.00112	-.00025	.30024	-.00044	-.00069
#2	-.00002	-.10277	.00102	-.00028	.34598	-.00053	-.00058

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04710	.00005	-.00007	-.00313	-.00448	-.00108	.00225
Stddev	.02527	.00008	.00516	.00027	.00208	.00072	.00085
%RSD	53.643	173.69	7725.1	8.7539	46.441	66.281	37.885

#1	.02924	.00011	-.00372	-.00333	-.00595	-.00159	.00285
#2	.06497	-.00001	.00358	-.00294	-.00301	-.00057	.00165

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	F -.02267	-.0028	.00020	F 1.7786	F .70569		
Stddev	.00574	.0000	.00004	.1381	.09963		
%RSD	25.306	.3809	18.631	7.7661	14.118		

#1	-.02673	-.0028	.00018	1.8763	.77614		
#2	-.01862	-.0028	.00023	1.6809	.63524		

Sample Name: PB113231BL Acquired: 9/26/2018 17:31:49 Type: Unk
Method: P4-ICP2(v2461) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB113231BL 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	2070.4	37020.	4259.6	103.99	3156.3
Stddev	11.2	122.	1.5	2.61	10.8
%RSD	.53882	.33063	.03562	2.5114	.34211
#1	2062.5	36934.	4258.5	105.83	3148.7
#2	2078.3	37107.	4260.6	102.14	3163.9

Sample Name: PB113231BS Acquired: 9/26/2018 17:35:53 Type: Unk
Method: P4-ICP2(v2461) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB113231BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.75291	1.8947	.91442	1.9100	.73628	1.8606	.19501
Stddev	.00308	.0036	.00269	.0052	.00165	.0064	.00035
%RSD	.40965	.18877	.29430	.27157	.22429	.34624	.17861

#1	.75073	1.8972	.91251	1.9063	.73512	1.8560	.19476
#2	.75509	1.8921	.91632	1.9137	.73745	1.8651	.19525

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17921	.18214	.95038	.36004	.17589	.27041	2.6705
Stddev	.00032	.00020	.00037	.00104	.00003	.00133	.0468
%RSD	.17794	.10946	.03882	.28948	.01488	.49103	1.7528

#1	.17899	.18200	.95012	.35931	.17587	.26947	2.6374
#2	.17944	.18228	.95064	.36078	.17591	.27135	2.7036

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19336	1.7794	.44360	.06527	2.9681	.28067	.18754
Stddev	.00059	.0022	.00024	.00052	.0146	.00250	.00293
%RSD	.30441	.12582	.05450	.79458	.49065	.89064	1.5626

#1	.19295	1.7809	.44343	.06491	2.9578	.28244	.18546
#2	.19378	1.7778	.44377	.06564	2.9784	.27891	.18961

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.3462	.38693	.27319	F -.00466	.83796	.60582	.19632
Stddev	.0027	.00036	.00540	.00334	.00716	.00305	.00259
%RSD	.02867	.09386	1.9774	71.754	.85394	.50419	1.3169

#1	9.3443	.38667	.27701	-.00230	.84302	.60798	.19450
#2	9.3481	.38718	.26937	-.00702	.83290	.60366	.19815

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F 1.7177	4.947	.18638	F 2.0930	.88378
Stddev	.0052	.001	.00078	.2963	.40355
%RSD	.30016	.0184	.42056	14.157	45.663

#1	1.7141	4.948	.18693	1.8835	1.1691
#2	1.7214	4.947	.18583	2.3025	.59842

Sample Name: PB113231BS Acquired: 9/26/2018 17:35:53 Type: Unk
Method: P4-ICP2(v2461) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB113231BS 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	2058.2	36910.	4226.7	103.21	3085.2
Stddev	3.6	12.	12.3	1.20	6.2
%RSD	.17584	.03338	.29121	1.1580	.20147
#1	2055.6	36901.	4235.4	104.05	3080.8
#2	2060.8	36919.	4218.0	102.36	3089.6

Sample Name: J4773-15 Acquired: 9/26/2018 17:39:45 Type: Unk
Method: P4-ICP2(v2461) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-02-092518 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04116	-.03232	.16950	-.03036	-.00138	109.44	.65694
Stddev	.00289	.00046	.00060	.00162	.00349	.02	.00662
%RSD	7.0189	1.4342	.35631	5.3280	253.80	.02269	1.0075

#1	.03912	-.03199	.16907	-.03150	.00109	109.46	.66162
#2	.04320	-.03264	.16993	-.02922	-.00384	109.43	.65226

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00203	.00649	46.727	.18404	.11275	.29601	220.04
Stddev	.00004	.00029	.225	.00057	.00048	.00019	2.00
%RSD	1.7831	4.3970	.48172	.31177	.42204	.06490	.91106

#1	.00201	.00669	46.886	.18445	.11241	.29614	218.62
#2	.00206	.00629	46.568	.18364	.11308	.29587	221.46

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.8705	47.790	.20626	-.00389	3.9823	.35530	.45403
Stddev	.0034	.259	.00003	.00034	.0173	.00148	.00277
%RSD	.08916	.54256	.01355	8.6373	.43480	.41689	.61060

#1	3.8681	47.974	.20628	-.00413	3.9946	.35635	.45207
#2	3.8730	47.607	.20624	-.00366	3.9701	.35426	.45599

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.246	.00275	.18701	5.6488	2.0091	.01707	3.5005
Stddev	.107	.00008	.00059	.0036	.0236	.00078	.0027
%RSD	.80782	2.7338	.31738	.06396	1.1735	4.5458	.07599

#1	13.321	.00270	.18743	5.6462	1.9925	.01762	3.5024
#2	13.170	.00281	.18659	5.6513	2.0258	.01652	3.4987

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	1.2749	7.343	.12074	F<.00000	26.067		
Stddev	.0020	.010	.00044	.36071	.469		
%RSD	.15697	.1348	.36568	1.6137	1.8002		

#1	1.2735	7.350	.12105	-22.098	26.399		
#2	1.2763	7.336	.12042	-22.608	25.735		

Sample Name: J4773-15 Acquired: 9/26/2018 17:39:45 Type: Unk
Method: P4-ICP2(v2461) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-02-092518 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	2323.5	41582.	5138.1	101.59	2715.4
Stddev	.0	83.	22.5	.64	2.2
%RSD	.00125	.19908	.43872	.62783	.08152
#1	2323.4	41523.	5122.2	102.05	2713.8
#2	2323.5	41640.	5154.1	101.14	2717.0

Sample Name: J4773-17 Acquired: 9/26/2018 17:43:38 Type: Unk
Method: P4-ICP2(v2461) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-02-092518 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03534	-.02690	.13382	-.02177	.00061	89.962	.50541
Stddev	.00392	.00105	.00065	.00402	.00044	.017	.00265
%RSD	11.083	3.8886	.48592	18.448	72.792	.01906	.52364

#1	.03257	-.02616	.13336	-.01893	.00092	89.975	.50728
#2	.03811	-.02764	.13428	-.02461	.00030	89.950	.50354

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00077	.00455	47.785	.12500	.09454	.39504	181.34
Stddev	.00002	.00013	.124	.00048	.00009	.00102	3.15
%RSD	2.0799	2.8865	.25953	.38661	.09037	.25853	1.7396

#1	.00078	.00446	47.872	.12534	.09460	.39432	183.57
#2	.00076	.00465	47.697	.12466	.09448	.39576	179.11

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6889	41.149	.17526	-.00415	2.9094	.27214	.39344
Stddev	.0045	.233	.00018	.00013	.0173	.00014	.00521
%RSD	.16843	.56642	.10308	3.2090	.59505	.05120	1.3241

#1	2.6857	41.314	.17539	-.00406	2.9216	.27204	.39713
#2	2.6921	40.985	.17513	-.00425	2.8971	.27224	.38976

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.462	.00508	.24627	5.7730	2.1158	.01444	3.0866
Stddev	.020	.00011	.01646	.0027	.0027	.00067	.0077
%RSD	.17560	2.2320	6.6817	.04747	.12796	4.6528	.24814

#1	11.476	.00500	.25790	5.7710	2.1139	.01492	3.0920
#2	11.448	.00516	.23463	5.7749	2.1177	.01397	3.0811

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	1.1161	10.02	.09484	F<.00000	23.654		
Stddev	.0041	.05	.00063	.11449	.048		
%RSD	.36761	.4701	.65978	.64581	.20484		

#1	1.1132	9.983	.09528	-17.809	23.688		
#2	1.1190	10.05	.09439	-17.647	23.619		

Sample Name: J4773-17 Acquired: 9/26/2018 17:43:38 Type: Unk
Method: P4-ICP2(v2461) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-02-092518 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	2314.0	41300.	5027.7	101.30	2777.5
Stddev	17.2	3.	28.4	2.02	13.2
%RSD	.74459	.00835	.56438	1.9928	.47487
#1	2301.8	41303.	5007.7	99.875	2768.1
#2	2326.2	41298.	5047.8	102.73	2786.8

Sample Name: J4773-19 Acquired: 9/26/2018 17:47:32 Type: Unk
Method: P4-ICP2(v2461) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-02-092518 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03883	-.03053	.17496	-.02909	.00132	113.97	.57093
Stddev	.00487	.00071	.00078	.00284	.00187	.21	.00007
%RSD	12.542	2.3190	.44837	9.7560	142.02	.18428	.01185

#1	.03538	-.03103	.17441	-.02708	-.00001	114.11	.57088
#2	.04227	-.03002	.17552	-.03109	.00265	113.82	.57098

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00124	.00675	68.883	.13663	.14267	.39553	215.01
Stddev	.00017	.00006	.108	.00018	.00059	.00175	1.41
%RSD	13.533	.82563	.15728	.13479	.41606	.44134	.65597

#1	.00136	.00679	68.807	.13676	.14309	.39430	216.01
#2	.00112	.00671	68.960	.13650	.14225	.39676	214.02

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.0297	51.297	.20662	-.00414	5.7467	.34658	.48207
Stddev	.0043	.267	.00074	.00066	.0270	.00212	.00163
%RSD	.14096	.52123	.35747	15.890	.46891	.61098	.33789

#1	3.0328	51.108	.20610	-.00367	5.7277	.34808	.48322
#2	3.0267	51.486	.20714	-.00460	5.7658	.34508	.48092

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.472	.00249	.21224	8.2798	1.9544	.01344	3.3344
Stddev	.029	.00024	.01156	.0024	.0074	.00015	.0001
%RSD	.27973	9.6041	5.4468	.02961	.38048	1.1518	.00160

#1	10.451	.00266	.22041	8.2815	1.9492	.01333	3.3345
#2	10.492	.00233	.20407	8.2780	1.9597	.01355	3.3344

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	1.1940	6.960	.11532	F<.00000	26.500
Stddev	.0073	.008	.00013	.02695	.549
%RSD	.61254	.1118	.11629	.12639	2.0730

#1	1.1888	6.966	.11542	-21.344	26.112
#2	1.1992	6.955	.11523	-21.305	26.889

Sample Name: J4773-19 Acquired: 9/26/2018 17:47:32 Type: Unk
Method: P4-ICP2(v2461) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-02-092518 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	2285.9	41221.	5131.3	101.94	2684.0
Stddev	1.6	154.	1.4	.98	3.1
%RSD	.07106	.37428	.02769	.95899	.11606
#1	2284.8	41112.	5132.3	101.25	2681.8
#2	2287.0	41330.	5130.3	102.63	2686.2

Sample Name: J5074-01 Acquired: 9/26/2018 17:51:25 Type: Unk
Method: P4-ICP2(v2461) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CA-SOIL-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02471	-.00760	.07690	-.02017	.00065	99.162	.44147
Stddev	.00180	.00016	.00107	.00212	.00087	.842	.00308
%RSD	7.2840	2.1176	1.3885	10.513	134.34	.84908	.69847

#1	.02343	-.00772	.07765	-.01867	.00003	98.567	.44365
#2	.02598	-.00749	.07614	-.02167	.00127	99.758	.43928

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00198	.00226	2.0579	.19187	.04764	.07460	131.58
Stddev	.00002	.00003	.0052	.00121	.00032	.00040	1.22
%RSD	.86607	1.5268	.25412	.62861	.67620	.54187	.92683

#1	.00197	.00224	2.0616	.19102	.04742	.07431	132.44
#2	.00200	.00228	2.0542	.19272	.04787	.07489	130.71

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.62036	17.816	.12476	-.00250	2.9899	.26587	.40396
Stddev	.00319	.011	.00009	.00069	.0007	.00157	.00547
%RSD	.51380	.06050	.07447	27.582	.02363	.59053	1.3531

#1	.61810	17.824	.12483	-.00202	2.9894	.26476	.40783
#2	.62261	17.808	.12469	-.00299	2.9904	.26698	.40010

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9062	-.00005	.09528	1.5032	3.1398	.00530	.80108
Stddev	.0018	.00031	.00677	.0016	.0378	.00113	.00042
%RSD	.03564	602.85	7.1017	.10820	1.2037	21.241	.05208

#1	4.9074	-.00027	.10007	1.5020	3.1665	.00450	.80078
#2	4.9049	.00017	.09050	1.5043	3.1130	.00609	.80137

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	.96681	.9854	.02584	F<.00000	18.960		
Stddev	.00255	.0038	.00028	.39735	.137		
%RSD	.26344	.3840	1.0801	3.1577	.72317		

#1	.96501	.9880	.02564	-12.865	19.057		
#2	.96861	.9827	.02603	-12.303	18.863		

Sample Name: J5074-01 Acquired: 9/26/2018 17:51:25 Type: Unk
Method: P4-ICP2(v2461) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CA-SOIL-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	2245.5	39954.	4820.1	101.83	2903.0
Stddev	2.0	188.	30.3	1.39	9.6
%RSD	.09047	.47163	.62955	1.3679	.33142
#1	2244.1	40087.	4798.6	100.84	2896.2
#2	2247.0	39821.	4841.5	102.81	2909.8

Sample Name: J5074-11 Acquired: 9/26/2018 17:55:25 Type: Unk
Method: P4-ICP2(v2461) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CA-SOIL-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03587	-.00686	.10637	-.01597	-.00026	101.39	.39781
Stddev	.00130	.00044	.00095	.00271	.00167	.83	.00018
%RSD	3.6161	6.4454	.89747	16.964	633.82	.82212	.04451

#1	.03679	-.00717	.10569	-.01405	-.00144	100.80	.39768
#2	.03496	-.00655	.10704	-.01789	.00092	101.98	.39793

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00408	.00464	3.8430	.17303	.06946	.12709	123.24
Stddev	.00017	.00013	.0101	.00046	.00030	.00121	1.43
%RSD	4.0552	2.7243	.26267	.26369	.43390	.94866	1.1631

#1	.00420	.00473	3.8358	.17270	.06967	.12795	122.22
#2	.00397	.00455	3.8501	.17335	.06924	.12624	124.25

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.69389	20.297	.16175	-.00251	2.1742	.21810	.52575
Stddev	.00374	.038	.00077	.00005	.0126	.00364	.00769
%RSD	.53831	.18858	.47529	2.0871	.58017	1.6696	1.4627

#1	.69124	20.270	.16229	-.00255	2.1653	.21553	.52031
#2	.69653	20.324	.16121	-.00248	2.1831	.22067	.53119

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2566	.00099	.09106	1.5073	3.4680	.00713	.61873
Stddev	.0253	.00038	.00726	.0007	.0182	.00089	.00069
%RSD	.48054	37.954	7.9712	.04565	.52488	12.466	.11118

#1	5.2387	.00073	.08593	1.5068	3.4551	.00650	.61824
#2	5.2744	.00126	.09619	1.5078	3.4808	.00776	.61922

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	1.1771	1.405	.03728	F<.00000	18.248		
Stddev	.0068	.003	.00031	.02367	.641		
%RSD	.57476	.2246	.84283	.18341	3.5131		

#1	1.1723	1.403	.03706	-12.888	17.795		
#2	1.1819	1.407	.03751	-12.922	18.702		

Sample Name: J5074-11 Acquired: 9/26/2018 17:55:25 Type: Unk
Method: P4-ICP2(v2461) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CA-SOIL-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	2332.1	41428.	5066.0	106.29	2898.8
Stddev	5.1	212.	14.5	1.20	5.9
%RSD	.21891	.51257	.28677	1.1330	.20193
#1	2328.5	41579.	5055.8	107.14	2894.6
#2	2335.7	41278.	5076.3	105.44	2902.9

Sample Name: J5077-01 Acquired: 9/26/2018 17:59:23 Type: Unk
Method: P4-ICP2(v2461) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PARCEL-186-0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08082	-.03143	.97452	-.05239	.00186	201.58	1.0334
Stddev	.00341	.00069	.00092	.00510	.00085	.24	.0014
%RSD	4.2212	2.1937	.09395	9.7325	45.883	.11833	.13886

#1	.08323	-.03094	.97517	-.05599	.00126	201.75	1.0324
#2	.07841	-.03192	.97388	-.04878	.00246	201.41	1.0345

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00496	.01901	40.118	.25849	.17990	.37390	382.79
Stddev	.00000	.00022	.064	.00196	.00062	.00187	4.98
%RSD	.03291	1.1833	.15860	.75779	.34711	.49968	1.2999

#1	.00496	.01885	40.073	.25711	.17945	.37258	386.31
#2	.00496	.01917	40.163	.25988	.18034	.37522	379.27

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.2702	47.858	.30865	-.00017	2.5556	.58522	1.6398
Stddev	.0004	.079	.00046	.00041	.0024	.00494	.0244
%RSD	.00511	.16415	.14924	245.58	.09503	.84479	1.4862

#1	8.2699	47.802	.30833	-.00046	2.5539	.58872	1.6571
#2	8.2705	47.913	.30898	.00012	2.5573	.58173	1.6226

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.8198	.00342	.29891	3.7614	3.2131	.05158	2.0391
Stddev	.0070	.00039	.01121	.0170	.0346	.00189	.0021
%RSD	.07980	11.260	3.7488	.45296	1.0766	3.6660	.10202

#1	8.8148	.00315	.30683	3.7494	3.1887	.05024	2.0376
#2	8.8248	.00369	.29098	3.7735	3.2376	.05292	2.0406

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	2.0092	10.10	.20968	F<.00000	35.001		
Stddev	.0046	.01	.00008	.02699	.879		
%RSD	.22726	.1378	.03599	.06470	2.5120		

#1	2.0059	10.11	.20974	-41.697	34.380		
#2	2.0124	10.09	.20963	-41.735	35.623		

Sample Name: J5077-01 Acquired: 9/26/2018 17:59:23 Type: Unk
Method: P4-ICP2(v2461) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PARCEL-186-0 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	2440.6	43790.	5482.0	102.41	2619.7
Stddev	1.1	99.	15.6	1.80	2.3
%RSD	.04491	.22563	.28478	1.7604	.08875
#1	2439.8	43720.	5471.0	101.14	2618.1
#2	2441.4	43859.	5493.1	103.69	2621.4

Sample Name: J5077-02 Acquired: 9/26/2018 18:03:25 Type: Unk
Method: P4-ICP2(v2461) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PARCEL-186-0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07541	-.02876	1.0258	-.05916	.00462	189.62	.87378
Stddev	.00628	.00182	.0005	.00287	.00003	.67	.00537
%RSD	8.3240	6.3239	.04549	4.8465	.73976	.35283	.61463

#1	.07985	-.03005	1.0255	-.06119	.00464	189.15	.87758
#2	.07097	-.02748	1.0262	-.05713	.00459	190.09	.86998

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00407	.01554	26.140	.28257	.17870	.31623	393.95
Stddev	.00026	.00143	.111	.00270	.00080	.00241	7.43
%RSD	6.4729	9.1975	.42531	.95532	.44662	.76351	1.8854

#1	.00389	.01655	26.219	.28448	.17813	.31794	388.70
#2	.00426	.01453	26.061	.28066	.17926	.31453	399.21

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.3318	44.001	.31271	-.00267	4.7098	.55847	1.2961
Stddev	.0440	.114	.00103	.00108	.0304	.00085	.0238
%RSD	.52811	.26007	.32908	40.636	.64499	.15214	1.8345

#1	8.3007	44.082	.31344	-.00343	4.7313	.55907	1.2793
#2	8.3629	43.920	.31198	-.00190	4.6883	.55787	1.3129

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.5754	.00259	.46790	2.3805	2.3297	.03296	2.3036
Stddev	.0556	.00012	.01567	.0066	.0166	.00016	.0004
%RSD	.73390	4.7261	3.3492	.27924	.71136	.47809	.01851

#1	7.6147	.00250	.45682	2.3852	2.3180	.03307	2.3040
#2	7.5361	.00267	.47898	2.3758	2.3414	.03285	2.3033

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	1.9069	7.579	.15806	F<.00000	33.961		
Stddev	.0075	.007	.00081	.70479	.552		
%RSD	.39550	.0961	.51318	1.7454	1.6262		

#1	1.9016	7.584	.15863	-39.881	34.352		
#2	1.9122	7.574	.15749	-40.878	33.571		

Sample Name: J5077-02 Acquired: 9/26/2018 18:03:25 Type: Unk
Method: P4-ICP2(v2461) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PARCEL-186-0 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	2296.2	41062.	5148.7	100.88	2650.2
Stddev	.0	42.	23.3	1.70	2.5
%RSD	.00187	.10183	.45203	1.6893	.09355
#1	2296.1	41033.	5132.3	102.09	2648.5
#2	2296.2	41092.	5165.2	99.677	2652.0

Sample Name: J5077-03 Acquired: 9/26/2018 18:07:28 Type: Unk
Method: P4-ICP2(v2461) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PARCEL-190-0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09191	-.05029	.93557	-.05162	-.00026	145.01	.82544
Stddev	.00229	.00044	.00017	.00390	.00056	.01	.00217
%RSD	2.4947	.87003	.01794	7.5540	214.17	.00667	.26336

#1	.09353	-.04998	.93546	-.04886	.00013	145.00	.82390
#2	.09029	-.05060	.93569	-.05438	-.00066	145.02	.82698

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00351	.02187	151.03	.34443	.17121	.49470	385.04
Stddev	.00031	.00027	.30	.00109	.00013	.00101	.26
%RSD	8.9371	1.2394	.19738	.31665	.07633	.20376	.06872

#1	.00329	.02206	150.82	.34366	.17130	.49542	385.23
#2	.00373	.02168	151.24	.34520	.17112	.49399	384.85

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.3406	58.036	.32681	-.00108	3.4983	.51394	2.0093
Stddev	.0073	.013	.00135	.00076	.0105	.00103	.0009
%RSD	.11599	.02263	.41286	70.264	.29995	.19971	.04450

#1	6.3354	58.045	.32777	-.00162	3.4908	.51467	2.0099
#2	6.3458	58.027	.32586	-.00054	3.5057	.51321	2.0086

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.652	.00479	.32665	5.1999	2.8685	.03526	4.6875
Stddev	.100	.00030	.00481	.0134	.0693	.00212	.0027
%RSD	.73319	6.3509	1.4738	.25689	2.4175	6.0074	.05663

#1	13.581	.00500	.33006	5.2094	2.8195	.03676	4.6894
#2	13.723	.00457	.32325	5.1905	2.9176	.03377	4.6857

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	1.9811	9.489	.52328	F<.00000	35.477
Stddev	.0067	.028	.00140	.14164	.412
%RSD	.33598	.2981	.26737	.35568	1.1603

#1	1.9764	9.509	.52229	-39.721	35.186
#2	1.9858	9.469	.52427	-39.922	35.768

Sample Name: J5077-03 Acquired: 9/26/2018 18:07:28 Type: Unk
Method: P4-ICP2(v2461) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PARCEL-190-0 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	2414.8	43773.	5573.6	97.092	2515.8
Stddev	5.5	92.	11.7	.263	10.8
%RSD	.22673	.21125	.21057	.27045	.42975
#1	2410.9	43708.	5581.9	96.906	2508.2
#2	2418.7	43839.	5565.3	97.277	2523.5

Sample Name: CCV08 Acquired: 9/26/2018 18:11:30 Type: Unk
Method: P4-ICP2(v2461) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV13891 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9565	4.8982	4.8753	5.0514	5.0205	10.357	10.099
Stddev	.0084	.0248	.0098	.0252	.0029	.007	.019
%RSD	.16964	.50591	.20148	.49857	.05865	.06578	.18861

#1	4.9625	4.8806	4.8683	5.0692	5.0184	10.352	10.085
#2	4.9506	4.9157	4.8822	5.0336	5.0226	10.362	10.112

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24651	2.4432	24.947	.94638	2.4340	1.2205	4.9821
Stddev	.00098	.0003	.059	.00314	.0014	.0002	.0183
%RSD	.39621	.01265	.23572	.33159	.05653	.01576	.36752

#1	.24582	2.4430	24.905	.94416	2.4331	1.2206	4.9950
#2	.24720	2.4434	24.988	.94859	2.4350	1.2203	4.9691

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4783	24.448	2.4373	1.2201	24.594	2.4518	2.5704
Stddev	.0039	.027	.0039	.0001	.055	.0011	.0142
%RSD	.15779	.10904	.15916	.00612	.22380	.04668	.55325

#1	2.4755	24.429	2.4345	1.2202	24.555	2.4526	2.5804
#2	2.4811	24.467	2.4400	1.2201	24.633	2.4510	2.5603

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.634	5.0320	4.9972	4.9518	4.6786	4.8197	5.0307
Stddev	.019	.0110	.0179	.0013	.0048	.0026	.0055
%RSD	.07539	.21820	.35906	.02679	.10340	.05359	.10880

#1	24.621	5.0398	4.9845	4.9508	4.6752	4.8179	5.0346
#2	24.647	5.0242	5.0099	4.9527	4.6820	4.8215	5.0269

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	4.6985	5.065	4.9855	F 2.7389	F 3.2122
Stddev	.0031	.011	.0270	.2601	.5383
%RSD	.06499	.2073	.54115	9.4971	16.757

#1	4.6963	5.057	5.0046	2.5549	2.8316
#2	4.7006	5.072	4.9664	2.9228	3.5928

Sample Name: CCV08 Acquired: 9/26/2018 18:11:30 Type: Unk
Method: P4-ICP2(v2461) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV13891 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	2010.5	36006.	4294.8	97.860	2813.8
Stddev	3.0	12.	3.0	.632	1.3
%RSD	.15071	.03351	.07086	.64625	.04759
#1	2008.4	35997.	4296.9	97.413	2812.9
#2	2012.7	36014.	4292.6	98.307	2814.8

Sample Name: CCB08 Acquired: 9/26/2018 18:15:21 Type: Unk
Method: P4-ICP2(v2461) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB13891 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00135	-.00011	-.00067	.00115	.00058	-.00623	-.00127
Stddev	.00155	.00220	.00073	.00048	.00182	.00781	.00000
%RSD	114.49	2063.7	108.35	42.051	311.08	125.36	.28791

#1	.00244	.00145	-.00016	.00149	.00187	-.00071	-.00127
#2	.00026	-.00167	-.00119	.00081	-.00070	-.01176	-.00127

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	-.00002	-.00149	-.00029	-.00000	-.00072	-.00534
Stddev	.00005	.00013	.00510	.00024	.00016	.00037	.00454
%RSD	72.421	561.00	341.19	83.916	57362.	50.434	85.015

#1	.00010	-.00012	-.00510	-.00046	-.00012	-.00098	-.00213
#2	.00003	.00007	.00211	-.00012	.00012	-.00047	-.00856

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	-.03026	.00148	-.00091	-.12165	-.00050	-.00060
Stddev	.00006	.01056	.00019	.00019	.00995	.00015	.00002
%RSD	87.662	34.903	13.042	20.972	8.1814	30.470	3.7644

#1	-.00003	-.02279	.00134	-.00105	-.12869	-.00060	-.00062
#2	-.00011	-.03772	.00161	-.00078	-.11461	-.00039	-.00059

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.02954	.00086	.00160	-.00279	-.00422	-.00115	.00448
Stddev	.00572	.00031	.00130	.00274	.00210	.00086	.00149
%RSD	19.360	35.737	81.152	98.187	49.847	74.862	33.276

#1	-.03359	.00108	.00252	-.00085	-.00571	-.00054	.00553
#2	-.02550	.00064	.00068	-.00473	-.00273	-.00176	.00342

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	F -.03512	-.0025	.00020	F 1.7234	F .75551		
Stddev	.01034	.0023	.00008	.1733	.67197		
%RSD	29.429	91.23	41.271	10.053	88.943		

#1	-.04243	-.0009	.00026	1.6009	.28035		
#2	-.02781	-.0042	.00014	1.8460	1.2307		

Sample Name: CCB08 Acquired: 9/26/2018 18:15:21 Type: Unk
Method: P4-ICP2(v2461) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB13891 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	2090.8	37400.	4288.6	102.83	3190.4
Stddev	15.4	50.	21.9	.24	19.7
%RSD	.73762	.13284	.51008	.23390	.61683
#1	2079.9	37365.	4273.1	103.00	3176.5
#2	2101.7	37435.	4304.1	102.66	3204.3

Sample Name: J5077-04 Acquired: 9/26/2018 18:19:25 Type: Unk
Method: P4-ICP2(v2461) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PARCEL-190-0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06276	-.05267	.98156	-.03942	-.00105	112.86	.78910
Stddev	.00153	.00245	.00324	.00048	.00032	.26	.00122
%RSD	2.4417	4.6552	.32997	1.2267	30.083	.22971	.15489

#1	.06385	-.05440	.98385	-.03976	-.00128	112.67	.78996
#2	.06168	-.05094	.97926	-.03908	-.00083	113.04	.78823

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00293	.02106	942.56	.19839	.14781	.35832	277.90
Stddev	.00020	.00000	10.63	.00155	.00059	.00218	2.89
%RSD	6.6557	.01243	1.1282	.78326	.39601	.60973	1.0394

#1	.00279	.02106	935.04	.19949	.14740	.35986	275.85
#2	.00307	.02107	950.08	.19729	.14823	.35677	279.94

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1710	55.733	.25333	-.00431	1.5155	.50910	1.4014
Stddev	.0111	.312	.00116	.00096	.0130	.00065	.0222
%RSD	.21434	.55919	.45822	22.333	.85441	.12803	1.5810

#1	5.1632	55.954	.25415	-.00499	1.5064	.50864	1.3857
#2	5.1788	55.513	.25251	-.00363	1.5247	.50957	1.4171

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.786	.00202	.24922	4.1929	1.4890	.02532	4.9158
Stddev	.003	.00058	.00847	.0006	.0136	.00070	.0217
%RSD	.02940	28.468	3.3993	.01502	.90988	2.7499	.44158

#1	10.788	.00243	.25521	4.1924	1.4986	.02582	4.9311
#2	10.784	.00162	.24323	4.1933	1.4794	.02483	4.9004

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	1.6380	8.448	4.1316	F<.00000	35.858
Stddev	.0029	.027	.0004	.18415	.553
%RSD	.17580	.3226	.00922	1.2647	1.5424

#1	1.6359	8.468	4.1313	-14.431	36.249
#2	1.6400	8.429	4.1318	-14.691	35.467

Sample Name: J5077-04 Acquired: 9/26/2018 18:19:25 Type: Unk
Method: P4-ICP2(v2461) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PARCEL-190-0 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	2306.6	41547.	5483.0	92.192	2237.3
Stddev	.2	39.	3.8	1.141	.3
%RSD	.00836	.09448	.06929	1.2375	.01466
#1	2306.5	41575.	5485.7	92.999	2237.5
#2	2306.7	41519.	5480.3	91.385	2237.1

Sample Name: J5077-05 Acquired: 9/26/2018 18:23:28 Type: Unk
Method: P4-ICP2(v2461) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PARCEL-193-0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08440	-.02490	1.4938	-.06339	.00558	183.23	.94396
Stddev	.00269	.00036	.0071	.00366	.00138	.09	.00278
%RSD	3.1832	1.4279	.47237	5.7668	24.646	.04724	.29485

#1	.08250	-.02515	1.4888	-.06597	.00461	183.17	.94199
#2	.08630	-.02465	1.4988	-.06080	.00656	183.29	.94593

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00445	.01797	21.208	.25655	.16870	.22033	444.15
Stddev	.00006	.00001	.116	.00025	.00049	.00034	2.63
%RSD	1.4596	.05076	.54796	.09792	.28813	.15227	.59166

#1	.00440	.01796	21.126	.25637	.16835	.22057	442.29
#2	.00449	.01797	21.291	.25673	.16904	.22009	446.00

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.9467	35.566	.23564	.00005	1.7467	.64324	1.1742
Stddev	.0130	.265	.00022	.00054	.0006	.00251	.0069
%RSD	.18639	.74589	.09469	1117.4	.03705	.39039	.58329

#1	6.9559	35.378	.23580	-.00034	1.7462	.64146	1.1693
#2	6.9376	35.753	.23548	.00043	1.7471	.64501	1.1790

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.6378	.00154	.31806	4.0818	2.7367	.04029	1.7816
Stddev	.0084	.00048	.00180	.0005	.0390	.00085	.0028
%RSD	.14970	31.313	.56695	.01140	1.4258	2.1031	.15570

#1	5.6319	.00120	.31679	4.0821	2.7643	.03969	1.7836
#2	5.6438	.00189	.31934	4.0815	2.7092	.04089	1.7797

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	1.5465	8.211	.17321	F<.00000	37.517		
Stddev	.0041	.004	.00043	.21311	1.149		
%RSD	.26281	.0444	.24824	.44804	3.0634		

#1	1.5493	8.214	.17291	-47.414	36.705		
#2	1.5436	8.208	.17352	-47.715	38.330		

Sample Name: J5077-05 Acquired: 9/26/2018 18:23:28 Type: Unk
Method: P4-ICP2(v2461) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PARCEL-193-0 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	2377.7	43136.	5355.7	101.36	2650.4
Stddev	12.7	50.	20.1	.27	7.0
%RSD	.53208	.11516	.37555	.26556	.26228
#1	2368.7	43101.	5370.0	101.55	2645.5
#2	2386.6	43171.	5341.5	101.17	2655.3

Sample Name: J5077-06 Acquired: 9/26/2018 18:27:30 Type: Unk
Method: P4-ICP2(v2461) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PARCEL-193-0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07867	-.03594	1.1485	-.06390	.00305	208.90	1.2805
Stddev	.00628	.00064	.0020	.00209	.00136	.19	.0005
%RSD	7.9789	1.7728	.17424	3.2720	44.436	.09300	.03636

#1	.08311	-.03549	1.1471	-.06242	.00401	209.04	1.2809
#2	.07424	-.03639	1.1499	-.06538	.00209	208.76	1.2802

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00632	.02195	26.488	.31332	.20613	.26499	495.18
Stddev	.00020	.00000	.041	.00092	.00008	.00026	2.66
%RSD	3.2217	.00356	.15550	.29275	.03741	.09934	.53629

#1	.00646	.02195	26.459	.31397	.20607	.26518	497.05
#2	.00617	.02195	26.517	.31267	.20618	.26480	493.30

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.5365	55.225	.42226	.00310	18.248	.57146	1.4706
Stddev	.0328	.153	.00008	.00052	.010	.00097	.0107
%RSD	.50214	.27658	.02001	16.898	.05630	.16990	.73039

#1	6.5597	55.333	.42232	.00347	18.255	.57215	1.4782
#2	6.5133	55.117	.42220	.00273	18.241	.57077	1.4630

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.9672	-.00108	.40103	2.4144	1.7248	.03412	2.5238
Stddev	.0061	.00010	.00749	.0018	.0180	.00103	.0033
%RSD	.06115	8.8773	1.8682	.07567	1.0422	3.0171	.12905

#1	9.9629	-.00102	.40632	2.4157	1.7121	.03485	2.5214
#2	9.9715	-.00115	.39573	2.4131	1.7375	.03339	2.5261

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	2.4739	7.367	.14114	F<.00000	40.210		
Stddev	.0133	.005	.00121	.56112	.973		
%RSD	.53642	.0667	.86011	1.0275	2.4190		

#1	2.4645	7.370	.14200	-54.214	39.522		
#2	2.4833	7.363	.14028	-55.008	40.898		

Sample Name: J5077-06 Acquired: 9/26/2018 18:27:30 Type: Unk
Method: P4-ICP2(v2461) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PARCEL-193-0 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	2566.7	46391.	5778.5	99.911	2555.5
Stddev	6.7	267.	14.3	.904	3.3
%RSD	.26127	.57597	.24690	.90512	.12972
#1	2562.0	46202.	5768.4	99.271	2553.1
#2	2571.5	46580.	5788.6	100.55	2557.8

Sample Name: J5081-07 Acquired: 9/26/2018 18:31:33 Type: Unk
Method: P4-ICP2(v2461) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-1-D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03526	-.01680	.13135	-.02769	-.00141	74.841	.44555
Stddev	.00270	.00255	.00082	.00193	.00116	.226	.00294
%RSD	7.6521	15.179	.62451	6.9616	82.288	.30155	.65917

#1	.03716	-.01860	.13077	-.02905	-.00059	75.000	.44347
#2	.03335	-.01499	.13193	-.02633	-.00222	74.681	.44762

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00108	.00319	12.667	.16335	.03913	.11296	179.34
Stddev	.00011	.00011	.174	.00059	.00029	.00169	1.16
%RSD	10.646	3.6009	1.3717	.36414	.73157	1.4939	.64549

#1	-.00116	.00327	12.544	.16293	.03893	.11415	178.52
#2	-.00099	.00311	12.790	.16377	.03933	.11177	180.16

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4653	20.160	.09021	-.00512	3.5285	.32513	.38004
Stddev	.0016	.085	.00100	.00024	.0157	.00004	.00171
%RSD	.11161	.42038	1.1109	4.5999	.44491	.01158	.44986

#1	1.4664	20.100	.08950	-.00529	3.5174	.32511	.37883
#2	1.4641	20.220	.09092	-.00496	3.5396	.32516	.38124

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.1724	-.00033	.10931	20.451	4.0842	.03126	2.3923
Stddev	.0353	.00048	.00352	.024	.0152	.00005	.0092
%RSD	.57210	144.78	3.2237	.11930	.37126	.15103	.38507

#1	6.1974	-.00068	.10682	20.468	4.0734	.03130	2.3988
#2	6.1474	.00001	.11180	20.434	4.0949	.03123	2.3857

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.75298	3.514	.25024	F<.00000	23.731
Stddev	.01560	.011	.00060	.14525	.179
%RSD	2.0723	.3240	.24002	.87193	.75604

#1	.76401	3.523	.24981	-16.556	23.858
#2	.74194	3.506	.25066	-16.762	23.605

Sample Name: J5081-07 Acquired: 9/26/2018 18:31:33 Type: Unk
Method: P4-ICP2(v2461) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-1-D 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	2142.1	38451.	4612.3	102.45	2902.0
Stddev	14.1	75.	15.6	.28	5.6
%RSD	.65829	.19403	.33797	.26864	.19449
#1	2132.2	38398.	4623.3	102.65	2898.0
#2	2152.1	38504.	4601.2	102.26	2906.0

Sample Name: J5081-11 Acquired: 9/26/2018 18:35:29 Type: Unk
Method: P4-ICP2(v2461) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-2-S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06196	-.01513	.26626	-.01659	-.00059	78.783	1.7234
Stddev	.00010	.00024	.00057	.00228	.00130	.177	.0021
%RSD	.15356	1.6133	.21456	13.773	221.67	.22463	.11914

#1	.06189	-.01495	.26666	-.01820	.00033	78.908	1.7249
#2	.06202	-.01530	.26585	-.01497	-.00151	78.658	1.7220

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00174	.00300	21.746	.13718	.06762	.13569	162.18
Stddev	.00012	.00003	.064	.00048	.00044	.00065	.46
%RSD	7.0153	1.0790	.29295	.35232	.65363	.47816	.28270

#1	.00182	.00298	21.791	.13752	.06731	.13615	162.51
#2	.00165	.00303	21.701	.13684	.06793	.13524	161.86

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2331	21.118	.11405	-.00298	4.9360	.21899	.37649
Stddev	.0050	.155	.00049	.00019	.0012	.00023	.00042
%RSD	.22274	.73553	.43134	6.3874	.02415	.10684	.11213

#1	2.2367	21.228	.11370	-.00284	4.9368	.21915	.37619
#2	2.2296	21.008	.11440	-.00311	4.9352	.21882	.37679

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.1800	.00380	.11598	2.6709	1.8604	.15511	1.9994
Stddev	.0022	.00023	.00719	.0153	.0324	.00008	.0172
%RSD	.05135	5.9809	6.1979	.57227	1.7411	.04899	.86166

#1	4.1815	.00364	.12107	2.6817	1.8833	.15516	2.0116
#2	4.1784	.00397	.11090	2.6601	1.8375	.15505	1.9872

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	.96181	4.301	.21902	F<.00000	22.357		
Stddev	.00107	.001	.00084	.23588	.643		
%RSD	.11093	.0158	.38374	1.4830	2.8770		

#1	.96256	4.301	.21962	-16.072	21.902		
#2	.96105	4.300	.21843	-15.739	22.812		

Sample Name: J5081-11 Acquired: 9/26/2018 18:35:29 Type: Unk
Method: P4-ICP2(v2461) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-2-S 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	2314.7	41385.	5065.4	102.83	2885.4
Stddev	10.8	143.	17.4	.36	12.6
%RSD	.46464	.34621	.34297	.34969	.43756
#1	2307.1	41283.	5053.2	102.57	2876.4
#2	2322.3	41486.	5077.7	103.08	2894.3

Sample Name: J5081-15 Acquired: 9/26/2018 18:39:25 Type: Unk
Method: P4-ICP2(v2461) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-2-D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01972	-.01440	.00196	-.02418	-.00156	78.017	.49116
Stddev	.00113	.00072	.00001	.00067	.00055	.335	.00195
%RSD	5.7559	5.0229	.35393	2.7907	35.377	.42912	.39724

#1	.01892	-.01388	.00196	-.02371	-.00195	77.781	.49254
#2	.02052	-.01491	.00197	-.02466	-.00117	78.254	.48978

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00082	.00233	9.9655	.15542	.06452	.02944	159.34
Stddev	.00005	.00016	.0253	.00228	.00021	.00020	1.45
%RSD	6.4032	7.0572	.25419	1.4686	.32685	.66602	.91296

#1	.00078	.00221	9.9835	.15380	.06467	.02930	160.37
#2	.00086	.00244	9.9476	.15703	.06437	.02958	158.31

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.6986	23.431	.10387	-.00301	2.2762	.21971	.37976
Stddev	.0026	.030	.00049	.00018	.0020	.00039	.00531
%RSD	.15433	.12857	.46941	6.0848	.08913	.17669	1.3975

#1	1.6967	23.410	.10421	-.00314	2.2776	.21944	.38351
#2	1.7004	23.452	.10352	-.00288	2.2748	.21999	.37601

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.7189	-.00104	.10406	.95076	4.9936	.00847	1.6484
Stddev	.0328	.00006	.00149	.00223	.0401	.00012	.0068
%RSD	1.2067	5.4767	1.4302	.23498	.80261	1.4259	.41034

#1	2.6957	-.00108	.10512	.95234	5.0219	.00838	1.6532
#2	2.7421	-.00100	.10301	.94918	4.9652	.00855	1.6437

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	.92786	4.565	.06067	F<.00000	21.234		
Stddev	.00475	.002	.00008	.22750	.210		
%RSD	.51200	.0448	.13165	1.4537	.98787		

#1	.93122	4.567	.06072	-15.489	21.382		
#2	.92450	4.564	.06061	-15.811	21.086		

Sample Name: J5081-15 Acquired: 9/26/2018 18:39:25 Type: Unk
Method: P4-ICP2(v2461) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-2-D 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	2324.2	41683.	4961.5	100.42	2919.6
Stddev	1.0	29.	19.1	1.06	5.6
%RSD	.04320	.06945	.38504	1.0519	.19348
#1	2324.9	41662.	4948.0	99.672	2923.6
#2	2323.5	41703.	4975.0	101.17	2915.6

Sample Name: J5033-03 Acquired: 9/26/2018 18:43:23 Type: Unk
Method: P4-ICP2(v2461) 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	-.00104	-.00165	-.00267	.00363	-.00039	.15500	.01119	-.00005
Stddev	.00144	.00196	.00017	.00039	.00011	.00090	.00026	.00011
%RSD	138.95	118.22	6.2231	10.715	27.920	.58261	2.3410	229.05

#1	-.00206	-.00304	-.00278	.00390	-.00032	.15436	.01138	.00003
#2	-.00002	-.00027	-.00255	.00335	-.00047	.15564	.01101	-.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00092	5.7275	.00948	.00009	.00399	.14721	.08395	1.5706
Stddev	.00008	.0387	.00005	.00025	.00022	.00376	.00011	.0536
%RSD	8.3104	.67574	.54069	283.74	5.6420	2.5532	.12909	3.4104

#1	.00087	5.7001	.00952	.00027	.00415	.14455	.08388	1.5328
#2	.00098	5.7549	.00944	-.00009	.00383	.14987	.08403	1.6085

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00214	-.00020	27.096	.00028	.41325	.58866	.00034	.03316
Stddev	.00001	.00074	.197	.00032	.00495	.00160	.00009	.00568
%RSD	.63461	374.29	.72774	113.15	1.1978	.27181	25.838	17.129

#1	.00215	.00033	26.956	.00006	.41675	.58753	.00028	.02914
#2	.00213	-.00072	27.235	.00050	.40975	.58980	.00040	.03718

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1199	2.1121	-.00014	.00519	-.03182	.0062	.02631	1.4209
Stddev	.0096	.0096	.00028	.00178	.00519	.0018	.00011	.2043
%RSD	.45354	.45371	200.45	34.283	16.301	28.47	.42523	14.380

#1	2.1131	2.1053	.00006	.00645	-.02816	.0049	.02624	1.2764
#2	2.1267	2.1188	-.00034	.00393	-.03549	.0074	.02639	1.5654

Elem	U_3859
Units	ppm
Avg	.83152
Stddev	.29769
%RSD	35.800

#1	.62102
#2	1.0420

Sample Name: J5033-03 Acquired: 9/26/2018 18:43:23 Type: Unk
Method: P4-ICP2(v2461) 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	2075.5	37470.	4355.9	103.91	3124.1
Stddev	1.1	105.	1.4	1.38	7.3
%RSD	.05306	.28027	.03286	1.3293	.23497
#1	2074.7	37396.	4354.9	102.94	3129.3
#2	2076.3	37544.	4356.9	104.89	3118.9

Sample Name: J5033-04 Acquired: 9/26/2018 18:47:26 Type: Unk
Method: P4-ICP2(v2461) 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	-.00387	-.00152	-.00204	.00248	.00114	.06899	.00994	.00001
Stddev	.00268	.00215	.00051	.00221	.00148	.00765	.00022	.00001
%RSD	69.302	141.31	25.211	88.871	129.61	11.093	2.1760	50.592

#1	-.00197	-.00304	-.00167	.00092	.00010	.07440	.01009	.00001
#2	-.00576	-.00000	-.00240	.00404	.00218	.06358	.00979	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00092	5.3678	.01007	.00001	.00374	.00926	.03221	1.4172
Stddev	.00005	.0495	.00025	.00025	.00017	.00634	.00011	.0774
%RSD	4.9933	.92238	2.4981	2458.7	4.5308	68.476	.34838	5.4587

#1	.00095	5.3328	.00989	.00019	.00362	.01374	.03213	1.3625
#2	.00088	5.4028	.01025	-.00017	.00386	.00478	.03229	1.4719

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00275	-.00074	26.364	-.00008	.17326	.59223	-.00010	.01440
Stddev	.00037	.00036	.070	.00017	.00556	.01056	.00008	.00060
%RSD	13.576	48.185	.26675	196.64	3.2117	1.7831	81.287	4.1839

#1	.00249	-.00049	26.414	.00003	.17720	.59969	-.00004	.01483
#2	.00302	-.00099	26.314	-.00020	.16933	.58476	-.00015	.01397

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0476	2.0282	-.00045	.00380	-.03903	.0045	.02478	1.1979
Stddev	.0065	.0014	.00046	.00062	.00877	.0006	.00006	.2298
%RSD	.31923	.07041	102.75	16.273	22.480	13.12	.23069	19.182

#1	2.0522	2.0272	-.00078	.00424	-.04524	.0049	.02474	1.0354
#2	2.0430	2.0292	-.00012	.00336	-.03283	.0041	.02482	1.3603

Elem	U_3859
Units	ppm
Avg	.91554
Stddev	.03063
%RSD	3.3459

#1	.89388
#2	.93720

Sample Name: J5033-04 Acquired: 9/26/2018 18:47:26 Type: Unk
Method: P4-ICP2(v2461) 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	2083.8	37675.	4402.1	105.67	3142.6
Stddev	9.7	65.	30.0	3.34	19.7
%RSD	.46539	.17203	.68193	3.1648	.62707
#1	2077.0	37629.	4380.9	103.31	3128.6
#2	2090.7	37720.	4423.3	108.04	3156.5

Sample Name: J5033-05 Acquired: 9/26/2018 18:51:29 Type: Unk
Method: P4-ICP2(v2461) 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	-.00233	-.00065	-.00173	.00409	-.00162	.10300	.04075	-.00005
Stddev	.00004	.00111	.00055	.00024	.00081	.00692	.00023	.00007
%RSD	1.5950	169.39	31.752	5.8623	49.689	6.7194	.55504	138.58

#1	-.00235	.00013	-.00134	.00392	-.00105	.09810	.04091	-.00000
#2	-.00230	-.00144	-.00212	.00426	-.00219	.10789	.04059	-.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00282	19.807	.01278	-.00022	.00503	.03347	.02874	3.7508
Stddev	.00003	.036	.00055	.00004	.00009	.00638	.00002	.0490
%RSD	.88938	.18159	4.3349	16.485	1.7638	19.076	.05751	1.3072

#1	.00280	19.782	.01239	-.00025	.00497	.02895	.02872	3.7161
#2	.00284	19.833	.01318	-.00020	.00510	.03798	.02875	3.7855

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00175	-.00052	29.063	.00053	.15887	2.3655	.00001	.01618
Stddev	.00001	.00033	.214	.00068	.00026	.0054	.00001	.01373
%RSD	.79733	64.189	.73658	129.54	.16103	.22825	107.01	84.826

#1	.00176	-.00028	29.214	.00101	.15869	2.3617	.00002	.02589
#2	.00174	-.00075	28.911	.00004	.15905	2.3693	.00000	.00648

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.0586	4.3509	-.00013	.00406	.12924	.0321	1.2448	1.6242
Stddev	.0086	.0387	.00021	.00094	.00689	.0000	.0095	.0384
%RSD	.28277	.88973	166.87	23.157	5.3283	.0905	.76453	2.3643

#1	3.0647	4.3783	-.00028	.00339	.12437	.0322	1.2516	1.5970
#2	3.0525	4.3236	.00002	.00472	.13411	.0321	1.2381	1.6513

Elem	U_3859
Units	ppm
Avg	1.2406
Stddev	.1480
%RSD	11.931

#1	1.3452
#2	1.1359

Sample Name: J5033-05 Acquired: 9/26/2018 18:51:29 Type: Unk
Method: P4-ICP2(v2461) 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	2070.7	37573.	4390.5	104.52	3097.8
Stddev	17.8	138.	43.2	.81	22.7
%RSD	.86095	.36617	.98300	.77298	.73240
#1	2058.1	37476.	4359.9	103.95	3081.8
#2	2083.3	37670.	4421.0	105.09	3113.9

Sample Name: CCV09 Acquired: 9/26/2018 18:55:31 Type: Unk
Method: P4-ICP2(v2461) 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	4.8858	4.8447	4.7949	4.9480	4.9476	9.9236	9.9535
Stddev	.0049	.0024	.0100	.0126	.0127	.0237	.0058
%RSD	.10069	.04895	.20912	.25435	.25640	.23865	.05806

#1	4.8893	4.8430	4.8020	4.9569	4.9565	9.9069	9.9576
#2	4.8823	4.8463	4.7878	4.9391	4.9386	9.9404	9.9494

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24139	2.4061	24.519	.93587	2.3887	1.2112	4.8764
Stddev	.00060	.0018	.028	.00051	.0009	.0002	.1489
%RSD	.24894	.07317	.11252	.05423	.03653	.01590	3.0539

#1	.24097	2.4048	24.538	.93551	2.3881	1.2113	4.7711
#2	.24182	2.4073	24.499	.93623	2.3893	1.2110	4.9817

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4298	24.160	2.3862	1.2019	24.553	2.4043	2.5345
Stddev	.0038	.070	.0029	.0009	.045	.0005	.0492
%RSD	.15611	.29053	.12249	.07287	.18231	.02029	1.9409

#1	2.4272	24.111	2.3841	1.2013	24.521	2.4046	2.4997
#2	2.4325	24.210	2.3882	1.2025	24.585	2.4039	2.5692

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.226	4.9627	4.9743	4.8763	4.7188	4.7329	4.9186
Stddev	.030	.0135	.0246	.0048	.0269	.0102	.0019
%RSD	.12367	.27204	.49480	.09866	.56971	.21537	.03789

#1	24.247	4.9722	4.9569	4.8797	4.7378	4.7257	4.9173
#2	24.205	4.9531	4.9917	4.8729	4.6998	4.7401	4.9199

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	4.6261	4.971	4.9229	F 1.8056	F 3.5633
Stddev	.0139	.009	.0667	.0693	.0553
%RSD	.30078	.1817	1.3555	3.8386	1.5520

#1	4.6360	4.965	4.9701	1.7566	3.6024
#2	4.6163	4.978	4.8757	1.8547	3.5242

Sample Name: CCV09 Acquired: 9/26/2018 18:55:31 Type: Unk
Method: P4-ICP2(v2461) 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	2036.7	36608.	4282.8	98.645	2860.7
Stddev	7.9	7.	11.6	1.751	2.8
%RSD	.38980	.02004	.27178	1.7750	.09769
#1	2031.1	36602.	4274.6	99.883	2858.7
#2	2042.3	36613.	4291.1	97.406	2862.7

Sample Name: CCB09 Acquired: 9/26/2018 18:59:22 Type: Unk
Method: P4-ICP2(v2461) 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	.00284	-.00009	-.00131	.00271	.00000	-.00319	-.00099
Stddev	.00191	.00030	.00021	.00087	.00159	.01120	.00099
%RSD	66.970	354.57	15.669	31.987	1148200.	350.88	100.67

#1	.00419	.00013	-.00146	.00333	.00112	.00473	-.00169
#2	.00150	-.00030	-.00117	.00210	-.00112	-.01112	-.00028

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	.00010	-.00583	-.00041	-.00005	-.00041	.00249
Stddev	.00003	.00004	.00833	.00009	.00001	.00021	.00461
%RSD	35.398	37.785	142.95	22.304	14.852	50.531	185.24

#1	.00007	.00013	.00006	-.00035	-.00005	-.00056	-.00077
#2	.00011	.00008	-.01172	-.00048	-.00004	-.00027	.00575

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.07485	.00147	-.00044	-.20254	-.00006	-.00073
Stddev	.00002	.06677	.00035	.00016	.00017	.00012	.00001
%RSD	74.852	89.207	23.889	36.058	.08219	199.09	1.6251

#1	-.00004	-.02763	.00171	-.00033	-.20242	-.00014	-.00072
#2	-.00001	-.12206	.00122	-.00055	-.20266	.00002	-.00074

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.05587	.00056	-.00062	-.00227	-.00265	-.00123	.00364
Stddev	.00634	.00003	.00552	.00300	.00405	.00009	.00099
%RSD	11.343	5.5252	890.26	132.25	152.88	7.1637	27.235

#1	-.05138	.00058	.00328	-.00015	.00021	-.00129	.00294
#2	-.06035	.00053	-.00452	-.00440	-.00551	-.00117	.00434

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	F -.02931	-.0021	.00021	F 1.4661	F .35596		
Stddev	.01124	.0001	.00005	.1909	.16944		
%RSD	38.355	4.650	23.107	13.024	47.603		

#1	-.02136	-.0020	.00024	1.6011	.47577		
#2	-.03726	-.0022	.00017	1.3311	.23614		

Sample Name: CCB09 Acquired: 9/26/2018 18:59:22 Type: Unk
Method: P4-ICP2(v2461) 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	2103.1	37713.	4332.5	102.54	3219.6
Stddev	12.1	90.	8.2	.48	24.2
%RSD	.57478	.23907	.18836	.46759	.75302
#1	2094.6	37649.	4338.3	102.87	3202.5
#2	2111.7	37777.	4326.8	102.20	3236.7

Sample Name: J5033-06 Acquired: 9/26/2018 19:03:27 Type: Unk
Method: P4-ICP2(v2461) 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	-.00240	-.00241	-.00125	.00627	-.00199	.11465	.04771	-.00002
Stddev	.00216	.00155	.00028	.00098	.00046	.00228	.00044	.00003
%RSD	90.190	64.257	22.444	15.598	23.364	1.9888	.92876	139.56

#1	-.00087	-.00131	-.00105	.00558	-.00166	.11304	.04740	-.00004
#2	-.00393	-.00350	-.00144	.00696	-.00232	.11627	.04802	-.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	20.713	.08716	.00002	.00364	.04103	.02674	6.6964
Stddev	.00006	.131	.00026	.00023	.00031	.00099	.00004	.1222
%RSD	44.519	.63117	.29266	962.22	8.6396	2.4151	.16031	1.8248

#1	-.00010	20.621	.08698	-.00014	.00341	.04033	.02671	6.6100
#2	-.00019	20.806	.08734	.00019	.00386	.04173	.02677	6.7828

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00316	-.00061	75.536	.00002	.13164	2.5882	.00046	.05244
Stddev	.00011	.00100	.053	.00019	.00232	.0003	.00040	.00765
%RSD	3.3549	164.36	.06986	1213.7	1.7629	.01179	88.281	14.594

#1	.00324	.00010	75.498	.00015	.13328	2.5880	.00074	.05786
#2	.00309	-.00131	75.573	-.00012	.13000	2.5884	.00017	.04703

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.3903	4.7034	-.00218	.00502	.00276	.0005	.18806	2.3265
Stddev	.0076	.0108	.00144	.00191	.00082	.0012	.00021	.1327
%RSD	.10353	.23029	65.971	38.029	29.543	262.2	.10969	5.7056

#1	7.3849	4.6958	-.00116	.00637	.00218	.0014	.18792	2.2327
#2	7.3958	4.7111	-.00320	.00367	.00334	-.0004	.18821	2.4204

Elem	U_3859
Units	ppm
Avg	1.3614
Stddev	.6553
%RSD	48.136

#1	1.8247
#2	.89799

Sample Name: J5033-06 Acquired: 9/26/2018 19:03:27 Type: Unk
Method: P4-ICP2(v2461) 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	2032.4	36421.	4350.8	102.88	2984.1
Stddev	20.4	249.	1.3	2.53	30.9
%RSD	1.0034	.68267	.02892	2.4601	1.0348
#1	2018.0	36245.	4349.9	101.09	2962.3
#2	2046.9	36596.	4351.7	104.67	3005.9

Sample Name: J5033-07 Acquired: 9/26/2018 19:07:29 Type: Unk
Method: P4-ICP2(v2461) 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	.00119	-.00038	-.00189	.00144	-.00099	.07282	.01131	-.00000
Stddev	.00122	.00123	.00000	.00048	.00212	.00807	.00019	.00001
%RSD	101.75	322.32	.23255	33.628	214.20	11.079	1.6511	416.40

#1	.00205	.00049	-.00188	.00178	-.00249	.07853	.01118	-.00001
#2	.00034	-.00125	-.00189	.00110	.00051	.06712	.01144	.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00047	4.7082	.01820	-.00003	.00311	.02786	.01215	1.5169
Stddev	.00001	.0088	.00032	.00009	.00021	.00568	.00008	.0474
%RSD	1.1548	.18736	1.7519	300.75	6.8299	20.391	.63192	3.1223

#1	.00047	4.7144	.01843	.00003	.00296	.03188	.01220	1.4834
#2	.00048	4.7019	.01797	-.00009	.00326	.02385	.01210	1.5504

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00235	-.00061	19.553	-.00007	.06960	.96193	.00003	.01602
Stddev	.00000	.00017	.076	.00029	.00180	.01921	.00009	.00081
%RSD	.11036	27.774	.39022	425.77	2.5902	1.9975	330.81	5.0624

#1	.00235	-.00049	19.607	.00014	.07087	.97552	.00009	.01660
#2	.00235	-.00073	19.499	-.00028	.06832	.94834	-.00004	.01545

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3646	3.0628	.00068	.00439	-.02953	-.0011	.02637	1.4294
Stddev	.0034	.0045	.00124	.00119	.00753	.0013	.00001	.0520
%RSD	.24743	.14803	181.76	27.153	25.492	121.2	.03525	3.6345

#1	1.3670	3.0596	.00156	.00524	-.02420	-.0020	.02638	1.3927
#2	1.3622	3.0660	-.00019	.00355	-.03485	-.0002	.02636	1.4662

Elem	U_3859
Units	ppm
Avg	.84711
Stddev	.36498
%RSD	43.086

#1	.58902
#2	1.1052

Sample Name: J5033-07 Acquired: 9/26/2018 19:07:29 Type: Unk
Method: P4-ICP2(v2461) 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	2096.0	37668.	4366.2	101.96	3165.1
Stddev	2.3	208.	27.6	2.17	2.2
%RSD	.11030	.55193	.63180	2.1245	.06956
#1	2094.4	37521.	4346.7	100.43	3163.6
#2	2097.7	37815.	4385.7	103.49	3166.7

Sample Name: J5033-08 Acquired: 9/26/2018 19:11:32 Type: Unk
Method: P4-ICP2(v2461) 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	-.00302	-.00136	-.00114	.00597	-.00312	.07453	.09671	.00006
Stddev	.00295	.00065	.00098	.00009	.00046	.01706	.00041	.00003
%RSD	97.835	47.758	85.936	1.5593	14.721	22.887	.42200	46.306

#1	-.00093	-.00183	-.00045	.00590	-.00345	.06247	.09700	.00004
#2	-.00511	-.00090	-.00183	.00603	-.00280	.08659	.09642	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	22.828	.00582	.00468	.00829	.24115	.08720	6.2535
Stddev	.00004	.117	.00007	.00001	.00000	.01789	.00037	.0362
%RSD	61.548	.51390	1.1231	.14030	.00774	7.4181	.42457	.57814

#1	-.00009	22.745	.00577	.00469	.00829	.22850	.08694	6.2790
#2	-.00004	22.911	.00586	.00468	.00829	.25380	.08746	6.2279

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00223	-.00031	93.313	-.00014	.06221	2.9195	-.00018	.05808
Stddev	.00017	.00045	.167	.00007	.00058	.0385	.00014	.00781
%RSD	7.7749	144.94	.17883	52.662	.93427	1.3203	79.057	13.455

#1	.00211	-.00063	93.431	-.00009	.06262	2.8922	-.00028	.05255
#2	.00236	.00001	93.195	-.00019	.06180	2.9467	-.00008	.06361

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.7177	4.3764	-.00249	.00388	-.02758	-.0004	.18261	2.2697
Stddev	.0008	.0239	.00004	.00273	.00053	.0015	.00072	.0299
%RSD	.00903	.54582	1.5024	70.421	1.9208	381.6	.39633	1.3165

#1	8.7171	4.3933	-.00252	.00195	-.02720	.0007	.18312	2.2908
#2	8.7182	4.3595	-.00247	.00581	-.02795	-.0014	.18210	2.2485

Elem	U_3859
Units	ppm
Avg	2.1477
Stddev	.3667
%RSD	17.074

#1	1.8884
#2	2.4069

Sample Name: J5033-08 Acquired: 9/26/2018 19:11:32 Type: Unk
Method: P4-ICP2(v2461) 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	2032.2	36705.	4339.1	103.13	2968.4
Stddev	6.5	55.	32.8	1.12	2.0
%RSD	.32004	.15048	.75543	1.0812	.06810
#1	2027.6	36666.	4315.9	102.35	2967.0
#2	2036.8	36744.	4362.3	103.92	2969.9

Sample Name: J5033-09 Acquired: 9/26/2018 19:15:35 Type: Unk
Method: P4-ICP2(v2461) 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	-.00051	-.00181	.00540	.00475	.00031	.65764	.02487	-.00003
Stddev	.00401	.00143	.00063	.00019	.00170	.00305	.00327	.00000
%RSD	781.51	78.746	11.640	4.0907	544.37	.46337	13.131	9.5959
#1	-.00335	-.00080	.00496	.00461	-.00089	.65979	.02256	-.00003
#2	.00232	-.00282	.00585	.00489	.00152	.65548	.02718	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00027	12.292	.00358	.00161	.03922	1.5393	.06311	2.9340
Stddev	.00001	1.033	.00004	.00008	.00019	.0997	.00051	.2112
%RSD	4.8364	8.4010	1.0472	4.8496	.47949	6.4789	.80408	7.1999
#1	.00026	11.562	.00355	.00156	.03908	1.4687	.06275	2.7846
#2	.00028	13.023	.00360	.00167	.03935	1.6098	.06347	3.0834

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00666	-.00101	14.301	.00632	.21858	1.8583	.00151	.02959
Stddev	.00007	.00011	1.102	.00006	.01326	.1153	.00000	.00430
%RSD	1.1210	10.502	7.7053	.88768	6.0667	6.2024	.07722	14.541
#1	.00661	-.00109	13.522	.00628	.20921	1.7768	.00151	.02655
#2	.00671	-.00094	15.081	.00636	.22796	1.9398	.00151	.03263

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.1188	2.1124	.00037	.03355	-.00955	.2001	.04307	.80783
Stddev	.0046	.1707	.00135	.00004	.00555	.0003	.00348	.16667
%RSD	.14597	8.0795	367.13	.12955	58.163	.1705	8.0814	20.631
#1	3.1220	1.9917	.00132	.03358	-.01348	.1999	.04061	.92569
#2	3.1156	2.2331	-.00059	.03352	-.00562	.2003	.04553	.68998

Elem	U_3859
Units	ppm
Avg	1.7647
Stddev	.5950
%RSD	33.718
#1	1.3439
#2	2.1854

Sample Name: J5033-09 Acquired: 9/26/2018 19:15:35 Type: Unk
Method: P4-ICP2(v2461) 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	2061.7	37855.	4529.0	105.30	3134.0
Stddev	13.6	154.	307.4	5.91	14.6
%RSD	.66108	.40678	6.7863	5.6087	.46601
#1	2052.1	37746.	4746.4	109.48	3123.6
#2	2071.4	37964.	4311.7	101.13	3144.3

Sample Name: J5033-10 Acquired: 9/26/2018 19:19:36 Type: Unk
Method: P4-ICP2(v2461) 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	.00068	-.00137	-.00178	.00189	-.00008	.17832	.04968	.00001
Stddev	.00373	.00123	.00040	.00522	.00049	.00675	.00004	.00002
%RSD	544.99	89.768	22.628	275.30	577.14	3.7858	.08503	184.45

#1	.00332	-.00224	-.00149	-.00179	-.00043	.17355	.04971	.00002
#2	-.00195	-.00050	-.00206	.00558	.00026	.18310	.04965	-.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	14.923	.00355	.00280	.73309	.42004	.06544	4.2099
Stddev	.00000	.073	.00025	.00008	.00236	.00362	.00013	.1487
%RSD	6.9460	.48847	7.0855	2.8703	.32181	.86234	.19754	3.5334

#1	.00005	14.872	.00337	.00286	.73476	.41748	.06553	4.1047
#2	.00005	14.975	.00373	.00274	.73142	.42260	.06535	4.3151

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00459	-.00077	84.408	.00435	.26501	2.1784	.13910	.04830
Stddev	.00056	.00076	.107	.00012	.00849	.0143	.00046	.00171
%RSD	12.225	98.926	.12685	2.8364	3.2037	.65406	.33113	3.5327

#1	.00419	-.00023	84.333	.00444	.25901	2.1683	.13942	.04709
#2	.00499	-.00131	84.484	.00427	.27102	2.1885	.13877	.04950

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.5922	3.4134	-.00121	.00825	-.02689	.1763	.10375	2.1942
Stddev	.0049	.0024	.00057	.00346	.01756	.0004	.00024	.3580
%RSD	.08789	.06949	46.843	41.900	65.293	.2103	.22660	16.317

#1	5.5957	3.4117	-.00081	.01069	-.01448	.1765	.10392	2.4474
#2	5.5888	3.4151	-.00161	.00580	-.03931	.1760	.10358	1.9410

Elem	U_3859
Units	ppm
Avg	1.6656
Stddev	.0846
%RSD	5.0795

#1	1.7254
#2	1.6058

Sample Name: J5033-10 Acquired: 9/26/2018 19:19:36 Type: Unk
Method: P4-ICP2(v2461) 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	2033.0	36742.	4362.3	103.97	2986.8
Stddev	20.8	64.	13.0	2.72	20.8
%RSD	1.0216	.17540	.29909	2.6156	.69722
#1	2018.4	36696.	4371.5	105.89	2972.1
#2	2047.7	36787.	4353.1	102.05	3001.6

Sample Name: J5033-11 Acquired: 9/26/2018 19:23:37 Type: Unk
Method: P4-ICP2(v2461) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00288	-.00122	-.00085	.00070	-.00755	3.1845	.06453	-.00002
Stddev	.00102	.00207	.00000	.00104	.00010	.0645	.00020	.00003
%RSD	35.353	169.24	.58313	148.66	1.3412	2.0267	.30228	204.53

#1	.00361	-.00268	-.00085	-.00004	-.00748	3.2301	.06467	-.00004
#2	.00216	.00024	-.00085	.00143	-.00762	3.1389	.06439	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	14.500	.50721	.00521	.02639	4.3102	.09686	4.6134
Stddev	.00003	.047	.00737	.00004	.00053	.0143	.00040	.0363
%RSD	63.042	.32189	1.4536	.78937	2.0232	.33270	.41217	.78676

#1	-.00003	14.467	.51243	.00524	.02677	4.3000	.09714	4.5877
#2	-.00008	14.533	.50200	.00518	.02602	4.3203	.09658	4.6391

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.27602	-.00082	86.231	.00746	.12132	1.9284	.01338	.04101
Stddev	.00118	.00019	.022	.00043	.00063	.0006	.00033	.00575
%RSD	.42730	22.694	.02524	5.7085	.52286	.02849	2.4930	14.022

#1	.27519	-.00096	86.216	.00716	.12088	1.9280	.01362	.04507
#2	.27686	-.00069	86.247	.00776	.12177	1.9288	.01314	.03694

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.4000	6.9110	-.00154	.12197	-.01546	.0163	.09406	1.3669
Stddev	.0047	.0046	.00175	.00799	.01451	.0002	.00008	.3345
%RSD	.06375	.06663	113.89	6.5518	93.897	.9337	.08322	24.469

#1	7.3966	6.9142	-.00030	.11632	-.00519	.0162	.09412	1.6034
#2	7.4033	6.9077	-.00278	.12762	-.02572	.0164	.09401	1.1304

Elem	U_3859
Units	ppm
Avg	3.0453
Stddev	.3597
%RSD	11.812

#1	3.2996
#2	2.7909

Sample Name: J5033-11 Acquired: 9/26/2018 19:23:37 Type: Unk
Method: P4-ICP2(v2461) 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	2049.3	36822.	4334.1	102.89	2987.1
Stddev	9.1	180.	6.0	.32	8.6
%RSD	.44168	.48800	.13907	.31443	.28803
#1	2042.9	36695.	4338.3	103.12	2981.0
#2	2055.7	36949.	4329.8	102.66	2993.2

Sample Name: J5033-12 Acquired: 9/26/2018 19:27:37 Type: Unk
Method: P4-ICP2(v2461) 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	-.00149	-.00069	-.00187	.00169	-.00091	.07671	.03032	-.00003
Stddev	.00036	.00071	.00071	.00247	.00025	.00354	.00010	.00002
%RSD	24.076	102.64	37.694	145.87	27.845	4.6179	.31624	50.736

#1	-.00174	-.00120	-.00137	-.00005	-.00109	.07420	.03025	-.00002
#2	-.00124	-.00019	-.00237	.00344	-.00073	.07921	.03038	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00112	11.451	.00194	.00010	.00302	.04497	.00815	2.6569
Stddev	.00000	.080	.00005	.00018	.00012	.00538	.00004	.0188
%RSD	.20270	.70169	2.3235	184.29	3.8782	11.970	.45690	.70737

#1	.00112	11.394	.00191	-.00003	.00311	.04877	.00817	2.6702
#2	.00112	11.508	.00197	.00022	.00294	.04116	.00812	2.6437

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00198	-.00040	57.144	.00006	.05729	1.7284	.00018	.03142
Stddev	.00028	.00045	.093	.00007	.00038	.0275	.00005	.00129
%RSD	13.876	112.19	.16263	114.73	.65650	1.5886	29.814	4.0941

#1	.00218	-.00008	57.209	.00001	.05756	1.7090	.00014	.03051
#2	.00179	-.00072	57.078	.00011	.05703	1.7478	.00022	.03233

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.8780	3.2657	-.00178	.00320	-.03175	.0004	.08325	1.7567
Stddev	.0099	.0111	.00003	.00041	.00350	.0006	.00009	.3640
%RSD	.25611	.33983	1.4183	12.813	11.026	155.2	.10446	20.720

#1	3.8850	3.2578	-.00177	.00349	-.03423	-.0000	.08319	2.0140
#2	3.8710	3.2735	-.00180	.00291	-.02928	.0008	.08331	1.4993

Elem	U_3859
Units	ppm
Avg	1.5256
Stddev	.0247
%RSD	1.6210

#1	1.5431
#2	1.5082

Sample Name: J5033-12 Acquired: 9/26/2018 19:27:37 Type: Unk
Method: P4-ICP2(v2461) 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	2070.1	37347.	4364.5	103.37	3068.7
Stddev	4.0	168.	2.2	.71	4.7
%RSD	.19555	.44948	.05013	.68565	.15348
#1	2067.2	37228.	4362.9	102.87	3065.4
#2	2072.9	37465.	4366.0	103.88	3072.0

Sample Name: J5033-13 Acquired: 9/26/2018 19:31:41 Type: Unk
Method: P4-ICP2(v2461) 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	-.00042	-.00105	.00246	-.00106	.10129	.07031	.00003
Stddev	.00137	.00143	.00049	.00094	.00006	.00351	.00050	.00007
%RSD	62.260	337.02	46.257	38.014	5.2855	3.4644	.71041	254.77

#1	.00123	-.00143	-.00071	.00312	-.00110	.09881	.06996	-.00002
#2	.00317	.00058	-.00140	.00180	-.00102	.10377	.07067	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	22.135	.00186	-.00030	.00773	.04223	.00503	4.4265
Stddev	.00002	.134	.00026	.00010	.00068	.00283	.00000	.0197
%RSD	13.192	.60429	13.904	34.432	8.8214	6.7050	.03644	.44406

#1	-.00014	22.041	.00205	-.00037	.00724	.04423	.00503	4.4126
#2	-.00011	22.230	.00168	-.00023	.00821	.04022	.00503	4.4404

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00221	-.00081	98.965	-.00032	.04747	3.7066	.00017	.07854
Stddev	.00006	.00002	.317	.00006	.00008	.0086	.00011	.00140
%RSD	2.5786	1.9185	.32060	18.453	.17640	.23311	67.883	1.7824

#1	.00225	-.00082	99.189	-.00036	.04742	3.7127	.00025	.07953
#2	.00217	-.00080	98.741	-.00027	.04753	3.7005	.00009	.07755

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.366	3.4397	-.00263	.00649	-.03000	.0040	.11806	2.2823
Stddev	.019	.0251	.00106	.00117	.00011	.0030	.00030	.0315
%RSD	.17944	.72902	40.380	18.046	.37547	73.70	.25490	1.3806

#1	10.353	3.4575	-.00338	.00566	-.02992	.0019	.11785	2.2600
#2	10.379	3.4220	-.00188	.00732	-.03008	.0061	.11827	2.3045

Elem	U_3859
Units	ppm
Avg	1.6579
Stddev	.3849
%RSD	23.218

#1	1.9301
#2	1.3857

Sample Name: J5033-13 Acquired: 9/26/2018 19:31:41 Type: Unk
Method: P4-ICP2(v2461) 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	2058.3	36764.	4337.3	103.66	2991.2
Stddev	16.2	3.	30.3	.69	16.5
%RSD	.78753	.00681	.69914	.66904	.55038
#1	2046.8	36763.	4315.9	103.17	2979.6
#2	2069.7	36766.	4358.8	104.15	3002.8

Sample Name: J5033-14 Acquired: 9/26/2018 19:35:44 Type: Unk
Method: P4-ICP2(v2461) 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	.00012	-.00050	-.00192	.00290	-.00107	.26927	.09642	-.00004
Stddev	.00092	.00132	.00096	.00274	.00010	.00625	.00019	.00006
%RSD	777.14	265.23	50.005	94.467	9.1488	2.3216	.19359	162.25

#1	.00077	-.00143	-.00260	.00483	-.00114	.27369	.09656	-.00008
#2	-.00053	.00044	-.00124	.00096	-.00100	.26485	.09629	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00291	12.824	.00498	-.00039	.00366	.15577	.00493	4.6274
Stddev	.00006	.007	.00040	.00002	.00010	.00830	.00002	.0083
%RSD	1.9307	.05652	7.9598	5.1584	2.6668	5.3260	.42632	.17839

#1	.00295	12.819	.00526	-.00040	.00359	.14990	.00491	4.6216
#2	.00287	12.829	.00470	-.00037	.00373	.16164	.00494	4.6333

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00300	-.00044	93.112	.00010	.04082	2.5384	-.00008	.03531
Stddev	.00006	.00056	.099	.00009	.00020	.0038	.00007	.00617
%RSD	1.9361	127.22	.10665	88.825	.49057	.14954	85.043	17.469

#1	.00296	-.00083	93.182	.00017	.04068	2.5411	-.00012	.03095
#2	.00305	-.00004	93.042	.00004	.04096	2.5357	-.00003	.03968

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.2592	7.2052	-.00265	.00801	-.02609	-.0005	.18853	1.5303
Stddev	.0232	.0165	.00107	.00078	.00071	.0026	.00180	.0807
%RSD	.25077	.22861	40.283	9.7196	2.7328	476.6	.95503	5.2732

#1	9.2428	7.2169	-.00341	.00856	-.02659	.0013	.18980	1.5874
#2	9.2756	7.1936	-.00190	.00746	-.02558	-.0024	.18726	1.4732

Elem	U_3859
Units	ppm
Avg	1.6663
Stddev	.4881
%RSD	29.294

#1	2.0114
#2	1.3211

Sample Name: J5033-14 Acquired: 9/26/2018 19:35:44 Type: Unk
Method: P4-ICP2(v2461) 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	2061.8	37147.	4388.1	103.06	3000.9
Stddev	6.5	59.	6.0	.05	5.8
%RSD	.31426	.15893	.13605	.04838	.19211
#1	2057.2	37105.	4383.9	103.10	2996.8
#2	2066.4	37189.	4392.3	103.03	3005.0

Sample Name: J5033-15 Acquired: 9/26/2018 19:39:47 Type: Unk
Method: P4-ICP2(v2461) 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	-.00141	-.00364	-.00154	.00696	-.00243	.38629	.14507	.00008
Stddev	.00167	.00033	.00021	.00045	.00049	.01585	.00050	.00009
%RSD	118.02	9.0883	13.644	6.4535	19.967	4.1038	.34315	113.11

#1	-.00023	-.00388	-.00139	.00728	-.00278	.39750	.14542	.00014
#2	-.00259	-.00341	-.00168	.00664	-.00209	.37508	.14472	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	31.206	.00224	.00035	.00650	.22081	.04641	13.449
Stddev	.00006	.241	.00055	.00004	.00008	.02095	.00007	.084
%RSD	149.62	.77357	24.435	11.908	1.1736	9.4878	.15580	.62362

#1	.00000	31.035	.00263	.00032	.00645	.23562	.04646	13.390
#2	-.00008	31.377	.00186	.00038	.00655	.20599	.04636	13.509

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00464	-.00090	64.090	.00044	.04700	4.3425	-.00042	.06251
Stddev	.00031	.00004	.265	.00006	.00073	.0261	.00015	.01047
%RSD	6.7152	4.1312	.41318	14.393	1.5574	.60126	35.464	16.746

#1	.00486	-.00093	63.903	.00049	.04648	4.3241	-.00052	.05511
#2	.00442	-.00088	64.277	.00040	.04752	4.3610	-.00031	.06991

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.131	6.5159	-.00477	.01098	-.01873	.0006	.33069	1.8842
Stddev	.020	.0289	.00093	.00090	.00514	.0021	.00084	.0960
%RSD	.15095	.44355	19.545	8.1818	27.472	354.9	.25283	5.0972

#1	13.145	6.4955	-.00411	.01034	-.01509	-.0009	.33010	1.8162
#2	13.117	6.5364	-.00543	.01161	-.02236	.0021	.33128	1.9521

Elem	U_3859
Units	ppm
Avg	1.6304
Stddev	.1703
%RSD	10.446

#1	1.7508
#2	1.5100

Sample Name: J5033-15 Acquired: 9/26/2018 19:39:47 Type: Unk
Method: P4-ICP2(v2461) 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	2054.7	37103.	4383.3	103.02	3011.8
Stddev	16.8	194.	4.1	1.10	16.9
%RSD	.81860	.52338	.09392	1.0685	.56221
#1	2042.8	36966.	4386.3	103.80	2999.8
#2	2066.6	37241.	4380.4	102.24	3023.7

Sample Name: CCV10 Acquired: 9/26/2018 19:43:50 Type: Unk
Method: P4-ICP2(v2461) 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	4.8464	4.8187	4.7721	4.8907	4.8908	9.9027	9.7956
Stddev	.0035	.0067	.0101	.0040	.0071	.0066	.0498
%RSD	.07229	.13997	.21247	.08104	.14542	.06638	.50786

#1	4.8440	4.8235	4.7650	4.8879	4.8858	9.9073	9.7604
#2	4.8489	4.8139	4.7793	4.8935	4.8959	9.8980	9.8308

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23964	2.4018	24.660	.93631	2.3692	1.2052	4.8315
Stddev	.00035	.0006	.026	.00139	.0010	.0029	.0255
%RSD	.14613	.02686	.10619	.14848	.03997	.24217	.52770

#1	.23939	2.4013	24.642	.93729	2.3699	1.2032	4.8135
#2	.23988	2.4022	24.679	.93533	2.3686	1.2073	4.8495

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4171	24.109	2.3744	1.1914	24.353	2.3863	2.4975
Stddev	.0013	.169	.0003	.0009	.153	.0007	.0138
%RSD	.05167	.70301	.01090	.07672	.62664	.02856	.55121

#1	2.4180	23.989	2.3742	1.1920	24.245	2.3868	2.4878
#2	2.4162	24.229	2.3746	1.1908	24.461	2.3858	2.5072

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.815	4.9283	4.9683	4.7930	4.6698	4.7173	4.8905
Stddev	.239	.0138	.0266	.0218	.0413	.0011	.0133
%RSD	1.0022	.28042	.53629	.45465	.88340	.02263	.27106

#1	23.646	4.9185	4.9872	4.8084	4.6406	4.7166	4.8811
#2	23.984	4.9380	4.9495	4.7776	4.6990	4.7181	4.8998

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	4.5914	4.917	4.8722	F 1.9560	F 3.7043
Stddev	.0064	.003	.0208	.3530	.1245
%RSD	.14034	.0695	.42763	18.046	3.3623

#1	4.5869	4.919	4.8870	2.2056	3.6162
#2	4.5960	4.914	4.8575	1.7064	3.7923

Sample Name: CCV10 Acquired: 9/26/2018 19:43:50 Type: Unk
Method: P4-ICP2(v2461) 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	2068.5	37110.	4337.1	100.95	2903.9
Stddev	.3	90.	19.0	.34	4.6
%RSD	.01458	.24337	.43799	.34057	.15914
#1	2068.7	37046.	4350.5	101.19	2900.7
#2	2068.3	37174.	4323.6	100.71	2907.2

Sample Name: CCB10 Acquired: 9/26/2018 19:47:38 Type: Unk
Method: P4-ICP2(v2461) 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	-.00198	-.00055	-.00091	.00064	-.00042	-.00382	-.00020
Stddev	.00099	.00099	.00086	.00498	.00200	.00115	.00037
%RSD	49.850	179.68	95.010	778.41	473.43	30.098	183.08

#1	-.00128	-.00125	-.00030	-.00288	-.00184	-.00301	-.00047
#2	-.00268	.00015	-.00152	.00416	.00099	-.00463	.00006

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	.00001	-.01476	-.00028	-.00015	.00000	.00742
Stddev	.00005	.00009	.00082	.00077	.00007	.00027	.00222
%RSD	57.757	723.88	5.5696	279.07	49.922	7683.7	29.946

#1	.00005	.00008	-.01534	.00027	-.00010	-.00018	.00585
#2	.00011	-.00005	-.01418	-.00082	-.00020	.00019	.00900

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	-.05069	.00121	-.00039	-.23112	-.00060	-.00065
Stddev	.00000	.01501	.00020	.00023	.00570	.00020	.00002
%RSD	3.2665	29.617	16.792	58.607	2.4676	33.320	3.0649

#1	-.00010	-.04007	.00107	-.00023	-.23515	-.00074	-.00067
#2	-.00010	-.06130	.00135	-.00056	-.22709	-.00046	-.00064

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.03749	.00092	.00274	-.00556	-.00565	-.00087	.00405
Stddev	.00096	.00035	.00553	.00063	.00136	.00031	.00126
%RSD	2.5722	37.547	201.75	11.267	24.014	35.624	30.975

#1	-.03681	.00116	.00665	-.00601	-.00661	-.00108	.00317
#2	-.03817	.00068	-.00117	-.00512	-.00469	-.00065	.00494

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	F -.03289	-.0004	.00031	F 1.1643	F .89510		
Stddev	.00523	.0010	.00003	.0621	.24688		
%RSD	15.918	251.6	10.607	5.3370	27.581		

#1	-.03659	.0003	.00033	1.2082	1.0697		
#2	-.02918	-.0011	.00029	1.1203	.72053		

Sample Name: CCB10 Acquired: 9/26/2018 19:47:38 Type: Unk
Method: P4-ICP2(v2461) 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	2136.4	38126.	4323.9	104.05	3265.2
Stddev	9.0	43.	20.4	2.05	14.0
%RSD	.42357	.11239	.47076	1.9662	.42915
#1	2130.0	38157.	4309.5	102.60	3255.3
#2	2142.8	38096.	4338.3	105.50	3275.1

Sample Name: J5033-18 Acquired: 9/26/2018 19:51:43 Type: Unk
Method: P4-ICP2(v2461) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00069	.00003	-.00316	.00063	-.00069	.09293	.02130	.00004
Stddev	.00283	.00070	.00005	.00571	.00148	.00596	.00020	.00001
%RSD	407.53	2204.2	1.7159	909.32	215.09	6.4155	.95455	21.774

#1	-.00269	.00053	-.00312	-.00341	-.00174	.09715	.02115	.00005
#2	.00131	-.00046	-.00320	.00467	.00036	.08871	.02144	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00229	7.8717	.00269	-.00030	.00839	.06857	.00511	2.0915
Stddev	.00001	.0812	.00012	.00011	.00021	.00612	.00012	.0362
%RSD	.59523	1.0310	4.2943	37.236	2.5290	8.9185	2.2726	1.7313

#1	.00230	7.8143	.00260	-.00022	.00854	.07289	.00519	2.0659
#2	.00228	7.9291	.00277	-.00037	.00824	.06424	.00502	2.1171

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00511	-.00036	4.3337	-.00000	.05840	1.3283	.00043	.02505
Stddev	.00025	.00068	.0058	.00029	.00020	.0199	.00010	.00356
%RSD	4.8840	188.09	.13482	9675.3	.33743	1.4974	23.396	14.223

#1	.00493	-.00084	4.3296	-.00021	.05826	1.3143	.00051	.02757
#2	.00528	.00012	4.3379	.00021	.05854	1.3424	.00036	.02253

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.9410	4.0823	-.00080	.00501	-.03020	.0027	.04392	.99998
Stddev	.0046	.0465	.00019	.00295	.00227	.0011	.00014	.08007
%RSD	.15814	1.1393	23.823	58.757	7.5028	39.76	.31941	8.0075

#1	2.9443	4.0494	-.00094	.00293	-.03180	.0019	.04382	.94336
#2	2.9378	4.1152	-.00067	.00709	-.02860	.0034	.04402	1.0566

Elem	U_3859
Units	ppm
Avg	1.5688
Stddev	.0065
%RSD	.41561

#1	1.5642
#2	1.5734

Sample Name: J5033-18 Acquired: 9/26/2018 19:51:43 Type: Unk
Method: P4-ICP2(v2461) 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	2107.6	38299.	4360.4	104.74	3233.8
Stddev	13.9	101.	40.0	.24	15.9
%RSD	.65719	.26404	.91683	.22657	.49312
#1	2097.8	38227.	4388.6	104.57	3222.6
#2	2117.4	38370.	4332.1	104.91	3245.1

Sample Name: J5033-20 Acquired: 9/26/2018 19:55:46 Type: Unk
Method: P4-ICP2(v2461) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00272	-.00170	-.00245	.00424	-.00063	.15549	.03066	-.00005
Stddev	.00330	.00064	.00046	.00094	.00002	.00688	.00075	.00007
%RSD	121.43	37.687	18.611	22.146	3.8248	4.4249	2.4530	159.22

#1	-.00038	-.00125	-.00277	.00358	-.00065	.16036	.03119	.00001
#2	-.00505	-.00216	-.00213	.00491	-.00061	.15062	.03013	-.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00073	12.034	.00490	.00015	.00337	.10134	.01116	2.8580
Stddev	.00001	.012	.00054	.00009	.00007	.00114	.00017	.0179
%RSD	1.9519	.10075	10.978	58.329	1.9939	1.1248	1.5637	.62706

#1	.00072	12.042	.00528	.00009	.00332	.10053	.01104	2.8706
#2	.00074	12.025	.00452	.00022	.00341	.10215	.01129	2.8453

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00654	-.00023	69.568	.00023	.06953	2.2554	.00035	.05436
Stddev	.00051	.00015	.231	.00008	.00129	.0159	.00024	.00767
%RSD	7.7948	66.679	.33174	34.227	1.8617	.70428	70.041	14.116

#1	.00618	-.00012	69.405	.00018	.06861	2.2441	.00052	.04894
#2	.00690	-.00034	69.732	.00029	.07044	2.2666	.00018	.05979

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.4273	3.4774	-.00180	.00480	-.03181	.0011	.08932	1.6628
Stddev	.0095	.0510	.00097	.00042	.01614	.0012	.00019	.3250
%RSD	.14751	1.4680	53.848	8.6888	50.736	105.6	.21590	19.548

#1	6.4340	3.4413	-.00111	.00450	-.04322	.0020	.08918	1.8926
#2	6.4206	3.5135	-.00248	.00509	-.02040	.0003	.08945	1.4329

Elem	U_3859
Units	ppm
Avg	1.7129
Stddev	.1425
%RSD	8.3173

#1	1.8137
#2	1.6122

Sample Name: J5033-20 Acquired: 9/26/2018 19:55:46 Type: Unk
Method: P4-ICP2(v2461) 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	2068.5	37342.	4322.0	101.44	3055.5
Stddev	10.0	30.	11.2	1.50	10.7
%RSD	.48479	.07982	.25883	1.4788	.35140
#1	2061.4	37321.	4329.9	102.50	3047.9
#2	2075.6	37363.	4314.1	100.38	3063.1

Sample Name: J5033-21 Acquired: 9/26/2018 19:59:49 Type: Unk
Method: P4-ICP2(v2461) 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	-.00198	-.00244	-.00187	.00238	-.00101	.18473	.03188	-.00000
Stddev	.00127	.00084	.00022	.00396	.00242	.00715	.00017	.00001
%RSD	64.520	34.483	11.848	166.08	239.80	3.8726	.54376	362.48

#1	-.00107	-.00184	-.00203	.00518	.00070	.18979	.03200	-.00001
#2	-.00288	-.00303	-.00172	-.00042	-.00272	.17967	.03175	.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00070	12.303	.00568	.00003	.00918	.11725	.00778	2.9278
Stddev	.00005	.080	.00003	.00015	.00011	.00202	.00013	.0050
%RSD	6.6098	.65342	.52838	436.59	1.1606	1.7213	1.6930	.16957

#1	.00074	12.246	.00570	.00014	.00911	.11583	.00769	2.9313
#2	.00067	12.360	.00566	-.00007	.00926	.11868	.00787	2.9243

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00701	-.00038	71.020	-.00016	.04237	2.2673	.00011	.04360
Stddev	.00044	.00026	.119	.00004	.00079	.0106	.00005	.00490
%RSD	6.2679	66.669	.16710	24.274	1.8640	.46544	46.108	11.251

#1	.00670	-.00020	70.936	-.00019	.04292	2.2599	.00008	.04013
#2	.00732	-.00057	71.104	-.00013	.04181	2.2748	.00015	.04706

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.5665	3.5592	-.00202	.00637	-.01787	.0014	.09164	1.6981
Stddev	.0136	.0048	.00133	.00209	.00351	.0024	.00045	.1804
%RSD	.20752	.13578	65.713	32.774	19.619	170.0	.49090	10.626

#1	6.5569	3.5558	-.00108	.00489	-.02035	-.0003	.09132	1.5705
#2	6.5761	3.5626	-.00296	.00785	-.01539	.0031	.09196	1.8257

Elem	U_3859
Units	ppm
Avg	1.3614
Stddev	.3274
%RSD	24.051

#1	1.5929
#2	1.1299

Sample Name: J5033-21 Acquired: 9/26/2018 19:59:49 Type: Unk
Method: P4-ICP2(v2461) 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	2076.9	37301.	4318.5	102.11	3062.2
Stddev	2.2	207.	19.0	1.70	.4
%RSD	.10727	.55372	.44094	1.6657	.01313
#1	2075.3	37155.	4305.1	100.90	3062.5
#2	2078.5	37447.	4332.0	103.31	3061.9

Sample Name: J5033-22 Acquired: 9/26/2018 20:03:52 Type: Unk
Method: P4-ICP2(v2461) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-1-S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00389	-.00271	-.00234	.00178	-.00021	.05673	.00741	-.00005
Stddev	.00026	.00080	.00041	.00055	.00149	.01963	.00059	.00004
%RSD	6.5599	29.623	17.372	30.917	711.59	34.599	8.0052	87.331

#1	-.00407	-.00328	-.00263	.00217	-.00127	.07061	.00699	-.00002
#2	-.00371	-.00214	-.00206	.00139	.00085	.04285	.00783	-.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	5.3419	.00096	-.00001	.00389	.03490	.01096	1.8385
Stddev	.00012	.0428	.00010	.00007	.00030	.01153	.00020	.0078
%RSD	212.05	.80084	9.9824	1435.9	7.8071	33.027	1.7827	.42598

#1	.00014	5.3116	.00089	-.00006	.00368	.02675	.01110	1.8440
#2	-.00003	5.3721	.00103	.00005	.00410	.04305	.01082	1.8330

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00268	-.00071	18.232	-.00013	.06883	1.1764	.00032	.05475
Stddev	.00041	.00012	.030	.00036	.00089	.0137	.00012	.00369
%RSD	15.325	16.417	.16706	283.82	1.2864	1.1613	38.276	6.7436

#1	.00298	-.00063	18.210	.00013	.06946	1.1861	.00024	.05214
#2	.00239	-.00080	18.254	-.00038	.06820	1.1668	.00041	.05736

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.4662	5.5523	-.00163	.00648	-.02738	.0075	.02886	.75728
Stddev	.0159	.0163	.00013	.00036	.00593	.0013	.00010	.21943
%RSD	.24588	.29342	7.8003	5.4901	21.653	17.78	.35893	28.976

#1	6.4774	5.5638	-.00154	.00623	-.03157	.0065	.02879	.60212
#2	6.4549	5.5407	-.00172	.00673	-.02319	.0084	.02894	.91244

Elem	U_3859
Units	ppm
Avg	.88178
Stddev	.12014
%RSD	13.625

#1	.79682
#2	.96673

Sample Name: J5033-22 Acquired: 9/26/2018 20:03:52 Type: Unk
Method: P4-ICP2(v2461) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-1-S 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	2109.5	38194.	4347.6	103.74	3207.8
Stddev	4.2	167.	2.3	1.59	6.7
%RSD	.20017	.43687	.05371	1.5307	.20904
#1	2106.5	38076.	4349.2	102.62	3203.1
#2	2112.5	38312.	4345.9	104.87	3212.5

Sample Name: J5033-25 Acquired: 9/26/2018 20:07:55 Type: Unk
Method: P4-ICP2(v2461) 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	-.00083	-.00175	.00380	.00026	.01120	.01021	-.00002
Stddev	.00050	.00061	.00137	.00106	.00070	.00002	.00035	.00004
%RSD	22.911	73.542	78.604	27.942	262.85	.15460	3.4567	232.96
#1	-.00184	-.00126	-.00272	.00305	.00076	.01119	.01046	-.00005
#2	-.00255	-.00040	-.00078	.00455	-.00023	.01121	.00996	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00087	5.4150	.00999	-.00025	.00106	-.00431	.00042	1.3110
Stddev	.00010	.0149	.00014	.00008	.00043	.00207	.00011	.0381
%RSD	11.683	.27441	1.4124	31.370	40.786	47.953	25.341	2.9049
#1	.00094	5.4045	.00989	-.00031	.00076	-.00285	.00050	1.3380
#2	.00080	5.4255	.01009	-.00020	.00137	-.00577	.00035	1.2841

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00130	-.00056	27.741	.00023	.02446	.56997	.00033	.00388
Stddev	.00010	.00003	.143	.00052	.00025	.00342	.00026	.00337
%RSD	7.4167	5.5129	.51728	230.04	1.0108	.60001	78.555	86.994
#1	.00124	-.00054	27.843	.00060	.02429	.56755	.00051	.00149
#2	.00137	-.00058	27.640	-.00014	.02464	.57239	.00015	.00626

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0650	2.1189	.00034	.00308	-.03564	.0034	.02446	1.1565
Stddev	.0039	.0015	.00054	.00105	.00143	.0022	.00013	.0531
%RSD	.18874	.07049	161.20	34.017	4.0187	65.15	.53704	4.5920
#1	2.0678	2.1199	-.00005	.00234	-.03463	.0018	.02437	1.1190
#2	2.0623	2.1178	.00072	.00382	-.03665	.0050	.02456	1.1941

Elem	U_3859
Units	ppm
Avg	1.2538
Stddev	.4128
%RSD	32.923
#1	1.5457
#2	.96195

Sample Name: J5033-25 Acquired: 9/26/2018 20:07:55 Type: Unk
Method: P4-ICP2(v2461) 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	2102.3	38179.	4375.5	102.76	3186.2
Stddev	11.6	209.	13.7	.43	10.0
%RSD	.55370	.54668	.31241	.42072	.31312
#1	2094.1	38031.	4365.8	103.07	3179.1
#2	2110.6	38326.	4385.1	102.46	3193.2

Sample Name: J5033-26 Acquired: 9/26/2018 20:12:00 Type: Unk
Method: P4-ICP2(v2461) 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	-.00339	-.00268	-.00146	.00486	-.00213	.00605	.00996	-.00003
Stddev	.00282	.00115	.00011	.00085	.00073	.00494	.00044	.00002
%RSD	83.239	43.039	7.5103	17.409	34.271	81.771	4.3771	61.200

#1	-.00539	-.00186	-.00154	.00426	-.00264	.00954	.01026	-.00002
#2	-.00140	-.00349	-.00138	.00546	-.00161	.00255	.00965	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00088	5.4385	.01663	-.00014	.00129	.02658	.00057	1.3027
Stddev	.00001	.0427	.00034	.00010	.00034	.00389	.00004	.0147
%RSD	.89975	.78588	2.0188	69.068	26.363	14.635	6.4775	1.1265

#1	.00089	5.4083	.01640	-.00021	.00153	.02933	.00060	1.2924
#2	.00088	5.4687	.01687	-.00007	.00105	.02383	.00055	1.3131

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00179	-.00037	27.755	-.00004	.02024	.56324	.00005	.00844
Stddev	.00012	.00013	.242	.00039	.00029	.02180	.00042	.00136
%RSD	6.7324	34.320	.87349	938.66	1.4472	3.8705	767.42	16.113

#1	.00187	-.00046	27.583	-.00032	.02003	.57865	.00035	.00940
#2	.00170	-.00028	27.926	.00024	.02044	.54782	-.00024	.00748

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1013	2.1257	.00010	.00160	-.03755	.0016	.02434	1.3490
Stddev	.0036	.0451	.00073	.00058	.00338	.0011	.00007	.2685
%RSD	.17101	2.1223	720.04	36.175	8.9889	68.09	.30572	19.903

#1	2.1039	2.0938	.00062	.00201	-.03994	.0024	.02428	1.5389
#2	2.0988	2.1576	-.00041	.00119	-.03516	.0008	.02439	1.1592

Elem	U_3859
Units	ppm
Avg	1.1098
Stddev	.2319
%RSD	20.896

#1	1.2738
#2	.94582

Sample Name: J5033-26 Acquired: 9/26/2018 20:12:00 Type: Unk
Method: P4-ICP2(v2461) 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	2098.0	38098.	4351.9	103.02	3175.9
Stddev	6.1	262.	33.6	.59	12.1
%RSD	.29281	.68779	.77117	.57699	.38091
#1	2093.7	37913.	4375.6	103.44	3167.3
#2	2102.4	38283.	4328.1	102.60	3184.4

Sample Name: J5033-27 Acquired: 9/26/2018 20:16:06 Type: Unk
Method: P4-ICP2(v2461) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00244	-.00111	-.00274	.00628	-.00077	.01568	.04113	-.00001
Stddev	.00125	.00302	.00019	.00431	.00053	.00170	.00008	.00001
%RSD	51.057	271.20	6.8836	68.700	68.497	10.845	.20388	105.12

#1	.00156	-.00325	-.00287	.00323	-.00040	.01448	.04119	-.00002
#2	.00332	.00102	-.00261	.00933	-.00115	.01689	.04107	-.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00257	20.063	.01342	-.00010	-.00027	.00078	.00142	3.6861
Stddev	.00010	.084	.00010	.00001	.00020	.00079	.00004	.0199
%RSD	3.7416	.41937	.72700	12.943	72.648	101.58	2.6405	.54059

#1	.00250	20.004	.01349	-.00011	-.00041	.00022	.00145	3.6720
#2	.00264	20.123	.01336	-.00009	-.00013	.00134	.00140	3.7002

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00257	-.00082	30.033	.00034	.02803	2.3925	.00020	.01164
Stddev	.00011	.00029	.089	.00036	.00031	.0261	.00019	.00249
%RSD	4.2686	35.255	.29793	106.24	1.1127	1.0918	94.495	21.400

#1	.00249	-.00061	30.097	.00060	.02825	2.3740	.00034	.01340
#2	.00264	-.00102	29.970	.00008	.02781	2.4110	.00007	.00988

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.9943	4.3984	-.00017	.00308	.13933	.0272	1.2473	1.2558
Stddev	.0106	.0097	.00048	.00014	.00546	.0003	.0034	.0202
%RSD	.35423	.22145	279.85	4.3905	3.9213	1.286	.27179	1.6118

#1	3.0018	4.3915	-.00052	.00299	.13546	.0269	1.2496	1.2415
#2	2.9868	4.4053	.00017	.00318	.14319	.0274	1.2449	1.2701

Elem	U_3859
Units	ppm
Avg	1.4567
Stddev	.1678
%RSD	11.516

#1	1.5753
#2	1.3380

Sample Name: J5033-27 Acquired: 9/26/2018 20:16:06 Type: Unk
Method: P4-ICP2(v2461) 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	2084.2	37887.	4330.4	102.80	3137.1
Stddev	11.7	205.	14.5	2.10	16.5
%RSD	.56327	.54100	.33596	2.0384	.52461
#1	2075.9	37742.	4320.1	101.32	3125.5
#2	2092.5	38031.	4340.7	104.28	3148.8

Sample Name: J5033-28 Acquired: 9/26/2018 20:20:09 Type: Unk
Method: P4-ICP2(v2461) 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	-.00333	-.00110	-.00223	.00482	-.00242	-.00589	.04877	-.00003
Stddev	.00108	.00037	.00044	.00270	.00157	.00926	.00030	.00006
%RSD	32.610	33.320	19.588	56.037	64.897	157.17	.60655	217.34

#1	-.00409	-.00084	-.00254	.00291	-.00353	.00066	.04898	.00001
#2	-.00256	-.00136	-.00192	.00674	-.00131	-.01244	.04856	-.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	21.757	.09323	-.00002	.00044	.01315	.00283	6.9529
Stddev	.00005	.098	.00005	.00014	.00006	.00806	.00011	.0168
%RSD	56.804	.45214	.05795	622.88	14.657	61.326	4.0489	.24090

#1	-.00013	21.826	.09327	-.00012	.00040	.00745	.00275	6.9647
#2	-.00005	21.687	.09319	.00008	.00049	.01885	.00291	6.9410

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00236	-.00065	80.939	-.00014	.03092	2.6437	-.00030	.04647
Stddev	.00014	.00010	.155	.00048	.00100	.0139	.00025	.00458
%RSD	5.7642	14.647	.19150	347.86	3.2425	.52733	82.906	9.8656

#1	.00227	-.00072	81.049	.00020	.03021	2.6536	-.00048	.04971
#2	.00246	-.00059	80.830	-.00048	.03163	2.6339	-.00013	.04323

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.5039	4.9756	-.00098	.00298	-.00047	-.0025	.19510	2.0171
Stddev	.0248	.0280	.00016	.00071	.00323	.0008	.00002	.6771
%RSD	.33070	.56185	15.797	23.658	688.53	31.52	.00901	33.570

#1	7.5214	4.9559	-.00109	.00348	.00182	-.0019	.19509	2.4959
#2	7.4864	4.9954	-.00087	.00248	-.00275	-.0030	.19511	1.5383

Elem	U_3859
Units	ppm
Avg	2.0904
Stddev	.3727
%RSD	17.828

#1	2.3539
#2	1.8269

Sample Name: J5033-28 Acquired: 9/26/2018 20:20:09 Type: Unk
Method: P4-ICP2(v2461) 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	2054.6	36990.	4266.1	101.90	3033.1
Stddev	8.6	150.	28.0	2.38	13.4
%RSD	.41778	.40663	.65687	2.3374	.44192
#1	2048.6	36884.	4246.3	103.58	3023.6
#2	2060.7	37096.	4285.9	100.21	3042.5

Sample Name: J5033-29 Acquired: 9/26/2018 20:24:11 Type: Unk
Method: P4-ICP2(v2461) 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	-.00210	-.00236	-.00253	.00230	-.00087	-.00037	.00844	-.00000
Stddev	.00176	.00148	.00038	.00005	.00014	.00010	.00089	.00001
%RSD	84.041	62.768	14.866	2.2627	16.683	26.555	10.520	314.12

#1	-.00334	-.00131	-.00280	.00226	-.00077	-.00030	.00781	.00000
#2	-.00085	-.00340	-.00227	.00234	-.00097	-.00044	.00907	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00032	3.5555	.01633	-.00002	.00046	.00668	.00174	1.0905
Stddev	.00002	.0010	.00008	.00002	.00032	.00213	.00001	.0116
%RSD	5.3299	.02825	.49402	79.000	68.727	31.869	.80421	1.0643

#1	.00031	3.5562	.01638	-.00001	.00024	.00518	.00175	1.0823
#2	.00033	3.5548	.01627	-.00004	.00069	.00819	.00173	1.0987

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00563	-.00052	15.055	-.00077	.02379	.69510	-.00026	.00705
Stddev	.00008	.00044	.067	.00044	.00060	.02658	.00025	.00217
%RSD	1.5058	85.678	.44593	57.871	2.5254	3.8245	95.592	30.782

#1	.00557	-.00020	15.007	-.00045	.02422	.67630	-.00008	.00551
#2	.00569	-.00083	15.102	-.00108	.02337	.71390	-.00043	.00858

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0369	2.3680	-.00034	.00249	-.03305	.0017	.01959	.61235
Stddev	.0087	.0179	.00072	.00115	.00207	.0023	.00020	.11870
%RSD	.84275	.75618	210.40	46.140	6.2525	137.0	1.0343	19.384

#1	1.0431	2.3554	-.00085	.00168	-.03451	.0033	.01973	.69628
#2	1.0307	2.3807	.00017	.00330	-.03159	.0001	.01945	.52842

Elem	U_3859
Units	ppm
Avg	.99461
Stddev	.45619
%RSD	45.866

#1	.67204
#2	1.3172

Sample Name: J5033-29 Acquired: 9/26/2018 20:24:11 Type: Unk
Method: P4-ICP2(v2461) 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	2123.1	38603.	4398.1	103.88	3243.1
Stddev	5.2	135.	9.0	2.45	4.6
%RSD	.24636	.34914	.20494	2.3549	.14086
#1	2119.4	38508.	4404.5	102.15	3239.8
#2	2126.8	38698.	4391.8	105.61	3246.3

Sample Name: J5033-30 Acquired: 9/26/2018 20:28:16 Type: Unk
Method: P4-ICP2(v2461) 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	.00274	-.00147	-.00189	.00287	-.00214	-.00032	.10104	.00007
Stddev	.00114	.00128	.00034	.00265	.00102	.00904	.00008	.00005
%RSD	41.730	86.691	18.125	92.316	47.755	2787.1	.07652	72.212
#1	.00193	-.00057	-.00213	.00100	-.00287	.00607	.10109	.00003
#2	.00355	-.00238	-.00165	.00475	-.00142	-.00672	.10098	.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	24.381	.00441	.00483	-.00020	.13019	.08024	6.4621
Stddev	.00006	.065	.00025	.00009	.00030	.00039	.00005	.0065
%RSD	66.867	.26710	5.7778	1.9345	150.01	.30091	.06438	.10054
#1	-.00004	24.335	.00459	.00477	.00001	.13047	.08021	6.4667
#2	-.00012	24.427	.00423	.00490	-.00041	.12991	.08028	6.4575

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00170	-.00057	99.075	-.00010	.02652	3.0173	-.00007	.04606
Stddev	.00087	.00036	.530	.00008	.00020	.0329	.00006	.00924
%RSD	51.251	63.331	.53514	80.687	.74588	1.0913	83.130	20.062
#1	.00232	-.00032	99.450	-.00004	.02666	3.0406	-.00003	.05260
#2	.00108	-.00083	98.701	-.00016	.02638	2.9940	-.00012	.03953

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.9516	4.6208	-.00183	.00270	-.01263	-.0011	.19166	2.1229
Stddev	.0101	.0610	.00052	.00122	.00071	.0002	.00119	.0814
%RSD	.11261	1.3207	28.489	45.056	5.6169	15.12	.62263	3.8323
#1	8.9445	4.6640	-.00219	.00356	-.01213	-.0010	.19251	2.0654
#2	8.9588	4.5777	-.00146	.00184	-.01314	-.0012	.19082	2.1804

Elem	U_3859
Units	ppm
Avg	2.1740
Stddev	.3513
%RSD	16.159
#1	1.9256
#2	2.4224

Sample Name: J5033-30 Acquired: 9/26/2018 20:28:16 Type: Unk
Method: P4-ICP2(v2461) 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	2057.1	36941.	4317.8	100.86	3014.4
Stddev	9.4	20.	44.4	1.28	12.0
%RSD	.45529	.05503	1.0293	1.2663	.39712
#1	2050.4	36955.	4286.3	99.953	3006.0
#2	2063.7	36926.	4349.2	101.76	3022.9

Sample Name: CCV11 Acquired: 9/26/2018 20:32:19 Type: Unk
Method: P4-ICP2(v2461) 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	4.8334	4.8491	4.7595	4.8567	4.8820	9.7764	9.8124
Stddev	.0175	.0118	.0053	.0060	.0052	.1057	.1197
%RSD	.36275	.24298	.11112	.12437	.10632	1.0812	1.2196

#1	4.8210	4.8407	4.7558	4.8609	4.8856	9.8511	9.7278
#2	4.8458	4.8574	4.7633	4.8524	4.8783	9.7016	9.8970

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23995	2.4078	25.061	.94343	2.3636	1.2110	4.9363
Stddev	.00045	.0027	.213	.00423	.0040	.0017	.0311
%RSD	.18547	.10997	.84978	.44803	.17144	.14249	.63016

#1	.23964	2.4059	24.910	.94044	2.3607	1.2098	4.9143
#2	.24027	2.4097	25.211	.94642	2.3664	1.2122	4.9583

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4223	24.233	2.3553	1.1903	24.598	2.3898	2.6003
Stddev	.0012	.337	.0080	.0001	.336	.0019	.0296
%RSD	.04756	1.3924	.34165	.01059	1.3651	.08083	1.1385

#1	2.4231	23.994	2.3496	1.1903	24.361	2.3885	2.5794
#2	2.4215	24.471	2.3610	1.1902	24.835	2.3912	2.6212

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.944	4.9309	5.0639	4.7648	4.7253	4.7042	4.9175
Stddev	.355	.0033	.0322	.0138	.1064	.0024	.0516
%RSD	1.4830	.06742	.63588	.29007	2.2518	.05107	1.0490

#1	23.693	4.9285	5.0412	4.7551	4.6501	4.7025	4.8810
#2	24.195	4.9332	5.0867	4.7746	4.8006	4.7059	4.9539

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	4.6074	4.887	4.9397	F 1.5898	F 3.6041
Stddev	.0021	.000	.0565	.1721	.5689
%RSD	.04528	.0086	1.1442	10.826	15.785

#1	4.6059	4.887	4.8998	1.7115	3.2018
#2	4.6089	4.886	4.9797	1.4681	4.0063

Sample Name: CCV11 Acquired: 9/26/2018 20:32:19 Type: Unk
Method: P4-ICP2(v2461) 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	2075.8	37235.	4278.6	97.395	2932.3
Stddev	.4	120.	61.5	1.007	1.4
%RSD	.02074	.32259	1.4381	1.0343	.04840
#1	2075.5	37150.	4322.1	98.107	2933.3
#2	2076.2	37320.	4235.1	96.683	2931.3

Sample Name: CCB11 Acquired: 9/26/2018 20:36:04 Type: Unk
Method: P4-ICP2(v2461) 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	-.00108	.00035	-.00122	.00032	.00004	-.00435	.00013
Stddev	.00022	.00033	.00019	.00176	.00019	.00212	.00001
%RSD	20.757	91.880	15.789	553.11	527.23	48.816	9.4910

#1	-.00092	.00012	-.00136	-.00093	-.00010	-.00285	.00014
#2	-.00123	.00059	-.00108	.00156	.00017	-.00585	.00012

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00002	-.00485	-.00005	-.00002	-.00062	-.00025
Stddev	.00001	.00001	.00123	.00021	.00004	.00004	.01143
%RSD	23.546	51.548	25.401	443.00	182.94	5.7227	4568.9

#1	.00005	.00002	-.00398	.00010	-.00005	-.00064	.00783
#2	.00004	.00001	-.00572	-.00019	.00001	-.00059	-.00833

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.04574	.00130	-.00031	-.25026	-.00011	-.00060
Stddev	.00008	.01164	.00001	.00026	.00791	.00037	.00002
%RSD	235.39	25.446	.69217	83.806	3.1604	337.13	2.6962

#1	-.00009	-.05397	.00130	-.00050	-.24466	.00015	-.00059
#2	.00002	-.03751	.00131	-.00013	-.25585	-.00037	-.00061

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.04133	.00108	.00964	-.00291	-.00406	-.00181	.00412
Stddev	.01630	.00034	.00933	.00049	.00055	.00082	.00089
%RSD	39.440	31.718	96.735	16.691	13.426	45.498	21.484

#1	-.02981	.00132	.00305	-.00325	-.00445	-.00123	.00475
#2	-.05286	.00084	.01624	-.00256	-.00368	-.00239	.00350

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	F -.03360	-.0004	.00027	F 1.1809	F 1.1626		
Stddev	.00184	.0001	.00013	.0641	.3426		
%RSD	5.4746	12.94	50.108	5.4312	29.465		

#1	-.03490	-.0004	.00036	1.2263	1.4048		
#2	-.03230	-.0005	.00017	1.1356	.92039		

Sample Name: CCB11 Acquired: 9/26/2018 20:36:04 Type: Unk
Method: P4-ICP2(v2461) 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	2137.0	38307.	4263.3	100.87	3279.0
Stddev	2.4	37.	8.5	.27	6.9
%RSD	.11399	.09708	.19963	.26341	.21017
#1	2135.3	38281.	4257.3	100.68	3274.1
#2	2138.8	38334.	4269.4	101.06	3283.8

Sample Name: J5033-31 Acquired: 9/26/2018 20:40:10 Type: Unk
Method: P4-ICP2(v2461) 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	-.00030	-.00088	-.00031	.00226	.00005	.06005	.01519	-.00008
Stddev	.00423	.00167	.00041	.00194	.00067	.00140	.00012	.00002
%RSD	1402.8	189.55	132.33	85.935	1334.3	2.3245	.77327	23.661

#1	-.00329	-.00206	-.00060	.00363	.00052	.05906	.01528	-.00009
#2	.00269	.00030	-.00002	.00089	-.00042	.06104	.01511	-.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00021	10.960	.00136	.00049	.07579	.15346	.03166	2.5220
Stddev	.00010	.037	.00021	.00000	.00001	.00109	.00009	.0025
%RSD	49.654	.33780	15.392	.60199	.00894	.71289	.29665	.10000

#1	.00014	10.986	.00121	.00049	.07578	.15424	.03160	2.5238
#2	.00028	10.934	.00151	.00049	.07579	.15269	.03173	2.5202

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00511	-.00091	16.540	.00453	.10192	1.7938	.00170	.02037
Stddev	.00008	.00003	.034	.00019	.00078	.0181	.00010	.00887
%RSD	1.5016	2.8310	.20620	4.2280	.76726	1.0073	5.8511	43.515

#1	.00506	-.00093	16.564	.00467	.10137	1.8066	.00177	.02664
#2	.00517	-.00090	16.516	.00440	.10247	1.7810	.00163	.01411

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.9096	1.4500	-.00005	.00465	-.02102	.1769	.03880	1.1138
Stddev	.0033	.0089	.00020	.00201	.00390	.0003	.00013	.0202
%RSD	.11263	.61460	415.92	43.153	18.555	.1533	.33473	1.8160

#1	2.9073	1.4563	-.00019	.00323	-.01826	.1768	.03889	1.1281
#2	2.9119	1.4437	.00010	.00606	-.02378	.1771	.03871	1.0995

Elem	U_3859
Units	ppm
Avg	1.1643
Stddev	.1970
%RSD	16.922

#1	1.0250
#2	1.3036

Sample Name: J5033-31 Acquired: 9/26/2018 20:40:10 Type: Unk
Method: P4-ICP2(v2461) 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	2094.2	38177.	4338.9	102.69	3190.2
Stddev	12.4	13.	4.9	.36	8.6
%RSD	.59279	.03491	.11317	.35061	.26815
#1	2085.4	38167.	4335.5	102.94	3184.1
#2	2103.0	38186.	4342.4	102.43	3196.2

Sample Name: J5033-32 Acquired: 9/26/2018 20:44:13 Type: Unk
Method: P4-ICP2(v2461) 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	-.00077	-.00134	-.00160	.00724	-.00014	.00878	.04802	.00009
Stddev	.00026	.00264	.00052	.00059	.00142	.00654	.00001	.00004
%RSD	33.817	196.92	32.374	8.1201	1044.4	74.478	.01233	46.528
#1	-.00059	-.00321	-.00197	.00682	.00087	.00416	.04802	.00006
#2	-.00096	.00053	-.00123	.00765	-.00114	.01341	.04803	.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	15.237	.00221	.00231	.59939	.08960	.04710	4.2585
Stddev	.00004	.024	.00015	.00015	.00028	.00129	.00012	.0173
%RSD	53.453	.15870	6.8640	6.3582	.04620	1.4414	.25797	.40534
#1	.00005	15.254	.00232	.00221	.59919	.08869	.04718	4.2463
#2	.00010	15.220	.00210	.00242	.59959	.09052	.04701	4.2707

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00186	-.00080	87.774	.00359	.16796	2.1689	.15572	.05333
Stddev	.00003	.00003	.227	.00029	.00195	.0361	.00017	.00726
%RSD	1.4397	4.1476	.25902	8.0963	1.1594	1.6630	.11234	13.618
#1	.00188	-.00082	87.613	.00380	.16934	2.1944	.15559	.04819
#2	.00184	-.00078	87.935	.00339	.16659	2.1434	.15584	.05847

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.5861	3.5031	-.00033	.00364	-.02727	.1542	.10439	2.0466
Stddev	.0370	.0172	.00020	.00047	.00021	.0006	.00008	.2136
%RSD	.66179	.49166	61.796	12.785	.75259	.4049	.07453	10.436
#1	5.6122	3.5153	-.00047	.00397	-.02712	.1537	.10433	2.1976
#2	5.5599	3.4909	-.00019	.00331	-.02741	.1546	.10444	1.8955

Elem	U_3859
Units	ppm
Avg	2.0158
Stddev	.0599
%RSD	2.9724
#1	1.9734
#2	2.0582

Sample Name: J5033-32 Acquired: 9/26/2018 20:44:13 Type: Unk
Method: P4-ICP2(v2461) 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	2048.0	36872.	4288.6	99.404	3023.6
Stddev	8.2	53.	1.6	1.649	19.2
%RSD	.39939	.14339	.03725	1.6587	.63639
#1	2042.2	36835.	4287.4	98.238	3010.0
#2	2053.8	36910.	4289.7	100.57	3037.3

Sample Name: J5033-33 Acquired: 9/26/2018 20:48:14 Type: Unk
Method: P4-ICP2(v2461) 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	-.00142	-.00096	-.00215	.00523	-.00120	.65310	.04366	-.00000
Stddev	.00039	.00147	.00112	.00003	.00079	.00864	.00039	.00006
%RSD	27.529	152.67	52.177	.61764	66.274	1.3232	.89372	1971.7

#1	-.00114	.00008	-.00294	.00521	-.00176	.64699	.04394	.00004
#2	-.00170	-.00200	-.00135	.00525	-.00064	.65921	.04339	-.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00015	11.719	.06703	.00096	.00280	1.2002	.03483	3.5291
Stddev	.00012	.057	.00024	.00005	.00016	.0059	.00001	.0219
%RSD	77.825	.48733	.35990	5.3703	5.7764	.48731	.01511	.61957

#1	-.00007	11.678	.06720	.00100	.00292	1.2044	.03483	3.5446
#2	-.00023	11.759	.06686	.00093	.00269	1.1961	.03484	3.5136

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03938	-.00102	68.709	.00201	.02518	1.4127	.00191	.02750
Stddev	.00059	.00010	.549	.00039	.00002	.0716	.00013	.00238
%RSD	1.4927	9.8393	.79858	19.168	.07494	5.0670	6.9927	8.6566

#1	.03980	-.00095	68.321	.00174	.02516	1.4633	.00182	.02919
#2	.03897	-.00109	69.097	.00229	.02519	1.3621	.00201	.02582

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.7154	3.5522	-.00137	.02671	-.03361	.0061	.07424	1.6429
Stddev	.0197	.0358	.00037	.00255	.00341	.0002	.00022	.1815
%RSD	.34421	1.0086	26.972	9.5285	10.146	2.860	.30117	11.047

#1	5.7015	3.5268	-.00164	.02851	-.03602	.0060	.07408	1.7712
#2	5.7293	3.5775	-.00111	.02491	-.03120	.0063	.07440	1.5146

Elem	U_3859
Units	ppm
Avg	2.2082
Stddev	.1710
%RSD	7.7425

#1	2.0873
#2	2.3291

Sample Name: J5033-33 Acquired: 9/26/2018 20:48:14 Type: Unk
Method: P4-ICP2(v2461) 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	2085.6	37474.	4314.6	101.49	3078.4
Stddev	3.8	122.	22.6	.01	9.5
%RSD	.18359	.32511	.52302	.00502	.30824
#1	2082.9	37388.	4330.6	101.48	3071.7
#2	2088.3	37560.	4298.7	101.49	3085.2

Sample Name: J5033-34 Acquired: 9/26/2018 20:52:17 Type: Unk
Method: P4-ICP2(v2461) 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	-.00058	-.00052	-.00140	.00191	-.00022	.01125	.02367	.00005
Stddev	.00231	.00093	.00035	.00086	.00173	.00747	.00025	.00001
%RSD	400.42	177.61	25.225	45.098	797.49	66.396	1.0373	25.269

#1	-.00221	.00013	-.00115	.00252	.00101	.00597	.02384	.00004
#2	.00106	-.00118	-.00165	.00130	-.00144	.01653	.02350	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00089	9.3468	.00151	-.00002	.00104	.00952	.00142	2.1465
Stddev	.00001	.0155	.00053	.00007	.00023	.01023	.00000	.0667
%RSD	1.0654	.16547	35.457	463.47	21.888	107.49	.20122	3.1091

#1	.00089	9.3359	.00113	-.00007	.00120	.00228	.00142	2.1937
#2	.00088	9.3578	.00188	.00004	.00088	.01675	.00142	2.0993

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00301	-.00062	46.173	-.00010	.02445	1.3972	-.00001	.03201
Stddev	.00028	.00013	.070	.00023	.00005	.0151	.00006	.00204
%RSD	9.4483	20.757	.15058	233.85	.19979	1.0800	1130.4	6.3854

#1	.00281	-.00071	46.222	.00007	.02442	1.4078	.00004	.03345
#2	.00321	-.00053	46.124	-.00027	.02449	1.3865	-.00005	.03056

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.0950	2.5721	-.00078	.00218	-.03569	-.0002	.06653	1.7707
Stddev	.0027	.0374	.00003	.00146	.01016	.0000	.00002	.1014
%RSD	.08700	1.4529	3.6449	66.771	28.464	8.739	.02724	5.7266

#1	3.0969	2.5985	-.00080	.00115	-.02850	-.0001	.06652	1.8424
#2	3.0931	2.5456	-.00076	.00321	-.04287	-.0002	.06654	1.6990

Elem	U_3859
Units	ppm
Avg	1.7275
Stddev	.4707
%RSD	27.247

#1	2.0604
#2	1.3947

Sample Name: J5033-34 Acquired: 9/26/2018 20:52:17 Type: Unk
Method: P4-ICP2(v2461) 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	2072.5	37436.	4295.1	102.04	3099.2
Stddev	10.4	14.	28.9	.08	17.8
%RSD	.49946	.03638	.67260	.08032	.57515
#1	2065.2	37427.	4274.6	102.10	3086.6
#2	2079.9	37446.	4315.5	101.99	3111.8

Sample Name: J5033-35 Acquired: 9/26/2018 20:56:20 Type: Unk
Method: P4-ICP2(v2461) 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	.00103	-.00115	-.00119	.00383	-.00128	1.7315	.06097	.00002
Stddev	.00024	.00003	.00025	.00157	.00131	.0061	.00060	.00006
%RSD	23.047	2.9111	21.114	40.968	102.29	.35018	.97864	395.83

#1	.00120	-.00117	-.00101	.00494	-.00220	1.7358	.06055	-.00003
#2	.00086	-.00112	-.00136	.00272	-.00035	1.7272	.06139	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	18.009	.00578	-.00017	.00223	1.2813	.00738	3.5626
Stddev	.00008	.136	.00020	.00007	.00004	.0243	.00009	.0117
%RSD	145.09	.75260	3.3779	42.971	1.7732	1.8981	1.2599	.32689

#1	.00000	17.913	.00564	-.00022	.00220	1.2985	.00732	3.5544
#2	-.00012	18.105	.00592	-.00012	.00226	1.2641	.00745	3.5708

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00359	-.00070	80.318	.00282	.02137	3.1974	.00020	.06051
Stddev	.00060	.00007	.249	.00006	.00036	.0118	.00040	.00304
%RSD	16.825	10.223	.31013	2.2265	1.6814	.36931	196.52	5.0197

#1	.00402	-.00065	80.142	.00286	.02163	3.2058	-.00008	.06266
#2	.00316	-.00075	80.494	.00277	.02112	3.1891	.00048	.05836

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.6073	4.5524	-.00290	.05729	-.02771	.0149	.09613	1.9393
Stddev	.0261	.0306	.00140	.00144	.00088	.0004	.00024	.3041
%RSD	.30335	.67295	48.059	2.5104	3.1606	2.879	.24515	15.679

#1	8.6257	4.5741	-.00389	.05628	-.02709	.0152	.09596	2.1543
#2	8.5888	4.5307	-.00192	.05831	-.02832	.0146	.09629	1.7243

Elem	U_3859
Units	ppm
Avg	2.1267
Stddev	.1199
%RSD	5.6396

#1	2.2115
#2	2.0419

Sample Name: J5033-35 Acquired: 9/26/2018 20:56:20 Type: Unk
Method: P4-ICP2(v2461) 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	2057.9	37242.	4323.4	102.46	3011.2
Stddev	10.0	129.	12.6	1.66	12.9
%RSD	.48676	.34522	.29028	1.6205	.42960
#1	2050.8	37333.	4332.3	101.28	3002.0
#2	2064.9	37151.	4314.5	103.63	3020.3

Sample Name: J5033-36 Acquired: 9/26/2018 21:00:23 Type: Unk
Method: P4-ICP2(v2461) 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	-.00405	-.00293	-.00264	.00250	-.00193	.05946	.10106	.00004
Stddev	.00089	.00053	.00018	.00253	.00054	.00278	.00171	.00003
%RSD	22.109	18.223	6.7782	101.32	27.899	4.6828	1.6924	78.722

#1	-.00468	-.00331	-.00277	.00428	-.00155	.06143	.10227	.00002
#2	-.00341	-.00256	-.00252	.00071	-.00231	.05749	.09986	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00301	13.451	.00514	-.00033	-.00053	.06488	.00091	4.7956
Stddev	.00009	.253	.00050	.00009	.00045	.01120	.00001	.0802
%RSD	2.9679	1.8794	9.8105	26.934	86.246	17.266	.64447	1.6720

#1	.00307	13.630	.00549	-.00040	-.00020	.05696	.00091	4.8523
#2	.00294	13.273	.00478	-.00027	-.00085	.07280	.00090	4.7389

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00244	-.00068	96.474	-.00010	.04040	2.3974	.00007	.01789
Stddev	.00008	.00015	2.370	.00016	.00082	.0350	.00001	.00547
%RSD	3.4177	21.545	2.4570	149.36	2.0310	1.4582	9.6448	30.560

#1	.00250	-.00058	98.150	-.00021	.04098	2.4221	.00006	.01402
#2	.00239	-.00079	94.798	.00001	.03982	2.3726	.00007	.02175

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.9564	7.1261	-.00218	.00488	-.01495	.0004	.19568	2.0419
Stddev	.0121	.1725	.00022	.00197	.01719	.0019	.00422	.0970
%RSD	.13460	2.4212	10.063	40.337	115.02	467.6	2.1542	4.7498

#1	8.9649	7.2482	-.00203	.00627	-.00279	-.0009	.19866	1.9734
#2	8.9479	7.0041	-.00234	.00349	-.02711	.0018	.19270	2.1105

Elem	U_3859
Units	ppm
Avg	1.7050
Stddev	.1196
%RSD	7.0153

#1	1.6204
#2	1.7896

Sample Name: J5033-36 Acquired: 9/26/2018 21:00:23 Type: Unk
Method: P4-ICP2(v2461) 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	2051.4	36962.	4254.3	99.212	3006.2
Stddev	7.4	128.	108.1	2.155	6.3
%RSD	.36143	.34704	2.5419	2.1723	.20934
#1	2046.1	36871.	4177.8	97.688	3001.7
#2	2056.6	37053.	4330.7	100.74	3010.6

Sample Name: J5033-37 Acquired: 9/26/2018 21:04:27 Type: Unk
Method: P4-ICP2(v2461) 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	-.00103	.00059	-.00200	.00516	-.00051	.00754	.11962	.00003
Stddev	.00030	.00092	.00003	.00012	.00137	.00240	.00066	.00004
%RSD	28.936	154.36	1.4702	2.3843	267.35	31.840	.55052	123.79

#1	-.00082	.00124	-.00197	.00525	-.00148	.00924	.11916	.00000
#2	-.00124	-.00005	-.00202	.00507	.00045	.00584	.12009	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	25.653	.00060	-.00001	.00393	-.00040	.03337	11.018
Stddev	.00001	.150	.00018	.00004	.00052	.00238	.00000	.037
%RSD	18.887	.58499	29.270	293.70	13.249	592.06	.00324	.33772

#1	-.00003	25.547	.00072	.00001	.00430	.00128	.03337	10.992
#2	-.00002	25.759	.00048	-.00004	.00356	-.00208	.03337	11.044

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00317	-.00076	52.166	-.00011	.02530	3.4682	-.00002	.03703
Stddev	.00023	.00032	.541	.00015	.00001	.0071	.00029	.00077
%RSD	7.1520	42.107	1.0379	135.44	.02846	.20421	1478.2	2.0756

#1	.00333	-.00099	51.783	-.00022	.02531	3.4732	.00018	.03758
#2	.00301	-.00053	52.549	-.00000	.02530	3.4632	-.00022	.03649

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.589	5.1608	-.00378	.00398	-.02876	-.0019	.26548	2.0316
Stddev	.014	.0386	.00117	.00083	.00870	.0010	.00140	.2358
%RSD	.13228	.74801	30.848	20.795	30.259	51.77	.52806	11.605

#1	10.579	5.1335	-.00295	.00457	-.03491	-.0012	.26449	2.1984
#2	10.599	5.1881	-.00460	.00340	-.02260	-.0026	.26647	1.8649

Elem	U_3859
Units	ppm
Avg	1.6030
Stddev	.4336
%RSD	27.049

#1	1.9096
#2	1.2964

Sample Name: J5033-37 Acquired: 9/26/2018 21:04:27 Type: Unk
Method: P4-ICP2(v2461) 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	2060.5	37305.	4297.4	100.53	3042.7
Stddev	10.7	185.	31.1	.23	14.7
%RSD	.51830	.49523	.72355	.23305	.48264
#1	2053.0	37175.	4319.4	100.37	3032.3
#2	2068.1	37436.	4275.4	100.70	3053.1

Sample Name: J5033-38 Acquired: 9/26/2018 21:08:30 Type: Unk
Method: P4-ICP2(v2461) 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	-.00277	-.00096	-.00206	.00542	.00093	.14214	.01907	.00002
Stddev	.00059	.00195	.00022	.00016	.00085	.00083	.00015	.00001
%RSD	21.405	203.52	10.845	2.8589	91.899	.58293	.79910	62.704

#1	-.00235	.00042	-.00222	.00553	.00153	.14156	.01896	.00002
#2	-.00319	-.00234	-.00190	.00532	.00032	.14273	.01917	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00203	7.2391	.01182	.00005	.04351	.23899	.00950	1.9059
Stddev	.00004	.0430	.00019	.00000	.00052	.01234	.00003	.0006
%RSD	1.9316	.59460	1.6384	1.0012	1.1999	5.1626	.35889	.02907

#1	.00205	7.2086	.01196	.00005	.04388	.23027	.00953	1.9063
#2	.00200	7.2695	.01168	.00005	.04314	.24772	.00948	1.9055

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01835	-.00039	4.0025	.00025	.05069	1.2439	.00001	.01049
Stddev	.00019	.00032	.0086	.00012	.00005	.0096	.00012	.00673
%RSD	1.0166	81.047	.21596	47.607	.09577	.76938	852.02	64.139

#1	.01848	-.00062	4.0086	.00034	.05072	1.2506	-.00007	.00573
#2	.01822	-.00017	3.9964	.00017	.05065	1.2371	.00010	.01525

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5306	3.8120	.00084	.00619	-.03705	.0046	.03930	1.3143
Stddev	.0085	.0335	.00003	.00027	.01044	.0004	.00011	.0478
%RSD	.33424	.87953	4.0574	4.4080	28.185	8.804	.28678	3.6357

#1	2.5366	3.8357	.00087	.00600	-.02967	.0049	.03922	1.2805
#2	2.5246	3.7883	.00082	.00638	-.04443	.0043	.03938	1.3481

Elem	U_3859
Units	ppm
Avg	1.2950
Stddev	.1189
%RSD	9.1819

#1	1.3791
#2	1.2109

Sample Name: J5033-38 Acquired: 9/26/2018 21:08:30 Type: Unk
Method: P4-ICP2(v2461) 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	2115.7	38561.	4363.5	104.15	3243.0
Stddev	7.0	188.	31.1	.31	11.9
%RSD	.33277	.48739	.71176	.30141	.36760
#1	2120.7	38428.	4341.6	104.37	3251.4
#2	2110.7	38694.	4385.5	103.93	3234.6

Sample Name: J5033-39 Acquired: 9/26/2018 21:12:35 Type: Unk
Method: P4-ICP2(v2461) 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	-.00155	-.00244	-.00141	.00002	-.00164	.04826	.02672	-.00005
Stddev	.00155	.00018	.00015	.00360	.00155	.01222	.00004	.00007
%RSD	100.28	7.4627	10.535	20409.	94.309	25.310	.16722	131.84

#1	-.00265	-.00257	-.00151	.00256	-.00274	.05690	.02669	-.00010
#2	-.00045	-.00231	-.00130	-.00253	-.00055	.03963	.02675	-.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00068	10.451	.00526	.00013	.00717	.10985	.00255	2.3550
Stddev	.00006	.119	.00027	.00005	.00014	.01329	.00007	.0819
%RSD	8.5240	1.1402	5.1660	38.906	1.9570	12.100	2.8743	3.4785

#1	.00073	10.367	.00545	.00017	.00707	.10045	.00250	2.2971
#2	.00064	10.535	.00507	.00009	.00726	.11924	.00261	2.4129

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00698	-.00036	57.345	-.00000	.01861	1.8909	.00033	.03761
Stddev	.00012	.00042	.489	.00046	.00054	.0358	.00024	.00146
%RSD	1.6565	114.60	.85320	12468.	2.9265	1.8926	72.976	3.8936

#1	.00690	-.00066	56.999	-.00033	.01900	1.8656	.00050	.03865
#2	.00706	-.00007	57.691	.00032	.01823	1.9162	.00016	.03658

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.3792	2.9241	-.00085	.00511	-.04464	.0000	.07687	1.7805
Stddev	.0159	.0335	.00044	.00055	.00043	.0009	.00064	.0856
%RSD	.29515	1.1457	51.939	10.859	.96180	3127.	.83004	4.8065

#1	5.3904	2.9004	-.00054	.00550	-.04494	-.0006	.07642	1.7200
#2	5.3680	2.9478	-.00116	.00472	-.04433	.0007	.07732	1.8410

Elem	U_3859
Units	ppm
Avg	1.8027
Stddev	.0958
%RSD	5.3150

#1	1.8704
#2	1.7349

Sample Name: J5033-39 Acquired: 9/26/2018 21:12:35 Type: Unk
Method: P4-ICP2(v2461) 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	2071.0	37446.	4300.6	102.85	3071.2
Stddev	18.5	135.	24.3	3.31	24.7
%RSD	.89518	.35942	.56533	3.2213	.80485
#1	2057.9	37351.	4317.8	100.51	3053.7
#2	2084.1	37542.	4283.4	105.19	3088.7

Sample Name: J5033-40 Acquired: 9/26/2018 21:16:39 Type: Unk
Method: P4-ICP2(v2461) 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	-.00215	-.00262	-.00082	.00316	-.00053	.04587	.02882	-.00004
Stddev	.00103	.00146	.00104	.00166	.00070	.00846	.00017	.00007
%RSD	47.943	55.764	126.73	52.526	132.97	18.437	.60372	182.88

#1	-.00142	-.00159	-.00156	.00199	-.00003	.03989	.02894	-.00009
#2	-.00288	-.00365	-.00009	.00434	-.00102	.05185	.02870	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00065	11.199	.00485	.00011	.00039	.11603	.00267	2.5985
Stddev	.00009	.005	.00020	.00009	.00007	.00203	.00004	.0954
%RSD	13.250	.04435	4.0272	85.759	17.230	1.7460	1.4579	3.6712

#1	.00059	11.203	.00471	.00017	.00044	.11746	.00265	2.5310
#2	.00071	11.196	.00499	.00004	.00034	.11460	.00270	2.6659

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00661	-.00059	62.880	-.00023	.02694	2.0223	.00006	.03768
Stddev	.00001	.00052	.158	.00043	.00026	.0003	.00014	.00306
%RSD	.22465	88.936	.25094	184.42	.94740	.01340	259.63	8.1321

#1	.00662	-.00095	62.769	-.00054	.02676	2.0225	.00016	.03552
#2	.00660	-.00022	62.992	.00007	.02712	2.0222	-.00005	.03985

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.7447	3.1272	-.00079	.00434	-.03083	.0014	.08221	1.6574
Stddev	.0037	.0255	.00055	.00015	.00428	.0021	.00048	.2944
%RSD	.06398	.81512	69.577	3.5348	13.875	153.7	.57968	17.761

#1	5.7421	3.1453	-.00040	.00424	-.03385	.0028	.08187	1.4493
#2	5.7473	3.1092	-.00118	.00445	-.02780	-.0001	.08254	1.8656

Elem	U_3859
Units	ppm
Avg	1.9372
Stddev	.4087
%RSD	21.098

#1	2.2262
#2	1.6482

Sample Name: J5033-40 Acquired: 9/26/2018 21:16:39 Type: Unk
Method: P4-ICP2(v2461) 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	2070.1	37422.	4289.4	101.57	3076.3
Stddev	8.8	78.	5.6	.17	7.7
%RSD	.42529	.20789	.13046	.16984	.24942
#1	2063.9	37367.	4285.4	101.69	3070.9
#2	2076.3	37477.	4293.4	101.45	3081.8

Sample Name: CCV12 Acquired: 9/26/2018 21:20:42 Type: Unk
Method: P4-ICP2(v2461) 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	4.8213	4.8386	4.7898	4.8351	4.8587	9.7808	9.7136
Stddev	.0166	.0063	.0121	.0127	.0000	.0183	.0470
%RSD	.34501	.12940	.25211	.26170	.00065	.18722	.48432

#1	4.8096	4.8341	4.7813	4.8262	4.8588	9.7937	9.7469
#2	4.8331	4.8430	4.7984	4.8440	4.8587	9.7678	9.6803

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23906	2.4241	25.019	.93931	2.3741	1.2061	4.8626
Stddev	.00023	.0037	.104	.00117	.0016	.0025	.0080
%RSD	.09715	.15087	.41477	.12407	.06847	.20422	.16544

#1	.23889	2.4215	25.093	.93849	2.3729	1.2044	4.8683
#2	.23922	2.4267	24.946	.94014	2.3752	1.2079	4.8569

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4148	24.169	2.3684	1.1851	24.358	2.3797	2.5504
Stddev	.0021	.033	.0047	.0022	.099	.0050	.0176
%RSD	.08496	.13616	.19909	.18119	.40535	.21129	.69222

#1	2.4134	24.146	2.3651	1.1835	24.428	2.3833	2.5629
#2	2.4163	24.192	2.3718	1.1866	24.289	2.3762	2.5379

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.734	4.9224	4.9851	4.7645	4.6938	4.7217	4.9064
Stddev	.121	.0022	.0187	.0053	.0182	.0115	.0170
%RSD	.50776	.04463	.37424	.11124	.38726	.24327	.34714

#1	23.819	4.9208	4.9983	4.7608	4.7067	4.7298	4.9184
#2	23.648	4.9239	4.9719	4.7683	4.6810	4.7136	4.8943

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	4.5571	4.900	4.8714	F 1.3889	F 3.6685
Stddev	.0167	.012	.0202	.1863	.2079
%RSD	.36631	.2353	.41354	13.417	5.6680

#1	4.5689	4.892	4.8856	1.5207	3.5215
#2	4.5453	4.908	4.8572	1.2571	3.8155

Sample Name: CCV12 Acquired: 9/26/2018 21:20:42 Type: Unk
Method: P4-ICP2(v2461) 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	2087.5	37523.	4316.8	100.14	2930.8
Stddev	.1	35.	22.1	.85	.3
%RSD	.00620	.09275	.51144	.85023	.01009
#1	2087.6	37548.	4301.2	99.542	2930.5
#2	2087.4	37499.	4332.4	100.75	2931.0

Sample Name: CCB12 Acquired: 9/26/2018 21:24:29 Type: Unk
Method: P4-ICP2(v2461) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-1-SDUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00224	-.00001	-.00237	.00465	.00115	-.00386	-.00020
Stddev	.00214	.00024	.00060	.00317	.00002	.00419	.00018
%RSD	95.585	1787.1	25.282	68.103	1.8443	108.66	93.847

#1	-.00375	-.00018	-.00194	.00241	.00114	-.00089	-.00033
#2	-.00073	.00016	-.00279	.00689	.00117	-.00682	-.00007

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00002	.00376	-.00026	.00006	-.00052	-.00167
Stddev	.00002	.00000	.00055	.00096	.00022	.00008	.01303
%RSD	38.542	18.029	14.550	367.88	393.01	14.501	780.10

#1	.00005	.00001	.00415	-.00094	-.00010	-.00057	.00754
#2	.00003	.00002	.00337	.00042	.00021	-.00047	-.01088

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	-.05625	.00115	-.00076	-.27297	-.00007	-.00057
Stddev	.00004	.05514	.00003	.00045	.00820	.00051	.00003
%RSD	47.025	98.027	2.7495	59.237	3.0056	741.03	5.9641

#1	-.00005	-.09523	.00113	-.00107	-.27877	.00029	-.00055
#2	-.00011	-.01726	.00118	-.00044	-.26717	-.00043	-.00060

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.04491	.00102	-.00111	-.00409	-.00446	-.00185	.00415
Stddev	.00685	.00029	.00749	.00276	.00130	.00111	.00161
%RSD	15.258	28.462	675.89	67.614	29.207	59.819	38.920

#1	-.04007	.00123	.00419	-.00213	-.00354	-.00107	.00301
#2	-.04976	.00082	-.00641	-.00604	-.00539	-.00264	.00529

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	F -.04185	-.0017	.00016	F 1.5814	F .75338		
Stddev	.00826	.0010	.00003	.1928	.43907		
%RSD	19.729	61.22	16.243	12.193	58.280		

#1	-.04769	-.0024	.00014	1.4451	.44291		
#2	-.03601	-.0009	.00018	1.7178	1.0638		

Sample Name: CCB12 Acquired: 9/26/2018 21:24:29 Type: Unk
Method: P4-ICP2(v2461) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-1-SDUP 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	2134.7	38355.	4262.0	100.51	3268.5
Stddev	3.1	20.	12.1	.18	8.2
%RSD	.14643	.05265	.28416	.17588	.25096
#1	2136.9	38341.	4270.5	100.39	3262.7
#2	2132.5	38370.	4253.4	100.64	3274.3

Sample Name: J5033-41 Acquired: 9/26/2018 21:28:34 Type: Unk
Method: P4-ICP2(v2461) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00271	-.00131	-.00264	.00184	.00079	.01263	.00590	-.00000
Stddev	.00018	.00037	.00090	.00084	.00101	.00061	.00015	.00000
%RSD	6.5354	27.995	34.287	45.534	128.78	4.7951	2.5741	1.0469
#1	-.00283	-.00157	-.00328	.00243	.00150	.01220	.00579	-.00000
#2	-.00258	-.00105	-.00200	.00125	.00007	.01306	.00601	-.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	4.3441	.00884	.00017	.00516	.06326	.00485	1.4180
Stddev	.00009	.0302	.00035	.00018	.00074	.01175	.00007	.0215
%RSD	211.29	.69463	4.0019	108.35	14.410	18.573	1.5134	1.5187
#1	.00011	4.3227	.00909	.00004	.00568	.07157	.00480	1.4028
#2	-.00002	4.3654	.00859	.00029	.00463	.05495	.00490	1.4333

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01533	-.00011	14.979	-.00072	.04794	.91052	.00065	.04319
Stddev	.00003	.00042	.135	.00007	.00080	.02524	.00010	.00238
%RSD	.17661	380.49	.89790	10.061	1.6609	2.7716	15.196	5.5111
#1	.01535	-.00040	14.884	-.00067	.04737	.92836	.00072	.04150
#2	.01531	.00019	15.074	-.00078	.04850	.89267	.00058	.04487

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2087	4.5361	-.00059	.00494	-.03548	.0026	.02307	1.2723
Stddev	.0134	.0634	.00117	.00132	.00196	.0028	.00009	.0006
%RSD	.25751	1.3975	198.70	26.659	5.5369	108.0	.40338	.05037
#1	5.1992	4.4912	-.00141	.00401	-.03409	.0045	.02300	1.2719
#2	5.2182	4.5809	.00024	.00587	-.03686	.0006	.02313	1.2728

Elem	U_3859
Units	ppm
Avg	1.1478
Stddev	.2689
%RSD	23.426
#1	1.3379
#2	.95764

Sample Name: J5033-41 Acquired: 9/26/2018 21:28:34 Type: Unk
Method: P4-ICP2(v2461) 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	2099.8	38291.	4316.1	101.82	3199.1
Stddev	6.1	132.	23.9	1.51	8.1
%RSD	.29024	.34594	.55388	1.4864	.25361
#1	2095.5	38198.	4333.0	102.89	3193.4
#2	2104.1	38385.	4299.2	100.75	3204.8

Sample Name: J4773-12 Acquired: 9/26/2018 21:32:39 Type: Unk
Method: P4-ICP2(v2461) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-02-092518 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00171	-.00561	.00369	.00481	-.00085	.19611	.13058	.00006
Stddev	.00001	.00154	.00034	.00135	.00177	.00486	.00002	.00001
%RSD	.39362	27.489	9.3367	28.172	209.17	2.4770	.01501	26.763

#1	.00172	-.00452	.00345	.00576	-.00210	.19267	.13056	.00007
#2	.00171	-.00670	.00394	.00385	.00041	.19954	.13059	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	14.065	.00023	.00347	.00227	.86188	.67410	1.2171
Stddev	.00000	.061	.00059	.00033	.00044	.00200	.00170	.0436
%RSD	13.470	.43556	259.23	9.3732	19.205	.23263	.25213	3.5794

#1	.00001	14.109	.00064	.00324	.00258	.86330	.67530	1.1863
#2	.00001	14.022	-.00019	.00370	.00196	.86046	.67289	1.2479

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00211	-.00055	266.71	-.00055	.03841	.41349	.00020	.01241
Stddev	.00003	.00028	5.56	.00006	.00062	.01095	.00006	.00006
%RSD	1.3324	50.615	2.0838	11.432	1.6084	2.6492	28.769	.49415

#1	.00213	-.00035	270.64	-.00060	.03884	.42124	.00024	.01245
#2	.00209	-.00074	262.78	-.00051	.03797	.40575	.00016	.01236

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11541	.52249	.00159	.00923	-.04067	.0053	.03768	2.2149
Stddev	.00001	.01586	.00045	.00119	.01062	.0015	.00021	.0600
%RSD	.01164	3.0361	28.444	12.883	26.104	27.70	.55242	2.7109

#1	.11542	.53371	.00191	.00839	-.04818	.0064	.03782	2.2574
#2	.11540	.51127	.00127	.01007	-.03317	.0043	.03753	2.1725

Elem	U_3859
Units	ppm
Avg	3.0773
Stddev	.1720
%RSD	5.5890

#1	3.1989
#2	2.9557

Sample Name: J4773-12 Acquired: 9/26/2018 21:32:39 Type: Unk
Method: P4-ICP2(v2461) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-02-092518 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	2013.9	36151.	4319.6	100.19	2849.4
Stddev	.2	185.	55.3	1.86	8.3
%RSD	.00940	.51119	1.2806	1.8516	.29014
#1	2013.8	36020.	4280.5	98.878	2855.3
#2	2014.1	36282.	4358.7	101.50	2843.6

Sample Name: J4773-14 Acquired: 9/26/2018 21:36:50 Type: Unk
Method: P4-ICP2(v2461) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-02-092518 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	-.00329	.00692	.00729	-.00227	.07780	.10167	.00004
Stddev	.00195	.00136	.00068	.00297	.00055	.00058	.00156	.00003
%RSD	2379.2	41.457	9.8698	40.745	24.181	.74945	1.5343	72.606

#1	.00129	-.00426	.00644	.00939	-.00189	.07821	.10277	.00006
#2	-.00146	-.00233	.00740	.00519	-.00266	.07738	.10057	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00015	16.288	-.00014	.00211	.00224	.08146	.52511	1.5325
Stddev	.00004	.051	.00027	.00021	.00038	.00309	.00059	.0337
%RSD	26.110	.31569	193.48	9.8211	17.113	3.7947	.11228	2.2018

#1	.00018	16.324	.00005	.00225	.00251	.08365	.52469	1.5087
#2	.00013	16.252	-.00033	.00196	.00197	.07927	.52552	1.5564

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00184	.00005	253.68	-.00059	.02326	.46795	.00021	.01114
Stddev	.00009	.00049	2.01	.00030	.00091	.00995	.00027	.00722
%RSD	4.8761	904.51	.79079	50.514	3.9276	2.1270	133.16	64.807

#1	.00190	-.00030	255.10	-.00038	.02391	.47499	.00001	.00604
#2	.00177	.00040	252.26	-.00081	.02261	.46091	.00040	.01625

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23509	.58917	.00133	.00382	-.01981	.0021	.05321	2.2252
Stddev	.00145	.00702	.00150	.00113	.00124	.0015	.00038	.1486
%RSD	.61832	1.1918	113.31	29.712	6.2404	71.59	.71093	6.6784

#1	.23406	.59414	.00026	.00301	-.01894	.0010	.05348	2.1201
#2	.23612	.58421	.00239	.00462	-.02069	.0031	.05295	2.3303

Elem	U_3859
Units	ppm
Avg	2.7054
Stddev	.0036
%RSD	.13126

#1	2.7029
#2	2.7079

Sample Name: J4773-14 Acquired: 9/26/2018 21:36:50 Type: Unk
Method: P4-ICP2(v2461) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-02-092518 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	2038.2	36418.	4322.7	101.68	2902.1
Stddev	18.6	79.	70.7	4.03	22.8
%RSD	.91346	.21794	1.6349	3.9661	.78457
#1	2025.0	36362.	4272.8	98.827	2886.0
#2	2051.3	36474.	4372.7	104.53	2918.2

Sample Name: J4773-16 Acquired: 9/26/2018 21:41:00 Type: Unk
Method: P4-ICP2(v2461) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-02-092518 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00224	-.00314	.00340	.00491	-.00007	.12877	.13217	.00001
Stddev	.00151	.00054	.00048	.00156	.00089	.00577	.00013	.00003
%RSD	67.333	17.232	14.008	31.834	1203.9	4.4796	.09984	305.36

#1	-.00331	-.00276	.00374	.00380	-.00070	.12469	.13207	.00003
#2	-.00117	-.00352	.00306	.00601	.00055	.13285	.13226	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	13.952	.00005	.00351	.00392	.38254	.82070	1.2524
Stddev	.00005	.093	.00034	.00009	.00059	.01127	.00148	.0467
%RSD	83.822	.66781	720.87	2.4759	14.935	2.9449	.18002	3.7322

#1	.00003	13.886	-.00019	.00357	.00433	.37457	.81966	1.2854
#2	.00010	14.018	.00029	.00345	.00351	.39050	.82175	1.2193

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00191	-.00061	273.95	-.00102	.03407	.61696	-.00021	.00815
Stddev	.00020	.00015	.04	.00073	.00036	.00529	.00012	.01117
%RSD	10.494	25.128	.01576	71.109	1.0666	.85695	56.273	136.98

#1	.00177	-.00050	273.98	-.00051	.03432	.61322	-.00029	.00026
#2	.00205	-.00072	273.92	-.00154	.03381	.62070	-.00013	.01605

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11549	.51247	.00157	.00755	-.02785	.0034	.04495	2.2792
Stddev	.00743	.00688	.00023	.00070	.00227	.0008	.00008	.2250
%RSD	6.4311	1.3434	14.897	9.2535	8.1562	22.45	.17051	9.8701

#1	.11024	.51734	.00140	.00805	-.02625	.0040	.04501	2.1201
#2	.12074	.50760	.00174	.00706	-.02946	.0029	.04490	2.4382

Elem	U_3859
Units	ppm
Avg	3.1209
Stddev	.0751
%RSD	2.4072

#1	3.1740
#2	3.0678

Sample Name: J4773-16 Acquired: 9/26/2018 21:41:00 Type: Unk
Method: P4-ICP2(v2461) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-02-092518 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	2030.6	36359.	4348.7	102.71	2876.3
Stddev	10.7	96.	25.3	.20	13.2
%RSD	.52792	.26532	.58249	.19871	.45778
#1	2038.1	36427.	4330.8	102.57	2885.6
#2	2023.0	36291.	4366.6	102.85	2867.0

Sample Name: J4773-18 Acquired: 9/26/2018 21:45:11 Type: Unk
Method: P4-ICP2(v2461) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-02-092518 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00241	-.00190	.00305	.00478	-.00213	.13062	.09743	.00005
Stddev	.00189	.00158	.00162	.00004	.00024	.00154	.00012	.00006
%RSD	78.554	83.159	53.208	.78198	11.300	1.1775	.12377	112.96

#1	-.00107	-.00078	.00419	.00480	-.00230	.12953	.09752	.00009
#2	-.00375	-.00301	.00190	.00475	-.00196	.13171	.09735	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	12.214	-.00010	.00215	.00364	.20076	.51393	.88780
Stddev	.00002	.028	.00063	.00016	.00024	.00389	.00185	.02024
%RSD	26.215	.22564	654.50	7.3581	6.6985	1.9397	.35952	2.2802

#1	.00007	12.195	.00035	.00204	.00381	.19800	.51262	.90212
#2	.00010	12.234	-.00054	.00226	.00347	.20351	.51524	.87349

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00193	-.00034	269.69	-.00018	.01987	.56252	-.00007	.01536
Stddev	.00021	.00049	1.12	.00015	.00028	.00050	.00024	.00235
%RSD	11.036	144.40	.41484	83.223	1.4020	.08815	348.56	15.301

#1	.00208	-.00069	270.48	-.00007	.02007	.56217	-.00024	.01702
#2	.00178	.00001	268.89	-.00028	.01967	.56287	.00010	.01369

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08729	.30635	.00154	.00703	-.01628	.0047	.03398	2.4556
Stddev	.00383	.00295	.00074	.00062	.00812	.0028	.00002	.0807
%RSD	4.3914	.96308	47.712	8.8582	49.869	58.73	.05826	3.2850

#1	.08458	.30426	.00206	.00659	-.01054	.0067	.03397	2.3986
#2	.09000	.30844	.00102	.00748	-.02202	.0028	.03400	2.5127

Elem	U_3859
Units	ppm
Avg	2.9954
Stddev	.1563
%RSD	5.2182

#1	3.1060
#2	2.8849

Sample Name: J4773-18 Acquired: 9/26/2018 21:45:11 Type: Unk
Method: P4-ICP2(v2461) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-02-092518 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	2008.1	36497.	4373.7	104.60	2841.6
Stddev	4.9	38.	9.3	1.00	9.7
%RSD	.24544	.10282	.21223	.95666	.34103
#1	2011.6	36524.	4380.2	103.89	2848.5
#2	2004.6	36471.	4367.1	105.31	2834.8

Sample Name: J4773-20 Acquired: 9/26/2018 21:49:22 Type: Unk
Method: P4-ICP2(v2461) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-02-092518 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00098	-.00331	.00419	.00756	-.00062	.07980	.12096	.00013
Stddev	.00022	.00005	.00005	.00126	.00062	.00331	.00042	.00006
%RSD	22.454	1.5582	1.2705	16.616	99.187	4.1535	.34507	50.440

#1	-.00082	-.00335	.00415	.00845	-.00106	.08214	.12125	.00017
#2	-.00113	-.00327	.00423	.00667	-.00019	.07746	.12066	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	16.866	-.00021	.00256	.00435	.13880	.63157	1.9818
Stddev	.00004	.102	.00019	.00019	.00001	.00920	.00126	.0632
%RSD	37.207	.60591	92.182	7.3310	.31918	6.6269	.19939	3.1883

#1	.00009	16.793	-.00007	.00242	.00436	.13229	.63246	2.0265
#2	.00015	16.938	-.00034	.00269	.00434	.14530	.63068	1.9371

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00215	-.00072	288.94	-.00093	.02547	.55310	-.00003	.00599
Stddev	.00032	.00013	2.10	.00002	.00011	.01451	.00011	.00454
%RSD	14.805	18.496	.72731	2.1915	.42927	2.6229	343.17	75.758

#1	.00192	-.00081	290.42	-.00091	.02540	.54285	-.00011	.00278
#2	.00237	-.00062	287.45	-.00094	.02555	.56336	.00005	.00920

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15033	.48159	.00151	.00503	-.01132	.0033	.04146	2.5772
Stddev	.00067	.00034	.00039	.00201	.00421	.0009	.00003	.0728
%RSD	.44891	.06960	25.927	39.870	37.224	26.62	.07235	2.8254

#1	.15081	.48182	.00179	.00361	-.00834	.0039	.04148	2.6287
#2	.14985	.48135	.00123	.00645	-.01430	.0027	.04144	2.5257

Elem	U_3859
Units	ppm
Avg	3.0718
Stddev	.3035
%RSD	9.8816

#1	3.2865
#2	2.8572

Sample Name: J4773-20 Acquired: 9/26/2018 21:49:22 Type: Unk
Method: P4-ICP2(v2461) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-02-092518 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	2009.8	35976.	4263.8	98.789	2840.4
Stddev	10.5	200.	44.9	.212	13.6
%RSD	.52266	.55711	1.0522	.21419	.48034
#1	2002.4	35834.	4232.1	98.939	2830.7
#2	2017.3	36118.	4295.5	98.639	2850.0

Sample Name: J5074-10 Acquired: 9/26/2018 21:53:32 Type: Unk
Method: P4-ICP2(v2461) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CA-SOIL-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00183	-.00362	.00069	.00510	-.00055	.08147	.07598	.00020
Stddev	.00107	.00028	.00014	.00388	.00055	.00465	.00075	.00001
%RSD	58.643	7.8257	20.424	76.132	101.17	5.7121	.98979	6.4240

#1	-.00107	-.00342	.00059	.00235	-.00016	.08476	.07545	.00020
#2	-.00259	-.00383	.00079	.00784	-.00094	.07818	.07651	.00019

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00019	1.6904	.00041	.00118	.00358	.03444	.02404	.31394
Stddev	.00015	.0024	.00062	.00003	.00019	.00011	.00005	.00826
%RSD	79.877	.14499	152.15	2.5423	5.2540	.30940	.19102	2.6304

#1	.00008	1.6887	-.00003	.00116	.00371	.03451	.02401	.30810
#2	.00030	1.6921	.00085	.00120	.00345	.03436	.02407	.31978

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00199	-.00090	240.02	-.00025	.03161	.18580	-.00012	.01379
Stddev	.00042	.00012	.86	.00007	.00057	.01737	.00005	.00359
%RSD	21.269	12.969	.35973	26.094	1.8149	9.3479	42.751	26.047

#1	.00228	-.00082	240.63	-.00030	.03121	.17352	-.00016	.01125
#2	.00169	-.00098	239.41	-.00021	.03202	.19809	-.00009	.01633

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.40481	.16508	.00119	.00419	-.02029	.0023	.01153	2.2987
Stddev	.00051	.00839	.00031	.00025	.00688	.0007	.00006	.1394
%RSD	.12700	5.0839	26.201	5.9775	33.918	29.71	.54051	6.0632

#1	.40518	.15914	.00141	.00437	-.01542	.0018	.01149	2.3973
#2	.40445	.17101	.00097	.00402	-.02515	.0028	.01157	2.2002

Elem	U_3859
Units	ppm
Avg	2.3684
Stddev	.4226
%RSD	17.844

#1	2.0696
#2	2.6672

Sample Name: J5074-10 Acquired: 9/26/2018 21:53:32 Type: Unk
Method: P4-ICP2(v2461) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CA-SOIL-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	2032.3	36466.	4287.8	100.39	2910.9
Stddev	9.8	200.	26.8	.79	12.0
%RSD	.48182	.54854	.62538	.79131	.41330
#1	2025.4	36324.	4306.8	100.96	2902.4
#2	2039.2	36607.	4268.9	99.832	2919.4

Sample Name: J5074-20 Acquired: 9/26/2018 21:57:44 Type: Unk
Method: P4-ICP2(v2461) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CA-SOIL-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	-.00121	-.00280	-.00017	.00115	-.00048	.76619	.06668	.00008
Stddev	.00162	.00165	.00011	.00288	.00071	.01322	.00032	.00007
%RSD	133.67	58.849	63.104	251.87	149.20	1.7257	.48158	84.040

#1	-.00007	-.00396	-.00009	.00319	.00003	.77554	.06691	.00013
#2	-.00236	-.00163	-.00025	-.00089	-.00098	.75684	.06645	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	2.1469	.00139	.00119	.00268	.64293	.03158	.39529
Stddev	.00007	.0026	.00001	.00005	.00042	.01839	.00015	.02052
%RSD	68.022	.11874	.56461	4.0540	15.586	2.8603	.48762	5.1903

#1	.00015	2.1451	.00138	.00122	.00239	.62993	.03147	.40980
#2	.00005	2.1487	.00140	.00115	.00298	.65594	.03169	.38078

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00207	-.00054	218.17	.00139	.03071	.29171	.00004	.00531
Stddev	.00060	.00013	.93	.00026	.00052	.00665	.00006	.01041
%RSD	28.857	23.512	.42561	18.709	1.6979	2.2791	137.70	195.91

#1	.00165	-.00063	218.83	.00121	.03034	.29641	.00000	.01267
#2	.00250	-.00045	217.52	.00158	.03108	.28701	.00009	-.00205

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20714	1.1000	.00131	.02228	-.01740	.0126	.01371	1.6838
Stddev	.00436	.0231	.00138	.00022	.01247	.0002	.00002	.1606
%RSD	2.1056	2.0969	104.93	1.0056	71.655	1.469	.11927	9.5387

#1	.20405	1.0837	.00034	.02244	-.02622	.0125	.01370	1.7974
#2	.21022	1.1163	.00229	.02213	-.00859	.0128	.01372	1.5702

Elem	U_3859
Units	ppm
Avg	2.7100
Stddev	.2625
%RSD	9.6848

#1	2.8956
#2	2.5244

Sample Name: J5074-20 Acquired: 9/26/2018 21:57:44 Type: Unk
Method: P4-ICP2(v2461) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CA-SOIL-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	2058.2	37058.	4352.4	100.56	2953.3
Stddev	3.1	211.	10.9	1.13	3.2
%RSD	.15202	.56985	.25056	1.1278	.10979
#1	2056.0	36909.	4360.1	101.36	2951.0
#2	2060.4	37208.	4344.7	99.755	2955.6

Sample Name: J5081-04 Acquired: 9/26/2018 22:01:55 Type: Unk
Method: P4-ICP2(v2461) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-1-S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00343	-.00173	.00001	.00519	.00068	.03791	.04929	.00001
Stddev	.00193	.00046	.00017	.00051	.00121	.00627	.00036	.00005
%RSD	56.245	26.539	1855.6	9.7367	177.87	16.540	.73569	593.17

#1	-.00479	-.00140	-.00011	.00484	.00154	.03348	.04903	.00004
#2	-.00206	-.00205	.00013	.00555	-.00018	.04235	.04954	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	8.4128	.00027	-.00016	.00221	.00576	.01412	.38282
Stddev	.00008	.0102	.00004	.00013	.00021	.00895	.00012	.02603
%RSD	631.72	.12171	14.264	82.210	9.6870	155.32	.85380	6.7997

#1	.00004	8.4055	.00029	-.00025	.00236	.01209	.01404	.36441
#2	-.00007	8.4200	.00024	-.00007	.00206	-.00057	.01421	.40122

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00068	-.00044	261.53	-.00015	.02740	.32111	-.00003	.00378
Stddev	.00008	.00035	2.32	.00014	.00014	.00466	.00023	.00113
%RSD	11.458	79.621	.88697	92.784	.50217	1.4511	703.67	29.983

#1	.00074	-.00069	263.17	-.00025	.02731	.32440	.00013	.00458
#2	.00063	-.00019	259.89	-.00005	.02750	.31781	-.00019	.00298

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17048	.33482	.00108	.00380	-.04193	.0243	.06482	2.4444
Stddev	.00049	.00135	.00003	.00120	.00978	.0030	.00023	.0335
%RSD	.28669	.40306	2.9897	31.610	23.325	12.35	.35335	1.3704

#1	.17014	.33578	.00110	.00465	-.03502	.0264	.06499	2.4207
#2	.17083	.33387	.00105	.00295	-.04885	.0222	.06466	2.4681

Elem	U_3859
Units	ppm
Avg	2.8417
Stddev	.5757
%RSD	20.259

#1	3.2488
#2	2.4346

Sample Name: J5081-04 Acquired: 9/26/2018 22:01:55 Type: Unk
Method: P4-ICP2(v2461) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-1-S 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	2044.6	36810.	4376.9	102.18	2910.9
Stddev	4.6	56.	44.4	.78	.5
%RSD	.22515	.15258	1.0137	.76331	.01599
#1	2041.4	36849.	4345.5	102.73	2911.3
#2	2047.9	36770.	4408.2	101.63	2910.6

Sample Name: J5081-08 Acquired: 9/26/2018 22:06:07 Type: Unk
Method: P4-ICP2(v2461) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-1-D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00248	-.00347	.00001	.00617	-.00011	.05605	.04125	-.00003
Stddev	.00209	.00102	.00044	.00268	.00031	.00030	.00017	.00001
%RSD	84.038	29.319	3483.0	43.421	294.91	.53949	.40506	42.950

#1	-.00101	-.00419	.00033	.00807	-.00033	.05627	.04113	-.00002
#2	-.00396	-.00275	-.00030	.00428	.00012	.05584	.04136	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00015	4.9147	.00022	.00197	.00271	.03994	.25721	.36324
Stddev	.00006	.0439	.00026	.00010	.00009	.00265	.00089	.00120
%RSD	40.256	.89330	118.06	5.1478	3.1972	6.6379	.34596	.33113

#1	-.00011	4.9458	.00004	.00190	.00265	.04181	.25658	.36239
#2	-.00019	4.8837	.00041	.00205	.00277	.03806	.25784	.36409

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00144	-.00062	276.05	-.00002	.01961	.40263	.00003	.01081
Stddev	.00004	.00017	2.92	.00041	.00060	.03288	.00009	.01001
%RSD	2.5072	26.856	1.0564	1637.8	3.0512	8.1660	296.21	92.624

#1	.00147	-.00050	278.11	-.00031	.02003	.42588	.00009	.00373
#2	.00142	-.00074	273.99	.00026	.01919	.37938	-.00003	.01788

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15206	.32221	.00078	.00491	-.01975	.0077	.04484	1.6604
Stddev	.00013	.00378	.00091	.00186	.00043	.0009	.00015	.1112
%RSD	.08356	1.1733	117.58	37.910	2.1826	11.19	.33364	6.6950

#1	.15197	.32489	.00013	.00360	-.02006	.0083	.04474	1.5818
#2	.15215	.31954	.00142	.00623	-.01945	.0071	.04495	1.7390

Elem	U_3859
Units	ppm
Avg	2.6949
Stddev	.0434
%RSD	1.6108

#1	2.7256
#2	2.6642

Sample Name: J5081-08 Acquired: 9/26/2018 22:06:07 Type: Unk
Method: P4-ICP2(v2461) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-1-D 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	2061.0	37119.	4401.6	100.53	2931.9
Stddev	5.6	61.	50.7	3.12	9.3
%RSD	.27306	.16534	1.1521	3.0997	.31587
#1	2057.0	37076.	4365.8	98.326	2925.3
#2	2065.0	37163.	4437.5	102.73	2938.4

Sample Name: CCV13 Acquired: 9/26/2018 22:10:18 Type: Unk
Method: P4-ICP2(v2461) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV13894 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8510	4.8455	4.7741	4.8450	4.8655	9.6871	9.7630
Stddev	.0137	.0025	.0123	.0010	.0100	.0191	.0294
%RSD	.28178	.05223	.25799	.02044	.20524	.19694	.30105

#1	4.8413	4.8437	4.7828	4.8443	4.8584	9.7006	9.7838
#2	4.8606	4.8473	4.7654	4.8457	4.8726	9.6736	9.7422

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23734	2.4199	24.942	.93803	2.3631	1.2078	4.8082
Stddev	.00079	.0038	.198	.00106	.0011	.0018	.0178
%RSD	.33291	.15539	.79413	.11274	.04786	.14515	.36927

#1	.23790	2.4226	24.802	.93728	2.3639	1.2066	4.8208
#2	.23678	2.4173	25.082	.93878	2.3623	1.2090	4.7956

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4051	23.911	2.3550	1.1812	24.518	2.3750	2.5512
Stddev	.0008	.248	.0009	.0005	.067	.0090	.0086
%RSD	.03242	1.0374	.03844	.04110	.27216	.37811	.33733

#1	2.4046	23.735	2.3543	1.1808	24.565	2.3686	2.5573
#2	2.4057	24.086	2.3556	1.1815	24.471	2.3813	2.5451

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.817	4.9255	4.9977	4.7665	4.7087	4.6958	4.8938
Stddev	.034	.0039	.0452	.0161	.0225	.0006	.0057
%RSD	.14088	.07939	.90541	.33692	.47768	.01303	.11631

#1	23.840	4.9227	4.9657	4.7551	4.6928	4.6954	4.8898
#2	23.793	4.9283	5.0297	4.7778	4.7246	4.6962	4.8978

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	4.5692	4.882	4.8546	F 1.2795	F 3.6226
Stddev	.0139	.010	.0023	.0167	.0648
%RSD	.30471	.2134	.04675	1.3033	1.7894

#1	4.5594	4.889	4.8562	1.2913	3.6685
#2	4.5791	4.874	4.8530	1.2677	3.5768

Sample Name: CCV13 Acquired: 9/26/2018 22:10:18 Type: Unk
Method: P4-ICP2(v2461) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV13894 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	2093.1	37826.	4310.7	100.14	2949.1
Stddev	1.6	53.	15.3	.42	6.4
%RSD	.07804	.13977	.35401	.41653	.21831
#1	2091.9	37789.	4321.5	99.845	2944.5
#2	2094.2	37864.	4299.9	100.43	2953.6

Sample Name: CCB13 Acquired: 9/26/2018 22:14:08 Type: Unk
Method: P4-ICP2(v2461) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB13894 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	-.00019	-.00093	.00292	.00251	-.00934	.00010
Stddev	.00395	.00070	.00070	.00036	.00178	.00058	.00003
%RSD	3315.4	367.47	74.997	12.165	70.773	6.2143	28.639

#1	-.00267	.00030	-.00044	.00317	.00377	-.00893	.00008
#2	.00291	-.00068	-.00143	.00267	.00125	-.00975	.00013

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	.00004	-.00121	-.00052	-.00009	-.00065	.00664
Stddev	.00003	.00002	.01455	.00026	.00015	.00034	.00313
%RSD	39.522	62.412	1204.9	50.395	169.74	53.219	47.220

#1	.00005	.00005	-.01150	-.00070	.00002	-.00040	.00885
#2	.00009	.00002	.00908	-.00033	-.00019	-.00089	.00442

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.06623	.00117	-.00029	-.19528	.00006	-.00072
Stddev	.00003	.05356	.00012	.00009	.00628	.00018	.00008
%RSD	179.04	80.872	9.9562	31.319	3.2165	283.69	11.176

#1	.00000	-.02836	.00125	-.00023	-.19084	.00019	-.00066
#2	-.00004	-.10410	.00109	-.00035	-.19972	-.00006	-.00077

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.04033	.00107	-.00793	-.00368	-.00600	-.00094	.00397
Stddev	.00821	.00014	.00157	.00095	.00365	.00013	.00163
%RSD	20.352	12.790	19.860	25.695	60.773	13.722	41.127

#1	-.04613	.00116	-.00904	-.00435	-.00342	-.00085	.00512
#2	-.03452	.00097	-.00682	-.00301	-.00858	-.00103	.00281

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	F -.02190	-.0014	.00013	F 1.2758	F .94637		
Stddev	.00292	.0003	.00003	.2080	.18576		
%RSD	13.351	21.90	20.234	16.305	19.629		

#1	-.01983	-.0016	.00015	1.1287	.81502		
#2	-.02397	-.0012	.00011	1.4229	1.0777		

Sample Name: CCB13 Acquired: 9/26/2018 22:14:08 Type: Unk
Method: P4-ICP2(v2461) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB13894 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	2159.6	38762.	4315.1	103.06	3308.0
Stddev	9.0	79.	11.5	2.18	4.0
%RSD	.41742	.20491	.26628	2.1145	.11983
#1	2153.2	38706.	4323.2	104.60	3305.2
#2	2165.9	38818.	4307.0	101.52	3310.8

Sample Name: J5081-16 Acquired: 9/26/2018 22:18:15 Type: Unk
Method: P4-ICP2(v2461) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00298	-.00275	-.00096	.00363	.00146	.06016	.08543	.00007
Stddev	.00092	.00028	.00108	.00177	.00119	.00034	.00089	.00010
%RSD	31.066	10.170	112.67	48.716	81.472	.55896	1.0401	147.44

#1	-.00232	-.00256	-.00172	.00488	.00062	.05992	.08480	-.00000
#2	-.00363	-.00295	-.00019	.00238	.00230	.06040	.08605	.00014

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	2.5942	.00086	.00369	.00110	1.9771	.36233	.23141
Stddev	.00001	.0124	.00025	.00019	.00010	.0057	.00031	.01825
%RSD	18.337	.47687	29.148	5.0436	8.6917	.28997	.08492	7.8848

#1	.00005	2.5855	.00068	.00355	.00103	1.9730	.36255	.24431
#2	.00006	2.6030	.00104	.00382	.00117	1.9811	.36212	.21851

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00209	-.00033	256.30	-.00023	.02273	.08899	.00026	.00151
Stddev	.00042	.00055	2.00	.00024	.00000	.01147	.00004	.00196
%RSD	19.939	167.10	.77899	101.06	.01268	12.887	16.254	129.52

#1	.00180	.00006	257.71	-.00007	.02273	.08088	.00029	.00013
#2	.00239	-.00072	254.89	-.00040	.02273	.09710	.00023	.00290

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07631	.29162	.00275	.00653	-.02187	.0042	.01726	2.3172
Stddev	.00150	.00387	.00027	.00274	.00237	.0013	.00012	.0852
%RSD	1.9643	1.3256	9.9789	42.010	10.826	30.13	.70063	3.6757

#1	.07737	.28888	.00255	.00847	-.02019	.0033	.01717	2.2570
#2	.07525	.29435	.00294	.00459	-.02354	.0051	.01734	2.3775

Elem	U_3859
Units	ppm
Avg	3.4189
Stddev	.5865
%RSD	17.155

#1	3.8336
#2	3.0041

Sample Name: J5081-16 Acquired: 9/26/2018 22:18:15 Type: Unk
 Method: P4-ICP2(v2461) 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	2047.1	36758.	4341.9	100.83	2925.4
Stddev	6.8	156.	8.7	.02	4.0
%RSD	.33118	.42506	.19972	.02231	.13540
#1	2042.3	36648.	4335.8	100.82	2922.6
#2	2051.9	36869.	4348.1	100.85	2928.2

Sample Name: J5085-08 Acquired: 9/26/2018 22:22:26 Type: Unk
Method: P4-ICP2(v2461) 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	.00022	-.00084	-.00271	.00018	-.00136	.00287	.08028	-.00006
Stddev	.00011	.00128	.00042	.00226	.00037	.00227	.00019	.00004
%RSD	51.274	152.08	15.645	1244.4	27.578	79.138	.23438	61.648

#1	.00014	.00006	-.00241	.00178	-.00162	.00126	.08014	-.00008
#2	.00030	-.00174	-.00301	-.00142	-.00109	.00448	.08041	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	6.9507	.00049	-.00008	-.00045	.02511	.06155	1.4210
Stddev	.00008	.0111	.00001	.00005	.00015	.01168	.00031	.0064
%RSD	606.97	.15944	1.0474	61.705	33.091	46.507	.49796	.44731

#1	-.00004	6.9585	.00049	-.00011	-.00034	.03337	.06134	1.4255
#2	.00007	6.9428	.00049	-.00004	-.00055	.01685	.06177	1.4165

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00107	-.00012	7.9137	-.00025	.03976	.64394	.00076	.03414
Stddev	.00011	.00020	.0284	.00037	.00065	.04281	.00008	.00368
%RSD	9.9918	161.45	.35895	144.98	1.6402	6.6475	10.143	10.771

#1	.00115	.00002	7.8936	-.00051	.03930	.61367	.00070	.03154
#2	.00100	-.00027	7.9337	.00001	.04022	.67421	.00081	.03674

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.74810	1.1477	-.00030	.00358	-.02845	.0019	.03450	.70868
Stddev	.00212	.0131	.00034	.00102	.01252	.0004	.00024	.09382
%RSD	.28361	1.1408	112.67	28.453	43.997	20.49	.68376	13.239

#1	.74660	1.1384	-.00006	.00286	-.01960	.0022	.03466	.77502
#2	.74960	1.1569	-.00054	.00430	-.03730	.0016	.03433	.64234

Elem	U_3859
Units	ppm
Avg	1.1177
Stddev	.2203
%RSD	19.711

#1	.96195
#2	1.2735

Sample Name: J5085-08 Acquired: 9/26/2018 22:22:26 Type: Unk
 Method: P4-ICP2(v2461) 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	2141.9	39346.	4421.2	105.78	3289.8
Stddev	8.0	220.	3.5	1.61	18.3
%RSD	.37531	.55925	.07805	1.5236	.55492
#1	2136.2	39191.	4418.8	106.91	3276.8
#2	2147.6	39502.	4423.6	104.64	3302.7

Sample Name: J5085-09 Acquired: 9/26/2018 22:26:31 Type: Unk
Method: P4-ICP2(v2461) 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	.00467	-.00280	-.00149	.00243	.00002	.00821	.05699	-.00008
Stddev	.00262	.00056	.00000	.00332	.00072	.01651	.00042	.00011
%RSD	56.164	20.032	.26126	136.92	4469.8	201.16	.73816	144.64

#1	.00653	-.00241	-.00149	.00478	-.00050	-.00347	.05669	.00000
#2	.00282	-.00320	-.00150	.00008	.00053	.01988	.05729	-.00016

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	6.6609	.00058	-.00005	.00050	.03131	.04146	1.1757
Stddev	.00014	.0638	.00044	.00001	.00006	.00511	.00037	.1416
%RSD	716.37	.95723	76.339	12.986	12.534	16.319	.88452	12.041

#1	.00008	6.6159	.00090	-.00005	.00055	.02770	.04120	1.0756
#2	-.00012	6.7060	.00027	-.00004	.00046	.03492	.04172	1.2758

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00117	-.00099	7.2586	.00005	.03203	.65597	.00100	.03109
Stddev	.00020	.00011	.0045	.00029	.00013	.00073	.00019	.00447
%RSD	17.328	11.116	.06259	572.03	.39746	.11152	19.042	14.379

#1	.00102	-.00091	7.2618	.00026	.03212	.65546	.00087	.03425
#2	.00131	-.00107	7.2554	-.00015	.03194	.65649	.00114	.02793

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.67671	1.0642	.00003	.00445	-.02632	.0059	.03321	.55841
Stddev	.00033	.0016	.00075	.00077	.00315	.0022	.00010	.24991
%RSD	.04835	.15072	2428.1	17.295	11.952	37.87	.29734	44.754

#1	.67648	1.0654	.00056	.00500	-.02409	.0043	.03314	.73512
#2	.67695	1.0631	-.00050	.00391	-.02854	.0075	.03328	.38170

Elem	U_3859
Units	ppm
Avg	.90623
Stddev	.13229
%RSD	14.598

#1	.99977
#2	.81268

Sample Name: J5085-09 Acquired: 9/26/2018 22:26:31 Type: Unk
Method: P4-ICP2(v2461) 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	2145.5	39380.	4415.0	103.95	3284.0
Stddev	13.0	111.	23.9	.76	27.3
%RSD	.60622	.28205	.54096	.72987	.83244
#1	2136.3	39301.	4398.1	103.42	3264.6
#2	2154.7	39458.	4431.9	104.49	3303.3

Sample Name: J5085-10 Acquired: 9/26/2018 22:30:35 Type: Unk
Method: P4-ICP2(v2461) 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	.00539	-.00115	-.00197	.00321	.00063	.00211	.06410	-.00004
Stddev	.00221	.00050	.00067	.00200	.00073	.00513	.00024	.00003
%RSD	41.062	43.629	34.140	62.241	116.28	243.28	.37304	76.046

#1	.00382	-.00150	-.00149	.00180	.00011	.00573	.06393	-.00002
#2	.00695	-.00079	-.00245	.00462	.00114	-.00152	.06427	-.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	7.2385	.00037	-.00001	-.00059	.04040	.04873	1.6217
Stddev	.00007	.0291	.00000	.00023	.00022	.00638	.00005	.0239
%RSD	161.44	.40240	1.0704	1537.3	37.178	15.783	.10142	1.4710

#1	-.00009	7.2179	.00038	.00014	-.00075	.03590	.04876	1.6386
#2	.00001	7.2591	.00037	-.00017	-.00044	.04491	.04869	1.6048

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00143	-.00057	8.7149	-.00008	.03349	.66548	.00062	.02325
Stddev	.00073	.00038	.0335	.00022	.00043	.00332	.00002	.00174
%RSD	50.648	66.971	.38467	270.34	1.2976	.49914	3.9601	7.5054

#1	.00092	-.00030	8.7386	-.00023	.03380	.66783	.00063	.02201
#2	.00195	-.00084	8.6912	.00007	.03319	.66313	.00060	.02448

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.79856	1.1486	-.00038	.00212	-.02551	.0023	.03632	1.1324
Stddev	.00127	.0006	.00104	.00137	.00679	.0003	.00003	.3427
%RSD	.15923	.05588	276.00	64.847	26.615	11.69	.09331	30.265

#1	.79945	1.1491	-.00112	.00115	-.03031	.0021	.03634	1.3747
#2	.79766	1.1481	.00036	.00309	-.02071	.0025	.03630	.89007

Elem	U_3859
Units	ppm
Avg	1.2806
Stddev	.1356
%RSD	10.587

#1	1.3765
#2	1.1848

Sample Name: J5085-10 Acquired: 9/26/2018 22:30:35 Type: Unk
 Method: P4-ICP2(v2461) 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	2148.0	39254.	4378.7	102.61	3291.2
Stddev	10.4	193.	13.1	.46	14.9
%RSD	.48517	.49206	.29803	.45226	.45165
#1	2155.3	39118.	4369.4	102.28	3301.7
#2	2140.6	39391.	4387.9	102.94	3280.7

Sample Name: J5085-11 Acquired: 9/26/2018 22:34:40 Type: Unk
Method: P4-ICP2(v2461) 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	-.00008	-.00242	.00233	.00110	-.00093	-.00999	.02365	.00007
Stddev	.00117	.00196	.00049	.00323	.00023	.00526	.00051	.00004
%RSD	1520.6	80.681	20.934	293.86	24.297	52.636	2.1381	58.598

#1	-.00091	-.00104	.00199	.00338	-.00077	-.00627	.02401	.00004
#2	.00075	-.00381	.00268	-.00118	-.00109	-.01371	.02329	.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	28.038	-.00022	-.00044	.01044	.00366	.00859	82.773
Stddev	.00012	.136	.00047	.00005	.00045	.00283	.00000	.533
%RSD	556.04	.48328	207.94	11.105	4.2639	77.373	.01970	.64422

#1	.00010	28.134	.00011	-.00041	.01013	.00566	.00859	83.150
#2	-.00006	27.942	-.00055	-.00048	.01076	.00166	.00859	82.396

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00076	-.00052	676.51	-.00001	.10491	26.503	.00080	.30489
Stddev	.00006	.00022	10.49	.00033	.00095	.212	.00033	.01238
%RSD	7.7678	42.577	1.5505	3102.1	.90612	.79892	41.963	4.0605

#1	-.00072	-.00037	683.92	-.00024	.10558	26.653	.00103	.29613
#2	-.00080	-.00068	669.09	.00022	.10424	26.354	.00056	.31364

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	56.176	.30104	-.01883	.00392	.10454	.0086	.40684	3.5527
Stddev	.239	.00037	.00082	.00112	.01356	.0003	.00310	.1296
%RSD	.42579	.12320	4.3682	28.621	12.973	3.860	.76253	3.6472

#1	56.345	.30131	-.01942	.00471	.09495	.0088	.40904	3.6443
#2	56.007	.30078	-.01825	.00312	.11413	.0084	.40465	3.4611

Elem	U_3859
Units	ppm
Avg	3.8706
Stddev	.1075
%RSD	2.7761

#1	3.7946
#2	3.9466

Sample Name: J5085-11 Acquired: 9/26/2018 22:34:40 Type: Unk
Method: P4-ICP2(v2461) 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	1933.6	34430.	4175.5	98.100	2640.0
Stddev	10.0	47.	50.5	.966	11.1
%RSD	.51848	.13737	1.2084	.98496	.42186
#1	1926.5	34396.	4139.8	97.417	2632.1
#2	1940.7	34463.	4211.2	98.784	2647.8

Sample Name: J5085-12 Acquired: 9/26/2018 22:38:49 Type: Unk
Method: P4-ICP2(v2461) 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	.00163	-.00285	.00156	.00532	-.00216	-.02120	.01626	.00001
Stddev	.00468	.00047	.00026	.00608	.00215	.00721	.00019	.00006
%RSD	286.17	16.417	16.918	114.36	99.182	33.984	1.1696	490.39

#1	.00494	-.00319	.00174	.00962	-.00368	-.02630	.01613	.00006
#2	-.00167	-.00252	.00137	.00102	-.00065	-.01611	.01640	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00020	40.722	-.00021	-.00047	.00086	.00952	.00115	119.09
Stddev	.00002	.316	.00022	.00004	.00044	.00486	.00004	1.06
%RSD	8.7800	.77537	104.32	9.3301	50.928	51.004	3.7543	.89370

#1	-.00021	40.498	-.00037	-.00050	.00055	.00609	.00118	118.34
#2	-.00019	40.945	-.00006	-.00044	.00116	.01296	.00112	119.85

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00213	-.00023	961.41	.00015	.02678	38.440	.00068	.43071
Stddev	.00029	.00034	2.77	.00026	.00030	.076	.00002	.00958
%RSD	13.746	146.70	.28763	173.01	1.1244	.19689	3.1041	2.2237

#1	-.00234	-.00048	963.37	-.00003	.02656	38.386	.00067	.42394
#2	-.00193	.00001	959.46	.00033	.02699	38.493	.00070	.43749

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	87.421	.30235	-.03084	.00204	.17830	.0214	.68273	4.1838
Stddev	.312	.00355	.00149	.00045	.00884	.0015	.00147	.0189
%RSD	.35656	1.1756	4.8331	22.103	4.9605	6.997	.21505	.45106

#1	87.642	.30487	-.03190	.00172	.18455	.0225	.68169	4.1971
#2	87.201	.29984	-.02979	.00236	.17204	.0204	.68377	4.1704

Elem	U_3859
Units	ppm
Avg	5.0271
Stddev	.3258
%RSD	6.4814

#1	5.2575
#2	4.7967

Sample Name: J5085-12 Acquired: 9/26/2018 22:38:49 Type: Unk
Method: P4-ICP2(v2461) 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	1876.1	33522.	4135.7	94.885	2517.1
Stddev	4.1	85.	1.2	1.966	9.9
%RSD	.22041	.25453	.03018	2.0715	.39387
#1	1873.2	33462.	4134.8	96.274	2510.1
#2	1879.0	33583.	4136.6	93.495	2524.1

Sample Name: J5085-13 Acquired: 9/26/2018 22:42:59 Type: Unk
Method: P4-ICP2(v2461) 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	.00275	-.00201	-.00135	.00226	.00192	.01092	.07673	.00005
Stddev	.00208	.00144	.00018	.00202	.00051	.00015	.00066	.00005
%RSD	75.776	71.876	13.303	89.140	26.411	1.3762	.86036	102.91

#1	.00128	-.00302	-.00148	.00084	.00227	.01103	.07720	.00008
#2	.00422	-.00099	-.00123	.00369	.00156	.01081	.07627	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	6.4271	.00093	.00005	.00118	.01264	.04305	1.7715
Stddev	.00003	.0197	.00052	.00018	.00031	.00998	.00007	.0327
%RSD	44.402	.30657	55.619	360.24	26.148	78.980	.15146	1.8454

#1	.00005	6.4411	.00057	-.00008	.00096	.00558	.04301	1.7484
#2	.00010	6.4132	.00130	.00018	.00140	.01969	.04310	1.7947

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00184	-.00092	7.2140	.00017	.02781	.67958	.00131	.03124
Stddev	.00030	.00077	.0248	.00049	.00010	.02273	.00016	.00418
%RSD	16.074	83.118	.34314	289.04	.36069	3.3443	12.385	13.386

#1	.00163	-.00038	7.2315	-.00018	.02774	.66351	.00142	.03419
#2	.00205	-.00147	7.1965	.00051	.02789	.69565	.00119	.02828

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.67711	1.1547	-.00021	.00364	-.01684	.0172	.03409	1.2111
Stddev	.00212	.0091	.00029	.00078	.00814	.0001	.00005	.5182
%RSD	.31290	.78569	134.60	21.445	48.349	.7653	.13745	42.783

#1	.67861	1.1483	-.00001	.00419	-.02260	.0171	.03412	1.5775
#2	.67562	1.1611	-.00042	.00309	-.01109	.0173	.03406	.84474

Elem	U_3859
Units	ppm
Avg	1.4896
Stddev	.5370
%RSD	36.049

#1	1.8693
#2	1.1099

Sample Name: J5085-13 Acquired: 9/26/2018 22:42:59 Type: Unk
Method: P4-ICP2(v2461) 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	2113.5	38927.	4315.9	101.15	3251.4
Stddev	6.0	178.	20.6	.33	5.5
%RSD	.28308	.45598	.47707	.32219	.17011
#1	2109.3	38801.	4301.3	100.91	3247.5
#2	2117.7	39052.	4330.4	101.38	3255.3

Sample Name: J5085-14 Acquired: 9/26/2018 22:47:03 Type: Unk
Method: P4-ICP2(v2461) 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	.00199	-.00194	-.00204	.00298	.00004	.00470	.06409	-.00005
Stddev	.00026	.00057	.00031	.00394	.00007	.00107	.00057	.00012
%RSD	12.791	29.657	15.092	132.06	152.59	22.785	.88956	261.19

#1	.00218	-.00234	-.00226	.00020	-.00000	.00545	.06369	.00004
#2	.00181	-.00153	-.00182	.00576	.00009	.00394	.06450	-.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	3.0803	.00084	-.00015	.00119	.03510	.01877	.63620
Stddev	.00006	.0407	.00010	.00019	.00019	.00392	.00015	.02839
%RSD	176.23	1.3201	12.224	129.18	16.337	11.178	.81809	4.4627

#1	.00001	3.0515	.00077	-.00001	.00105	.03787	.01867	.61613
#2	-.00008	3.1091	.00092	-.00029	.00133	.03232	.01888	.65628

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00121	-.00071	3.5082	-.00041	.02468	.31236	.00134	.02820
Stddev	.00053	.00013	.0129	.00078	.00028	.02998	.00008	.00254
%RSD	44.058	19.045	.36648	191.13	1.1291	9.5968	6.0912	8.9926

#1	.00083	-.00061	3.4991	-.00096	.02448	.29116	.00128	.03000
#2	.00159	-.00080	3.5173	.00014	.02488	.33355	.00139	.02641

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.39184	.62856	-.00058	.00320	-.02592	.0133	.01597	1.0438
Stddev	.00432	.00844	.00011	.00125	.01433	.0022	.00006	.4182
%RSD	1.1019	1.3425	19.756	39.143	55.297	16.42	.37872	40.064

#1	.38879	.62259	-.00066	.00409	-.03605	.0118	.01592	1.3396
#2	.39489	.63453	-.00050	.00232	-.01578	.0149	.01601	.74813

Elem	U_3859
Units	ppm
Avg	1.3339
Stddev	.5860
%RSD	43.930

#1	1.7483
#2	.91957

Sample Name: J5085-14 Acquired: 9/26/2018 22:47:03 Type: Unk
Method: P4-ICP2(v2461) 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	2124.0	39022.	4338.3	101.26	3290.8
Stddev	9.4	133.	10.6	.03	12.1
%RSD	.44379	.34026	.24449	.02698	.36708
#1	2117.3	38928.	4330.8	101.24	3282.3
#2	2130.6	39116.	4345.8	101.28	3299.4

Sample Name: J5052-03 Acquired: 9/26/2018 22:51:09 Type: Unk
Method: P4-ICP2(v2461) 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	.00872	.00143	.00467	.00442	-.00443	-.06704	.01956	.00014
Stddev	.00047	.00054	.00076	.00047	.00036	.00912	.00034	.00000
%RSD	5.4208	37.381	16.225	10.707	8.0394	13.607	1.7610	2.4415
#1	.00906	.00106	.00520	.00409	-.00469	-.06059	.01981	.00014
#2	.00839	.00181	.00413	.00476	-.00418	-.07349	.01932	.00015

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00022	115.93	-.00100	-.00049	.00185	-.02397	.01903	328.91
Stddev	.00003	.27	.00019	.00017	.00028	.00167	.00013	.38
%RSD	14.769	.23594	19.150	35.402	14.923	6.9607	.66050	.11650
#1	-.00019	116.12	-.00114	-.00037	.00166	-.02515	.01894	328.64
#2	-.00024	115.73	-.00087	-.00061	.00205	-.02279	.01912	329.18

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00284	-.00014	2115.2	.00072	.00164	108.95	.00242	1.1266
Stddev	.00016	.00031	28.0	.00003	.00011	.21	.00043	.0021
%RSD	5.7292	218.33	1.3254	3.8847	6.8368	.19045	17.716	.18886
#1	-.00295	.00008	2135.0	.00074	.00156	109.09	.00272	1.1251
#2	-.00272	-.00036	2095.3	.00070	.00172	108.80	.00211	1.1281

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	279.11	.99754	-.10221	-.00095	.44010	.1215	1.8639	5.0661
Stddev	.44	.00231	.00114	.00014	.00200	.0020	.0033	.0072
%RSD	.15630	.23115	1.1148	15.158	.45492	1.668	.17835	.14288
#1	279.42	.99591	-.10301	-.00084	.44152	.1229	1.8662	5.0713
#2	278.80	.99917	-.10140	-.00105	.43869	.1201	1.8615	5.0610

Elem	U_3859
Units	ppm
Avg	6.1909
Stddev	.5382
%RSD	8.6936
#1	6.5715
#2	5.8103

Sample Name: J5052-03 Acquired: 9/26/2018 22:51:09 Type: Unk
Method: P4-ICP2(v2461) 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	1832.8	31936.	4109.3	92.945	2271.1
Stddev	2.4	92.	1.1	.319	.9
%RSD	.13068	.28726	.02718	.34331	.04073
#1	1831.1	32001.	4110.0	92.719	2270.5
#2	1834.5	31871.	4108.5	93.171	2271.8

Sample Name: J5052-04 Acquired: 9/26/2018 22:55:19 Type: Unk
Method: P4-ICP2(v2461) 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	.00756	-.00134	.00168	.00074	-.00454	-.01881	.01964	.00024
Stddev	.00278	.00050	.00088	.00120	.00028	.00881	.00059	.00002
%RSD	36.787	37.083	52.255	161.79	6.1573	46.850	3.0089	10.455

#1	.00952	-.00169	.00231	.00160	-.00474	-.01258	.01922	.00022
#2	.00559	-.00099	.00106	-.00011	-.00434	-.02504	.02006	.00026

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00015	59.013	-.00123	-.00045	.00118	-.01236	.00160	131.90
Stddev	.00011	.261	.00020	.00016	.00012	.00444	.00004	.16
%RSD	71.902	.44172	16.054	36.640	9.8212	35.922	2.5839	.12500

#1	-.00023	58.829	-.00109	-.00033	.00127	-.01550	.00157	132.02
#2	-.00007	59.197	-.00137	-.00056	.00110	-.00922	.00163	131.78

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00171	-.00097	996.50	.00110	-.00012	42.475	.00105	.47004
Stddev	.00016	.00048	9.28	.00083	.00005	.289	.00022	.00015
%RSD	9.5911	49.074	.93123	74.870	41.611	.68007	20.575	.03136

#1	-.00183	-.00131	1003.1	.00052	-.00016	42.271	.00089	.47015
#2	-.00160	-.00064	989.93	.00169	-.00009	42.680	.00120	.46994

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	102.87	.83732	-.03744	.00114	.14585	.0722	.78761	3.7917
Stddev	.24	.00131	.00122	.00081	.01445	.0008	.00412	.1673
%RSD	.23420	.15681	3.2703	70.998	9.9044	1.050	.52311	4.4126

#1	103.04	.83639	-.03657	.00172	.13564	.0716	.78470	3.6734
#2	102.70	.83825	-.03831	.00057	.15607	.0727	.79053	3.9100

Elem	U_3859
Units	ppm
Avg	5.2633
Stddev	.9436
%RSD	17.929

#1	5.9305
#2	4.5960

Sample Name: J5052-04 Acquired: 9/26/2018 22:55:19 Type: Unk
Method: P4-ICP2(v2461) 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	1980.1	34837.	4247.2	99.223	2590.3
Stddev	9.8	217.	15.2	.521	11.8
%RSD	.49272	.62206	.35766	.52510	.45432
#1	1973.2	34991.	4257.9	99.591	2581.9
#2	1987.0	34684.	4236.4	98.854	2598.6

Sample Name: CCV14 Acquired: 9/26/2018 22:59:28 Type: Unk
Method: P4-ICP2(v2461) 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	4.9323	4.8947	4.8409	4.9612	4.9775	10.014	9.9405
Stddev	.0012	.0053	.0054	.0142	.0136	.113	.0693
%RSD	.02398	.10819	.11158	.28640	.27263	1.1299	.69728

#1	4.9331	4.8984	4.8447	4.9511	4.9871	10.094	9.8915
#2	4.9314	4.8909	4.8371	4.9712	4.9679	9.9344	9.9895

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24105	2.4500	25.213	.94301	2.3933	1.2230	4.8557
Stddev	.00030	.0007	.126	.00467	.0020	.0039	.0407
%RSD	.12297	.02953	.49926	.49546	.08474	.31681	.83831

#1	.24126	2.4495	25.124	.94631	2.3947	1.2203	4.8845
#2	.24084	2.4506	25.302	.93970	2.3918	1.2257	4.8269

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4328	24.043	2.3925	1.1911	24.970	2.4042	2.5400
Stddev	.0037	.124	.0005	.0004	.257	.0070	.0122
%RSD	.15114	.51499	.01983	.03701	1.0273	.29228	.47961

#1	2.4354	23.955	2.3928	1.1914	24.789	2.4091	2.5487
#2	2.4302	24.130	2.3921	1.1908	25.151	2.3992	2.5314

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.377	4.9988	5.0164	4.8838	4.6960	4.7505	4.9599
Stddev	.218	.0035	.0142	.0030	.0575	.0044	.0231
%RSD	.89566	.06970	.28358	.06224	1.2247	.09209	.46652

#1	24.223	4.9963	5.0063	4.8860	4.6554	4.7474	4.9436
#2	24.532	5.0012	5.0265	4.8817	4.7367	4.7536	4.9763

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	4.6912	4.977	4.8429	F 2.2211	F 3.5653
Stddev	.0128	.004	.0357	.0011	.0564
%RSD	.27223	.0911	.73681	.04769	1.5813

#1	4.6821	4.980	4.8177	2.2203	3.6052
#2	4.7002	4.973	4.8682	2.2218	3.5255

Sample Name: CCV14 Acquired: 9/26/2018 22:59:28 Type: Unk
Method: P4-ICP2(v2461) 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	2052.1	37052.	4311.1	100.28	2892.9
Stddev	3.9	71.	44.5	.66	8.4
%RSD	.18885	.19210	1.0332	.65363	.28963
#1	2049.3	37001.	4342.6	99.821	2887.0
#2	2054.8	37102.	4279.6	100.75	2898.9

Sample Name: CCB14 Acquired: 9/26/2018 23:03:15 Type: Unk
Method: P4-ICP2(v2461) 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	-.00013	.00043	-.00079	-.00090	.00118	-.00484	-.00075
Stddev	.00226	.00038	.00040	.00310	.00040	.00214	.00010
%RSD	1701.9	88.157	50.396	343.70	34.188	44.100	13.833

#1	-.00173	.00016	-.00108	.00129	.00147	-.00333	-.00082
#2	.00146	.00070	-.00051	-.00310	.00089	-.00636	-.00068

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	.00011	-.00457	-.00049	-.00013	-.00016	-.00494
Stddev	.00002	.00001	.01051	.00020	.00012	.00035	.00765
%RSD	15.523	7.0594	230.00	40.314	90.516	217.51	154.81

#1	.00010	.00010	-.01200	-.00035	-.00021	-.00041	-.01035
#2	.00012	.00011	.00286	-.00064	-.00005	.00009	.00047

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	-.08107	.00136	-.00090	.36325	-.00034	-.00063
Stddev	.00007	.02350	.00049	.00029	.01706	.00004	.00002
%RSD	187.40	28.982	36.267	32.370	4.6962	10.612	3.6866

#1	.00001	-.09768	.00171	-.00111	.35119	-.00036	-.00061
#2	-.00009	-.06445	.00101	-.00070	.37531	-.00031	-.00064

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06297	.00114	-.00074	-.00387	-.00705	-.00124	.00374
Stddev	.00949	.00019	.00090	.00067	.00068	.00055	.00038
%RSD	15.069	16.273	121.91	17.279	9.6822	44.852	10.203

#1	.06967	.00128	-.00010	-.00434	-.00753	-.00084	.00347
#2	.05626	.00101	-.00138	-.00340	-.00657	-.00163	.00401

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00137	.0016	.00001	F .80048	F .73675
Stddev	.00448	.0005	.00003	.27703	.00800
%RSD	326.13	29.82	296.21	34.608	1.0854

#1	-.00179	.0019	.00003	.60459	.73109
#2	.00454	.0012	-.00001	.99637	.74240

Sample Name: CCB14 Acquired: 9/26/2018 23:03:15 Type: Unk
Method: P4-ICP2(v2461) 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	2168.9	39236.	4378.7	102.71	3328.0
Stddev	26.5	39.	9.8	.25	23.3
%RSD	1.2234	.09858	.22300	.24200	.69967
#1	2150.1	39209.	4371.8	102.89	3311.5
#2	2187.6	39263.	4385.6	102.54	3344.4

Sample Name: J5052-05 Acquired: 9/26/2018 23:07:22 Type: Unk
Method: P4-ICP2(v2461) 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	.00618	.00015	.00367	.00442	-.00328	-.06767	.02102	.00008
Stddev	.00239	.00200	.00116	.00360	.00217	.01049	.00041	.00005
%RSD	38.728	1315.9	31.522	81.282	66.082	15.497	1.9603	70.598

#1	.00787	-.00126	.00285	.00697	-.00482	-.07509	.02131	.00004
#2	.00449	.00157	.00448	.00188	-.00175	-.06026	.02073	.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00032	107.99	-.00111	-.00027	.00153	-.01978	.01692	300.58
Stddev	.00001	.56	.00029	.00014	.00048	.01137	.00002	1.37
%RSD	4.6279	.51941	26.071	52.573	31.198	57.468	.11014	.45735

#1	-.00033	107.60	-.00132	-.00017	.00186	-.02782	.01691	299.61
#2	-.00031	108.39	-.00091	-.00037	.00119	-.01174	.01693	301.55

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00304	-.00006	1978.7	.00071	.00166	99.845	.00203	1.0518
Stddev	.00084	.00100	29.7	.00057	.00001	.866	.00029	.0234
%RSD	27.612	1551.1	1.5025	80.553	.82971	.86765	14.173	2.2276

#1	-.00363	-.00077	1999.8	.00030	.00167	99.233	.00183	1.0683
#2	-.00244	.00064	1957.7	.00111	.00165	100.46	.00223	1.0352

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	253.79	.97872	-.09303	.00029	.40251	.1149	1.7171	5.5111
Stddev	.58	.00551	.00166	.00127	.00612	.0033	.0144	.0841
%RSD	.22775	.56258	1.7810	430.70	1.5192	2.888	.83712	1.5262

#1	253.39	.97483	-.09420	.00119	.39819	.1125	1.7069	5.5705
#2	254.20	.98261	-.09186	-.00060	.40684	.1172	1.7273	5.4516

Elem	U_3859
Units	ppm
Avg	5.9276
Stddev	.3350
%RSD	5.6509

#1	6.1645
#2	5.6908

Sample Name: J5052-05 Acquired: 9/26/2018 23:07:22 Type: Unk
Method: P4-ICP2(v2461) 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	1833.4	32164.	4109.5	95.239	2287.7
Stddev	3.7	118.	29.5	1.641	8.9
%RSD	.20105	.36734	.71800	1.7231	.38881
#1	1836.0	32248.	4130.4	94.078	2294.0
#2	1830.8	32081.	4088.6	96.399	2281.5

Sample Name: J5052-06 Acquired: 9/26/2018 23:11:31 Type: Unk
Method: P4-ICP2(v2461) 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	.00700	.00096	.00294	.00145	-.00377	-.03233	.01920	.00019
Stddev	.00107	.00160	.00031	.00288	.00062	.01537	.00002	.00001
%RSD	15.267	165.69	10.629	199.19	16.345	47.539	.11063	6.6140

#1	.00624	.00209	.00272	.00348	-.00334	-.02146	.01918	.00020
#2	.00775	-.00017	.00317	-.00059	-.00421	-.04320	.01921	.00018

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00026	62.716	-.00114	-.00051	.00116	-.00961	.00310	144.87
Stddev	.00002	.662	.00016	.00024	.00040	.00883	.00001	.24
%RSD	8.5419	1.0561	14.088	46.624	34.159	91.894	.32323	.16498

#1	-.00024	62.248	-.00102	-.00034	.00144	-.01585	.00311	144.70
#2	-.00027	63.184	-.00125	-.00067	.00088	-.00336	.00309	145.04

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00103	-.00052	1064.5	.00106	.00041	46.747	.00127	.52014
Stddev	.00014	.00067	19.8	.00048	.00005	.565	.00031	.01156
%RSD	13.174	128.76	1.8618	45.397	12.059	1.2082	24.276	2.2230

#1	-.00112	-.00100	1050.4	.00072	.00037	46.348	.00148	.51196
#2	-.00093	-.00005	1078.5	.00140	.00044	47.147	.00105	.52832

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	115.35	.84791	-.04072	.00348	.17590	.0757	.85843	4.0948
Stddev	.02	.01445	.00093	.00156	.00480	.0030	.00900	.3726
%RSD	.01738	1.7045	2.2750	44.826	2.7284	3.908	1.0480	9.0988

#1	115.34	.83769	-.04137	.00459	.17251	.0778	.85207	3.8314
#2	115.37	.85813	-.04006	.00238	.17929	.0737	.86480	4.3583

Elem	U_3859
Units	ppm
Avg	5.2782
Stddev	.8337
%RSD	15.795

#1	5.8678
#2	4.6887

Sample Name: J5052-06 Acquired: 9/26/2018 23:11:31 Type: Unk
Method: P4-ICP2(v2461) 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	1953.6	34269.	4302.5	98.738	2540.5
Stddev	6.4	30.	56.5	2.526	4.2
%RSD	.32722	.08885	1.3129	2.5578	.16511
#1	1949.1	34291.	4342.5	100.52	2537.5
#2	1958.2	34248.	4262.6	96.952	2543.4

Sample Name: J5052-07 Acquired: 9/26/2018 23:15:41 Type: Unk
Method: P4-ICP2(v2461) 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	.00509	-.00002	.00229	.00639	-.00222	-.02059	.01873	.00015
Stddev	.00159	.00035	.00049	.00260	.00341	.00503	.00077	.00001
%RSD	31.164	1642.6	21.490	40.687	153.31	24.453	4.0927	5.4676
#1	.00621	-.00027	.00194	.00455	.00019	-.02415	.01819	.00015
#2	.00397	.00023	.00264	.00823	-.00463	-.01703	.01927	.00016

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	54.579	-.00079	-.00063	.00141	-.02258	.00153	115.47
Stddev	.00003	.065	.00023	.00016	.00006	.00297	.00004	.30
%RSD	71.574	.11894	29.354	24.695	4.1865	13.161	2.6781	.25950
#1	-.00002	54.625	-.00096	-.00052	.00137	-.02048	.00150	115.69
#2	-.00007	54.533	-.00063	-.00074	.00145	-.02468	.00156	115.26

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00064	-.00021	874.93	.00110	.00099	37.516	.00112	.41121
Stddev	.00004	.00017	4.51	.00047	.00009	.012	.00010	.00037
%RSD	6.5750	81.405	.51526	43.102	8.7642	.03068	8.8642	.09061
#1	-.00067	-.00009	878.12	.00143	.00105	37.524	.00119	.41147
#2	-.00061	-.00034	871.75	.00076	.00093	37.508	.00105	.41094

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	91.537	.80768	-.03402	.00137	.12184	.0676	.70459	3.9570
Stddev	.365	.00335	.00012	.00062	.00552	.0025	.00092	.0874
%RSD	.39873	.41429	.35398	45.274	4.5328	3.763	.13080	2.2083
#1	91.795	.81005	-.03393	.00181	.11794	.0694	.70394	4.0188
#2	91.279	.80532	-.03410	.00093	.12575	.0658	.70525	3.8952

Elem	U_3859
Units	ppm
Avg	5.3498
Stddev	.0976
%RSD	1.8238
#1	5.4188
#2	5.2808

Sample Name: J5052-07 Acquired: 9/26/2018 23:15:41 Type: Unk
Method: P4-ICP2(v2461) 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	1971.1	34860.	4300.1	99.419	2590.5
Stddev	.3	47.	.7	1.514	.5
%RSD	.01494	.13375	.01568	1.5224	.01755
#1	1970.9	34893.	4299.6	98.349	2590.2
#2	1971.3	34827.	4300.6	100.49	2590.8

Sample Name: J5052-08 Acquired: 9/26/2018 23:19:50 Type: Unk
 Method: P4-ICP2(v2461) 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	.00916	-.00011	.00279	.00236	-.00456	-.05180	.01965	.00011
Stddev	.00155	.00111	.00130	.00059	.00142	.00456	.00060	.00007
%RSD	16.882	968.48	46.550	25.092	31.254	8.7958	3.0312	68.437

#1	.01025	-.00090	.00187	.00195	-.00556	-.05502	.01923	.00005
#2	.00807	.00067	.00370	.00278	-.00355	-.04858	.02007	.00016

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00024	92.268	-.00076	-.00047	.00128	-.02354	.00802	245.32
Stddev	.00003	.572	.00073	.00010	.00046	.00444	.00006	1.79
%RSD	11.837	.61976	95.377	21.378	36.326	18.861	.78297	.72867

#1	-.00022	91.864	-.00127	-.00040	.00161	-.02668	.00798	244.05
#2	-.00026	92.672	-.00025	-.00054	.00095	-.02040	.00806	246.58

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00301	-.00033	1655.2	.00062	.00076	81.713	.00184	.85041
Stddev	.00045	.00041	7.0	.00020	.00001	.728	.00014	.00024
%RSD	15.075	124.85	.42228	31.978	1.8870	.89072	7.7375	.02824

#1	-.00333	-.00004	1660.1	.00048	.00075	81.198	.00174	.85058
#2	-.00269	-.00061	1650.2	.00076	.00077	82.227	.00194	.85024

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	205.25	.93933	-.07466	.00007	.31900	.1044	1.4275	5.0032
Stddev	.00	.01508	.00076	.00152	.00268	.0025	.0119	.2702
%RSD	.00159	1.6055	1.0193	2294.9	.84030	2.436	.83571	5.4005

#1	205.25	.92866	-.07412	-.00101	.31710	.1026	1.4191	4.8121
#2	205.25	.94999	-.07520	.00114	.32089	.1062	1.4359	5.1943

Elem	U_3859
Units	ppm
Avg	6.0411
Stddev	.2134
%RSD	3.5322

#1	6.1920
#2	5.8902

Sample Name: J5052-08 Acquired: 9/26/2018 23:19:50 Type: Unk
Method: P4-ICP2(v2461) 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	1852.4	32542.	4147.0	94.990	2332.2
Stddev	8.5	109.	39.5	.508	3.0
%RSD	.45744	.33466	.95368	.53532	.12761
#1	1846.4	32619.	4174.9	94.630	2330.1
#2	1858.4	32465.	4119.0	95.350	2334.3

Sample Name: J5052-09 Acquired: 9/26/2018 23:24:00 Type: Unk
Method: P4-ICP2(v2461) 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	.00508	.00005	.00248	.00534	-.00195	-.02715	.01847	.00009
Stddev	.00292	.00068	.00020	.00136	.00000	.00175	.00049	.00007
%RSD	57.516	1265.0	7.8964	25.388	.02216	6.4631	2.6287	77.126
#1	.00715	.00054	.00261	.00438	-.00195	-.02591	.01813	.00015
#2	.00301	-.00043	.00234	.00630	-.00195	-.02839	.01881	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00022	53.667	-.00071	-.00031	.00132	-.01847	.00144	112.30
Stddev	.00008	.051	.00033	.00011	.00042	.00031	.00003	.56
%RSD	37.925	.09503	46.560	36.640	31.384	1.6948	1.7980	.50233
#1	-.00016	53.703	-.00095	-.00039	.00103	-.01825	.00142	112.70
#2	-.00028	53.631	-.00048	-.00023	.00162	-.01870	.00146	111.90

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00103	-.00008	847.52	.00084	-.00003	36.440	.00085	.39363
Stddev	.00008	.00048	.86	.00034	.00014	.077	.00017	.00552
%RSD	8.0670	622.22	.10124	39.936	497.42	.21092	20.336	1.4036
#1	-.00109	-.00042	848.13	.00061	.00007	36.385	.00098	.38972
#2	-.00097	.00026	846.92	.00108	-.00012	36.494	.00073	.39753

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	88.510	.83853	-.03168	-.00036	.12456	.0691	.68905	3.5991
Stddev	.319	.00303	.00155	.00087	.00423	.0001	.00072	.4892
%RSD	.36046	.36147	4.9062	240.58	3.3953	.1932	.10383	13.593
#1	88.736	.83639	-.03278	-.00098	.12755	.0692	.68855	3.2531
#2	88.285	.84067	-.03058	.00025	.12157	.0690	.68956	3.9450

Elem	U_3859
Units	ppm
Avg	4.9378
Stddev	.3431
%RSD	6.9491
#1	4.6951
#2	5.1804

Sample Name: J5052-09 Acquired: 9/26/2018 23:24:00 Type: Unk
Method: P4-ICP2(v2461) 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	1963.6	34764.	4236.8	96.763	2581.4
Stddev	5.0	166.	6.3	.585	10.1
%RSD	.25317	.47703	.14833	.60475	.39087
#1	1960.1	34881.	4232.4	97.177	2574.3
#2	1967.2	34647.	4241.3	96.349	2588.6

Sample Name: J5052-10 Acquired: 9/26/2018 23:28:09 Type: Unk
Method: P4-ICP2(v2461) 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	.00886	.00163	.00201	.00363	-.00310	-.02027	.01927	.00017
Stddev	.00317	.00190	.00016	.00566	.00069	.00600	.00010	.00001
%RSD	35.799	116.74	7.7482	156.11	22.281	29.583	.53433	4.6078

#1	.01111	.00028	.00212	-.00038	-.00358	-.02451	.01920	.00018
#2	.00662	.00297	.00190	.00763	-.00261	-.01603	.01934	.00017

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00015	52.812	-.00049	-.00066	.00181	-.00315	.00121	109.82
Stddev	.00000	.120	.00037	.00018	.00020	.00252	.00012	.18
%RSD	.92920	.22779	75.341	26.866	11.055	80.180	10.262	.16265

#1	-.00015	52.897	-.00023	-.00053	.00196	-.00136	.00113	109.69
#2	-.00014	52.726	-.00075	-.00078	.00167	-.00493	.00130	109.94

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00132	-.00021	843.64	.00068	.00122	35.886	.00050	.38931
Stddev	.00024	.00039	10.38	.00041	.00004	.133	.00016	.00102
%RSD	17.899	187.95	1.2303	60.287	3.0133	.36994	31.249	.26232

#1	-.00149	-.00049	850.98	.00097	.00125	35.980	.00039	.38859
#2	-.00116	.00007	836.30	.00039	.00120	35.792	.00061	.39004

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	87.927	.81232	-.03162	.00220	.11083	.0687	.67831	4.0792
Stddev	.213	.00261	.00060	.00032	.00833	.0024	.00396	.0242
%RSD	.24245	.32074	1.8841	14.461	7.5138	3.424	.58453	.59352

#1	88.078	.81416	-.03120	.00197	.11672	.0704	.68111	4.0620
#2	87.777	.81048	-.03204	.00242	.10494	.0671	.67551	4.0963

Elem	U_3859
Units	ppm
Avg	5.2783
Stddev	.2933
%RSD	5.5572

#1	5.4858
#2	5.0709

Sample Name: J5052-10 Acquired: 9/26/2018 23:28:09 Type: Unk
Method: P4-ICP2(v2461) 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	1942.5	34707.	4263.7	96.584	2557.0
Stddev	3.6	57.	7.8	.557	1.3
%RSD	.18282	.16364	.18348	.57714	.05102
#1	1945.0	34747.	4258.2	96.190	2557.9
#2	1940.0	34667.	4269.2	96.979	2556.1

Sample Name: J5052-11 Acquired: 9/26/2018 23:32:19 Type: Unk
Method: P4-ICP2(v2461) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00040	.00139	.00070	.00319	-.00307	-.01781	.01940	.00016
Stddev	.00008	.00163	.00028	.00080	.00067	.01416	.00062	.00002
%RSD	20.237	117.83	39.952	25.025	21.709	79.485	3.1836	10.990

#1	.00045	.00023	.00051	.00262	-.00355	-.00780	.01896	.00015
#2	.00034	.00254	.00090	.00375	-.00260	-.02782	.01983	.00018

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00024	52.509	-.00124	-.00006	.00176	-.01886	.00812	107.24
Stddev	.00006	.051	.00014	.00013	.00005	.00616	.00011	.31
%RSD	23.830	.09711	11.400	219.75	3.1325	32.647	1.3436	.29294

#1	-.00020	52.473	-.00114	-.00015	.00172	-.02322	.00819	107.47
#2	-.00028	52.545	-.00134	.00003	.00179	-.01451	.00804	107.02

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00128	.00021	823.60	.00071	.00003	34.869	.00094	.37665
Stddev	.00047	.00017	3.51	.00005	.00005	.130	.00021	.00500
%RSD	37.077	80.998	.42661	7.1140	179.63	.37207	22.018	1.3281

#1	-.00161	.00034	826.08	.00068	.00006	34.777	.00079	.37311
#2	-.00094	.00009	821.11	.00075	-.00001	34.961	.00109	.38018

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	85.037	.87971	-.03103	.00238	.11907	.0784	.66381	3.9554
Stddev	.145	.00655	.00074	.00119	.01165	.0003	.00194	.1592
%RSD	.17072	.74422	2.3837	49.889	9.7858	.3474	.29214	4.0251

#1	85.139	.88434	-.03051	.00322	.12731	.0786	.66244	4.0680
#2	84.934	.87509	-.03155	.00154	.11083	.0782	.66518	3.8429

Elem	U_3859
Units	ppm
Avg	4.7178
Stddev	.2741
%RSD	5.8101

#1	4.9116
#2	4.5240

Sample Name: J5052-11 Acquired: 9/26/2018 23:32:19 Type: Unk
Method: P4-ICP2(v2461) 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	1954.3	34507.	4230.8	97.819	2572.5
Stddev	2.2	142.	14.5	2.321	3.8
%RSD	.11255	.41069	.34308	2.3732	.14707
#1	1952.7	34407.	4220.5	99.460	2569.8
#2	1955.9	34607.	4241.0	96.177	2575.1

Sample Name: J5052-12 Acquired: 9/26/2018 23:36:30 Type: Unk
Method: P4-ICP2(v2461) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00217	-.00038	.00109	.00514	-.00517	-.02679	.01982	.00007
Stddev	.00029	.00205	.00028	.00186	.00029	.00270	.00055	.00001
%RSD	13.467	537.29	25.395	36.141	5.6598	10.090	2.7588	16.936

#1	.00196	-.00183	.00128	.00646	-.00497	-.02870	.01943	.00007
#2	.00237	.00107	.00089	.00383	-.00538	-.02488	.02021	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00018	51.491	-.00066	-.00048	.00113	-.01363	.00270	103.75
Stddev	.00004	.048	.00079	.00024	.00045	.00640	.00008	.01
%RSD	22.469	.09391	119.49	48.856	39.669	46.931	2.9207	.01121

#1	-.00020	51.456	-.00010	-.00065	.00081	-.01816	.00265	103.76
#2	-.00015	51.525	-.00121	-.00032	.00145	-.00911	.00276	103.74

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00131	-.00049	795.20	.00064	-.00018	33.629	.00051	.37287
Stddev	.00000	.00047	3.67	.00025	.00005	.016	.00026	.01500
%RSD	.24877	96.100	.46165	38.458	28.270	.04886	50.433	4.0235

#1	-.00131	-.00016	797.79	.00081	-.00022	33.641	.00069	.36226
#2	-.00131	-.00082	792.60	.00046	-.00015	33.618	.00033	.38348

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	81.855	.86653	-.02978	.00299	.11193	.0740	.64104	3.9331
Stddev	.551	.00128	.00004	.00092	.00493	.0003	.00150	.0123
%RSD	.67365	.14815	.12599	30.832	4.4060	.3462	.23376	.31241

#1	81.465	.86562	-.02975	.00234	.11542	.0738	.64210	3.9418
#2	82.245	.86744	-.02981	.00364	.10845	.0742	.63998	3.9244

Elem	U_3859
Units	ppm
Avg	4.4920
Stddev	.4438
%RSD	9.8802

#1	4.1782
#2	4.8059

Sample Name: J5052-12 Acquired: 9/26/2018 23:36:30 Type: Unk
Method: P4-ICP2(v2461) 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	1956.6	34487.	4213.5	98.228	2577.4
Stddev	5.0	205.	11.1	.867	8.9
%RSD	.25722	.59301	.26245	.88263	.34466
#1	1960.2	34631.	4221.4	98.841	2583.7
#2	1953.0	34342.	4205.7	97.615	2571.1

Sample Name: J5052-13 Acquired: 9/26/2018 23:40:39 Type: Unk
Method: P4-ICP2(v2461) 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	-.00031	.00202	.00276	-.00239	-.03154	.01976	.00011
Stddev	.00132	.00087	.00039	.00051	.00035	.01858	.00051	.00002
%RSD	27.972	280.59	19.250	18.581	14.745	58.908	2.6006	16.190

#1	.00378	-.00093	.00229	.00312	-.00214	-.01840	.01940	.00010
#2	.00564	.00031	.00174	.00239	-.00264	-.04467	.02013	.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00017	50.718	-.00133	-.00028	.00114	-.01584	.00285	100.71
Stddev	.00009	.012	.00021	.00002	.00020	.00484	.00010	.32
%RSD	50.325	.02385	15.663	6.3361	17.831	30.558	3.6614	.32024

#1	-.00023	50.709	-.00119	-.00029	.00100	-.01242	.00278	100.94
#2	-.00011	50.726	-.00148	-.00027	.00128	-.01926	.00293	100.48

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00130	-.00066	769.93	.00086	.00008	32.705	.00080	.34414
Stddev	.00026	.00083	3.31	.00023	.00002	.003	.00006	.01091
%RSD	19.754	125.38	.43018	26.976	23.657	.01045	7.4772	3.1697

#1	-.00112	-.00007	772.27	.00102	.00009	32.703	.00084	.33643
#2	-.00148	-.00125	767.59	.00070	.00006	32.708	.00076	.35186

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	79.674	.87045	-.02914	.00112	.10203	.0730	.62768	3.8966
Stddev	.293	.00287	.00156	.00058	.00004	.0001	.00233	.2438
%RSD	.36733	.32975	5.3606	51.837	.03773	.1314	.37043	6.2562

#1	79.881	.87248	-.03024	.00153	.10206	.0730	.62604	3.7242
#2	79.467	.86842	-.02803	.00071	.10200	.0729	.62932	4.0690

Elem	U_3859
Units	ppm
Avg	4.4989
Stddev	.4305
%RSD	9.5699

#1	4.1945
#2	4.8034

Sample Name: J5052-13 Acquired: 9/26/2018 23:40:39 Type: Unk
Method: P4-ICP2(v2461) 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	1948.5	34514.	4213.0	97.700	2570.1
Stddev	1.6	18.	11.6	.511	8.2
%RSD	.08300	.05183	.27443	.52273	.32035
#1	1947.3	34526.	4221.2	97.338	2564.2
#2	1949.6	34501.	4204.8	98.061	2575.9

Sample Name: J5052-14 Acquired: 9/26/2018 23:44:49 Type: Unk
Method: P4-ICP2(v2461) 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	.00595	-.00014	.00125	.00303	-.00277	-.02640	.01979	.00015
Stddev	.00219	.00212	.00096	.00310	.00369	.01550	.00024	.00002
%RSD	36.828	1500.7	76.806	102.15	133.16	58.711	1.2347	12.831

#1	.00750	-.00164	.00193	.00084	-.00538	-.01544	.01997	.00017
#2	.00440	.00136	.00057	.00522	-.00016	-.03736	.01962	.00014

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00024	49.553	-.00106	-.00021	.00119	-.01425	.00154	97.733
Stddev	.00002	.151	.00018	.00000	.00010	.00533	.00002	.015
%RSD	8.0068	.30546	16.477	.71594	8.5853	37.409	1.1018	.01504

#1	-.00025	49.446	-.00119	-.00021	.00126	-.01802	.00156	97.722
#2	-.00022	49.660	-.00094	-.00021	.00111	-.01048	.00153	97.743

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00126	.00007	751.04	.00034	-.00033	31.582	.00062	.34294
Stddev	.00002	.00023	8.96	.00051	.00015	.053	.00053	.00471
%RSD	1.6071	338.34	1.1936	152.88	45.752	.16753	84.770	1.3725

#1	-.00127	-.00009	757.38	-.00003	-.00043	31.544	.00025	.33961
#2	-.00124	.00023	744.70	.00070	-.00022	31.619	.00100	.34627

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	76.930	.84317	-.02811	.00070	.08178	.0708	.60940	4.1946
Stddev	.073	.00304	.00006	.00099	.00754	.0031	.00311	.3443
%RSD	.09501	.36036	.21311	141.52	9.2194	4.451	.51029	8.2086

#1	76.981	.84103	-.02815	.00141	.07645	.0730	.60720	3.9511
#2	76.878	.84532	-.02806	-.00000	.08711	.0685	.61160	4.4380

Elem	U_3859
Units	ppm
Avg	4.7911
Stddev	.2263
%RSD	4.7230

#1	4.9511
#2	4.6311

Sample Name: J5052-14 Acquired: 9/26/2018 23:44:49 Type: Unk
 Method: P4-ICP2(v2461) 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	1950.2	34544.	4251.4	98.507	2578.8
Stddev	.4	109.	13.3	.536	1.2
%RSD	.02125	.31495	.31216	.54384	.04675
#1	1949.9	34467.	4242.0	98.886	2579.7
#2	1950.4	34621.	4260.7	98.128	2578.0

Sample Name: CCV15 Acquired: 9/26/2018 23:48:59 Type: Unk
Method: P4-ICP2(v2461) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB13895 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8389	4.8347	4.8063	4.8801	4.9071	9.6971	9.9229
Stddev	.0001	.0017	.0005	.0154	.0073	.0658	.0186
%RSD	.00293	.03585	.00957	.31503	.14850	.67896	.18701

#1	4.8390	4.8359	4.8066	4.8693	4.9020	9.7437	9.9361
#2	4.8388	4.8335	4.8060	4.8910	4.9123	9.6505	9.9098

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23689	2.4275	24.969	.92745	2.3741	1.1995	4.9378
Stddev	.00003	.0030	.082	.00052	.0040	.0018	.0392
%RSD	.01430	.12314	.33026	.05567	.16993	.14678	.79309

#1	.23692	2.4296	24.910	.92782	2.3770	1.1982	4.9101
#2	.23687	2.4254	25.027	.92709	2.3713	1.2007	4.9655

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3901	23.864	2.3706	1.1820	25.070	2.3670	2.6603
Stddev	.0021	.156	.0018	.0008	.018	.0009	.0226
%RSD	.08928	.65511	.07643	.06553	.07349	.03799	.84907

#1	2.3916	23.753	2.3719	1.1815	25.083	2.3663	2.6443
#2	2.3886	23.974	2.3693	1.1826	25.057	2.3676	2.6763

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.469	4.9311	4.9510	4.8292	4.7267	4.7104	4.9307
Stddev	.011	.0092	.0065	.0133	.0392	.0007	.0037
%RSD	.04522	.18660	.13130	.27511	.82882	.01410	.07468

#1	24.477	4.9246	4.9556	4.8386	4.6990	4.7108	4.9333
#2	24.461	4.9376	4.9464	4.8198	4.7544	4.7099	4.9281

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	4.6438	4.923	4.8203	F 1.9001	F 3.5441
Stddev	.0114	.008	.0069	.3132	.7763
%RSD	.24641	.1540	.14415	16.483	21.905

#1	4.6357	4.928	4.8252	2.1216	4.0931
#2	4.6519	4.917	4.8153	1.6786	2.9952

Sample Name: CCV15 Acquired: 9/26/2018 23:48:59 Type: Unk
Method: P4-ICP2(v2461) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB13895 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	2064.4	37415.	4264.9	95.267	2896.8
Stddev	4.6	156.	12.9	.428	14.1
%RSD	.22177	.41767	.30291	.44910	.48759
#1	2061.2	37305.	4274.1	95.569	2886.8
#2	2067.7	37526.	4255.8	94.964	2906.8

Sample Name: CCB15 Acquired: 9/26/2018 23:52:46 Type: Unk
Method: P4-ICP2(v2461) 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	-.00367	.00036	-.00300	-.00021	-.00026	.00115	-.00034
Stddev	.00156	.00005	.00029	.00318	.00083	.00634	.00020
%RSD	42.567	12.775	9.7487	1491.1	315.35	550.85	59.273

#1	-.00478	.00039	-.00279	-.00246	-.00085	.00564	-.00048
#2	-.00257	.00032	-.00321	.00203	.00032	-.00333	-.00020

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00006	-.01407	-.00011	-.00014	-.00024	.00421
Stddev	.00005	.00006	.00241	.00016	.00008	.00037	.01093
%RSD	163.64	97.772	17.130	139.45	54.483	158.47	259.51

#1	-.00001	.00002	-.01237	-.00022	-.00020	.00003	-.00352
#2	.00007	.00011	-.01578	-.00000	-.00009	-.00050	.01194

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.05222	.00109	-.00101	F 1.3580	-.00017	-.00062
Stddev	.00010	.04267	.00032	.00018	.0342	.00013	.00009
%RSD	338.98	81.707	29.670	17.578	2.5145	73.321	15.233

#1	.00004	-.02205	.00132	-.00114	1.3339	-.00008	-.00055
#2	-.00010	-.08239	.00086	-.00089	1.3822	-.00026	-.00068

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21487	.00094	-.00346	.00195	-.00389	-.00128	.00333
Stddev	.00733	.00035	.00824	.00290	.00066	.00012	.00144
%RSD	3.4094	37.791	237.90	148.61	17.063	9.1258	43.306

#1	.20969	.00119	.00236	.00400	-.00342	-.00120	.00231
#2	.22005	.00069	-.00929	-.00010	-.00436	-.00137	.00435

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	F -.01322	-.0014	-.00003	F 1.5853	F .54201		
Stddev	.01063	.0008	.00008	.0138	.09999		
%RSD	80.411	56.90	319.17	.87262	18.448		

#1	-.02074	-.0008	.00003	1.5951	.61271		
#2	-.00570	-.0019	-.00009	1.5755	.47131		

Sample Name: CCB15 Acquired: 9/26/2018 23:52:46 Type: Unk
Method: P4-ICP2(v2461) 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	2137.5	38615.	4271.7	100.40	3256.8
Stddev	6.8	108.	19.6	.51	4.2
%RSD	.31779	.28022	.45770	.51275	.12821
#1	2132.7	38538.	4257.9	100.76	3253.9
#2	2142.3	38691.	4285.5	100.04	3259.8

Sample Name: J5052-15 Acquired: 9/26/2018 23:56:52 Type: Unk
Method: P4-ICP2(v2461) 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	.00478	.00084	.00271	.00478	-.00423	-.01059	.01960	.00016
Stddev	.00021	.00111	.00183	.00190	.00176	.00145	.00022	.00000
%RSD	4.3921	131.43	67.721	39.799	41.477	13.667	1.1140	.34558
#1	.00493	.00163	.00141	.00612	-.00299	-.00956	.01976	.00016
#2	.00463	.00006	.00400	.00343	-.00548	-.01161	.01945	.00016

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	53.992	-.00051	-.00020	.00110	-.02442	.00460	113.75
Stddev	.00011	.901	.00024	.00021	.00005	.00488	.00005	1.29
%RSD	162.16	1.6696	46.604	107.07	4.9935	19.963	.98076	1.1378
#1	.00001	54.629	-.00068	-.00034	.00106	-.02787	.00464	114.67
#2	-.00014	53.354	-.00034	-.00005	.00114	-.02097	.00457	112.84

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00134	-.00074	852.09	.00051	.00001	36.319	.00067	.39998
Stddev	.00030	.00044	15.33	.00018	.00014	.461	.00022	.00864
%RSD	22.280	60.466	1.7995	35.405	1118.0	1.2685	32.096	2.1594
#1	-.00113	-.00042	862.93	.00064	.00011	36.645	.00052	.40608
#2	-.00155	-.00105	841.24	.00038	-.00008	35.993	.00082	.39387

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	88.986	.83367	-.03193	.00031	.10722	.0677	.68498	4.0780
Stddev	.065	.02745	.00008	.00103	.01324	.0003	.00926	.1197
%RSD	.07276	3.2928	.24395	328.92	12.351	.4782	1.3512	2.9345
#1	89.031	.85308	-.03187	.00104	.09785	.0675	.69153	3.9934
#2	88.940	.81426	-.03198	-.00042	.11658	.0679	.67844	4.1626

Elem	U_3859
Units	ppm
Avg	4.9588
Stddev	.0550
%RSD	1.1083
#1	4.9200
#2	4.9977

Sample Name: J5052-15 Acquired: 9/26/2018 23:56:52 Type: Unk
Method: P4-ICP2(v2461) 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	1969.8	34775.	4249.7	98.807	2586.0
Stddev	4.3	96.	67.4	2.667	1.4
%RSD	.22045	.27718	1.5853	2.6993	.05273
#1	1972.9	34844.	4202.0	96.921	2587.0
#2	1966.8	34707.	4297.3	100.69	2585.1

Sample Name: J5052-16 Acquired: 9/27/2018 0:01:02 Type: Unk
Method: P4-ICP2(v2461) 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	.00146	.00129	.00234	.00553	-.00173	-.01897	.01938	.00011
Stddev	.00070	.00059	.00094	.00341	.00118	.00372	.00038	.00000
%RSD	47.719	45.559	40.251	61.584	68.293	19.631	1.9753	1.7654

#1	.00195	.00087	.00167	.00312	-.00257	-.02160	.01965	.00011
#2	.00097	.00170	.00300	.00794	-.00090	-.01634	.01911	.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00015	50.184	-.00062	-.00038	.00099	-.01299	.00263	99.280
Stddev	.00004	.087	.00009	.00006	.00003	.00308	.00006	.653
%RSD	29.877	.17383	15.217	15.807	3.3945	23.737	2.1196	.65808

#1	-.00018	50.245	-.00069	-.00043	.00102	-.01081	.00267	99.742
#2	-.00012	50.122	-.00056	-.00034	.00097	-.01517	.00259	98.818

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00095	-.00084	766.81	.00097	-.00013	31.991	.00082	.35116
Stddev	.00013	.00002	.97	.00008	.00002	.000	.00017	.00116
%RSD	14.069	2.8843	.12715	8.6623	12.554	.00121	20.242	.33117

#1	-.00085	-.00085	767.50	.00102	-.00012	31.991	.00093	.35198
#2	-.00104	-.00082	766.12	.00091	-.00014	31.992	.00070	.35034

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	77.255	.82163	-.02781	.00148	.10007	.0669	.61487	3.9371
Stddev	.050	.00447	.00037	.00105	.00757	.0021	.00144	.0929
%RSD	.06451	.54409	1.3264	70.441	7.5609	3.125	.23442	2.3599

#1	77.290	.81847	-.02807	.00074	.09472	.0683	.61589	4.0028
#2	77.220	.82479	-.02755	.00222	.10542	.0654	.61385	3.8714

Elem	U_3859
Units	ppm
Avg	4.7919
Stddev	.5807
%RSD	12.117

#1	5.2025
#2	4.3813

Sample Name: J5052-16 Acquired: 9/27/2018 0:01:02 Type: Unk
Method: P4-ICP2(v2461) 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	1967.1	34576.	4198.1	96.241	2603.3
Stddev	1.4	33.	3.5	1.350	1.4
%RSD	.07059	.09489	.08340	1.4032	.05409
#1	1968.1	34599.	4195.6	97.196	2604.3
#2	1966.1	34553.	4200.6	95.286	2602.3

Sample Name: J5052-17 Acquired: 9/27/2018 0:05:13 Type: Unk
Method: P4-ICP2(v2461) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00547	.00102	.00116	.00742	-.00245	-.01685	.01916	.00015
Stddev	.00306	.00095	.00122	.00315	.00132	.00314	.00014	.00006
%RSD	55.962	92.571	104.83	42.397	53.981	18.645	.72616	41.406

#1	.00764	.00169	.00030	.00964	-.00151	-.01908	.01906	.00010
#2	.00331	.00035	.00202	.00520	-.00338	-.01463	.01926	.00019

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	51.644	-.00132	-.00029	.00118	-.03017	.00365	105.99
Stddev	.00001	.455	.00006	.00017	.00002	.00187	.00001	.52
%RSD	7.3106	.88160	4.6381	60.410	1.4079	6.1976	.15082	.49372

#1	-.00012	51.966	-.00137	-.00041	.00119	-.03149	.00366	106.36
#2	-.00013	51.322	-.00128	-.00016	.00117	-.02884	.00365	105.62

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00146	-.00012	797.26	.00056	-.00006	34.085	.00049	.36588
Stddev	.00035	.00001	17.76	.00010	.00004	.317	.00009	.00561
%RSD	24.152	9.6251	2.2275	16.917	65.641	.93001	18.313	1.5344

#1	-.00121	-.00011	809.82	.00050	-.00003	34.309	.00043	.36191
#2	-.00170	-.00012	784.71	.00063	-.00009	33.861	.00056	.36985

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	83.787	.81375	-.03041	.00204	.10749	.0705	.64996	4.2604
Stddev	.178	.01477	.00102	.00080	.00310	.0006	.00403	.2413
%RSD	.21295	1.8154	3.3692	39.268	2.8801	.8060	.62060	5.6630

#1	83.913	.82419	-.03114	.00261	.10968	.0710	.65282	4.0898
#2	83.661	.80330	-.02969	.00147	.10530	.0701	.64711	4.4310

Elem	U_3859
Units	ppm
Avg	4.6757
Stddev	.2983
%RSD	6.3807

#1	4.8867
#2	4.4647

Sample Name: J5052-17 Acquired: 9/27/2018 0:05:13 Type: Unk
Method: P4-ICP2(v2461) 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	1953.4	34585.	4283.4	97.737	2568.0
Stddev	1.5	40.	46.0	2.217	.4
%RSD	.07613	.11678	1.0739	2.2682	.01636
#1	1952.4	34614.	4250.8	96.170	2568.3
#2	1954.5	34557.	4315.9	99.305	2567.7

Sample Name: J5052-18 Acquired: 9/27/2018 0:09:23 Type: Unk
Method: P4-ICP2(v2461) 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	.00196	.00177	.00054	.00209	-.00224	-.01309	.01764	.00016
Stddev	.00289	.00106	.00171	.00009	.00104	.00195	.00059	.00006
%RSD	147.76	59.937	316.70	4.4193	46.654	14.892	3.3266	40.917
#1	.00400	.00252	.00175	.00216	-.00298	-.01171	.01722	.00011
#2	-.00009	.00102	-.00067	.00203	-.00150	-.01447	.01805	.00020

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	42.862	-.00051	-.00024	.00139	-.02015	.00191	75.658
Stddev	.00009	.443	.00047	.00000	.00008	.01188	.00002	.122
%RSD	222.09	1.0336	91.645	1.3114	6.1197	58.967	1.0069	.16108
#1	-.00011	43.175	-.00085	-.00024	.00133	-.01175	.00190	75.572
#2	.00002	42.549	-.00018	-.00025	.00145	-.02856	.00192	75.744

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00066	-.00014	593.25	.00079	-.00032	24.406	.00043	.26325
Stddev	.00026	.00023	3.19	.00071	.00004	.112	.00025	.00331
%RSD	38.470	168.06	.53742	90.833	12.875	.45993	58.585	1.2577
#1	-.00048	.00003	595.51	.00028	-.00035	24.485	.00025	.26091
#2	-.00084	-.00030	591.00	.00129	-.00029	24.327	.00061	.26559

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	58.849	.75588	-.02108	.00295	.06573	.0546	.49171	3.2922
Stddev	.028	.00829	.00102	.00091	.00414	.0032	.00341	.3029
%RSD	.04827	1.0965	4.8439	31.023	6.2937	5.948	.69415	9.2011
#1	58.829	.76174	-.02180	.00230	.06280	.0523	.49413	3.0780
#2	58.869	.75002	-.02035	.00360	.06865	.0569	.48930	3.5063

Elem	U_3859
Units	ppm
Avg	4.6136
Stddev	.4631
%RSD	10.038
#1	4.2861
#2	4.9411

Sample Name: J5052-18 Acquired: 9/27/2018 0:09:23 Type: Unk
Method: P4-ICP2(v2461) 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	2017.9	35545.	4299.7	97.919	2689.4
Stddev	2.3	103.	3.7	1.368	3.5
%RSD	.11183	.28902	.08626	1.3972	.12843
#1	2019.4	35618.	4297.0	96.952	2691.9
#2	2016.3	35473.	4302.3	98.886	2687.0

Sample Name: CCV16 Acquired: 9/27/2018 0:13:33 Type: Unk
Method: P4-ICP2(v2461) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-1-SMS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8561	4.8459	4.8154	4.9068	4.9173	9.9003	9.7671
Stddev	.0049	.0055	.0091	.0273	.0045	.0416	.0776
%RSD	.10056	.11243	.18966	.55613	.09045	.42022	.79445

#1	4.8596	4.8498	4.8219	4.9261	4.9141	9.8709	9.8220
#2	4.8527	4.8421	4.8090	4.8875	4.9204	9.9297	9.7122

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23742	2.4380	25.036	.92642	2.3796	1.2025	4.8850
Stddev	.00042	.0027	.016	.00017	.0008	.0015	.1582
%RSD	.17619	.11236	.06203	.01809	.03309	.12110	3.2375

#1	.23713	2.4400	25.047	.92653	2.3801	1.2036	4.7731
#2	.23772	2.4361	25.025	.92630	2.3790	1.2015	4.9968

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3937	23.881	2.3768	1.1828	24.488	2.3690	2.5837
Stddev	.0004	.044	.0014	.0004	.106	.0023	.0600
%RSD	.01648	.18628	.05716	.03199	.43250	.09673	2.3217

#1	2.3934	23.849	2.3778	1.1831	24.563	2.3707	2.5413
#2	2.3940	23.912	2.3758	1.1825	24.413	2.3674	2.6262

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.990	4.9486	4.9333	4.8168	4.6426	4.7086	4.9206
Stddev	.203	.0001	.0256	.0011	.0229	.0017	.0012
%RSD	.84464	.00119	.51876	.02245	.49343	.03575	.02504

#1	24.133	4.9487	4.9514	4.8160	4.6588	4.7098	4.9215
#2	23.846	4.9486	4.9152	4.8176	4.6264	4.7074	4.9198

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	4.6336	4.943	4.7454	F 2.1308	F 3.6813
Stddev	.0101	.014	.0288	.4029	.1548
%RSD	.21811	.2890	.60749	18.910	4.2040

#1	4.6264	4.953	4.7658	2.4157	3.5718
#2	4.6407	4.933	4.7250	1.8458	3.7907

Sample Name: CCV16 Acquired: 9/27/2018 0:13:33 Type: Unk
Method: P4-ICP2(v2461) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-1-SMS 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	2064.1	37530.	4350.9	98.791	2900.1
Stddev	5.1	150.	44.8	1.990	12.2
%RSD	.24782	.39845	1.0307	2.0144	.42092
#1	2060.5	37424.	4319.2	100.20	2891.5
#2	2067.7	37636.	4382.6	97.384	2908.8

Sample Name: CCB16 Acquired: 9/27/2018 0:17:20 Type: Unk
Method: P4-ICP2(v2461) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-1-SMSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00016	.00028	-.00132	.00121	.00144	-.00029	-.00099
Stddev	.00113	.00012	.00001	.00033	.00030	.00589	.00055
%RSD	693.69	41.658	.48755	27.227	20.918	2024.0	55.736

#1	.00064	.00020	-.00131	.00145	.00165	.00387	-.00060
#2	-.00097	.00036	-.00132	.00098	.00122	-.00445	-.00138

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	.00002	-.00276	.00003	-.00006	-.00037	.00008
Stddev	.00014	.00010	.01115	.00021	.00021	.00009	.01442
%RSD	173.43	476.76	403.69	803.91	334.61	23.789	19192.

#1	.00017	.00009	.00512	.00018	.00008	-.00044	-.01012
#2	-.00002	-.00005	-.01065	-.00012	-.00021	-.00031	.01027

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	-.04586	.00145	-.00043	F .99840	-.00038	-.00066
Stddev	.00001	.02257	.00041	.00032	.03865	.00004	.00009
%RSD	14.502	49.220	28.281	73.557	3.8714	11.282	13.324

#1	-.00009	-.06182	.00116	-.00065	.97107	-.00041	-.00060
#2	-.00007	-.02990	.00174	-.00021	1.0257	-.00035	-.00073

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13898	.00123	.00433	-.00206	-.00524	-.00071	.00433
Stddev	.00604	.00052	.01434	.00093	.00036	.00081	.00147
%RSD	4.3436	42.452	331.33	45.157	6.8669	114.12	34.060

#1	.13471	.00160	-.00581	-.00140	-.00498	-.00014	.00537
#2	.14325	.00086	.01446	-.00272	-.00549	-.00128	.00329

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	F -.01450	-.0024	.00003	F 1.6349	F 1.3347		
Stddev	.00521	.0004	.00001	.2191	.4025		
%RSD	35.926	17.25	19.534	13.400	30.157		

#1	-.01818	-.0021	.00004	1.4800	1.6193		
#2	-.01082	-.0027	.00003	1.7898	1.0501		

Sample Name: CCB16 Acquired: 9/27/2018 0:17:20 Type: Unk
Method: P4-ICP2(v2461) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-1-SMSD 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	2151.8	38908.	4328.1	99.631	3283.3
Stddev	1.5	94.	13.9	2.633	7.9
%RSD	.07039	.24281	.32066	2.6426	.23977
#1	2150.7	38975.	4337.9	101.49	3277.7
#2	2152.9	38841.	4318.3	97.770	3288.9