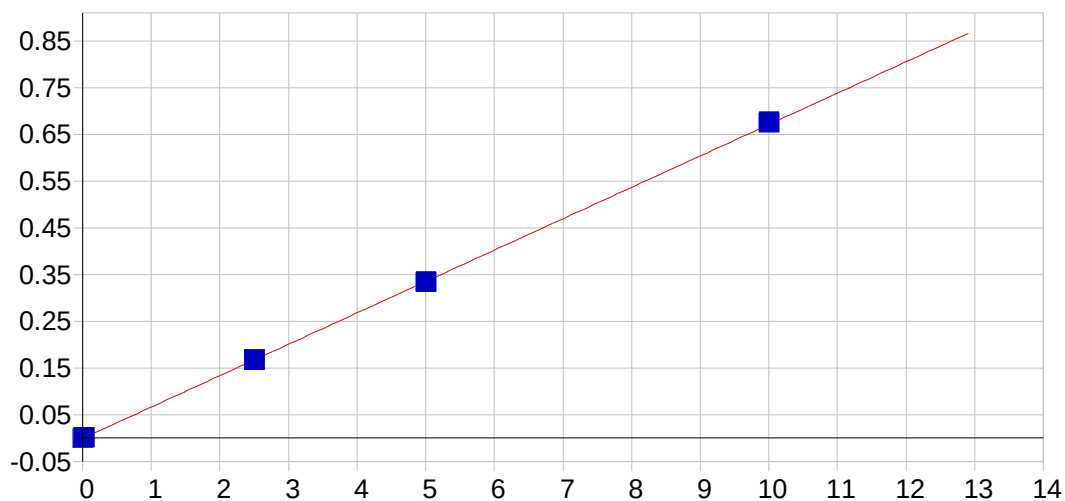


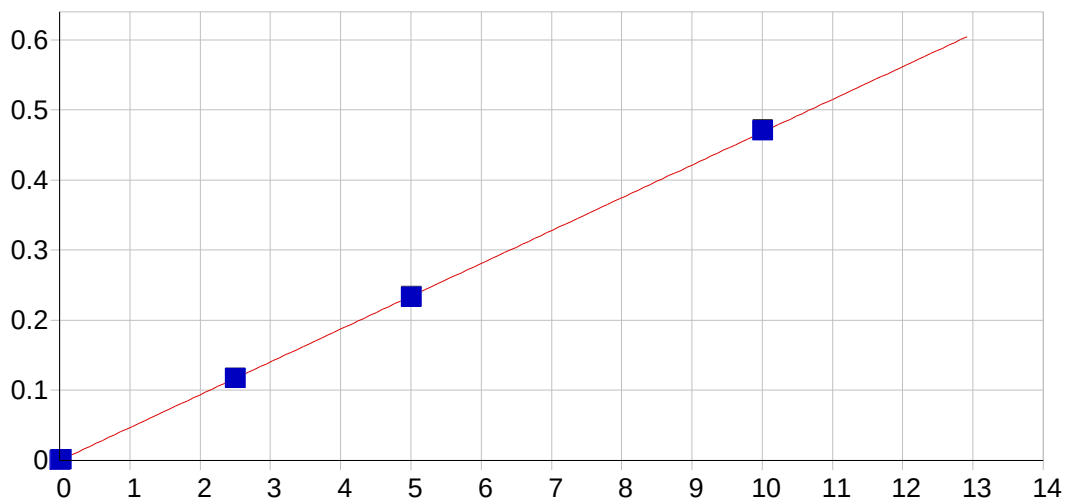


As 189.042 {478}

Date of Fit: 4/1/2019 15:06:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000362 Re-Slope: 1.000000
 A1 (Gain): 0.067150 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999985 Status: OK.
 Std Error of Est: 0.000009
 Predicted MDL: 0.002392
 Predicted MQL: 0.007972

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00036	.000	1
S1	.02000	.01844	-.002	-7.82	.00088	.000	1
S3	2.5000	2.4864	-.014	-.545	.16659	.001	1
S4	5.0000	4.9734	-.027	-.531	.33358	.000	1
S5	10.000	10.042	.042	.417	.67390	.002	1



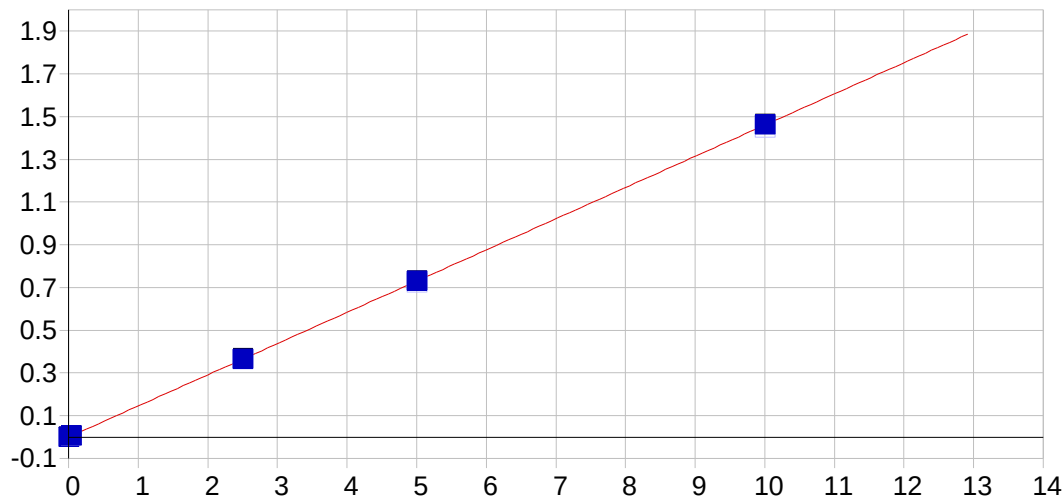
As 189.042 {479}

Date of Fit: 4/1/2019 15:06:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000135 Re-Slope: 1.000000

A1 (Gain): 0.046812 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999986 Status: OK.
 Std Error of Est: 0.000006
 Predicted MDL: 0.002201
 Predicted MQL: 0.007336

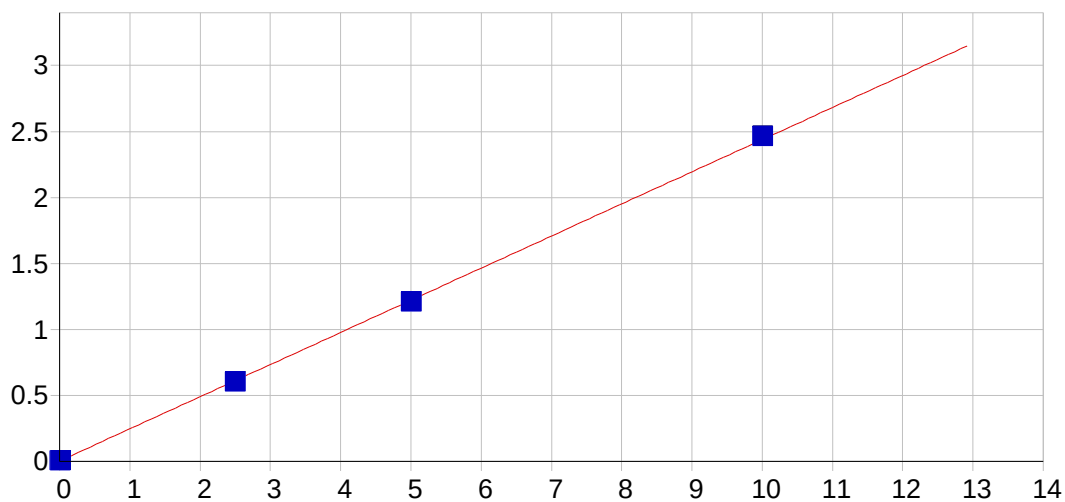
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00014	.000	1
S1	.02000	.01800	-.002	-9.98	.00098	.000	1
S3	2.5000	2.4888	-.011	-.449	.11664	.000	1
S4	5.0000	4.9772	-.023	-.457	.23313	.001	1
S5	10.000	10.036	.036	.361	.46995	.001	1



Date of Fit: 4/1/2019 15:06:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000359 Re-Slope: 1.000000
 A1 (Gain): 0.146078 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999998 Status: OK.
 Std Error of Est: 0.000010
 Predicted MDL: 0.000952
 Predicted MQL: 0.003173

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00036	.000	1
S1	.04000	.04142	.001	3.54	.00554	.000	1
S3	2.5000	2.5058	.006	.230	.36193	.002	1
S4	5.0000	4.9959	-.004	-.081	.72195	.001	1
S5	10.000	9.9969	-.003	-.031	1.4450	.005	1

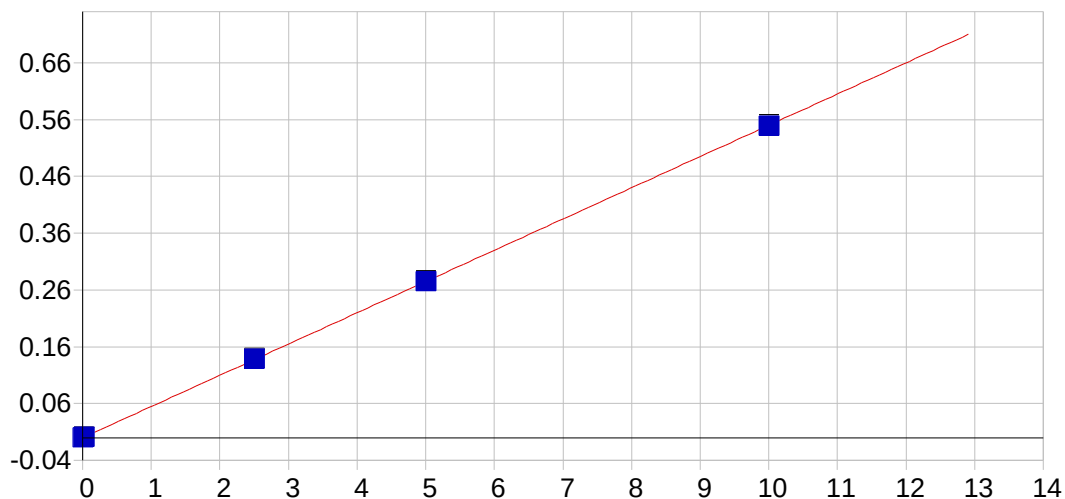


Pb 220.353 {453}

Date of Fit: 4/1/2019 15:06:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003434 Re-Slope: 1.000000
 A1 (Gain): 0.243484 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999934 Status: OK.
 Std Error of Est: 0.000052
 Predicted MDL: 0.000881
 Predicted MQL: 0.002938

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00343	.000	1
S1	.01200	.01124	-.001	-6.30	.00612	.000	1
S3	2.5000	2.4564	-.044	-1.74	.60077	.000	1
S4	5.0000	4.9471	-.053	-1.06	1.2065	.001	1
S5	10.000	10.097	.097	.972	2.4589	.003	1



Se 196.090 {472}

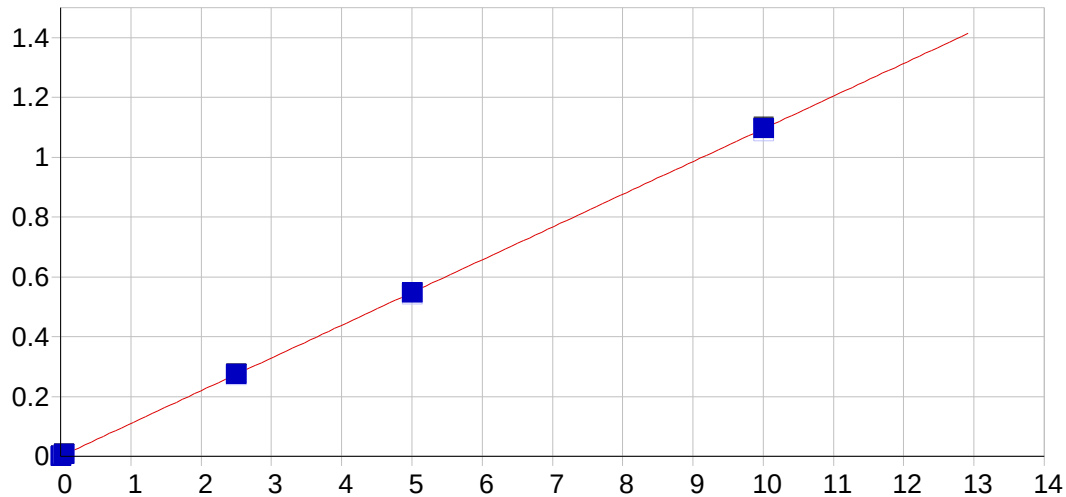
Date of Fit: 4/1/2019 15:06:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000271 Re-Slope: 1.000000
 A1 (Gain): 0.055018 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999993
 Std Error of Est: 0.000005
 Predicted MDL: 0.002707
 Predicted MQL: 0.009022

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00027	.000	1
S1	.02000	.01962	-.000	-1.90	.00081	.000	1
S3	2.5000	2.5214	.021	.858	.13838	.000	1
S4	5.0000	4.9998	-.000	-.003	.27466	.001	1
S5	10.000	9.9791	-.021	-.209	.54847	.002	1



Sb 206.833 {463}

Date of Fit: 4/1/2019 15:06:52

Type of Fit: Linear

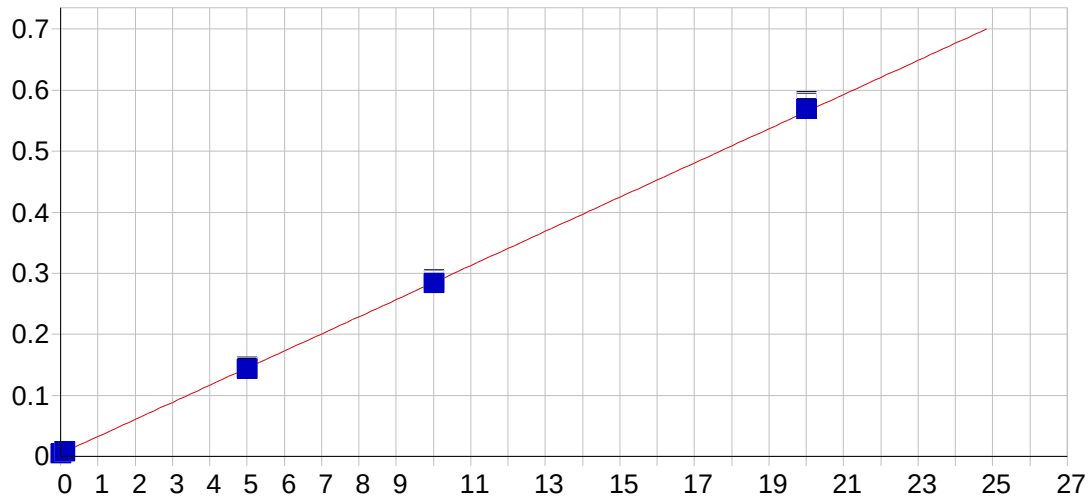
Weighting: 1/Conc

A0 (Offset): 0.000333
 A1 (Gain): 0.109439
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999993
 Std Error of Est: 0.000015
 Predicted MDL: 0.001623
 Predicted MQL: 0.005411

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	.00033	.000	1
S1	.05000	.05270	.003	5.40	.00596	.000	1
S3	2.5000	2.4955	-.005	-.181	.27036	.000	1
S4	5.0000	4.9847	-.015	-.305	.53971	.000	1
S5	10.000	10.017	.017	.171	1.0843	.003	1

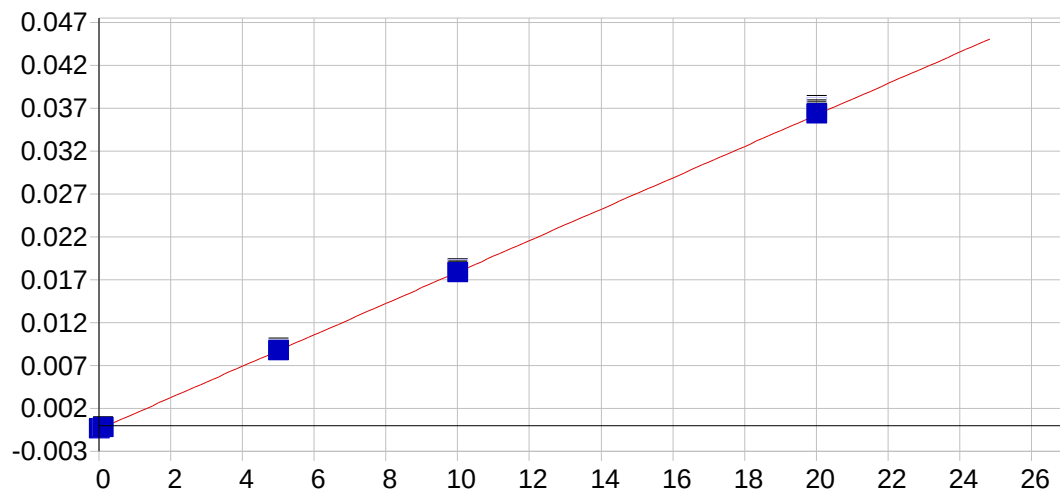


AI 308.215 {109}

Date of Fit: 4/1/2019 15:06:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004501 Re-Slope: 1.000000
 A1 (Gain): 0.028014 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999976 Status: OK.
 Std Error of Est: 0.000015
 Predicted MDL: 0.003088
 Predicted MQL: 0.010293

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00450	.000	1
S1	.10000	.10112	.001	1.12	.00753	.000	1
S3	5.0000	4.9394	-.061	-1.21	.14566	.000	1
S4	10.000	9.9415	-.059	-.585	.28858	.000	1
S5	20.000	20.118	.118	.590	.57924	.001	1



AI 309.271 {109}

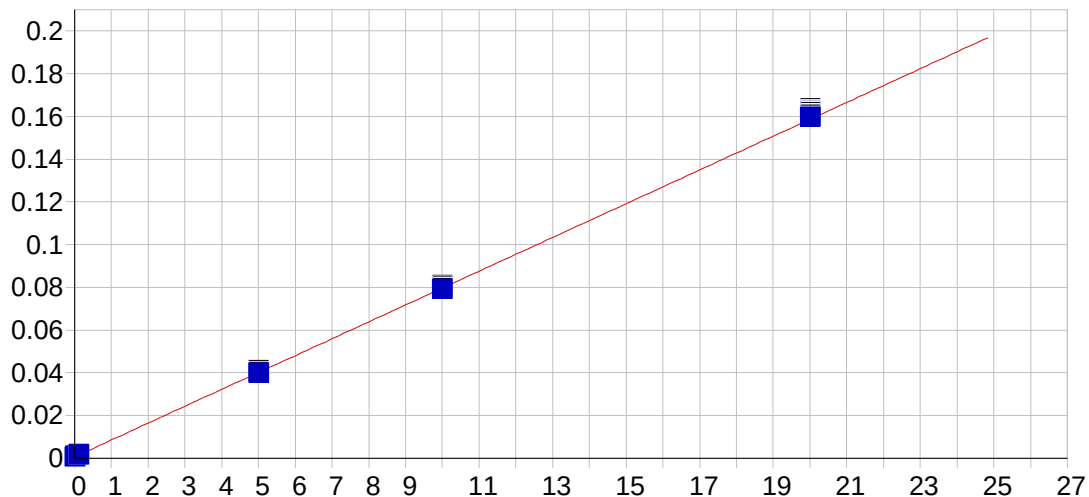
Date of Fit: 4/1/2019 15:06:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000413 Re-Slope: 1.000000
 A1 (Gain): 0.001831 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999992
 Std Error of Est: 0.000001
 Predicted MDL: 0.031695
 Predicted MQL: 0.105652

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00041	.000	1
S1	.10000	.09534	-.005	-4.66	-.00023	.000	1
S3	5.0000	4.9747	-.025	-.507	.00888	.000	1
S4	10.000	9.9745	-.026	-.255	.01821	.000	1
S5	20.000	20.056	.056	.279	.03703	.000	1



AI 396.152 { 85}

Date of Fit: 4/1/2019 15:06:52

Type of Fit: Linear

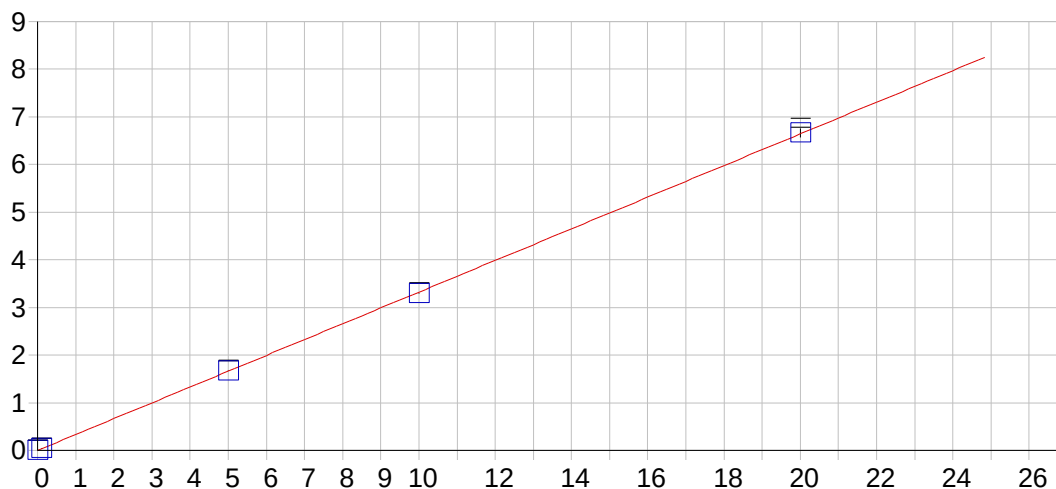
Weighting: 1/Conc

A0 (Offset): 0.000674
 A1 (Gain): 0.007900
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999950
 Std Error of Est: 0.000006
 Predicted MDL: 0.012558
 Predicted MQL: 0.041860

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	.00067	.000	1
S1	.10000	.11397	.014	14.0	.00163	.000	1
S3	5.0000	4.9499	-.050	-1.00	.04057	.000	1
S4	10.000	9.9238	-.076	-.762	.08065	.000	1
S5	20.000	20.112	.112	.558	.16270	.001	1

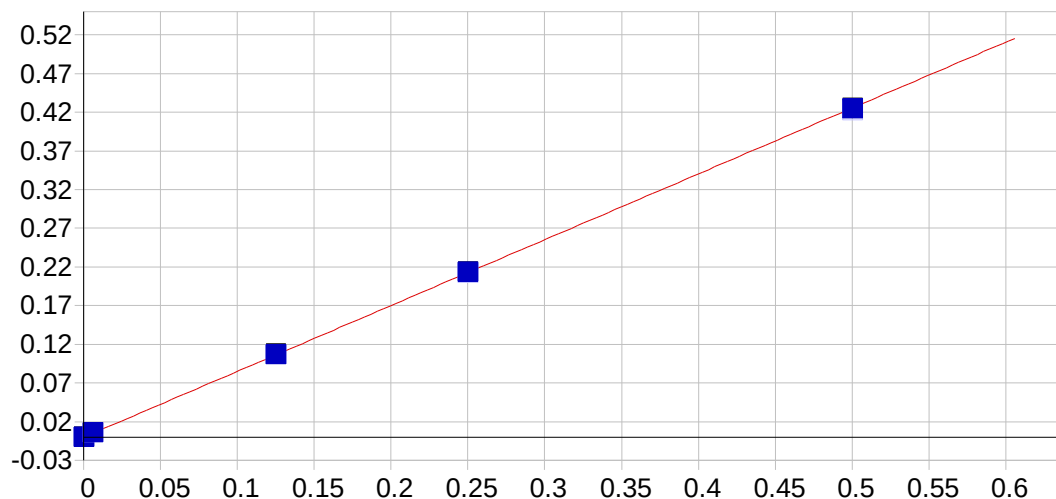


Ba 493.409 { 68}

Date of Fit: 4/1/2019 15:06:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001171 Re-Slope: 1.000000
 A1 (Gain): 0.332114 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999984 Status: OK.
 Std Error of Est: 0.000141
 Predicted MDL: 0.000581
 Predicted MQL: 0.001938

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00117	.000	1
S1	.10000	.10540	.005	5.40	.03618	.000	1
S3	5.0000	5.0274	.027	.549	1.6709	.010	1
S5	20.000	20.042	.042	.209	6.6574	.093	1
S4	10.000	9.9253	-.075	-.747	3.2975	.011	1



Be 234.861 {144}

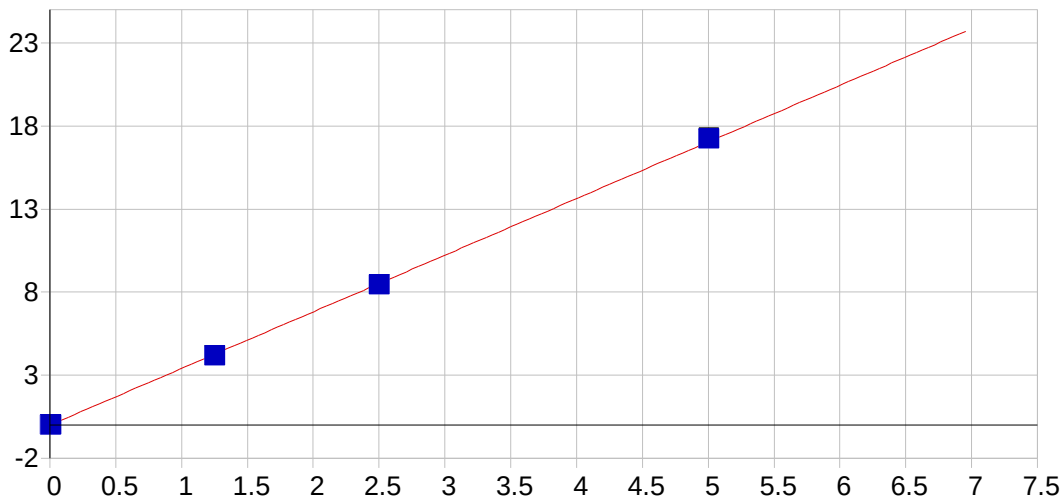
Date of Fit: 4/1/2019 15:06:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000197 Re-Slope: 1.000000
 A1 (Gain): 0.851241 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999979
 Std Error of Est: 0.000016
 Predicted MDL: 0.000070
 Predicted MQL: 0.000232

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00020	.000	1
S1	.00600	.00640	.000	6.67	.00520	.000	1
S3	.12500	.12582	.001	.655	.10624	.001	1
S4	.25000	.25027	.000	.107	.21150	.000	1
S5	.50000	.49851	-.001	-.297	.42148	.001	1



Cd 226.502 {449}

Date of Fit: 4/1/2019 15:06:52

Type of Fit: Linear

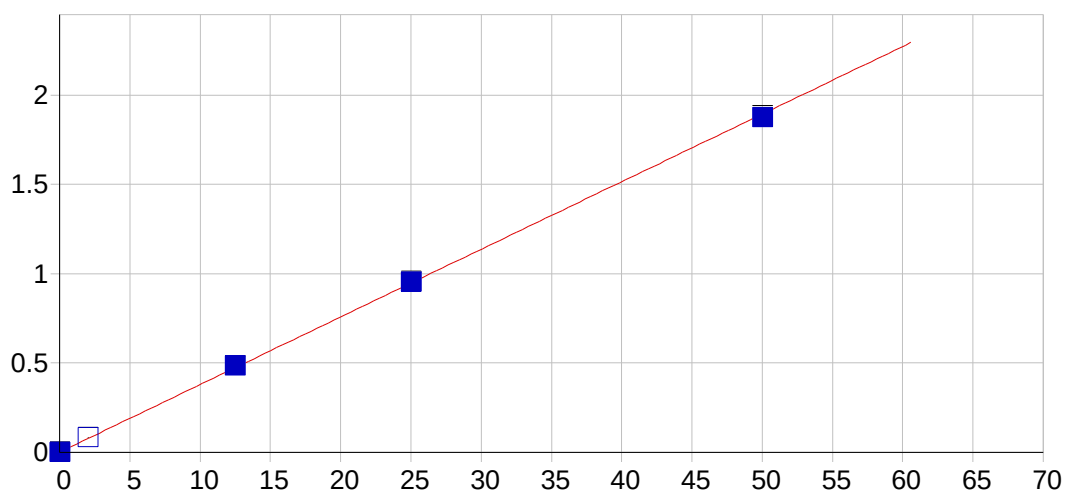
Weighting: 1/Conc

A0 (Offset): -0.000615
 A1 (Gain): 3.407874
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999926
 Std Error of Est: 0.000388
 Predicted MDL: 0.000071
 Predicted MQL: 0.000238

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	-.00061	.000	1
S1	.00600	.00597	-.000	-.507	.01977	.000	1
S3	1.2500	1.2237	-.026	-2.11	4.1704	.007	1
S4	2.5000	2.4759	-.024	-.965	8.4388	.013	1
S5	5.0000	5.0505	.050	1.01	17.215	.042	1

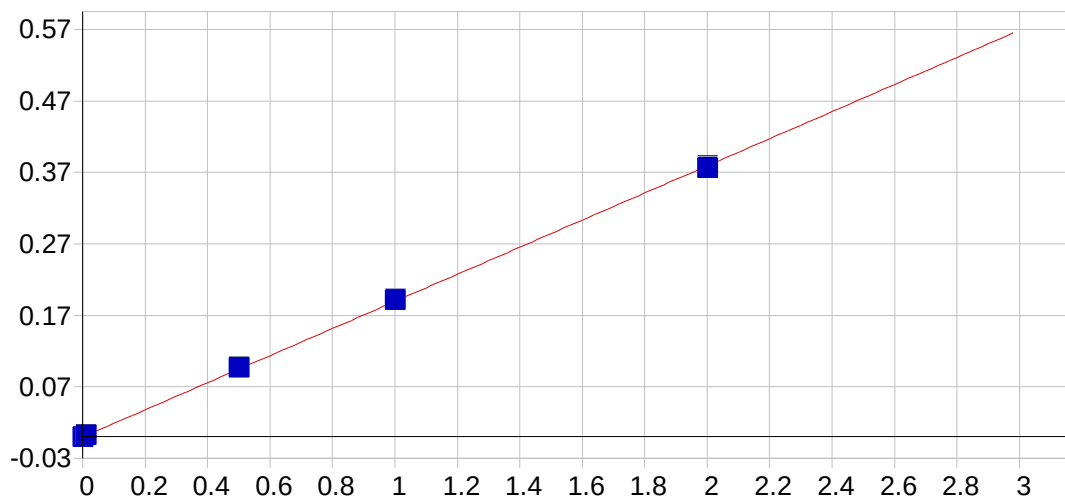


Ca 373.690 { 90}

Date of Fit: 4/1/2019 15:06:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001157 Re-Slope: 1.000000
 A1 (Gain): 0.037845 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999845 Status: OK.
 Std Error of Est: 0.000364
 Predicted MDL: 0.016333
 Predicted MQL: 0.054445

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1795	.179	8.97	.08364	.000	1
S0	.00000	-.00021	-.000	.000	.00115	.000	1
S3	12.500	12.728	.228	1.82	.48310	.002	1
S4	25.000	25.160	.160	.641	.95387	.004	1
S5	50.000	49.432	-.568	-1.14	1.8730	.012	1



Cr 267.716 {126}

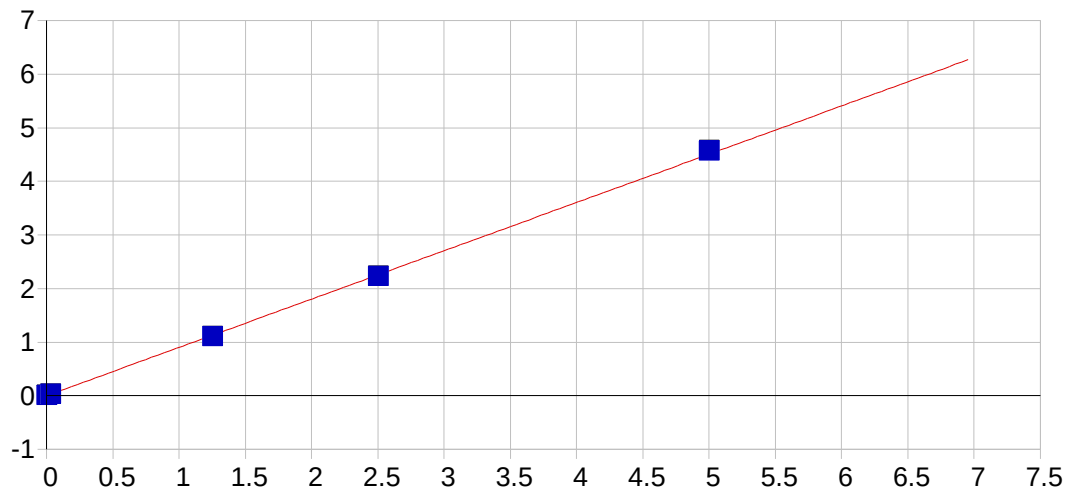
Date of Fit: 4/1/2019 15:06:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000152 Re-Slope: 1.000000
 A1 (Gain): 0.189654 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999931
 Std Error of Est: 0.000017
 Predicted MDL: 0.000433
 Predicted MQL: 0.001442

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00015	.000	1
S1	.01000	.01068	.001	6.85	.00189	.000	1
S3	.50000	.50976	.010	1.95	.09727	.000	1
S4	1.0000	1.0086	.009	.858	.19262	.000	1
S5	2.0000	1.9810	-.019	-.951	.37853	.001	1



Co 228.616 {447}

Date of Fit: 4/1/2019 15:06:52

Type of Fit: Linear

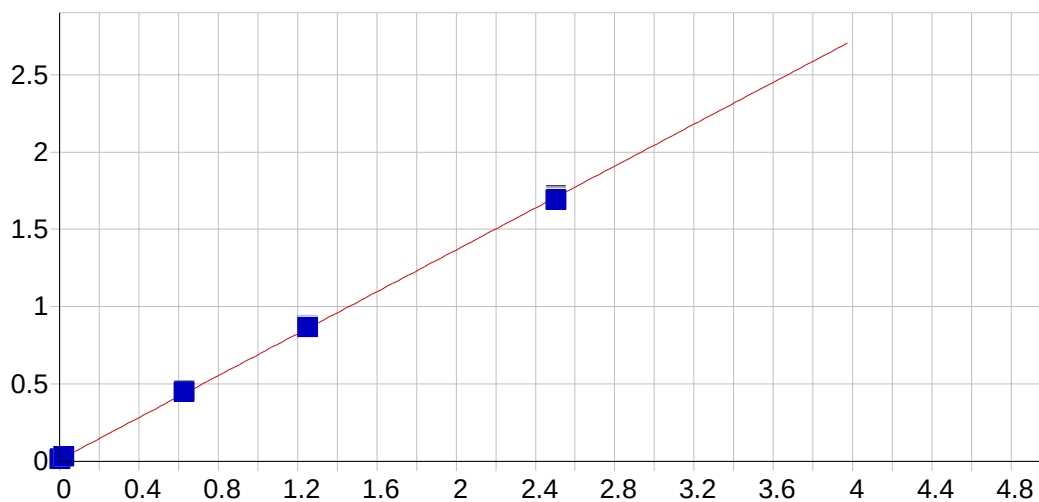
Weighting: 1/Conc

A0 (Offset): -0.000061
 A1 (Gain): 0.901207
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999879
 Std Error of Est: 0.000293
 Predicted MDL: 0.000224
 Predicted MQL: 0.000748

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	-.00006	.000	1
S1	.03000	.02896	-.001	-3.48	.02585	.000	1
S3	1.2500	1.2199	-.030	-2.41	1.1002	.002	1
S4	2.5000	2.4652	-.035	-1.39	2.2233	.002	1
S5	5.0000	5.0660	.066	1.32	4.5690	.004	1

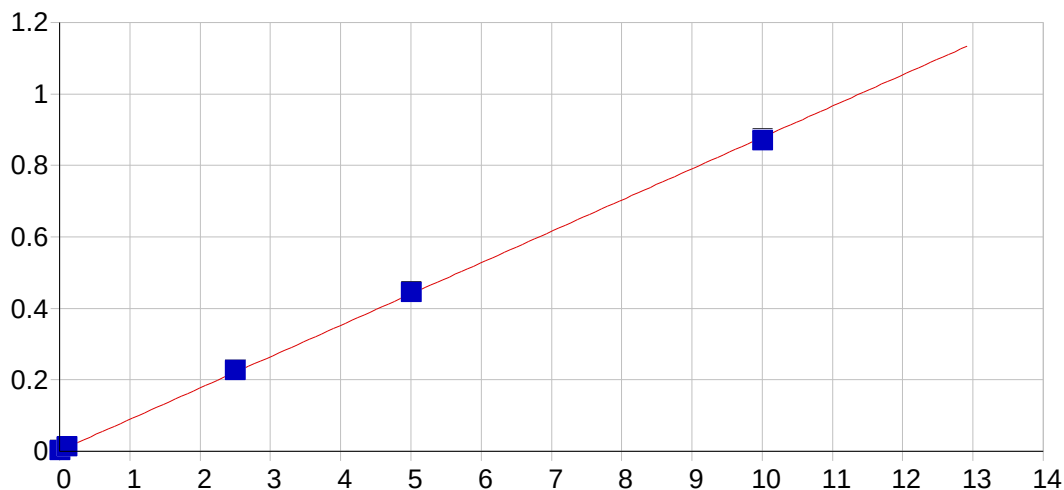


Cu 224.700 {450}

Date of Fit: 4/1/2019 15:06:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.011895 Re-Slope: 1.000000
 A1 (Gain): 0.677431 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999832 Status: OK.
 Std Error of Est: 0.000153
 Predicted MDL: 0.000378
 Predicted MQL: 0.001258

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.01189	.000	1
S1	.02000	.02370	.004	18.5	.02816	.000	1
S3	.62500	.64257	.018	2.81	.45404	.001	1
S4	1.2500	1.2566	.007	.528	.87684	.002	1
S5	2.5000	2.4721	-.028	-1.11	1.7140	.004	1



Fe 240.488 {140}

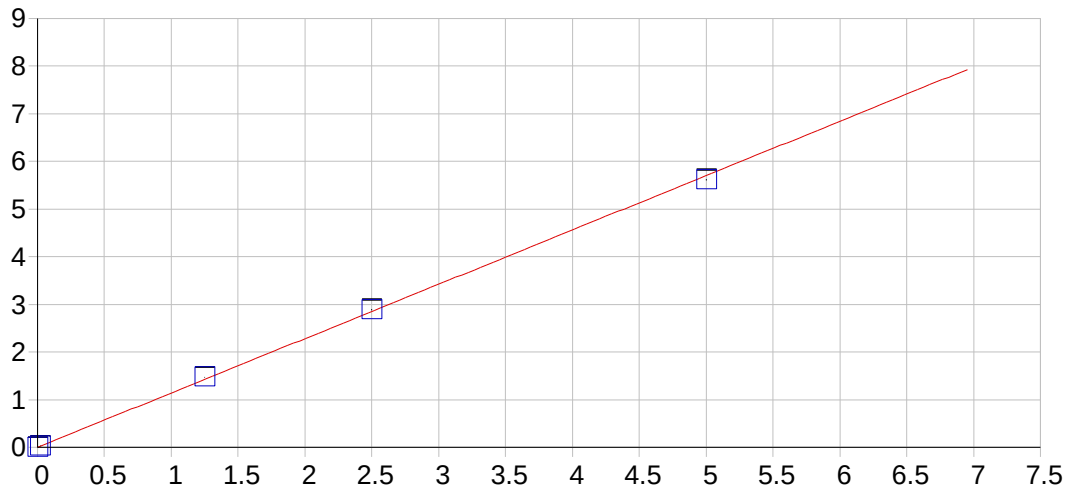
Date of Fit: 4/1/2019 15:06:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001901 Re-Slope: 1.000000
 A1 (Gain): 0.087645 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999858
 Std Error of Est: 0.000080
 Predicted MDL: 0.000714
 Predicted MQL: 0.002380

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00190	.000	1
S1	.10000	.11506	.015	15.1	.01203	.000	1
S3	2.5000	2.5569	.057	2.27	.22682	.000	1
S4	5.0000	5.0373	.037	.746	.44503	.000	1
S5	10.000	9.8908	-.109	-1.09	.87205	.002	1



Mn 257.610 {131}

Date of Fit: 4/1/2019 15:06:52

Type of Fit: Linear

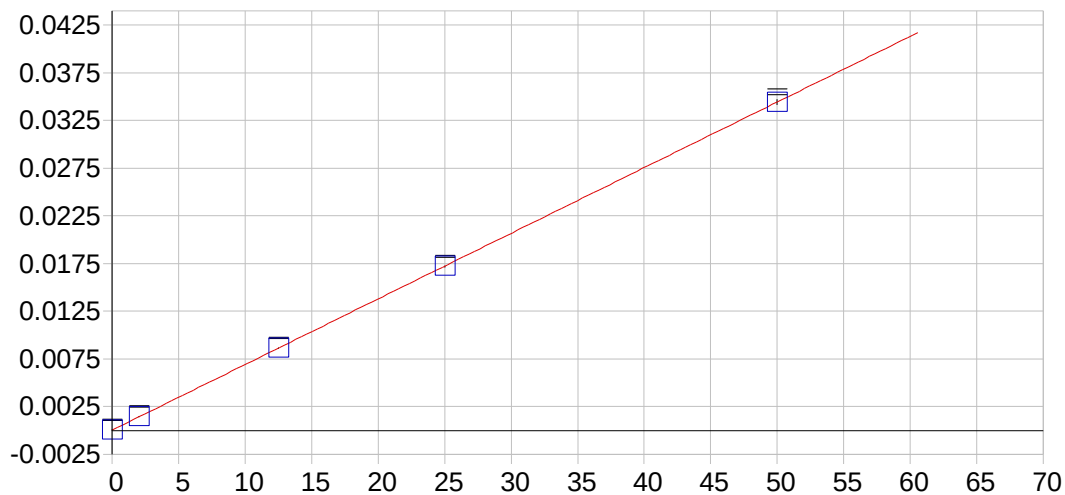
Weighting: 1/Conc

A0 (Offset): 0.001267
 A1 (Gain): 1.140285
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999794
 Std Error of Est: 0.000396
 Predicted MDL: 0.000066
 Predicted MQL: 0.000218

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	.00126	.000	1
S1	.02000	.02383	.004	19.1	.02844	.000	1
S3	1.2500	1.2891	.039	3.12	1.4712	.003	1
S4	2.5000	2.5343	.034	1.37	2.8911	.012	1
S5	5.0000	4.9228	-.077	-1.54	5.6147	.019	1

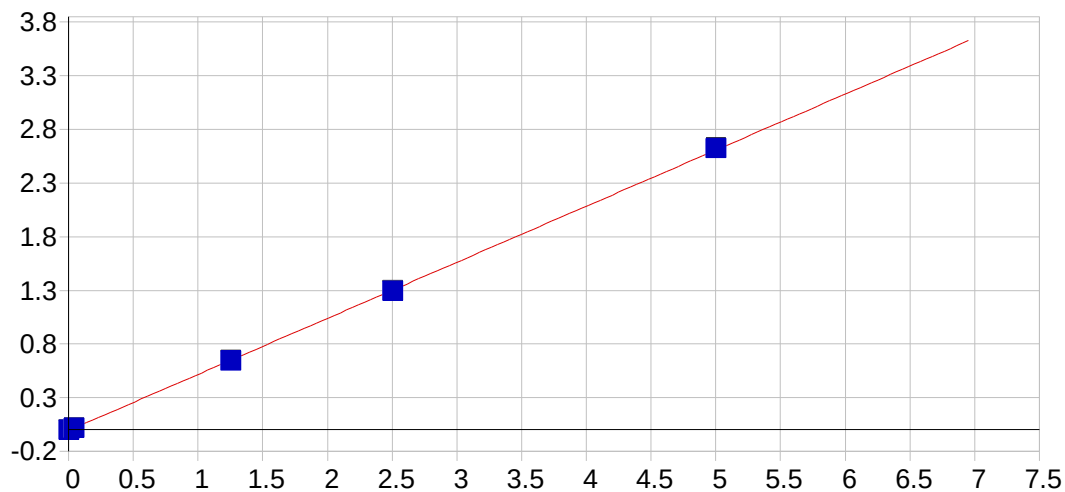


Mg 279.079 {121}

Date of Fit: 4/1/2019 15:06:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000041 Re-Slope: 1.000000
 A1 (Gain): 0.000688 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999975 Status: OK.
 Std Error of Est: 0.000003
 Predicted MDL: 0.042870
 Predicted MQL: 0.142901

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0919	.092	4.60	.00148	.000	1
S0	.00000	-.00009	-.000	.000	.00004	.000	1
S3	12.500	12.493	-.007	-.055	.00864	.000	1
S4	25.000	24.940	-.060	-.241	.01720	.000	1
S5	50.000	49.975	-.025	-.050	.03443	.000	1



Ni 231.604 {445}

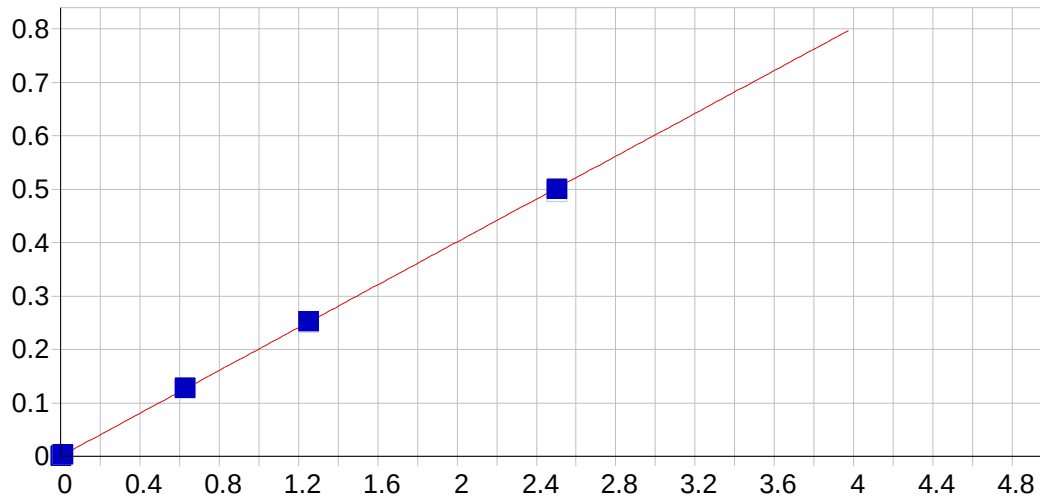
Date of Fit: 4/1/2019 15:06:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.006118 Re-Slope: 1.000000
 A1 (Gain): 0.522582 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999984
 Std Error of Est: 0.000071
 Predicted MDL: 0.000413
 Predicted MQL: 0.001378

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00612	.000	1
S1	.04000	.04045	.000	1.13	.01503	.000	1
S3	1.2500	1.2415	-.008	-.677	.64340	.001	1
S4	2.5000	2.4840	-.016	-.641	1.2934	.004	1
S5	5.0000	5.0240	.024	.481	2.6222	.004	1



Ag 328.068 {103}

Date of Fit: 4/1/2019 15:06:52

Type of Fit: Linear

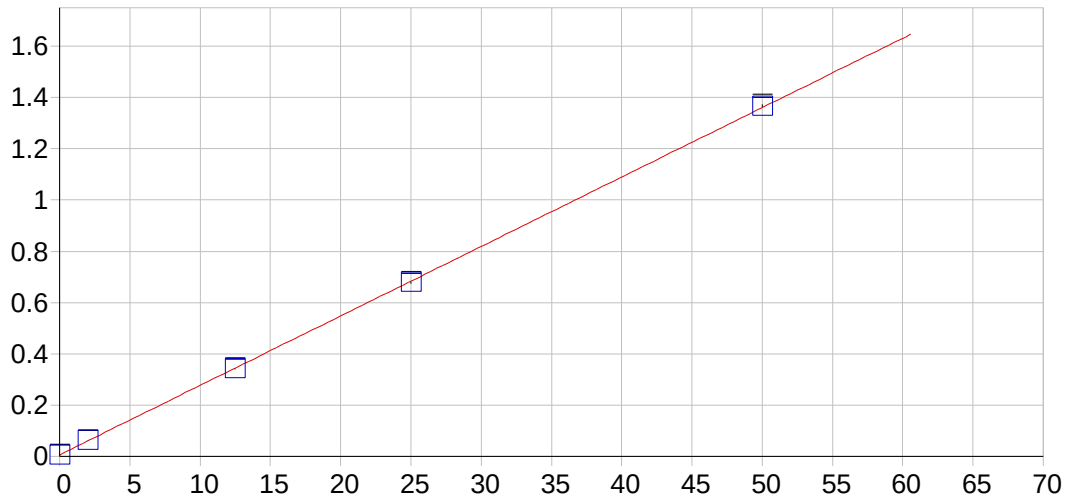
Weighting: 1/Conc

A0 (Offset): 0.000279
 A1 (Gain): 0.200553
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999972
 Std Error of Est: 0.000013
 Predicted MDL: 0.000601
 Predicted MQL: 0.002004

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00028	.000	1
S1	.01000	.01095	.001	9.46	.00243	.000	1
S3	.62500	.63193	.007	1.11	.12559	.000	1
S4	1.2500	1.2541	.004	.328	.24895	.000	1
S5	2.5000	2.4880	-.012	-.479	.49357	.001	1

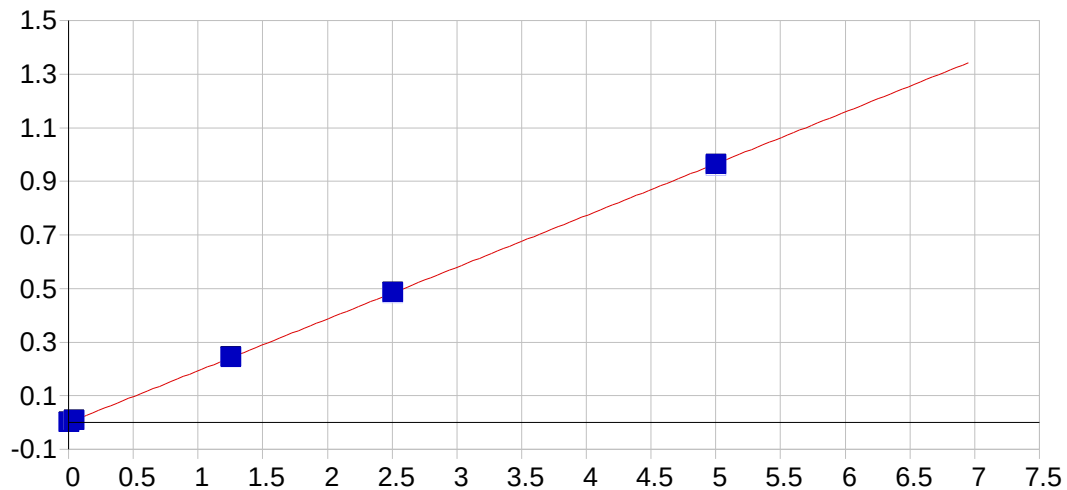


Na 589.592 { 57}

Date of Fit: 4/1/2019 15:06:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.006175 Re-Slope: 1.000000
 A1 (Gain): 0.027085 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999965 Status: OK.
 Std Error of Est: 0.000124
 Predicted MDL: 0.009437
 Predicted MQL: 0.031458

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0774	.077	3.87	.06244	.000	1
S0	.00000	-.00005	-.000	.000	.00617	.000	1
S3	12.500	12.392	-.108	-.862	.34182	.002	1
S4	25.000	24.812	-.188	-.752	.67821	.004	1
S5	50.000	50.218	.218	.437	1.3663	.006	1



V 292.402 {115}

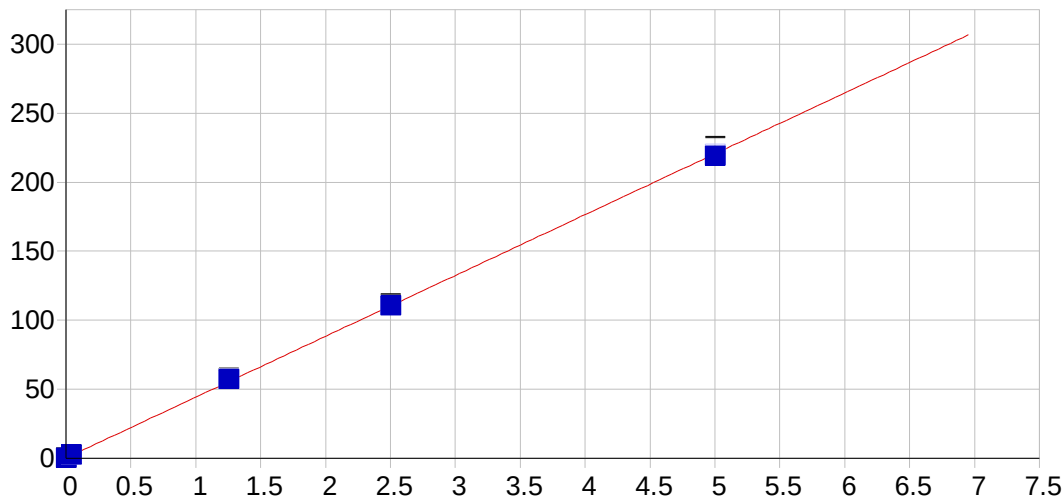
Date of Fit: 4/1/2019 15:06:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000005 Re-Slope: 1.000000
 A1 (Gain): 0.193115 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999988
 Std Error of Est: 0.000023
 Predicted MDL: 0.000471
 Predicted MQL: 0.001571

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00000	.000	1
S1	.04000	.04156	.002	3.91	.00791	.000	1
S3	1.2500	1.2580	.008	.640	.24137	.000	1
S4	2.5000	2.5088	.009	.353	.48134	.000	1
S5	5.0000	4.9816	-.018	-.367	.95572	.001	1



Zn 206.200 {163}

Date of Fit: 4/1/2019 15:06:52

Type of Fit: Linear

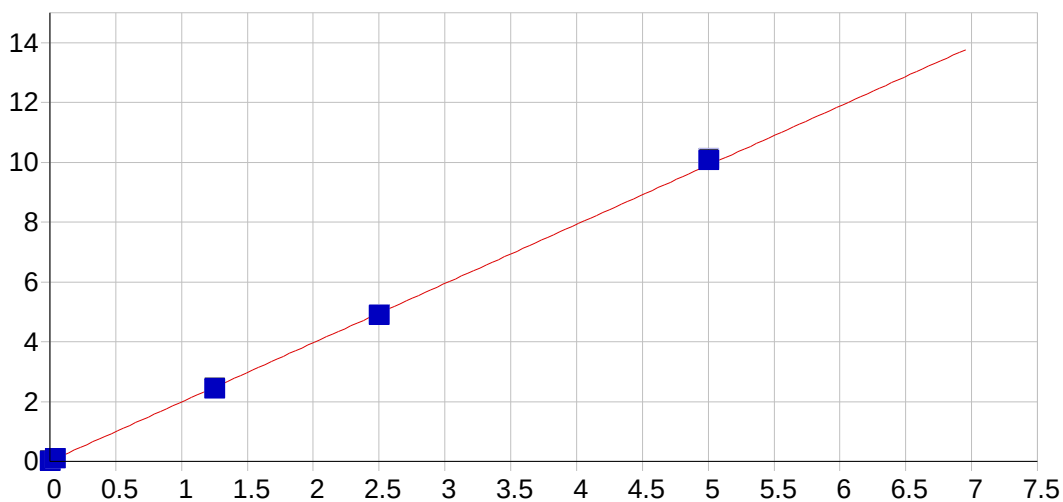
Weighting: 1/Conc

A0 (Offset): 0.224038
 A1 (Gain): 44.076353
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999899
 Std Error of Est: 0.015217
 Predicted MDL: 0.000401
 Predicted MQL: 0.001338

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	.22389	.007	1
S1	.04000	.04254	.003	6.36	2.1107	.036	1
S3	1.2500	1.2908	.041	3.27	57.453	.412	1
S4	2.5000	2.4940	-.006	-.241	110.82	1.14	1
S5	5.0000	4.9626	-.037	-.747	220.29	5.72	1

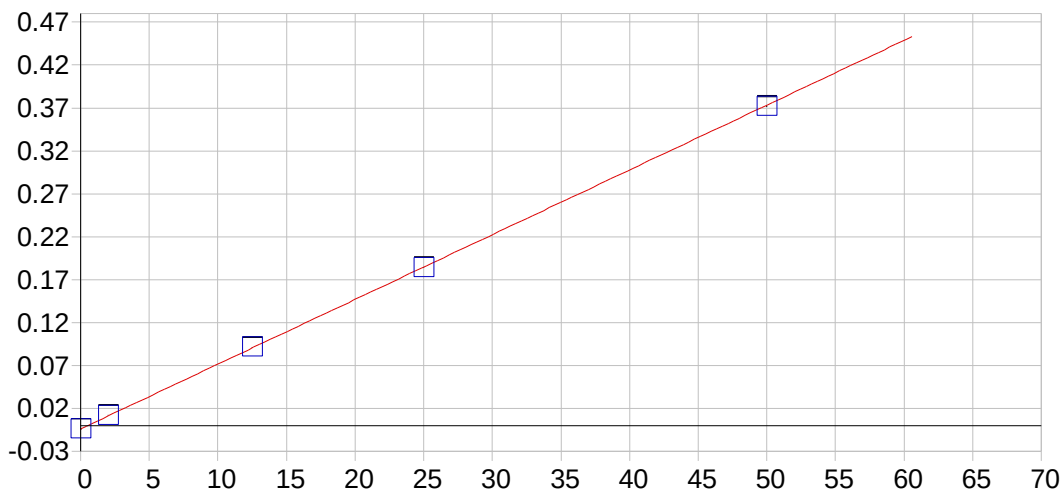


Zn 213.856 {458}

Date of Fit: 4/1/2019 15:06:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.006947 Re-Slope: 1.000000
 A1 (Gain): 1.979060 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999853 Status: OK.
 Std Error of Est: 0.000827
 Predicted MDL: 0.000087
 Predicted MQL: 0.000291

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00695	.000	1
S1	.04000	.03930	-.001	-1.76	.08527	.000	1
S3	1.2500	1.2193	-.031	-2.45	2.4358	.003	1
S4	2.5000	2.4568	-.043	-1.73	4.9007	.007	1
S5	5.0000	5.0746	.075	1.49	10.113	.010	1



K 766.490 {44}

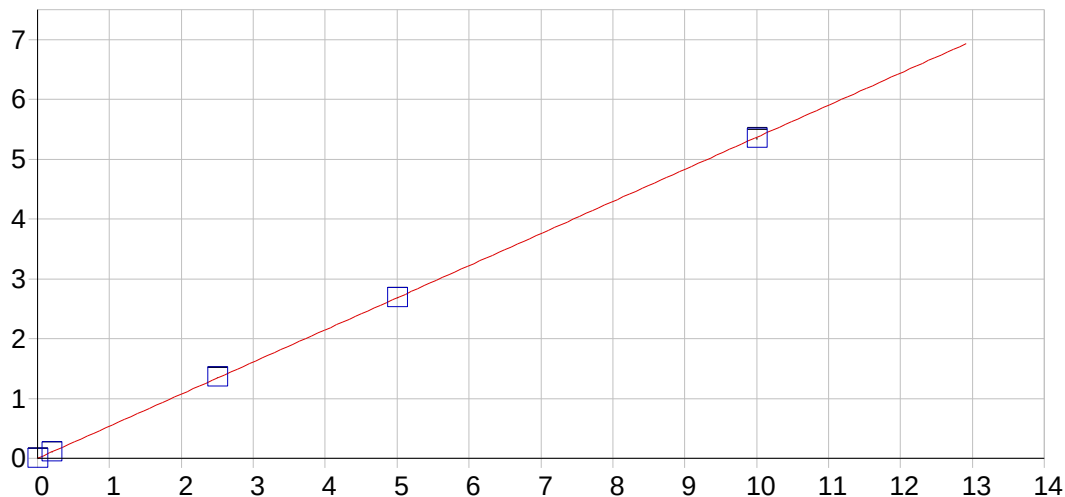
Date of Fit: 4/1/2019 15:06:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.003906 Re-Slope: 1.000000
 A1 (Gain): 0.007543 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999963
 Std Error of Est: 0.000036
 Predicted MDL: 0.038766
 Predicted MQL: 0.129220

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1005	.100	5.02	.01194	.000	1
S0	.00000	-.00011	-.000	.000	-.00391	.000	1
S3	12.500	12.611	.111	.889	.09122	.000	1
S4	25.000	24.952	-.048	-.193	.18431	.000	1
S5	50.000	49.837	-.163	-.327	.37202	.001	1



Mo 202.030 {467}

Date of Fit: 4/1/2019 15:06:52

Type of Fit: Linear

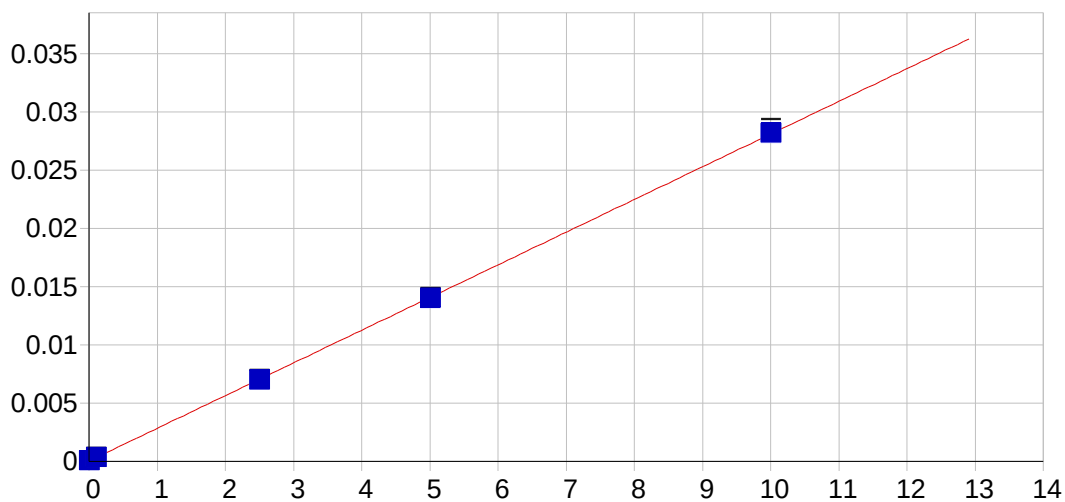
Weighting: 1/Conc

A0 (Offset): 0.000260
 A1 (Gain): 0.536596
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999981
 Std Error of Est: 0.000251
 Predicted MDL: 0.000268
 Predicted MQL: 0.000892

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00026	.000	1
S1	.20000	.20815	.008	4.07	.11195	.000	1
S3	2.5000	2.5224	.022	.896	1.3538	.003	1
S4	5.0000	5.0040	.004	.081	2.6854	.005	1
S5	10.000	9.9654	-.035	-.346	5.3477	.017	1

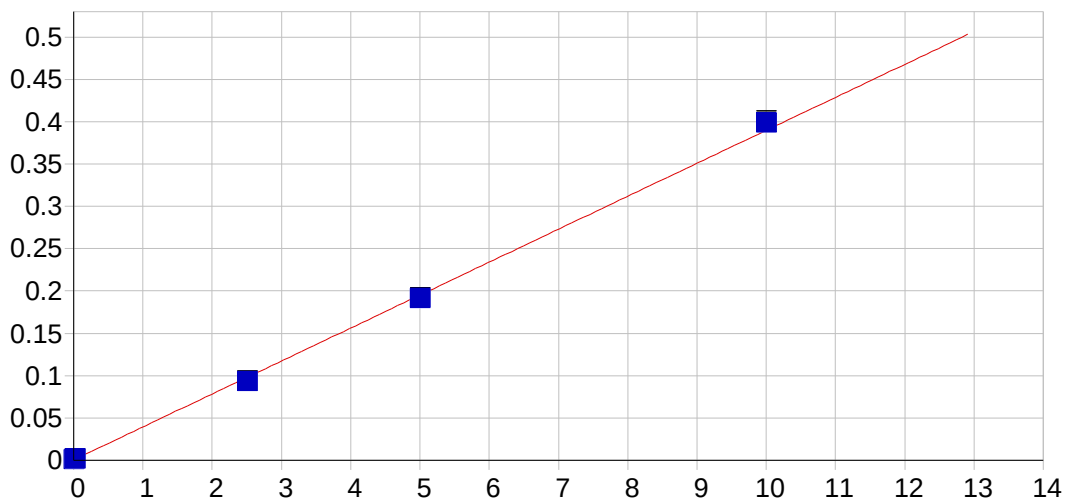


B 249.678 {135}

Date of Fit: 4/1/2019 15:06:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000031 Re-Slope: 1.000000
 A1 (Gain): 0.002806 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999989 Status: OK.
 Std Error of Est: 0.000001
 Predicted MDL: 0.009780
 Predicted MQL: 0.032599

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00003	.000	1
S1	.10000	.09862	-.001	-1.38	.00031	.000	1
S3	2.5000	2.4806	-.019	-.776	.00697	.000	1
S4	5.0000	4.9809	-.019	-.382	.01397	.000	1
S5	10.000	10.040	.040	.399	.02814	.000	1



S 182.034 {485}

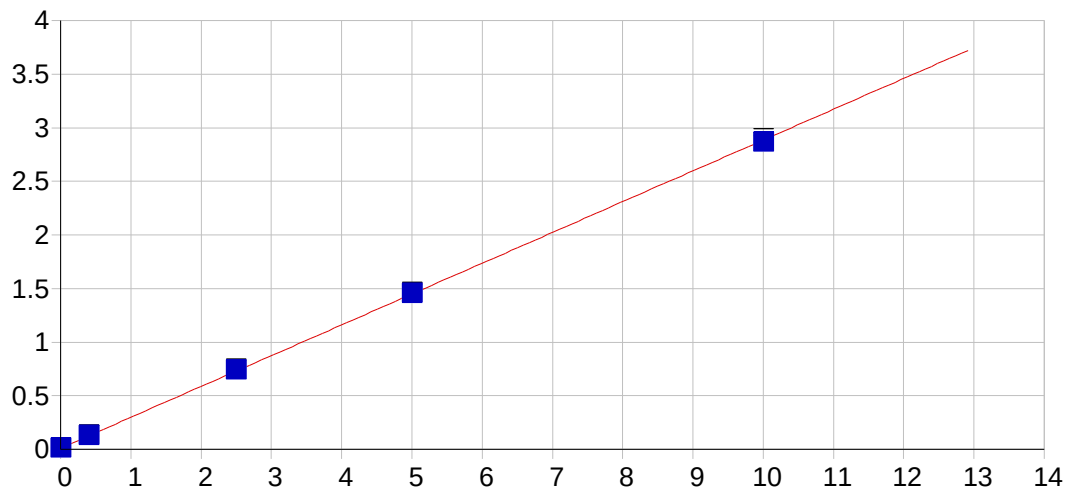
Date of Fit: 4/1/2019 15:06:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000532 Re-Slope: 1.000000
 A1 (Gain): 0.038925 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999629
 Std Error of Est: 0.000026
 Predicted MDL: 0.002771
 Predicted MQL: 0.009236

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00053	.000	1
S1	.02000	.02152	.002	7.62	.00135	.000	1
S3	2.5000	2.3828	-.117	-4.69	.09317	.001	1
S4	5.0000	4.8917	-.108	-2.17	.19072	.001	1
S5	10.000	10.224	.224	2.24	.39807	.003	1



Si 288.158 {117}

Date of Fit: 4/1/2019 15:06:52

Type of Fit: Linear

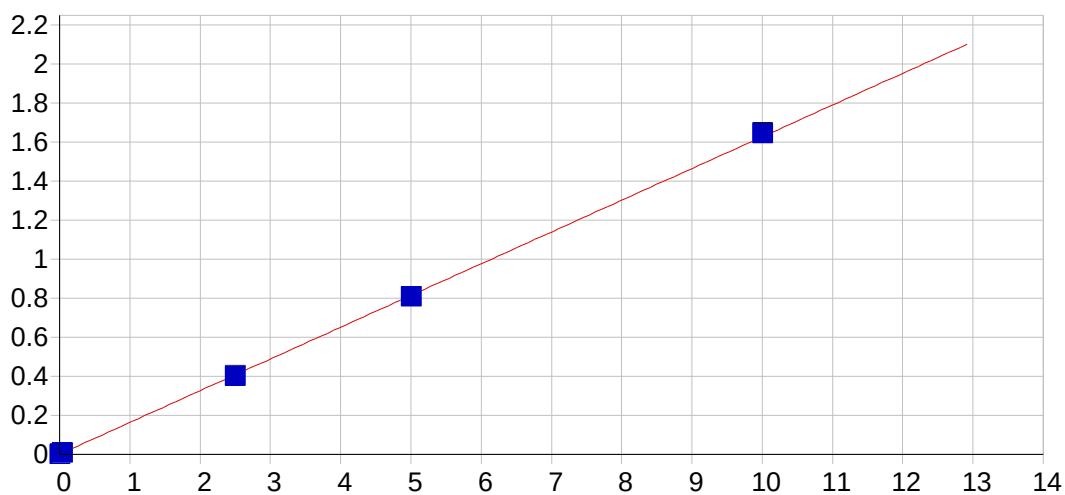
Weighting: 1/Conc

A0 (Offset): 0.011578
 A1 (Gain): 0.287331
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999959
 Std Error of Est: 0.000285
 Predicted MDL: 0.002556
 Predicted MQL: 0.008519

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	.01157	.001	1
S1	.40000	.40659	.007	1.65	.12831	.001	1
S3	2.5000	2.5444	.044	1.77	.74227	.006	1
S4	5.0000	5.0200	.020	.400	1.4532	.008	1
S5	10.000	9.9291	-.071	-.709	2.8630	.034	1

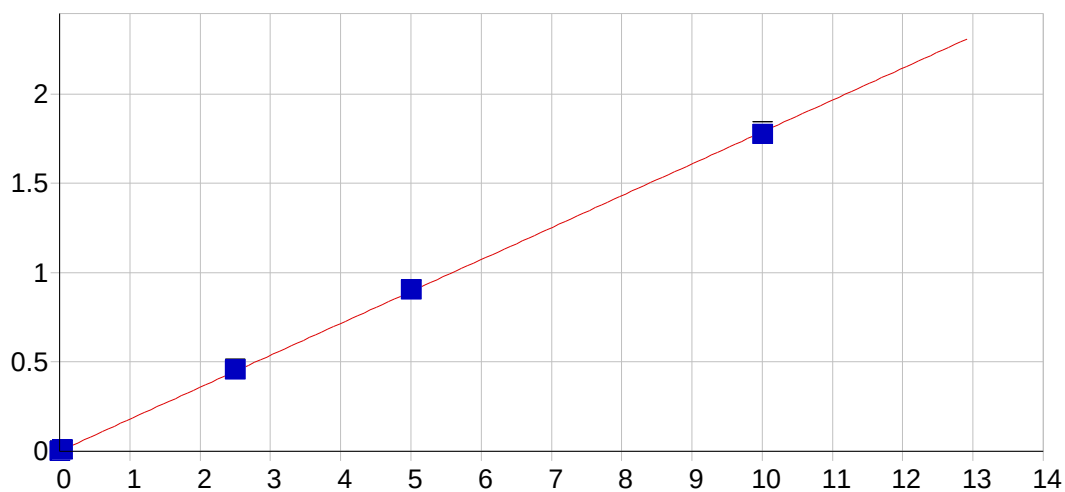


Sn 189.989 {477}

Date of Fit: 4/1/2019 15:06:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001166 Re-Slope: 1.000000
 A1 (Gain): 0.162646 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999926 Status: OK.
 Std Error of Est: 0.000068
 Predicted MDL: 0.000611
 Predicted MQL: 0.002036

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00117	.000	1
S1	.04000	.03878	-.001	-3.04	.00747	.000	1
S3	2.5000	2.4539	-.046	-1.84	.40036	.002	1
S4	5.0000	4.9437	-.056	-1.13	.80539	.002	1
S5	10.000	10.104	.104	1.04	1.6448	.003	1



Ti 336.121 {100}

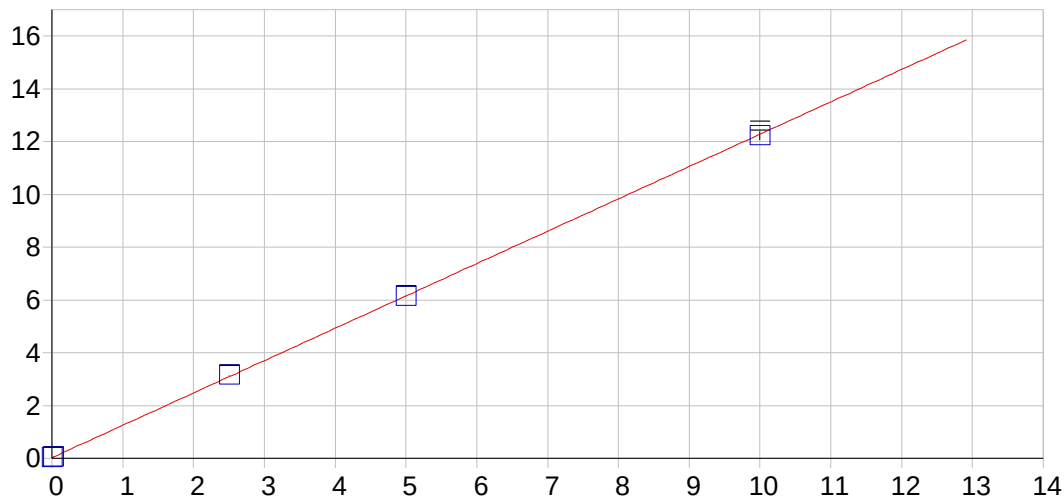
Date of Fit: 4/1/2019 15:06:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001392 Re-Slope: 1.000000
 A1 (Gain): 0.178578 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999952
 Std Error of Est: 0.000060
 Predicted MDL: 0.002205
 Predicted MQL: 0.007350

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00139	.000	1
S1	.04000	.04131	.001	3.27	.00877	.000	1
S3	2.5000	2.5408	.041	1.63	.45507	.002	1
S4	5.0000	5.0397	.040	.794	.90126	.002	1
S5	10.000	9.9182	-.082	-.818	1.7723	.016	1



Li 670.784 { 50}

Date of Fit: 4/1/2019 15:06:52

Type of Fit: Linear

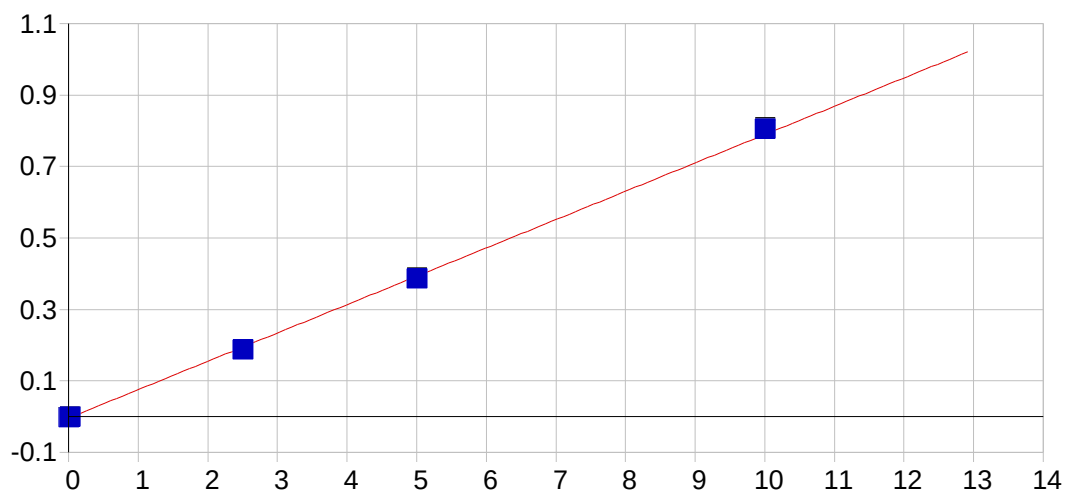
Weighting: 1/Conc

A0 (Offset): 0.024021
 A1 (Gain): 1.225829
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999927
 Std Error of Est: 0.000358
 Predicted MDL: 0.001786
 Predicted MQL: 0.005953

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	.02401	.001	1
S1	.02000	.02559	.006	28.0	.05539	.002	1
S3	2.5000	2.5445	.044	1.78	3.1431	.016	1
S4	5.0000	4.9953	-.005	-.095	6.1474	.006	1
S5	10.000	9.9547	-.045	-.453	12.227	.164	1

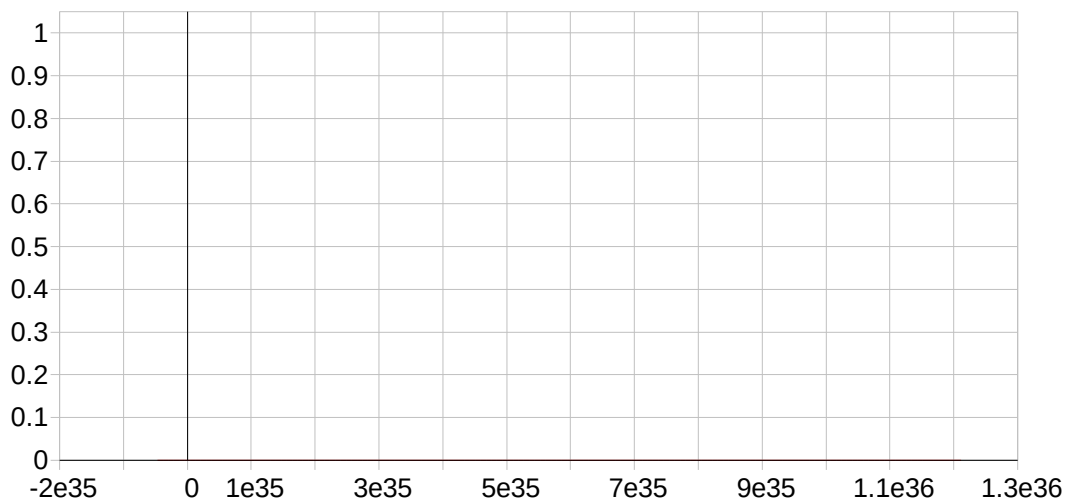


P 177.495 {490}

Date of Fit: 4/1/2019 15:06:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.003740 Re-Slope: 1.000000
 A1 (Gain): 0.079312 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999727 Status: OK.
 Std Error of Est: 0.000045
 Predicted MDL: 0.001474
 Predicted MQL: 0.004912

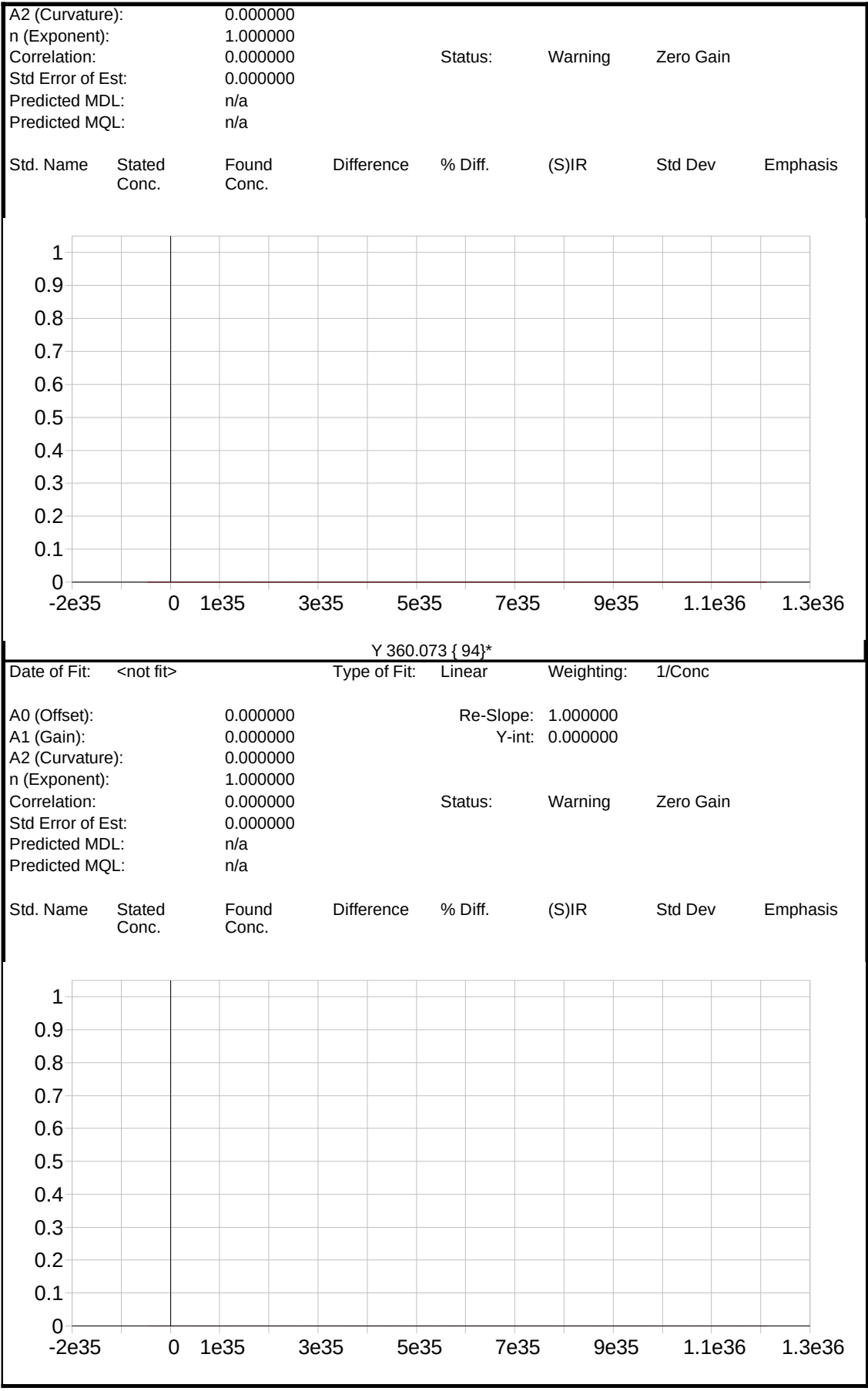
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00374	.000	1
S1	.02000	.01917	-.001	-4.14	-.00222	.000	1
S3	2.5000	2.3997	-.100	-4.01	.18630	.001	1
S4	5.0000	4.9071	-.093	-1.86	.38488	.002	1
S5	10.000	10.194	.194	1.94	.80362	.003	1

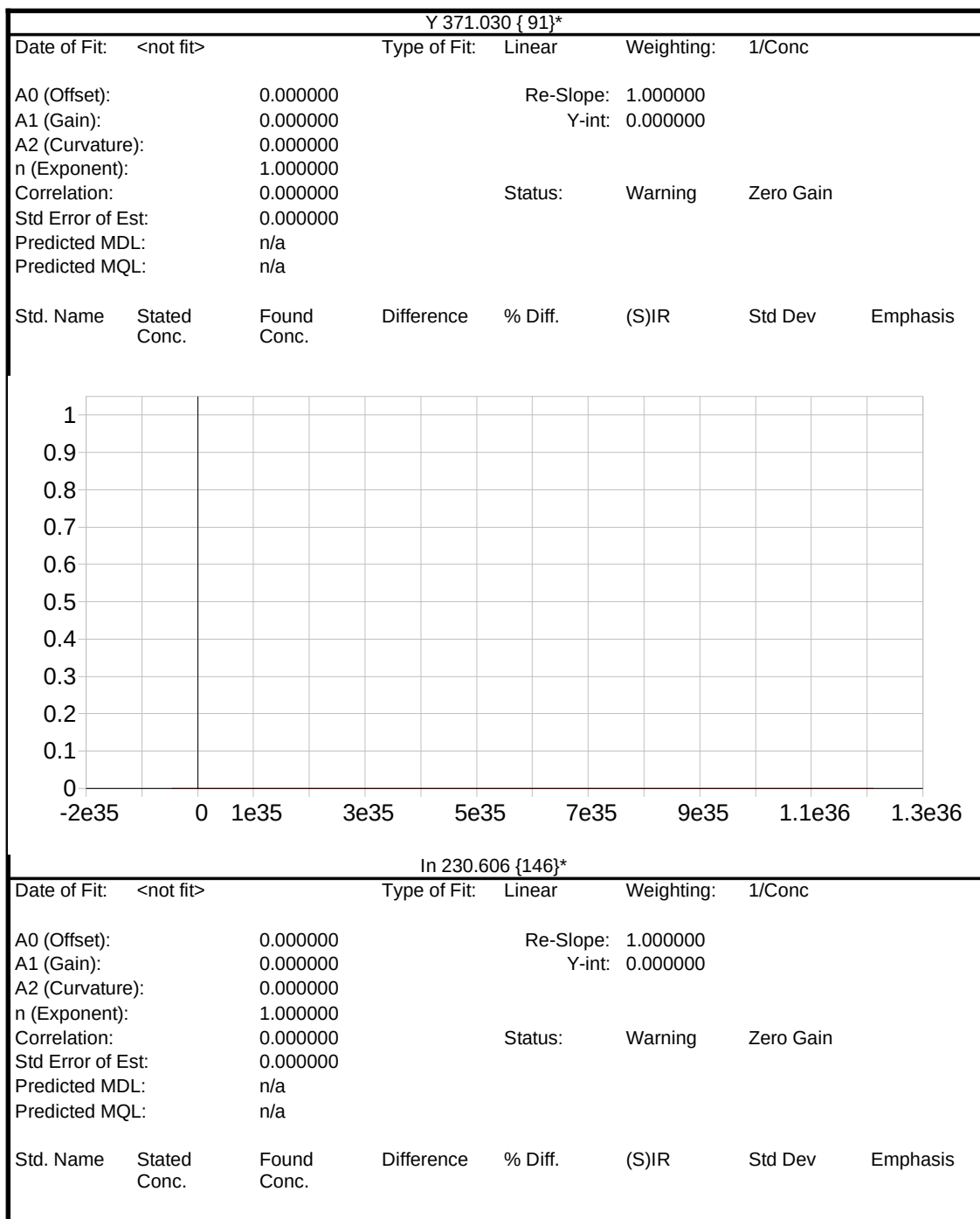


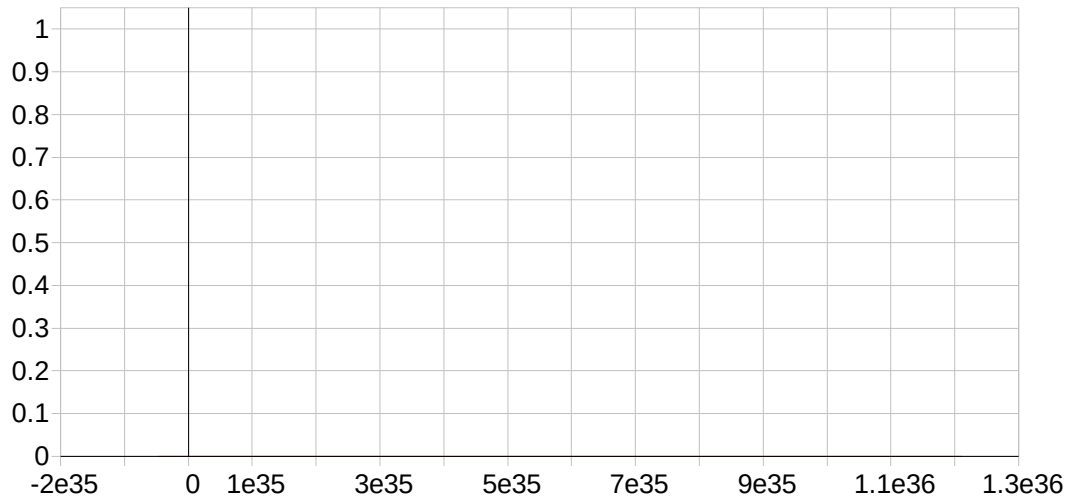
Y 224.306 {450}*

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

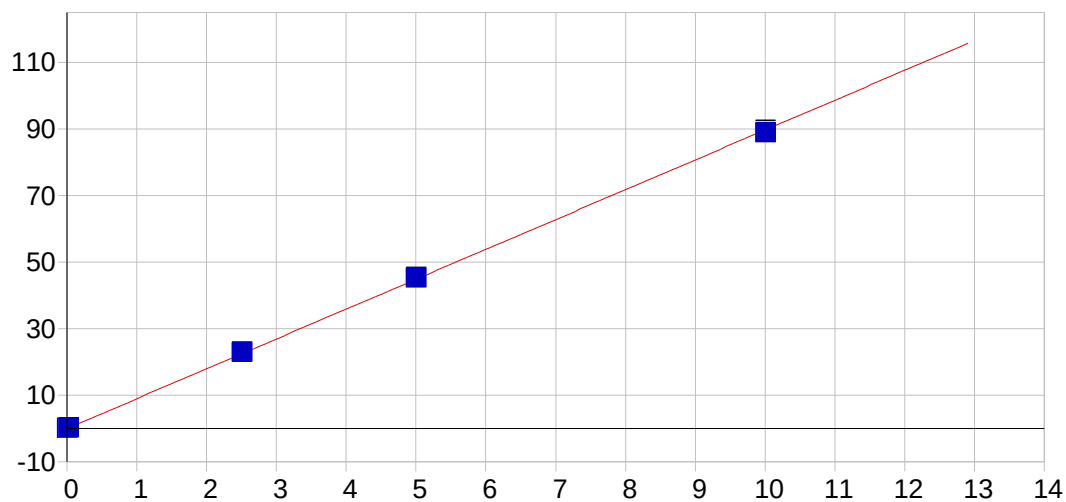
Status: Warning Zero Gain

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
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Sr 407.771 { 83}

Date of Fit: 4/1/2019 15:06:52

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.003917

Re-Slope: 1.000000

A1 (Gain): 8.968395

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999924

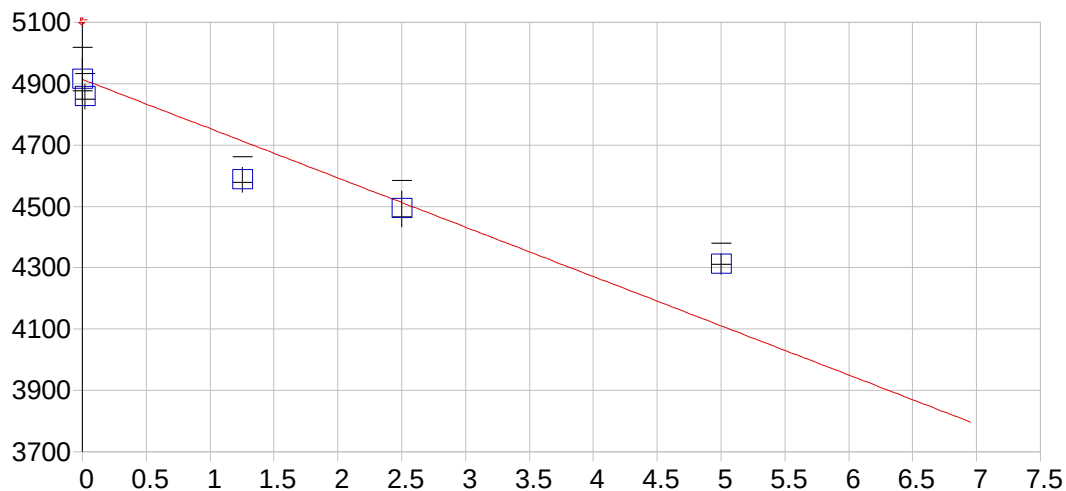
Status: OK.

Std Error of Est: 0.002675

Predicted MDL: 0.000098

Predicted MQL: 0.000326

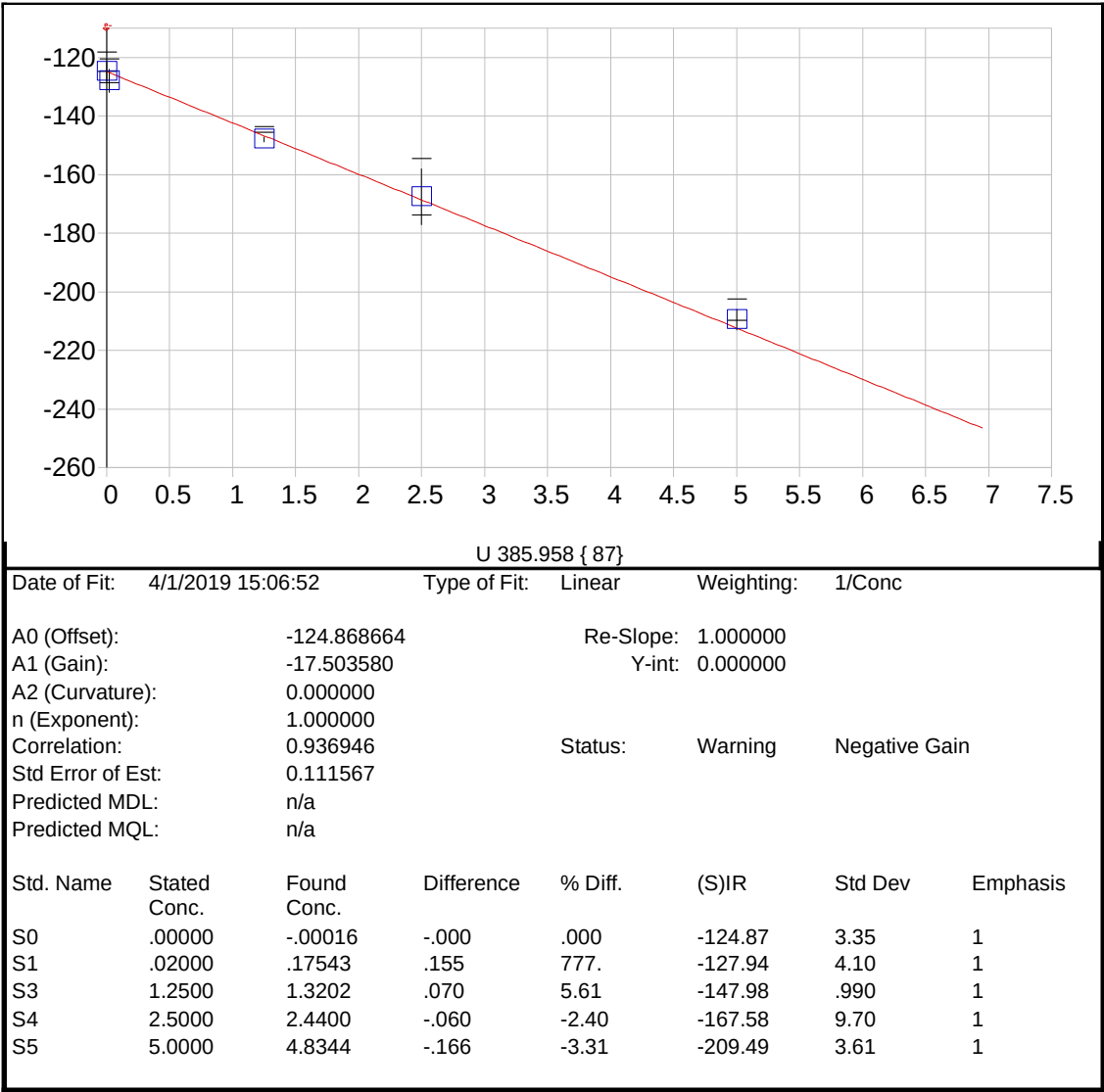
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00393	.001	1
S1	.02000	.02133	.001	6.67	.18840	.000	1
S3	2.5000	2.5510	.051	2.04	22.899	.033	1
S4	5.0000	5.0499	.050	.998	45.335	.102	1
S5	10.000	9.8978	-.102	-1.02	88.862	.675	1



Date of Fit: 4/1/2019 15:06:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 4914.301358 Re-Slope: 1.000000
A1 (Gain): -160.691002 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.760326 Status: Warning Negative Gain
Std Error of Est: 2.345883
Predicted MDL: n/a
Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00034	-.000	.000	4914.4	70.9	1
S1	.02000	.35387	.334	1670.	4857.4	42.0	1
S3	1.2500	2.0412	.791	63.3	4586.3	41.1	1
S4	2.5000	2.6272	.127	5.09	4492.1	59.1	1
S5	5.0000	3.7477	-1.25	-25.0	4312.1	35.1	1



Sample Name: S0 Acquired: 4/1/2019 12:07:41 Type: Cal
Method: P4-ICP2(v3010) 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	.00014	-.00036	.00343	-.00027	.00033	.00067	.00117	-.00020
Stddev	.00003	.00005	.00008	.00010	.00005	.00008	.00003	.00002
%RSD	19.905	13.814	2.4058	38.205	16.110	11.311	2.8401	9.1216
#1	.00016	-.00040	.00352	-.00018	.00028	.00062	.00117	-.00018
#2	.00011	-.00030	.00343	-.00026	.00033	.00064	.00120	-.00021
#3	.00013	-.00037	.00335	-.00038	.00039	.00076	.00114	-.00020
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	-.00061	.00115	-.00015	-.00006	.01189	.00190	.00126	.00004
Stddev	.00012	.00007	.00003	.00005	.00033	.00006	.00001	.00004
%RSD	19.091	5.7603	18.321	86.775	2.8058	3.3502	1.1714	103.33
#1	-.00073	.00108	-.00017	-.00010	.01225	.00183	.00127	-.00000
#2	-.00050	.00122	-.00012	-.00000	.01159	.00193	.00127	.00008
#3	-.00061	.00115	-.00016	-.00007	.01184	.00195	.00125	.00005
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	-.00612	.00028	.00617	.00000	.00695	-.00391	.00026	.00003
Stddev	.00025	.00012	.00024	.00004	.00039	.00025	.00010	.00002
%RSD	4.1237	41.769	3.8146	836.55	5.6679	6.2940	40.803	67.206
#1	-.00583	.00041	.00604	-.00001	.00740	-.00399	.00036	.00005
#2	-.00625	.00024	.00645	-.00002	.00679	-.00363	.00024	.00003
#3	-.00627	.00019	.00603	.00005	.00667	-.00410	.00016	.00001
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	.00053	.01157	.00117	.00139	.02401	-.0037	-.00393	4914.4
Stddev	.00002	.00063	.00003	.00011	.00132	.0001	.00099	70.9
%RSD	2.9062	5.4641	2.9122	8.2537	5.4941	3.286	25.180	1.4418
#1	.00052	.01102	.00121	.00127	.02352	-.0039	-.00474	4962.8
#2	.00053	.01144	.00115	.00149	.02551	-.0036	-.00423	4833.0
#3	.00055	.01226	.00114	.00141	.02302	-.0037	-.00283	4947.2

Sample Name: S0 Acquired: 4/1/2019 12:07:41 Type: Cal
 Method: P4-ICP2(v3010) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-124.87
Stddev	3.35
%RSD	2.6810

#1	-122.25
#2	-123.70
#3	-128.64

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4775.9	53335.	6152.5	88.839	5089.2
Stddev	7.5	224.	36.1	1.455	7.2
%RSD	.15739	.41993	.58676	1.6375	.14090

#1	4770.5	53218.	6113.0	87.408	5084.8
#2	4784.5	53593.	6183.8	90.317	5085.4
#3	4772.7	53193.	6160.7	88.792	5097.5

Sample Name: S1 Acquired: 4/1/2019 12:12:08 Type: Cal
Method: P4-ICP2(v3010) 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	.00098	.00554	.00612	.00081	.00596	.00163	.03618	.00520
Stddev	.00001	.00005	.00013	.00006	.00002	.00004	.00019	.00008
%RSD	1.0173	.81602	2.1152	7.2521	.40215	2.6329	.51274	1.5626

#1	.00099	.00557	.00611	.00084	.00599	.00161	.03616	.00526
#2	.00098	.00556	.00600	.00074	.00596	.00160	.03637	.00523
#3	.00097	.00549	.00625	.00084	.00594	.00168	.03600	.00510

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	.01977	.00189	.02585	.02816	.01203	.02844	.01503	.00243
Stddev	.00003	.00001	.00020	.00018	.00006	.00012	.00007	.00007
%RSD	.12848	.62301	.78489	.64803	.46112	.40957	.47777	2.7063

#1	.01978	.00188	.02591	.02834	.01200	.02857	.01495	.00236
#2	.01974	.00188	.02602	.02816	.01209	.02836	.01507	.00244
#3	.01979	.00190	.02563	.02797	.01200	.02838	.01508	.00249

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	.00791	.08527	.11195	.00031	.00135	.12831	.00747	.00877
Stddev	.00008	.00039	.00007	.00002	.00011	.00072	.00006	.00017
%RSD	1.0286	.45998	.05882	5.6079	7.9566	.55992	.83701	1.9178

#1	.00797	.08566	.11203	.00032	.00126	.12807	.00754	.00861
#2	.00795	.08528	.11190	.00031	.00147	.12912	.00741	.00875
#3	.00782	.08487	.11193	.00029	.00131	.12774	.00747	.00894

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.05539	-.0022	.18840	4857.4	-127.94
Stddev	.00162	.0000	.00035	42.0	4.10
%RSD	2.9202	2.143	.18318	.86505	3.2028

#1	.05682	-.0023	.18850	4898.5	-130.67
#2	.05573	-.0022	.18802	4814.5	-129.92
#3	.05363	-.0022	.18869	4859.3	-123.23

Sample Name: S1 Acquired: 4/1/2019 12:12:08 Type: Cal
 Method: P4-ICP2(v3010) 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	4725.7	53330.	6265.5	91.533	5003.9
Stddev	23.7	293.	26.5	.109	19.2
%RSD	.50125	.54866	.42365	.11905	.38407
#1	4698.4	52992.	6243.2	91.583	4981.9
#2	4740.4	53500.	6258.4	91.408	5017.8
#3	4738.3	53499.	6294.9	91.608	5011.8

Sample Name: S2 Acquired: 4/1/2019 12:16:34 Type: Cal
Method: P4-ICP2(v3010) 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	.08364	.00148	.06244	.01194
Stddev	.00042	.00006	.00045	.00034
%RSD	.50442	4.0967	.72317	2.8196

#1	.08411	.00143	.06193	.01156
#2	.08350	.00146	.06261	.01206
#3	.08331	.00155	.06278	.01219

Int. Std.	Y_3600	Y_3710
Units	Cts/S	Cts/S
Avg	53602.	6381.5
Stddev	77.	72.1
%RSD	.14339	1.1304

#1	53679.	6320.0
#2	53601.	6363.6
#3	53525.	6460.9

Sample Name: S3 Acquired: 4/1/2019 12:20:48 Type: Cal
 Method: P4-ICP2(v3010) 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	.11664	.36193	.60077	.13838	.27036	.04057	1.6709	.10624
Stddev	.00031	.00204	.00047	.00041	.00037	.00034	.0102	.00050
%RSD	.26948	.56384	.07809	.29385	.13677	.84315	.61058	.47145

#1	.11649	.36074	.60124	.13848	.27010	.04092	1.6705	.10566
#2	.11643	.36077	.60030	.13793	.27020	.04053	1.6812	.10658
#3	.11700	.36429	.60075	.13873	.27078	.04024	1.6608	.10646

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.1704	.48310	.09727	1.1002	.45404	.22682	1.4712	.00864
Stddev	.0070	.00190	.00016	.0015	.00100	.00009	.0031	.00004
%RSD	.16912	.39372	.16775	.13990	.22092	.03774	.21354	.43933

#1	4.1741	.48297	.09744	1.1015	.45519	.22673	1.4745	.00865
#2	4.1623	.48127	.09726	1.0985	.45340	.22681	1.4682	.00867
#3	4.1749	.48507	.09711	1.1005	.45352	.22691	1.4708	.00859

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	.64340	.12559	.34182	.24137	2.4358	.09122	1.3538	.00697
Stddev	.00070	.00019	.00190	.00019	.0029	.00039	.0026	.00002
%RSD	.10876	.15431	.55589	.07939	.12087	.42671	.19316	.30221

#1	.64262	.12540	.34157	.24119	2.4361	.09150	1.3568	.00696
#2	.64398	.12579	.34383	.24133	2.4328	.09139	1.3519	.00700
#3	.64360	.12559	.34006	.24157	2.4386	.09078	1.3526	.00696

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	.09317	.74227	.40036	.45507	3.1431	.1863	22.899	4586.3
Stddev	.00053	.00596	.00163	.00189	.0164	.0008	.033	41.1
%RSD	.57420	.80235	.40818	.41525	.52198	.4181	.14343	.89712

#1	.09256	.74071	.39948	.45382	3.1600	.1858	22.926	4607.5
#2	.09345	.73725	.39935	.45414	3.1272	.1859	22.909	4538.9
#3	.09351	.74885	.40224	.45724	3.1422	.1872	22.862	4612.5

Sample Name: S3 Acquired: 4/1/2019 12:20:48 Type: Cal
 Method: P4-ICP2(v3010) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-147.98
Stddev	.99
%RSD	.66910

#1	-147.17
#2	-149.08
#3	-147.67

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4610.6	52256.	6285.1	89.242	4669.6
Stddev	17.0	123.	28.8	.363	8.3
%RSD	.36884	.23568	.45789	.40728	.17778

#1	4594.8	52144.	6278.0	89.257	4662.5
#2	4608.4	52236.	6316.7	88.871	4667.5
#3	4628.6	52388.	6260.5	89.597	4678.7

Sample Name: S4 Acquired: 4/1/2019 12:24:48 Type: Cal
Method: P4-ICP2(v3010) 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	.23313	.72195	1.2065	.27466	.53971	.08065	3.2975	.21150
Stddev	.00079	.00143	.0013	.00105	.00030	.00028	.0109	.00042
%RSD	.34008	.19844	.10880	.38066	.05518	.34780	.32954	.19840
#1	.23382	.72352	1.2078	.27552	.54003	.08072	3.3084	.21118
#2	.23226	.72072	1.2064	.27350	.53944	.08034	3.2867	.21136
#3	.23330	.72161	1.2052	.27497	.53966	.08088	3.2974	.21198
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	8.4388	.95387	.19262	2.2233	.87684	.44503	2.8911	.01720
Stddev	.0129	.00403	.00012	.0023	.00170	.00021	.0117	.00011
%RSD	.15325	.42227	.06440	.10167	.19386	.04691	.40450	.63396
#1	8.4538	.95454	.19248	2.2256	.87869	.44527	2.8843	.01714
#2	8.4314	.95751	.19266	2.2210	.87648	.44486	2.8843	.01713
#3	8.4314	.94954	.19272	2.2234	.87535	.44497	2.9046	.01733
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	1.2934	.24895	.67821	.48134	4.9007	.18431	2.6854	.01397
Stddev	.0037	.00031	.00427	.00035	.0072	.00041	.0047	.00005
%RSD	.28429	.12340	.62916	.07306	.14662	.22402	.17379	.34909
#1	1.2969	.24872	.67488	.48174	4.9087	.18428	2.6901	.01399
#2	1.2896	.24883	.67672	.48108	4.8985	.18391	2.6808	.01392
#3	1.2937	.24930	.68302	.48119	4.8948	.18473	2.6854	.01401
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	.19072	1.4532	.80539	.90126	6.1474	.3849	45.335	4492.1
Stddev	.00124	.0080	.00212	.00246	.0064	.0017	.102	59.1
%RSD	.64824	.54829	.26376	.27340	.10426	.4370	.22439	1.3155
#1	.19119	1.4600	.80736	.90404	6.1547	.3867	45.222	4438.6
#2	.18932	1.4552	.80314	.90041	6.1430	.3835	45.421	4482.3
#3	.19166	1.4444	.80567	.89934	6.1444	.3844	45.361	4555.5

Sample Name: S4 Acquired: 4/1/2019 12:24:48 Type: Cal
 Method: P4-ICP2(v3010) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-167.58
Stddev	9.70
%RSD	5.7911

#1	-178.77
#2	-161.52
#3	-162.44

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4570.9	52175.	6335.9	90.321	4517.2
Stddev	7.8	52.	33.5	.743	7.9
%RSD	.16968	.09959	.52882	.82232	.17420

#1	4562.8	52139.	6311.7	90.079	4510.5
#2	4571.5	52234.	6321.8	91.155	4515.4
#3	4578.3	52151.	6374.1	89.729	4525.9

Sample Name: S5 Acquired: 4/1/2019 12:28:56 Type: Cal
 Method: P4-ICP2(v3010) 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	.46995	1.4450	2.4589	.54847	1.0843	.16270	6.6574	.42148
Stddev	.00145	.0049	.0026	.00226	.0027	.00100	.0927	.00053
%RSD	.30960	.33580	.10453	.41269	.25139	.61426	1.3932	.12584
#1	.47022	1.4462	2.4613	.54864	1.0872	.16252	6.5617	.42152
#2	.47125	1.4491	2.4562	.55064	1.0840	.16180	6.7469	.42093
#3	.46837	1.4397	2.4592	.54613	1.0817	.16378	6.6635	.42199
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	17.215	1.8730	.37853	4.5690	1.7140	.87205	5.6147	.03443
Stddev	.042	.0116	.00080	.0040	.0044	.00181	.0191	.00031
%RSD	.24208	.62024	.21196	.08824	.25483	.20777	.34079	.90484
#1	17.262	1.8833	.37762	4.5736	1.7163	.86998	5.6165	.03410
#2	17.184	1.8751	.37883	4.5668	1.7167	.87337	5.5947	.03446
#3	17.198	1.8604	.37914	4.5666	1.7089	.87280	5.6329	.03472
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	2.6222	.49357	1.3663	.95572	10.113	.37202	5.3477	.02814
Stddev	.0042	.00059	.0060	.00149	.010	.00069	.0174	.00034
%RSD	.15836	.12025	.43773	.15556	.10369	.18499	.32519	1.2092
#1	2.6269	.49407	1.3621	.95628	10.123	.37206	5.3634	.02797
#2	2.6190	.49291	1.3638	.95685	10.114	.37130	5.3506	.02791
#3	2.6208	.49373	1.3732	.95404	10.102	.37268	5.3290	.02853
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	.39807	2.8630	1.6448	1.7723	12.227	.8036	88.862	4312.1
Stddev	.00252	.0336	.0034	.0157	.164	.0034	.675	35.1
%RSD	.63275	1.1718	.20414	.88322	1.3417	.4243	.75987	.81357
#1	.39804	2.8942	1.6462	1.7890	12.416	.8027	89.402	4350.2
#2	.40060	2.8673	1.6471	1.7699	12.141	.8074	89.080	4281.2
#3	.39557	2.8275	1.6409	1.7580	12.124	.8008	88.105	4304.8

Sample Name: S5 Acquired: 4/1/2019 12:28:56 Type: Cal
Method: P4-ICP2(v3010) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-209.49
Stddev	3.61
%RSD	1.7235

#1	-205.36
#2	-212.04
#3	-211.07

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4414.3	50966.	6288.4	87.001	4211.4
Stddev	12.7	163.	59.4	2.163	7.7
%RSD	.28882	.32001	.94499	2.4861	.18257

#1	4403.9	51052.	6223.9	84.542	4203.1
#2	4410.5	51068.	6300.3	88.606	4212.9
#3	4428.5	50778.	6340.9	87.857	4218.3

Sample Name: ICV01 Acquired: 4/1/2019 12:33:19 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0226	1.0620	1.0205	1.0283	1.0215	2.6107	.51159	.51451
Stddev	.0017	.0027	.0025	.0027	.0031	.0269	.00463	.00058
%RSD	.16711	.25809	.24322	.26218	.30142	1.0315	.90504	.11285
#1	1.0242	1.0590	1.0216	1.0313	1.0220	2.5803	.50640	.51493
#2	1.0229	1.0627	1.0223	1.0263	1.0243	2.6315	.51529	.51385
#3	1.0208	1.0643	1.0177	1.0272	1.0182	2.6204	.51307	.51475
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49594	10.486	F .51877	.51268	F .53177	5.2637	F .52878	6.1332
Stddev	.00043	.059	.00010	.00104	.00080	.0066	.00030	.0893
%RSD	.08672	.55956	.01873	.20227	.15056	.12577	.05710	1.4565
#1	.49629	10.422	.51877	.51206	.53252	5.2642	.52902	6.0483
#2	.49606	10.497	.51868	.51387	.53188	5.2568	.52844	6.2264
#3	.49546	10.538	.51887	.51209	.53093	5.2700	.52890	6.1251
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51242	.50506	10.232	.50725	1.0025	10.089	2.6122	2.5189
Stddev	.00106	.00112	.083	.00024	.0007	.065	.0137	.0150
%RSD	.20711	.22199	.80797	.04779	.07290	.64263	.52495	.59677
#1	.51164	.50382	10.137	.50751	1.0027	10.017	2.6275	2.5138
#2	.51363	.50536	10.282	.50721	1.0032	10.105	2.6080	2.5072
#3	.51200	.50600	10.278	.50703	1.0017	10.143	2.6010	2.5359
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5208	2.6086	2.5142	2.5535	2.6085	2.521	2.6094	F 1.8559
Stddev	.0115	.0199	.0098	.0079	.0113	.017	.0032	.0941
%RSD	.45703	.76337	.39177	.31071	.43367	.6573	.12391	5.0686
#1	2.5076	2.6314	2.5193	2.5507	2.6192	2.503	2.6125	1.8552
#2	2.5266	2.5993	2.5205	2.5473	2.6096	2.523	2.6098	1.7622
#3	2.5283	2.5950	2.5029	2.5624	2.5967	2.536	2.6061	1.9503

Sample Name: ICV01 Acquired: 4/1/2019 12:33:19 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .49096
Stddev	.63783
%RSD	129.92

#1	.20682
#2	1.2215
#3	.04456

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4651.3	53057.	6428.9	93.105	4742.6
Stddev	11.3	22.	45.8	2.538	3.3
%RSD	.24281	.04123	.71274	2.7258	.06891

#1	4638.8	53076.	6376.8	90.780	4739.6
#2	4654.4	53033.	6446.9	95.813	4742.1
#3	4660.7	53062.	6462.9	92.722	4746.1

Sample Name: LLICV01 Acquired: 4/1/2019 12:42:06 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02145	.04249	.01172	.01937	.05291	.10337	.10661
Stddev	.00271	.00135	.00088	.00437	.00063	.01164	.00109
%RSD	12.653	3.1866	7.5344	22.571	1.1826	11.260	1.0242

#1	.02239	.04102	.01211	.01574	.05219	.09567	.10763
#2	.02356	.04276	.01234	.02422	.05324	.09769	.10675
#3	.01839	.04368	.01071	.01815	.05331	.11676	.10546

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00669	.00605	2.0919	.01097	.03005	.02010	.11802
Stddev	.00005	.00003	.0100	.00017	.00018	.00017	.00072
%RSD	.68367	.42640	.47847	1.5483	.59580	.84629	.60915

#1	.00667	.00605	2.0858	.01117	.02987	.02028	.11740
#2	.00666	.00608	2.1035	.01087	.03022	.02006	.11786
#3	.00674	.00603	2.0865	.01088	.03005	.01995	.11881

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02323	2.1058	.04047	.01139	2.0819	.04112	.03943
Stddev	.00005	.0439	.00016	.00006	.0111	.00043	.00014
%RSD	.22955	2.0828	.40382	.54405	.53346	1.0488	.35237

#1	.02328	2.0922	.04064	.01146	2.0876	.04137	.03958
#2	.02325	2.1549	.04045	.01135	2.0890	.04136	.03939
#3	.02317	2.0704	.04032	.01136	2.0691	.04062	.03931

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9634	.21104	.09757	.01726	.40238	.04273	.03892
Stddev	.0372	.00092	.00631	.00169	.00083	.00062	.00211
%RSD	1.8928	.43360	6.4644	9.8097	.20708	1.4550	5.4328

#1	1.9422	.21013	.10473	.01864	.40294	.04308	.04059
#2	2.0063	.21104	.09514	.01537	.40279	.04310	.03963
#3	1.9417	.21196	.09284	.01777	.40142	.04201	.03654

Sample Name: LLICV01 Acquired: 4/1/2019 12:42:06 Type: Unk
 Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .02841	.0191	.02101	F 1.7253	F<.00000
Stddev	.00101	.0011	.00002	.2586	.12012
%RSD	3.5500	5.969	.08796	14.988	15.005

#1	.02733	.0204	.02103	1.9936	-.93463
#2	.02858	.0186	.02099	1.4777	-.76415
#3	.02932	.0183	.02101	1.7046	-.70279

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4686.2	53084.	6385.0	92.775	4929.8
Stddev	7.8	203.	12.4	.824	2.5
%RSD	.16693	.38330	.19452	.88834	.05119

#1	4678.1	53023.	6380.7	92.567	4928.6
#2	4693.8	52918.	6375.3	93.683	4928.2
#3	4686.7	53311.	6399.0	92.075	4932.7

Sample Name: ICB01 Acquired: 4/1/2019 12:46:36 Type: Unk
Method: P4-ICP2(v3010) 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	.00055	.00029	-.00215	.00016	.00097	-.00397	-.00025
Stddev	.00096	.00029	.00083	.00153	.00098	.00738	.00030
%RSD	173.76	98.952	38.650	939.92	101.54	185.58	119.63

#1	.00137	.00015	-.00173	-.00160	.00197	-.00025	-.00059
#2	-.00051	.00010	-.00160	.00113	.00091	-.01247	-.00003
#3	.00080	.00063	-.00310	.00096	.00002	.00080	-.00013

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	.00013	.00865	.00022	.00007	-.00473	.00075
Stddev	.00001	.00004	.01642	.00007	.00002	.00039	.00036
%RSD	18.042	34.591	189.74	30.688	32.969	8.2585	47.480

#1	.00008	.00012	.02649	.00015	.00008	-.00432	.00076
#2	.00010	.00017	.00531	.00029	.00005	-.00479	.00110
#3	.00007	.00009	-.00584	.00022	.00009	-.00510	.00039

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00022	.00732	-.00021	.00017	-.08450	-.00062	-.00190
Stddev	.00002	.01010	.00029	.00056	.00735	.00035	.00004
%RSD	9.3588	138.11	140.20	321.12	8.6996	56.297	2.3330

#1	-.00020	.01694	-.00034	.00035	-.09070	-.00102	-.00185
#2	-.00024	-.00320	-.00040	-.00045	-.07638	-.00046	-.00193
#3	-.00021	.00821	.00013	.00062	-.08643	-.00038	-.00193

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.12758	.00005	-.00789	-.00493	.00054	-.00151	-.00084
Stddev	.02674	.00012	.00361	.00379	.00254	.00032	.00094
%RSD	20.963	227.52	45.748	76.897	470.66	21.231	111.15

#1	-.15743	.00004	-.00886	-.00679	.00323	-.00188	-.00030
#2	-.10581	.00019	-.00390	-.00057	-.00181	-.00131	-.00192
#3	-.11949	-.00006	-.01092	-.00742	.00019	-.00134	-.00030

Sample Name: ICB01 Acquired: 4/1/2019 12:46:36 Type: Unk
Method: P4-ICP2(v3010) 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	-0.00102	.0015	-0.00016	F 1.5450	F<.00000
Stddev	.00069	.0006	.00003	.2255	.42583
%RSD	67.955	37.21	20.987	14.592	40.359

#1	-0.00127	.0021	-0.00013	1.2910	-1.5437
#2	-0.00156	.0010	-0.00020	1.6226	-.85847
#3	-0.00024	.0015	-0.00017	1.7215	-.76315

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4702.3	53200.	6423.6	92.381	4976.8
Stddev	9.9	141.	57.2	1.952	6.0
%RSD	.21014	.26456	.89112	2.1132	.12042

#1	4691.8	53325.	6357.6	94.383	4970.2
#2	4703.4	53048.	6457.6	90.483	4978.3
#3	4711.5	53229.	6455.8	92.275	4981.9

Sample Name: CRI01 Acquired: 4/1/2019 12:51:04 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01875	.04222	.01072	.01944	.05373	.11350	.10653
Stddev	.00230	.00108	.00013	.00183	.00072	.00696	.00093
%RSD	12.288	2.5539	1.2463	9.4132	1.3464	6.1279	.86985

#1	.01752	.04183	.01059	.02083	.05379	.11775	.10553
#2	.02141	.04344	.01071	.01737	.05442	.10547	.10736
#3	.01733	.04139	.01085	.02011	.05297	.11728	.10671

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00669	.00606	2.0744	.01071	.03007	.01811	.11551
Stddev	.00000	.00006	.0046	.00044	.00016	.00005	.00101
%RSD	.06791	1.0657	.22168	4.1512	.52057	.28938	.87243

#1	.00669	.00599	2.0795	.01090	.03005	.01811	.11436
#2	.00670	.00608	2.0728	.01102	.02993	.01816	.11593
#3	.00669	.00611	2.0707	.01020	.03024	.01805	.11623

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02311	2.1281	.04009	.01099	2.0459	.04111	.03848
Stddev	.00019	.0349	.00019	.00021	.0057	.00059	.00014
%RSD	.81903	1.6406	.47505	1.8929	.27773	1.4404	.36922

#1	.02289	2.1678	.04028	.01083	2.0395	.04081	.03847
#2	.02325	2.1144	.03990	.01091	2.0505	.04180	.03862
#3	.02318	2.1021	.04008	.01122	2.0476	.04073	.03834

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9162	.20989	.10047	.01641	.39096	.03883	.03863
Stddev	.0336	.00034	.00949	.00340	.00329	.00020	.00282
%RSD	1.7538	.15997	9.4504	20.712	.84160	.50297	7.2989

#1	1.8917	.20962	.09983	.02027	.39420	.03861	.03953
#2	1.9545	.21027	.11027	.01511	.39105	.03888	.03547
#3	1.9025	.20979	.09131	.01386	.38762	.03899	.04089

Sample Name: CRI01 Acquired: 4/1/2019 12:51:04 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.02140	.0201	.02089	F 1.3614	F<.00000
Stddev	.00083	.0007	.00005	.0365	.32270
%RSD	3.8922	3.721	.23015	2.6773	28.124

#1	.02074	.0195	.02083	1.3971	-.93640
#2	.02234	.0199	.02092	1.3628	-.98701
#3	.02112	.0210	.02092	1.3243	-1.5189

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4701.9	53357.	6516.0	93.881	4953.1
Stddev	7.6	94.	36.7	1.847	10.4
%RSD	.16248	.17663	.56270	1.9673	.21031

#1	4699.8	53426.	6473.9	92.692	4947.9
#2	4695.5	53396.	6540.8	96.008	4946.2
#3	4710.4	53250.	6533.3	92.942	4965.1

Sample Name: ICSA01 Acquired: 4/1/2019 12:55:31 Type: Unk
 Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00072	.00255	-.00654	.00168	.00451	265.47	.00595	.00091
Stddev	.00481	.00049	.00141	.00473	.00037	1.05	.00156	.00005
%RSD	667.34	19.121	21.569	281.55	8.1445	.39401	26.318	4.9711
#1	-.00481	.00214	-.00679	-.00160	.00408	265.06	.00740	.00086
#2	.00304	.00309	-.00502	-.00046	.00471	266.66	.00429	.00094
#3	.00393	.00241	-.00780	.00709	.00473	264.69	.00615	.00093
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00109	236.60	.04593	-.00036	-.00231	93.069	.01314	264.80
Stddev	.00007	1.29	.00021	.00036	.00016	.697	.00021	1.01
%RSD	6.7550	.54378	.45298	100.69	6.8694	.74845	1.6335	.38242
#1	-.00110	235.26	.04614	-.00068	-.00220	92.310	.01312	263.73
#2	-.00101	237.83	.04594	-.00042	-.00225	93.679	.01337	265.74
#3	-.00116	236.72	.04572	.00003	-.00250	93.218	.01294	264.92
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00815	-.00607	-.04673	.00075	-.01778	-.11828	.00030	-.03867
Stddev	.00060	.00046	.00362	.00041	.00025	.01820	.00056	.00927
%RSD	7.3747	7.6278	7.7459	54.461	1.3861	15.387	185.55	23.978
#1	-.00811	-.00640	-.05089	.00091	-.01750	-.09845	.00072	-.04923
#2	-.00878	-.00628	-.04507	.00105	-.01794	-.13422	-.00033	-.03187
#3	-.00758	-.00554	-.04424	.00028	-.01791	-.12217	.00052	-.03490
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00313	-.00856	.00661	-.00467	.00701	-.0005	-.00348	2.9255
Stddev	.00331	.00209	.00074	.00333	.00117	.0013	.00009	.1842
%RSD	105.67	24.399	11.141	71.379	16.704	274.8	2.6427	6.2969
#1	.00069	-.00665	.00745	-.00846	.00566	.0003	-.00349	2.9827
#2	-.00499	-.00824	.00609	-.00220	.00775	-.0020	-.00357	2.7195
#3	-.00508	-.01079	.00629	-.00335	.00761	.0003	-.00338	3.0744

Sample Name: ICSA01 Acquired: 4/1/2019 12:55:31 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	27.675
Stddev	.285
%RSD	1.0287

#1	27.791
#2	27.883
#3	27.351

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4357.6	50551.	6505.6	88.544	4113.4
Stddev	8.5	109.	8.6	1.647	4.9
%RSD	.19402	.21641	.13148	1.8603	.11888

#1	4347.9	50560.	6514.8	87.848	4113.2
#2	4361.6	50438.	6497.9	87.359	4118.4
#3	4363.4	50656.	6504.0	90.425	4108.6

Sample Name: ICSAB01 Acquired: 4/1/2019 13:00:11 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10310	.11001	.04297	.05870	.62528	264.89	.54075	.56362
Stddev	.00300	.00180	.00034	.00452	.00202	.32	.00181	.00063
%RSD	2.9112	1.6368	.78149	7.6983	.32234	.11982	.33528	.11114
#1	.09971	.11204	.04326	.06293	.62524	265.26	.54126	.56299
#2	.10541	.10939	.04260	.05394	.62731	264.72	.53874	.56424
#3	.10419	.10860	.04304	.05923	.62328	264.70	.54226	.56362
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0097	236.65	.54942	.51522	.49720	92.672	.51459	265.75
Stddev	.0014	.85	.00221	.00110	.00057	.123	.00107	.88
%RSD	.13567	.36079	.40145	.21340	.11481	.13245	.20733	.33021
#1	1.0086	236.18	.55107	.51488	.49721	92.805	.51540	265.03
#2	1.0093	236.14	.54692	.51645	.49777	92.563	.51499	265.51
#3	1.0112	237.64	.55029	.51433	.49663	92.647	.51338	266.73
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.99361	.20684	-.04161	.50659	1.0720	-.10858	1.0452	1.0106
Stddev	.00238	.00060	.00191	.00051	.0004	.01583	.0033	.0143
%RSD	.23925	.28798	4.5959	.09972	.03378	14.576	.31336	1.4140
#1	.99138	.20623	-.04382	.50607	1.0716	-.09284	1.0437	1.0262
#2	.99611	.20742	-.04065	.50662	1.0723	-.12449	1.0429	.99815
#3	.99334	.20686	-.04037	.50707	1.0720	-.10841	1.0490	1.0074
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .08429	.90861	1.0632	.99544	F .09505	F .0779	F .08170	4.3295
Stddev	.00588	.00429	.0027	.00172	.00175	.0005	.00038	.2420
%RSD	6.9766	.47270	.25882	.17316	1.8446	.6658	.46448	5.5890
#1	.08527	.90951	1.0663	.99570	.09319	.0784	.08127	4.2405
#2	.08963	.90393	1.0614	.99360	.09667	.0779	.08200	4.1446
#3	.07799	.91238	1.0618	.99702	.09529	.0774	.08183	4.6033

Sample Name: ICSAB01 Acquired: 4/1/2019 13:00:11 Type: Unk
 Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	26.922
Stddev	.685
%RSD	2.5449

#1	27.197
#2	26.142
#3	27.428

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4274.5	49700.	6408.8	85.035	4026.4
Stddev	5.5	75.	19.7	1.238	2.1
%RSD	.12792	.15143	.30720	1.4564	.05148

#1	4271.2	49618.	6396.8	86.197	4028.4
#2	4271.5	49767.	6431.5	85.176	4026.5
#3	4280.8	49715.	6398.0	83.732	4024.3

Sample Name: CCV01 Acquired: 4/1/2019 13:04:35 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0261	5.0608	5.0037	4.9566	5.0037	10.054	10.010	.26204
Stddev	.0164	.0193	.0066	.0164	.0127	.022	.079	.00112
%RSD	.32688	.38163	.13183	.33175	.25454	.21787	.79244	.42596
#1	5.0445	5.0820	5.0070	4.9688	5.0017	10.046	9.9202	.26083
#2	5.0208	5.0560	5.0081	4.9630	5.0173	10.038	10.070	.26303
#3	5.0129	5.0443	4.9961	4.9379	4.9921	10.079	10.041	.26227
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4669	24.459	.99232	2.5049	1.2469	4.9833	2.4741	25.185
Stddev	.0053	.066	.00247	.0042	.0024	.0126	.0037	.099
%RSD	.21437	.27121	.24911	.16804	.19353	.25222	.14934	.39136
#1	2.4701	24.501	.99076	2.5096	1.2473	4.9759	2.4718	25.071
#2	2.4697	24.492	.99517	2.5033	1.2490	4.9978	2.4784	25.242
#3	2.4608	24.382	.99102	2.5017	1.2443	4.9761	2.4721	25.241
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4630	1.2552	25.082	2.4650	2.4833	24.199	5.0124	4.8333
Stddev	.0044	.0043	.102	.0045	.0060	.080	.0083	.0141
%RSD	.17726	.33844	.40496	.18094	.24014	.32857	.16658	.29103
#1	2.4658	1.2531	24.966	2.4600	2.4887	24.234	5.0181	4.8398
#2	2.4653	1.2601	25.125	2.4685	2.4844	24.109	5.0162	4.8172
#3	2.4580	1.2525	25.155	2.4664	2.4769	24.256	5.0028	4.8430
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8846	4.8298	4.9636	4.9256	4.8348	4.946	4.9644	F 3.5718
Stddev	.0325	.0174	.0124	.0042	.0164	.027	.0058	.2075
%RSD	.66547	.35977	.24891	.08618	.33973	.5392	.11666	5.8083
#1	4.9154	4.8344	4.9757	4.9300	4.8502	4.976	4.9711	3.3510
#2	4.8878	4.8443	4.9639	4.9252	4.8175	4.933	4.9617	3.6018
#3	4.8506	4.8105	4.9510	4.9216	4.8365	4.927	4.9605	3.7626

Sample Name: CCV01 Acquired: 4/1/2019 13:04:35 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.4097
Stddev .4349
%RSD 30.852

#1 1.6722
#2 .90766
#3 1.6492

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4508.6	51565.	6419.4	89.821	4450.4
Stddev	7.4	215.	44.9	1.357	9.7
%RSD	.16315	.41771	.69922	1.5112	.21684

#1	4502.4	51470.	6386.3	88.772	4440.8
#2	4506.8	51413.	6401.5	91.354	4450.2
#3	4516.7	51812.	6470.5	89.338	4460.1

Sample Name: LLCCV01 Acquired: 4/1/2019 13:08:42 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLCCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02112	.04312	.01137	.02060	.05529	.10821	.10735
Stddev	.00226	.00033	.00079	.00146	.00178	.00674	.00046
%RSD	10.681	.77421	6.9470	7.0723	3.2119	6.2295	.42866

#1	.02372	.04286	.01228	.02227	.05602	.10715	.10718
#2	.01971	.04350	.01092	.01994	.05327	.11541	.10787
#3	.01992	.04301	.01090	.01960	.05658	.10205	.10700

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00697	.00608	2.0604	.01126	.03038	.01802	.11472
Stddev	.00007	.00005	.0044	.00012	.00032	.00019	.00036
%RSD	.95458	.74598	.21495	1.0831	1.0472	1.0330	.31298

#1	.00699	.00604	2.0553	.01116	.03008	.01823	.11504
#2	.00690	.00607	2.0623	.01123	.03034	.01788	.11433
#3	.00703	.00613	2.0635	.01140	.03072	.01795	.11478

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02312	2.1828	.04059	.01158	2.0652	.04102	.03911
Stddev	.00017	.0110	.00026	.00006	.0140	.00041	.00021
%RSD	.73823	.50590	.63560	.53829	.67859	1.0015	.53151

#1	.02326	2.1703	.04077	.01151	2.0576	.04146	.03908
#2	.02293	2.1873	.04071	.01162	2.0814	.04097	.03891
#3	.02316	2.1910	.04029	.01161	2.0567	.04064	.03932

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9874	.21116	.10088	.01648	.39333	.04182	.03992
Stddev	.0430	.00058	.01073	.00291	.00236	.00049	.00020
%RSD	2.1650	.27471	10.636	17.638	.60031	1.1639	.49699

#1	1.9745	.21050	.10978	.01400	.39494	.04209	.03980
#2	2.0354	.21140	.08897	.01576	.39062	.04212	.04015
#3	1.9523	.21158	.10390	.01968	.39444	.04126	.03981

Sample Name: LLCCV01 Acquired: 4/1/2019 13:08:42 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLCCV01 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.02125	.0194	.02087	F 1.4072	F<.00000
Stddev	.00077	.0008	.00007	.3863	.72121
%RSD	3.6226	3.886	.35886	27.449	57.975

#1	.02202	.0200	.02084	1.4440	-.44997
#2	.02048	.0185	.02096	1.7737	-1.4236
#3	.02124	.0196	.02081	1.0038	-1.8584

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4646.7	52849.	6488.6	92.803	4893.1
Stddev	8.6	179.	24.5	2.329	2.9
%RSD	.18573	.33789	.37702	2.5094	.05997

#1	4653.8	52655.	6461.0	90.317	4896.1
#2	4649.2	53006.	6507.6	94.933	4890.2
#3	4637.1	52886.	6497.1	93.158	4893.0

Sample Name: CCB01 Acquired: 4/1/2019 13:13:24 Type: Unk
Method: P4-ICP2(v3010) 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	.00032	.00087	-.00220	-.00099	.00045	-.01330	-.00037
Stddev	.00160	.00074	.00098	.00144	.00069	.00469	.00052
%RSD	493.70	85.947	44.639	145.04	154.22	35.272	138.69

#1	.00016	.00011	-.00213	-.00093	-.00006	-.00810	-.00028
#2	.00200	.00160	-.00126	.00041	.00123	-.01459	.00009
#3	-.00119	.00088	-.00322	-.00247	.00017	-.01722	-.00093

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.00001	-.01105	.00010	.00012	-.00605	-.00063
Stddev	.00001	.00003	.00659	.00032	.00025	.00044	.00131
%RSD	24.273	235.50	59.657	316.31	219.49	7.2225	208.50

#1	.00008	-.00002	-.00387	-.00002	.00021	-.00574	-.00072
#2	.00005	.00003	-.01245	-.00014	-.00017	-.00586	-.00190
#3	.00006	.00004	-.01683	.00047	.00031	-.00655	.00073

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00040	.03290	-.00016	.00035	-.10705	-.00044	-.00185
Stddev	.00003	.03550	.00040	.00064	.00587	.00024	.00009
%RSD	6.6418	107.91	244.22	181.64	5.4789	55.206	4.6319

#1	-.00040	.04187	.00028	.00065	-.11382	-.00035	-.00175
#2	-.00038	.06306	-.00026	-.00038	-.10357	-.00072	-.00188
#3	-.00043	-.00622	-.00051	.00078	-.10376	-.00026	-.00192

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.10906	-.00006	-.00605	-.00310	-.00240	-.00240	.00101
Stddev	.00714	.00014	.00765	.00146	.00175	.00029	.00225
%RSD	6.5454	211.26	126.37	47.181	72.874	12.068	222.50

#1	-.11615	.00009	-.00369	-.00479	-.00431	-.00235	.00262
#2	-.10918	-.00010	-.01460	-.00218	-.00203	-.00270	.00197
#3	-.10187	-.00018	.00014	-.00233	-.00087	-.00213	-.00156

Sample Name: CCB01 Acquired: 4/1/2019 13:13:24 Type: Unk
Method: P4-ICP2(v3010) 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	-0.00508	.0013	-0.00023	F 1.4450	F<.00000
Stddev	.00052	.0013	.00006	.2013	.12494
%RSD	10.130	99.91	26.632	13.932	13.366

#1	-0.00491	.0027	-0.00018	1.2804	-.79391
#2	-0.00468	.0002	-0.00030	1.3852	-.97811
#3	-0.00566	.0009	-0.00022	1.6695	-1.0322

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4617.7	52649.	6375.3	92.011	4901.3
Stddev	6.6	220.	31.6	.770	3.0
%RSD	.14203	.41830	.49631	.83679	.06045

#1	4612.1	52642.	6354.5	91.125	4898.0
#2	4624.9	52433.	6359.8	92.517	4903.6
#3	4616.0	52873.	6411.7	92.392	4902.3

Sample Name: LR CHECK 2 Acquired: 4/1/2019 13:18:29 Type: Unk
Method: P4-ICP2(v3010) 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	.02038	-.01008	246.72	.01981	-.03913	-.26808	99.935	-.00115
Stddev	.00523	.00119	1.08	.00169	.00244	.00358	.860	.00009
%RSD	25.646	11.784	.43870	8.5368	6.2291	1.3336	.86088	7.5207

#1	.02506	-.00911	246.85	.02092	-.03795	-.27084	99.030	-.00106
#2	.02135	-.00971	247.74	.01786	-.04193	-.26937	100.03	-.00117
#3	.01474	-.01140	245.58	.02064	-.03751	-.26404	100.74	-.00122

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00721	.23492	-.12890	-.00477	274.58	-.99223	45.021	-.06430
Stddev	.00013	.01114	.00021	.00050	.24	.00155	.061	.04462
%RSD	1.8294	4.7437	.16134	10.479	.08733	.15621	.13654	69.392

#1	-.00708	.23740	-.12891	-.00433	274.38	-.99293	44.950	-.11321
#2	-.00734	.22275	-.12869	-.00468	274.85	-.99045	45.052	-.02580
#3	-.00720	.24461	-.12910	-.00531	274.52	-.99330	45.060	-.05390

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	54.765	.01878	.04041	-.07054	37.675	-.32738	.00375	-.00487
Stddev	.107	.00035	.00615	.00015	.157	.02651	.00031	.00668
%RSD	.19567	1.8748	15.220	.20889	.41774	8.0973	8.3229	137.29

#1	54.831	.01837	.04491	-.07049	37.837	-.30814	.00374	-.00512
#2	54.824	.01895	.03340	-.07070	37.665	-.35762	.00407	.00194
#3	54.642	.01901	.04291	-.07042	37.522	-.31639	.00345	-.01142

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01869	-.00683	.00112	.01596	-.01060	-3.429	.00687	3.2185
Stddev	.00245	.00050	.00085	.00145	.00189	.013	.00005	.1298
%RSD	13.102	7.3357	75.761	9.0964	17.800	.3789	.74738	4.0334

#1	-.01933	-.00741	.00151	.01667	-.01053	-3.438	.00691	3.2793
#2	-.01598	-.00653	.00015	.01693	-.01252	-3.435	.00688	3.3069
#3	-.02075	-.00655	.00170	.01429	-.00875	-3.414	.00681	3.0695

Sample Name: LR CHECK 2 Acquired: 4/1/2019 13:18:29 Type: Unk
 Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .48211
 %RSD 112.56

#1 .00180
 #2 -.33731
 #3 -.94944

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4406.5	53956.	6564.1	92.322	4533.1
Stddev	10.2	71.	13.8	1.219	7.4
%RSD	.23086	.13160	.21005	1.3200	.16299

#1	4418.2	53963.	6561.0	92.967	4538.7
#2	4399.8	53881.	6552.1	90.917	4524.7
#3	4401.5	54023.	6579.2	93.083	4535.9

Sample Name: LR CHECK 1 Acquired: 4/1/2019 13:23:36 Type: Unk
Method: P4-ICP2(v3010) 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	-.01434	.01567	-.07734	-.02894	.05520	1928.3	.00754	.00892
Stddev	.00121	.00255	.00658	.00608	.00821	7.6	.00022	.00012
%RSD	8.4226	16.266	8.5141	20.991	14.870	.39215	2.8889	1.3297
#1	-.01420	.01418	-.07194	-.03138	.05401	1932.9	.00778	.00905
#2	-.01320	.01861	-.07541	-.02203	.06394	1919.6	.00750	.00882
#3	-.01560	.01422	-.08468	-.03343	.04766	1932.5	.00735	.00889
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02295	1828.1	-.08187	.04736	.18388	854.54	.00188	1703.4
Stddev	.00054	18.1	.00066	.00041	.00191	4.11	.00037	14.8
%RSD	2.3432	.98935	.80690	.87416	1.0380	.48102	19.582	.86904
#1	.02343	1844.0	-.08238	.04744	.18439	851.30	.00149	1691.2
#2	.02307	1832.0	-.08211	.04772	.18548	853.16	.00193	1699.1
#3	.02237	1808.4	-.08112	.04691	.18177	859.16	.00222	1719.9
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01548	-.08254	1627.2	.00716	.01611	1070.2	-.00019	-.72448
Stddev	.00108	.00033	34.5	.00022	.00201	4.1	.00026	.01734
%RSD	7.0073	.39410	2.1200	3.0802	12.447	.38026	137.32	2.3941
#1	.01659	-.08260	1663.7	.00712	.01793	1070.4	.00011	-.70894
#2	.01542	-.08282	1622.8	.00740	.01643	1074.1	-.00032	-.72131
#3	.01442	-.08218	1595.1	.00697	.01396	1066.0	-.00037	-.74319
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.34534	-.01852	.06511	-.08284	.09238	.0267	-.92398	3.8122
Stddev	.00898	.00045	.00268	.00087	.00161	.0035	.00452	.1886
%RSD	2.5991	2.4452	4.1108	1.0452	1.7420	13.01	.48880	4.9476
#1	.34269	-.01829	.06790	-.08379	.09073	.0230	-.92046	3.9907
#2	.35535	-.01822	.06488	-.08209	.09247	.0271	-.92241	3.8309
#3	.33799	-.01904	.06256	-.08264	.09394	.0299	-.92907	3.6149

Sample Name: LR CHECK 1 Acquired: 4/1/2019 13:23:36 Type: Unk
 Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

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

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

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3241.3	38569.	5520.8	64.648	2532.8
Stddev	12.9	68.	74.1	.569	8.4
%RSD	.39928	.17650	1.3429	.87989	.33240

#1	3229.6	38558.	5460.8	64.062	2529.0
#2	3255.2	38642.	5498.0	65.198	2542.4
#3	3239.2	38507.	5603.7	64.683	2526.9

Sample Name: K1689-05 Acquired: 4/1/2019 13:29:46 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NB-08-032919 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03867	.00808	.45965	.02432	.01030	127.63	2.3451	.01658
Stddev	.00260	.00065	.00162	.00217	.00216	.58	.0118	.00029
%RSD	6.7234	8.0324	.35190	8.9230	20.937	.45833	.50512	1.7496
#1	.03574	.00808	.46111	.02217	.01279	126.97	2.3331	.01634
#2	.04070	.00743	.45993	.02428	.00897	127.83	2.3453	.01650
#3	.03957	.00872	.45791	.02651	.00915	128.09	2.3568	.01690
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00838	123.02	.48134	.17773	.71639	340.27	10.069	76.102
Stddev	.00011	.71	.00106	.00041	.00239	.88	.036	.328
%RSD	1.3422	.57443	.22012	.23045	.33366	.25755	.35293	.43113
#1	.00838	123.16	.48035	.17742	.71780	341.06	10.086	75.768
#2	.00848	123.64	.48122	.17820	.71774	340.42	10.028	76.424
#3	.00826	122.25	.48245	.17758	.71363	339.32	10.092	76.115
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.29392	-.03305	26.811	.62491	1.2526	17.667	.00820	.17332
Stddev	.00083	.00127	.036	.00426	.0037	.086	.00022	.02045
%RSD	.28233	3.8297	.13467	.68182	.29196	.48953	2.7072	11.797
#1	.29435	-.03430	26.769	.62947	1.2566	17.690	.00814	.17292
#2	.29297	-.03177	26.835	.62103	1.2515	17.572	.00844	.19397
#3	.29446	-.03309	26.829	.62423	1.2496	17.740	.00801	.15308
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.5597	3.4305	.02907	4.6523	.19809	F 10.04	.21747	<.00000
Stddev	.0101	.0598	.00157	.0123	.00055	.02	.00238	.21763
%RSD	.11780	1.7421	5.3903	.26513	.27895	.1681	1.0934	4.4272
#1	8.5488	3.4949	.03056	4.6534	.19866	10.05	.21761	-5.0066
#2	8.5616	3.4198	.02921	4.6641	.19755	10.05	.21977	-4.6674
#3	8.5687	3.3768	.02744	4.6395	.19806	10.02	.21502	-5.0732

Sample Name: K1689-05 Acquired: 4/1/2019 13:29:46 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NB-08-032919 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 116.29
Stddev	1.91
%RSD	1.6390

#1	117.82
#2	114.16
#3	116.89

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4784.4	56301.	7232.6	84.749	3958.8
Stddev	10.8	34.	66.8	1.393	10.8
%RSD	.22624	.06126	.92395	1.6435	.27274

#1	4773.4	56335.	7190.7	83.183	3946.9
#2	4784.8	56266.	7197.4	85.215	3961.7
#3	4795.0	56301.	7309.7	85.850	3968.0

Sample Name: K1692-05 Acquired: 4/1/2019 13:34:17 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OK-03-032919 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02936	.00597	.22707	.03125	.00276	125.60	.49685	.00787
Stddev	.00097	.00303	.00235	.00321	.00142	.41	.00202	.00006
%RSD	3.3148	50.728	1.0361	10.262	51.602	.32956	.40658	.78761
#1	.03042	.00504	.22768	.03268	.00113	125.26	.49458	.00792
#2	.02913	.00352	.22448	.02758	.00340	126.06	.49845	.00780
#3	.02851	.00936	.22906	.03349	.00374	125.47	.49751	.00788
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00108	76.935	.16551	.12094	.34514	200.36	3.6231	66.394
Stddev	.00018	.501	.00054	.00022	.00214	2.01	.0135	.247
%RSD	17.096	.65148	.32787	.18163	.62056	1.0025	.37279	.37243
#1	.00125	76.375	.16598	.12069	.34736	198.04	3.6095	66.109
#2	.00109	77.342	.16563	.12100	.34499	201.49	3.6365	66.548
#3	.00088	77.089	.16492	.12112	.34308	201.55	3.6233	66.526
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23884	-.01358	10.533	.36508	.64046	18.595	.00587	-.07532
Stddev	.00043	.00032	.013	.00078	.00072	.052	.00029	.00839
%RSD	.17883	2.3801	.12313	.21456	.11205	.27750	4.9122	11.143
#1	.23917	-.01383	10.519	.36572	.64129	18.592	.00555	-.08242
#2	.23899	-.01321	10.543	.36532	.63999	18.648	.00595	-.06606
#3	.23835	-.01368	10.539	.36421	.64011	18.544	.00611	-.07747
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 20.151	2.8453	.00795	5.0040	.16232	7.748	-.06001	<.00000
Stddev	.071	.0400	.00014	.0251	.00187	.025	.00187	.56969
%RSD	.35035	1.4072	1.7595	.50138	1.1529	.3161	3.1164	19.341
#1	20.097	2.8218	.00799	4.9750	.16164	7.727	-.05787	-3.5511
#2	20.126	2.8226	.00779	5.0175	.16088	7.742	-.06081	-2.8652
#3	20.231	2.8916	.00806	5.0195	.16443	7.774	-.06134	-2.4202

Sample Name: K1692-05 Acquired: 4/1/2019 13:34:17 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OK-03-032919 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	65.238
Stddev	.370
%RSD	.56661

#1	65.223
#2	64.876
#3	65.615

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4975.3	57987.	7319.2	83.802	4106.4
Stddev	12.3	185.	37.8	.366	10.6
%RSD	.24731	.31823	.51683	.43625	.25735

#1	4962.4	58196.	7362.9	84.172	4095.1
#2	4976.4	57845.	7297.7	83.442	4116.1
#3	4987.0	57921.	7297.1	83.791	4108.0

Sample Name: K2171-01 Acquired: 4/1/2019 13:38:40 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: GW-COMP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06173	.00834	.23433	.03119	.00566	79.265	.29823	.00640
Stddev	.00094	.00098	.00222	.00265	.00089	.478	.00228	.00010
%RSD	1.5274	11.742	.94827	8.4957	15.652	.60308	.76530	1.5291

#1	.06258	.00846	.23681	.03423	.00523	79.345	.29849	.00636
#2	.06189	.00731	.23251	.02940	.00668	78.752	.29583	.00651
#3	.06071	.00925	.23368	.02993	.00507	79.698	.30038	.00633

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00322	6.0886	.17852	.02949	.07511	159.64	.82084	7.5039
Stddev	.00009	.0300	.00039	.00014	.00069	.43	.00220	.0260
%RSD	2.6861	.49310	.21757	.48899	.91233	.27026	.26838	.34687

#1	-.00312	6.1008	.17896	.02965	.07588	159.90	.81925	7.5210
#2	-.00324	6.1106	.17832	.02947	.07458	159.14	.82335	7.4740
#3	-.00329	6.0544	.17826	.02936	.07487	159.87	.81991	7.5168

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05810	-.00900	13.139	.23434	.46313	7.6806	.00362	-.03166
Stddev	.00018	.00016	.102	.00109	.00090	.0538	.00013	.00558
%RSD	.31806	1.8170	.77791	.46625	.19369	.70094	3.7145	17.612

#1	.05824	-.00901	13.160	.23326	.46404	7.7099	.00347	-.02626
#2	.05790	-.00884	13.028	.23432	.46225	7.6184	.00372	-.03740
#3	.05817	-.00916	13.229	.23544	.46312	7.7133	.00367	-.03133

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1041	3.3579	.01183	.60750	.03531	4.890	-.11200	.58587
Stddev	.0017	.0363	.00035	.01007	.00135	.010	.00041	.30770
%RSD	.15115	1.0817	2.9592	1.6571	3.8332	.2077	.36917	52.520

#1	1.1049	3.3992	.01194	.59827	.03385	4.882	-.11224	.63950
#2	1.1022	3.3307	.01144	.61823	.03554	4.886	-.11153	.25488
#3	1.1053	3.3439	.01212	.60599	.03653	4.901	-.11224	.86323

Sample Name: K2171-01 Acquired: 4/1/2019 13:38:40 Type: Unk
 Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: GW-COMP Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 44.947
 Stddev .647
 %RSD 1.4403

#1 44.329
 #2 45.621
 #3 44.893

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4614.0	53181.	6628.6	87.013	4419.3
Stddev	13.2	148.	61.6	.279	12.2
%RSD	.28715	.27797	.92956	.32071	.27509

#1	4599.3	53046.	6602.7	87.247	4407.8
#2	4625.0	53339.	6584.2	87.087	4432.0
#3	4617.7	53157.	6698.9	86.704	4418.2

Sample Name: K2174-01 Acquired: 4/1/2019 13:43:01 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RBR200030 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05018	.00832	.15580	.02437	.00420	192.35	.58475	.00690
Stddev	.00185	.00013	.00098	.00250	.00189	.08	.00130	.00012
%RSD	3.6780	1.6090	.62667	10.269	44.870	.04166	.22255	1.7016

#1	.05231	.00818	.15631	.02547	.00350	192.43	.58626	.00695
#2	.04910	.00835	.15641	.02150	.00277	192.27	.58396	.00698
#3	.04912	.00844	.15467	.02613	.00634	192.36	.58405	.00676

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00298	3.4623	.20674	.03458	.11671	156.56	.62118	12.509
Stddev	.00014	.0286	.00087	.00049	.00033	.41	.00100	.044
%RSD	4.6034	.82645	.42257	1.4125	.27879	.26161	.16094	.35463

#1	-.00306	3.4942	.20627	.03423	.11685	156.37	.62083	12.481
#2	-.00305	3.4389	.20775	.03514	.11694	157.03	.62231	12.486
#3	-.00282	3.4537	.20620	.03437	.11633	156.29	.62041	12.560

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09770	-.00902	6.2453	.32368	.46214	5.3761	.00294	-.06043
Stddev	.00038	.00073	.0187	.00111	.00113	.0261	.00032	.00938
%RSD	.39338	8.0450	.30008	.34418	.24448	.48561	10.867	15.520

#1	.09782	-.00974	6.2650	.32393	.46278	5.3626	.00282	-.06835
#2	.09802	-.00829	6.2278	.32465	.46281	5.3595	.00269	-.05007
#3	.09727	-.00903	6.2430	.32247	.46084	5.4062	.00330	-.06288

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0106	6.2444	.00852	.92702	.09134	2.423	-.12849	<.00000
Stddev	.0097	.1978	.00079	.00938	.00089	.009	.00052	.25249
%RSD	.48177	3.1680	9.3224	1.0124	.97361	.3812	.40829	72.254

#1	2.0129	6.4623	.00790	.93258	.09206	2.416	-.12806	-.09939
#2	2.0189	6.1946	.00941	.93230	.09161	2.433	-.12907	-.60431
#3	1.9999	6.0762	.00823	.91618	.09035	2.418	-.12833	-.34465

Sample Name: K2174-01 Acquired: 4/1/2019 13:43:01 Type: Unk
 Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RBR200030 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	46.255
Stddev	.175
%RSD	.37807

#1	46.168
#2	46.457
#3	46.141

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4743.7	54373.	6984.6	86.730	4380.0
Stddev	9.7	119.	72.9	1.770	13.9
%RSD	.20454	.21962	1.0433	2.0404	.31752

#1	4750.5	54271.	6904.4	85.804	4373.0
#2	4732.5	54343.	7002.4	85.616	4370.9
#3	4747.9	54504.	7046.9	88.771	4396.0

Sample Name: K2179-03 Acquired: 4/1/2019 13:47:31 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-4S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02317	.00484	.04772	.02737	.00516	148.50	.52328	.00869
Stddev	.00330	.00069	.00155	.00388	.00131	.45	.00105	.00011
%RSD	14.225	14.272	3.2535	14.175	25.451	.30352	.20128	1.2856
#1	.02694	.00559	.04795	.02339	.00627	148.95	.52365	.00858
#2	.02173	.00470	.04914	.02759	.00371	148.51	.52411	.00880
#3	.02084	.00423	.04606	.03114	.00550	148.05	.52210	.00869
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00152	10.385	.17533	.10552	.16141	193.45	5.6604	26.852
Stddev	.00015	.073	.00126	.00006	.00087	.62	.0149	.144
%RSD	10.051	.70295	.71826	.05623	.54176	.31861	.26233	.53748
#1	-.00160	10.469	.17481	.10546	.16206	192.77	5.6437	26.734
#2	-.00161	10.350	.17441	.10553	.16175	193.98	5.6722	27.013
#3	-.00134	10.336	.17677	.10558	.16042	193.59	5.6652	26.810
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17754	-.01094	7.3032	.27300	.39276	9.0401	.00213	-.07240
Stddev	.00076	.00045	.0363	.00219	.00042	.0570	.00018	.00550
%RSD	.42527	4.1230	.49658	.80244	.10593	.63082	8.6211	7.5969
#1	.17672	-.01062	7.3405	.27227	.39322	9.0804	.00229	-.07504
#2	.17820	-.01074	7.3011	.27126	.39242	9.0650	.00216	-.07609
#3	.17770	-.01145	7.2680	.27546	.39264	8.9748	.00193	-.06608
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23651	F 13.743	.00981	3.0613	.09008	4.883	-.11644	<.00000
Stddev	.00462	.037	.00037	.0198	.00110	.008	.00085	.53904
%RSD	1.9523	.26955	3.8198	.64611	1.2173	.1569	.72800	14.755
#1	.24173	13.785	.01006	3.0697	.09056	4.890	-.11567	-3.0793
#2	.23480	13.715	.00938	3.0755	.08882	4.875	-.11735	-3.7319
#3	.23298	13.729	.00999	3.0387	.09085	4.884	-.11631	-4.1488

Sample Name: K2179-03 Acquired: 4/1/2019 13:47:31 Type: Unk
 Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-4S Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	60.423
Stddev	.356
%RSD	.58907

#1	60.225
#2	60.834
#3	60.210

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5008.4	57986.	7363.1	87.520	4307.1
Stddev	9.7	68.	38.5	1.163	2.2
%RSD	.19434	.11670	.52313	1.3293	.05126

#1	5002.7	57911.	7320.0	87.953	4308.2
#2	5019.6	58004.	7394.2	88.405	4308.6
#3	5002.8	58043.	7375.0	86.202	4304.6

Sample Name: K2179-07 Acquired: 4/1/2019 13:52:09 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-4D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02068	.00430	.02480	.02462	.00349	94.122	.55998	.00711
Stddev	.00058	.00180	.00113	.00082	.00076	.500	.00401	.00016
%RSD	2.7886	41.945	4.5541	3.3345	21.735	.53110	.71628	2.2174

#1	.02005	.00485	.02355	.02371	.00274	93.545	.55535	.00693
#2	.02082	.00228	.02575	.02486	.00425	94.411	.56214	.00722
#3	.02118	.00576	.02511	.02530	.00347	94.411	.56244	.00719

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00197	13.766	.12144	.08373	.13585	164.09	3.9366	22.514
Stddev	.00013	.046	.00095	.00014	.00008	.72	.0012	.171
%RSD	6.4626	.33523	.78013	.16157	.05794	.44134	.03123	.76120

#1	-.00194	13.816	.12035	.08357	.13588	163.74	3.9354	22.359
#2	-.00211	13.725	.12189	.08382	.13590	164.93	3.9378	22.484
#3	-.00186	13.757	.12208	.08378	.13576	163.61	3.9364	22.698

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13090	-.00884	7.3961	.24921	.38631	8.1558	.00039	-.05968
Stddev	.00015	.00028	.0212	.00112	.00093	.0733	.00012	.00329
%RSD	.11426	3.1406	.28634	.44840	.24195	.89909	31.345	5.5170

#1	.13074	-.00858	7.3720	.24800	.38710	8.0781	.00054	-.06254
#2	.13104	-.00913	7.4116	.25020	.38528	8.1654	.00031	-.05608
#3	.13093	-.00880	7.4047	.24944	.38656	8.2238	.00033	-.06043

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20305	F 11.271	.00607	3.2303	.06343	5.258	-.09735	<.00000
Stddev	.00375	.316	.00058	.0186	.00175	.023	.00045	.20574
%RSD	1.8467	2.8006	9.5026	.57416	2.7567	.4359	.46366	7.9783

#1	.19895	11.533	.00649	3.2425	.06233	5.265	-.09720	-2.5123
#2	.20630	11.361	.00632	3.2395	.06545	5.233	-.09786	-2.8095
#3	.20391	10.920	.00541	3.2090	.06252	5.277	-.09699	-2.4144

Sample Name: K2179-07 Acquired: 4/1/2019 13:52:09 Type: Unk
 Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-4D Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	50.711
Stddev	.507
%RSD	.99923

#1	51.125
#2	50.861
#3	50.146

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5033.5	58377.	7355.2	88.663	4425.6
Stddev	14.0	100.	52.6	2.776	6.3
%RSD	.27809	.17172	.71447	3.1313	.14228

#1	5020.2	58484.	7295.2	87.512	4419.7
#2	5048.1	58361.	7377.4	91.830	4432.2
#3	5032.3	58285.	7393.0	86.647	4425.0

Sample Name: K2179-11 Acquired: 4/1/2019 13:56:36 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-8S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01425	.00330	.04287	.02233	.00206	71.221	.45679	.00521
Stddev	.00191	.00068	.00194	.00227	.00065	.366	.00218	.00005
%RSD	13.367	20.516	4.5309	10.162	31.325	.51441	.47648	.90230

#1	.01560	.00366	.04082	.02075	.00277	70.938	.45678	.00524
#2	.01207	.00372	.04310	.02493	.00151	71.635	.45898	.00523
#3	.01509	.00252	.04468	.02131	.00190	71.091	.45462	.00516

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00225	12.108	.08563	.06892	.10208	134.22	4.4055	19.653
Stddev	.00016	.076	.00023	.00019	.00025	.98	.0049	.117
%RSD	7.1751	.63047	.26805	.26890	.24835	.73096	.11181	.59577

#1	-.00243	12.027	.08574	.06880	.10206	135.19	4.4039	19.654
#2	-.00219	12.179	.08537	.06882	.10183	134.25	4.4110	19.770
#3	-.00213	12.118	.08578	.06913	.10234	133.23	4.4016	19.536

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09713	-.00616	3.6937	.15554	.30156	7.6369	.00143	-.03784
Stddev	.00022	.00023	.0063	.00040	.00143	.0591	.00014	.00320
%RSD	.22669	3.6974	.17028	.25984	.47547	.77362	9.8953	8.4524

#1	.09734	-.00591	3.6998	.15512	.29995	7.6587	.00155	-.04145
#2	.09690	-.00636	3.6941	.15593	.30202	7.6821	.00127	-.03535
#3	.09713	-.00621	3.6872	.15556	.30271	7.5701	.00146	-.03672

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51794	6.7219	.00422	2.4989	.04457	4.025	-.09524	<.00000
Stddev	.00394	.1777	.00028	.0215	.00172	.009	.00124	.30540
%RSD	.76004	2.6428	6.7465	.85968	3.8556	.2209	1.2999	28.073

#1	.52197	6.7259	.00437	2.4829	.04547	4.024	-.09650	-1.4068
#2	.51775	6.5424	.00389	2.5233	.04565	4.034	-.09519	-.79813
#3	.51410	6.8976	.00439	2.4905	.04259	4.016	-.09402	-1.0586

Sample Name: K2179-11 Acquired: 4/1/2019 13:56:36 Type: Unk
 Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-8S Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	38.794
Stddev	.397
%RSD	1.0235

#1	38.362
#2	38.876
#3	39.143

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4852.6	56153.	7079.1	88.971	4412.9
Stddev	4.5	153.	23.0	2.281	4.7
%RSD	.09339	.27249	.32528	2.5634	.10624

#1	4857.2	56179.	7097.8	91.465	4417.7
#2	4848.2	55989.	7053.4	88.456	4412.7
#3	4852.3	56292.	7086.0	86.992	4408.4

Sample Name: K2179-15 Acquired: 4/1/2019 14:01:09 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-8D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02302	.00328	.02757	.02653	.00356	72.655	.78648	.00857
Stddev	.00296	.00112	.00117	.00158	.00087	.470	.00473	.00016
%RSD	12.860	34.207	4.2565	5.9437	24.338	.64665	.60157	1.8627

#1	.01960	.00457	.02829	.02500	.00450	73.037	.79035	.00859
#2	.02467	.00252	.02621	.02815	.00340	72.797	.78787	.00839
#3	.02478	.00275	.02820	.02644	.00279	72.130	.78120	.00871

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00055	16.224	.08134	.08601	.16138	170.85	9.8918	23.421
Stddev	.00008	.059	.00021	.00028	.00008	1.48	.0419	.192
%RSD	13.666	.36607	.26287	.32152	.04683	.86759	.42331	.81876

#1	-.00054	16.162	.08111	.08581	.16136	169.93	9.8745	23.608
#2	-.00063	16.280	.08154	.08633	.16132	172.56	9.9396	23.429
#3	-.00049	16.230	.08136	.08589	.16147	170.07	9.8614	23.225

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12834	-.00992	3.2525	.18987	.38611	6.9813	.00027	-.06347
Stddev	.00036	.00064	.0381	.00093	.00078	.1044	.00014	.01192
%RSD	.28243	6.4050	1.1717	.48875	.20267	1.4957	53.545	18.774

#1	.12862	-.01046	3.2958	.18880	.38521	7.0783	.00038	-.07608
#2	.12793	-.00922	3.2378	.19031	.38647	6.9948	.00011	-.05240
#3	.12848	-.01007	3.2239	.19049	.38665	6.8708	.00032	-.06193

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.38553	7.5269	.00372	1.9494	.06248	6.736	-.11848	<.00000
Stddev	.00514	.1008	.00065	.0181	.00020	.029	.00172	.48482
%RSD	1.3322	1.3389	17.594	.93131	.31737	.4362	1.4491	9.3397

#1	.37960	7.4567	.00389	1.9475	.06239	6.724	-.11729	-5.6897
#2	.38849	7.6424	.00299	1.9322	.06270	6.770	-.12045	-5.1618
#3	.38849	7.4816	.00427	1.9684	.06234	6.715	-.11770	-4.7214

Sample Name: K2179-15 Acquired: 4/1/2019 14:01:09 Type: Unk
 Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-8D Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 54.731
 Stddev .850
 %RSD 1.5535

#1 54.481
 #2 54.033
 #3 55.678

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5207.8	60135.	7601.4	87.565	4378.0
Stddev	7.4	115.	31.3	2.556	11.6
%RSD	.14215	.19183	.41125	2.9189	.26523

#1	5204.8	60023.	7635.5	89.925	4374.0
#2	5202.3	60130.	7594.6	87.921	4369.0
#3	5216.2	60253.	7574.0	84.850	4391.1

Sample Name: CCV02 Acquired: 4/1/2019 14:05:39 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14787 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2976	5.3367	5.2961	5.1839	5.2764	10.824	10.448	.27263
Stddev	.0152	.0149	.0106	.0125	.0050	.087	.070	.00062
%RSD	.28729	.27973	.20069	.24150	.09477	.80729	.67477	.22855
#1	5.2801	5.3231	5.3070	5.1728	5.2771	10.732	10.377	.27330
#2	5.3052	5.3527	5.2954	5.1974	5.2810	10.835	10.450	.27253
#3	5.3075	5.3343	5.2858	5.1814	5.2710	10.906	10.518	.27207
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5545	24.933	1.0242	2.6599	1.3249	5.0825	2.5547	26.668
Stddev	.0020	.009	.0030	.0026	.0010	.0084	.0103	.289
%RSD	.07992	.03652	.29532	.09603	.07694	.16599	.40242	1.0844
#1	2.5568	24.926	1.0214	2.6584	1.3240	5.0756	2.5470	26.337
#2	2.5528	24.930	1.0237	2.6628	1.3260	5.0919	2.5508	26.801
#3	2.5540	24.944	1.0274	2.6584	1.3248	5.0800	2.5664	26.867
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5784	1.3139	26.013	2.5578	2.6362	24.605	5.2728	5.0265
Stddev	.0013	.0019	.105	.0051	.0007	.110	.0043	.0423
%RSD	.05072	.14549	.40445	.19822	.02556	.44526	.08113	.84132
#1	2.5775	1.3146	25.939	2.5520	2.6370	24.494	5.2693	4.9791
#2	2.5799	1.3117	25.966	2.5615	2.6358	24.608	5.2776	5.0402
#3	2.5778	1.3154	26.133	2.5600	2.6358	24.713	5.2716	5.0603
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0335	4.9418	5.1606	5.1140	5.0151	5.174	5.0894	F 3.8350
Stddev	.0298	.0251	.0099	.0135	.0129	.022	.0217	.2037
%RSD	.59254	.50899	.19185	.26300	.25666	.4310	.42716	5.3129
#1	4.9997	4.9705	5.1492	5.1114	5.0299	5.148	5.1139	3.9153
#2	5.0560	4.9313	5.1653	5.1285	5.0093	5.190	5.0724	3.9864
#3	5.0448	4.9236	5.1673	5.1020	5.0062	5.183	5.0819	3.6034

Sample Name: CCV02 Acquired: 4/1/2019 14:05:39 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14787 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 1.7247
Stddev	.2778
%RSD	16.107

#1	1.4615
#2	2.0151
#3	1.6976

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4313.2	49708.	6251.6	87.856	4244.9
Stddev	9.1	60.	39.6	.615	8.6
%RSD	.21114	.12116	.63305	.69976	.20276

#1	4307.7	49758.	6207.5	88.255	4241.0
#2	4308.1	49726.	6263.2	88.164	4238.9
#3	4323.7	49641.	6284.1	87.148	4254.7

Sample Name: CCB02 Acquired: 4/1/2019 14:09:46 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14787 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00052	.00190	-.00281	.00123	.00034	.00925	-.00093
Stddev	.00160	.00031	.00037	.00262	.00077	.00656	.00040
%RSD	307.87	16.467	13.116	213.61	229.20	70.943	43.035

#1	-.00130	.00220	-.00319	-.00170	-.00055	.00881	-.00138
#2	.00173	.00193	-.00279	.00203	.00074	.01602	-.00078
#3	.00113	.00158	-.00245	.00335	.00081	.00292	-.00062

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.00009	-.02761	.00010	.00021	-.00327	.00178
Stddev	.00006	.00004	.00935	.00023	.00013	.00040	.00077
%RSD	179.49	44.525	33.864	223.08	60.070	12.211	43.013

#1	.00009	-.00011	-.02002	-.00014	.00008	-.00283	.00196
#2	-.00002	-.00012	-.02476	.00013	.00023	-.00360	.00094
#3	.00003	-.00005	-.03806	.00031	.00033	-.00340	.00244

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00015	.06598	-.00058	.00104	.00974	-.00026	.00067
Stddev	.00002	.02676	.00018	.00053	.00329	.00051	.00031
%RSD	11.255	40.557	30.862	50.771	33.774	194.95	45.687

#1	-.00016	.05746	-.00040	.00154	.01238	-.00025	.00092
#2	-.00013	.09595	-.00076	.00049	.00606	-.00078	.00075
#3	-.00016	.04451	-.00059	.00109	.01078	.00024	.00033

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.09123	.00017	-.00291	-.00568	-.00011	-.00273	-.00062
Stddev	.03352	.00028	.01457	.00223	.00248	.00072	.00016
%RSD	36.741	166.34	501.10	39.373	2232.6	26.250	26.184

#1	-.05559	.00048	.01235	-.00415	-.00051	-.00287	-.00080
#2	-.09598	.00008	-.01667	-.00824	.00254	-.00336	-.00047
#3	-.12213	-.00006	-.00440	-.00464	-.00237	-.00195	-.00060

Sample Name: CCB02 Acquired: 4/1/2019 14:09:46 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14787 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00545	.0002	-0.00025	F 1.1421	F<.00000
Stddev	.00028	.0005	.00006	.5371	.48684
%RSD	5.2240	279.7	23.833	47.031	57.211

#1	-0.00578	-0.0000	-0.00028	.80742	-.36040
#2	-0.00527	.0008	-0.00030	.85717	-1.3340
#3	-0.00530	-0.0002	-0.00019	1.7616	-.85847

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4605.8	52728.	6488.9	92.481	4875.5
Stddev	6.9	36.	63.3	1.972	7.4
%RSD	.15070	.06765	.97585	2.1324	.15243

#1	4603.9	52769.	6420.5	91.117	4868.1
#2	4600.1	52714.	6500.5	94.742	4875.3
#3	4613.6	52702.	6545.6	91.583	4883.0

Sample Name: PB118454BL Acquired: 4/1/2019 14:14:15 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB118454BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00061	.00082	-.00304	-.00044	.00023	.01706	-.00078
Stddev	.00059	.00071	.00041	.00287	.00150	.00513	.00062
%RSD	96.438	86.768	13.324	653.92	643.81	30.039	79.851

#1	.00124	.00111	-.00284	-.00087	.00176	.01884	-.00016
#2	.00055	.00135	-.00278	-.00306	-.00124	.01128	-.00077
#3	.00006	.00001	-.00351	.00262	.00018	.02106	-.00140

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.00014	-.03296	.00018	.00007	-.00333	.00111
Stddev	.00007	.00002	.01453	.00027	.00022	.00010	.00016
%RSD	1478.1	13.286	44.084	153.68	329.33	3.0528	14.050

#1	-.00009	-.00014	-.04736	-.00001	.00032	-.00343	.00129
#2	.00005	-.00013	-.03321	.00006	-.00004	-.00335	.00106
#3	.00003	-.00016	-.01830	.00049	-.00008	-.00322	.00099

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00020	.01011	-.00059	.00076	-.02320	-.00030	-.00012
Stddev	.00005	.04531	.00029	.00056	.00593	.00056	.00004
%RSD	27.009	448.37	49.996	73.187	25.563	185.39	36.576

#1	-.00026	-.04220	-.00088	.00080	-.01643	-.00076	-.00007
#2	-.00015	.03742	-.00029	.00129	-.02747	-.00046	-.00013
#3	-.00020	.03510	-.00059	.00018	-.02570	.00032	-.00015

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.14585	-.00006	-.00921	-.00658	.00090	-.00390	-.00111
Stddev	.02242	.00012	.00359	.00108	.00059	.00055	.00066
%RSD	15.370	186.03	38.949	16.403	65.135	13.990	59.408

#1	-.12646	-.00010	-.00769	-.00642	.00063	-.00449	-.00065
#2	-.14070	-.00016	-.01331	-.00772	.00157	-.00381	-.00082
#3	-.17040	.00007	-.00664	-.00558	.00050	-.00341	-.00187

Sample Name: PB118454BL Acquired: 4/1/2019 14:14:15 Type: Unk
 Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB118454BL Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00624	.0008	-.00034	F .03469	F<.00000
Stddev	.00155	.0016	.00006	.33977	.20769
%RSD	24.864	186.0	17.790	979.40	20.290

#1	-.00565	.0001	-.00034	.37229	-.85095
#2	-.00800	-.0002	-.00041	-.30721	-.96580
#3	-.00507	.0026	-.00029	.03900	-1.2541

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4633.9	53620.	6590.8	91.311	4879.7
Stddev	9.9	85.	53.8	.910	6.9
%RSD	.21296	.15868	.81564	.99666	.14231

#1	4622.9	53585.	6528.7	90.467	4876.0
#2	4636.6	53557.	6621.6	92.275	4887.7
#3	4642.1	53716.	6622.1	91.192	4875.4

Sample Name: PB118454BS Acquired: 4/1/2019 14:18:44 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB118454BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.82108	2.1485	1.0476	2.0734	.84034	2.1581	.20824
Stddev	.00741	.0050	.0020	.0027	.00244	.0138	.00052
%RSD	.90286	.23300	.18849	.12886	.29034	.64147	.24828

#1	.81407	2.1483	1.0462	2.0715	.84249	2.1428	.20794
#2	.82884	2.1536	1.0499	2.0765	.84083	2.1618	.20795
#3	.82035	2.1435	1.0467	2.0724	.83769	2.1698	.20884

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22104	.20021	1.0087	.42244	.21341	.34276	3.1784
Stddev	.00058	.00039	.0103	.00038	.00060	.00151	.0080
%RSD	.26090	.19312	1.0218	.09027	.28301	.44196	.25202

#1	.22097	.20009	1.0039	.42262	.21400	.34307	3.1692
#2	.22164	.20064	1.0017	.42200	.21343	.34409	3.1820
#3	.22050	.19990	1.0205	.42270	.21279	.34111	3.1840

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21437	2.1920	.51942	.07858	3.1813	.31360	.21040
Stddev	.00013	.0333	.00045	.00027	.0168	.00117	.00082
%RSD	.06181	1.5191	.08668	.34314	.52709	.37255	.39143

#1	.21440	2.1857	.51895	.07836	3.1629	.31324	.21110
#2	.21448	2.1624	.51985	.07850	3.1957	.31490	.21062
#3	.21422	2.2281	.51944	.07888	3.1853	.31265	.20949

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.9016	.41244	.27760	9.2119	.88188	.68948	.19502
Stddev	.0580	.00128	.00702	.0338	.00273	.00060	.00252
%RSD	.58593	.31096	2.5285	.36634	.30968	.08708	1.2908

#1	9.8422	.41371	.28313	9.1885	.88340	.68917	.19308
#2	9.9044	.41246	.26970	9.2506	.88352	.69017	.19411
#3	9.9581	.41115	.27997	9.1966	.87873	.68910	.19787

Sample Name: PB118454BS Acquired: 4/1/2019 14:18:44 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB118454BS Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20423	5.743	.20263	F .98345	F<.00000
Stddev	.00103	.024	.00036	.19418	.28566
%RSD	.50213	.4107	.17569	19.745	12.928

#1	.20341	5.748	.20223	.90218	-2.5220
#2	.20389	5.764	.20291	.84311	-2.1455
#3	.20538	5.718	.20275	1.2051	-1.9617

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4520.4	52436.	6425.8	90.447	4747.2
Stddev	7.1	74.	20.0	.451	5.6
%RSD	.15691	.14094	.31111	.49892	.11752

#1	4519.3	52359.	6414.4	90.042	4744.5
#2	4514.0	52444.	6414.1	90.933	4743.5
#3	4528.0	52506.	6448.9	90.367	4753.6

Sample Name: PB118466BL Acquired: 4/1/2019 14:22:50 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB118466BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00056	.00125	-.00259	-.00021	-.00044	.01687	-.00081
Stddev	.00196	.00048	.00029	.00134	.00044	.00831	.00026
%RSD	352.39	38.498	11.220	633.11	100.59	49.280	31.716

#1	-.00168	.00093	-.00262	-.00109	-.00030	.02277	-.00092
#2	.00137	.00101	-.00229	.00133	-.00008	.00736	-.00100
#3	.00198	.00180	-.00287	-.00087	-.00093	.02047	-.00052

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.00010	-.02309	.00001	.00026	-.00381	.00029
Stddev	.00010	.00002	.01147	.00027	.00005	.00012	.00039
%RSD	193.20	17.555	49.670	4163.9	20.702	3.0750	134.14

#1	-.00005	-.00011	-.01437	-.00021	.00031	-.00378	.00008
#2	.00015	-.00008	-.01881	-.00008	.00020	-.00371	.00005
#3	.00005	-.00010	-.03608	.00031	.00027	-.00394	.00074

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00020	.03969	-.00059	.00119	-.04829	-.00035	-.00078
Stddev	.00004	.01673	.00024	.00031	.00324	.00023	.00012
%RSD	18.143	42.150	40.090	25.700	6.7037	65.689	14.996

#1	-.00020	.02309	-.00032	.00132	-.05160	-.00022	-.00067
#2	-.00016	.05654	-.00069	.00084	-.04812	-.00062	-.00078
#3	-.00023	.03945	-.00076	.00140	-.04514	-.00022	-.00090

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.17095	-.00020	-.00634	-.00447	-.00014	-.00359	-.00214
Stddev	.02852	.00011	.00956	.00222	.00090	.00083	.00191
%RSD	16.684	57.353	150.71	49.583	650.56	23.086	89.488

#1	-.14004	-.00030	-.01359	-.00614	.00076	-.00270	-.00423
#2	-.19624	-.00022	.00449	-.00531	-.00014	-.00375	-.00048
#3	-.17658	-.00008	-.00992	-.00196	-.00104	-.00434	-.00170

Sample Name: PB118466BL Acquired: 4/1/2019 14:22:50 Type: Unk
 Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB118466BL Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00833	.0023	-.00036	<.00000	F<.00000
Stddev	.00164	.0007	.00004	.18135	.30803
%RSD	19.638	32.86	10.479	8864.0	36.829

#1	-.00884	.0030	-.00032	-.18265	-.64560
#2	-.00964	.0015	-.00039	-.00353	-.67181
#3	-.00650	.0023	-.00038	.18004	-1.1917

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4625.0	53506.	6577.0	92.381	4876.0
Stddev	6.3	47.	26.2	.505	10.3
%RSD	.13658	.08755	.39772	.54643	.21203

#1	4617.8	53465.	6580.8	92.958	4865.0
#2	4629.6	53497.	6549.1	92.158	4877.6
#3	4627.7	53557.	6601.0	92.025	4885.4

Sample Name: PB118466BS Acquired: 4/1/2019 14:27:19 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB118466BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.77067	1.9936	.97972	1.9059	.81030	2.0870	.20385
Stddev	.00065	.0089	.00130	.0025	.00279	.0124	.00161
%RSD	.08443	.44390	.13305	.13206	.34391	.59566	.79063

#1	.77008	1.9836	.97825	1.9045	.81226	2.0746	.20199
#2	.77137	1.9966	.98015	1.9043	.80711	2.0871	.20479
#3	.77056	2.0005	.98074	1.9088	.81153	2.0995	.20476

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20068	.18774	1.0123	.41193	.20533	.32612	3.0436
Stddev	.00012	.00061	.0066	.00098	.00073	.00072	.0123
%RSD	.05960	.32448	.65094	.23893	.35640	.21967	.40427

#1	.20061	.18738	1.0114	.41114	.20476	.32584	3.0294
#2	.20061	.18740	1.0194	.41303	.20508	.32559	3.0504
#3	.20082	.18844	1.0063	.41162	.20615	.32693	3.0509

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20594	2.0758	.49633	.07205	3.0681	.30397	.19144
Stddev	.00066	.0311	.00187	.00041	.0228	.00037	.00049
%RSD	.31934	1.4996	.37641	.56937	.74277	.12306	.25548

#1	.20587	2.0842	.49515	.07200	3.0479	.30400	.19107
#2	.20663	2.0414	.49535	.07166	3.0635	.30358	.19125
#3	.20532	2.1019	.49848	.07248	3.0928	.30433	.19199

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.4507	.41764	.26158	F -.00909	.82991	.66455	.19193
Stddev	.0533	.00056	.00340	.00209	.00477	.00220	.00065
%RSD	.56353	.13379	1.3015	22.980	.57503	.33099	.34121

#1	9.4328	.41723	.26455	-.01150	.83185	.66202	.19269
#2	9.4087	.41828	.25786	-.00792	.83340	.66597	.19157
#3	9.5106	.41742	.26232	-.00784	.82447	.66567	.19154

Sample Name: PB118466BS Acquired: 4/1/2019 14:27:19 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB118466BS Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19582	5.308	.19647	F 1.4482	F<.00000
Stddev	.00139	.024	.00029	.6251	.09362
%RSD	.71125	.4543	.14886	43.166	3.3928
#1	.19742	5.287	.19680	1.3154	-2.6595
#2	.19516	5.304	.19634	.90013	-2.8451
#3	.19489	5.335	.19626	2.1290	-2.7737
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4417.8	51783.	6380.6	89.758	4645.3
Stddev	15.5	89.	37.2	1.819	7.3
%RSD	.35003	.17258	.58338	2.0264	.15617
#1	4403.3	51712.	6339.6	89.933	4637.8
#2	4415.9	51753.	6389.9	87.858	4645.9
#3	4434.1	51883.	6412.3	91.483	4652.3

Sample Name: PB118466TB Acquired: 4/1/2019 14:31:25 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00082	-.00196	-.00208	-.00012	.00109	.02155	-.00071	-.00004
Stddev	.00162	.00042	.00118	.00258	.00069	.00756	.00052	.00005
%RSD	197.24	21.286	56.680	2223.9	63.051	35.095	73.685	117.91
#1	-.00256	-.00237	-.00338	.00068	.00184	.02569	-.00091	-.00001
#2	.00066	-.00153	-.00106	-.00300	.00096	.01282	-.00111	-.00010
#3	-.00057	-.00198	-.00182	.00197	.00048	.02613	-.00012	-.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	-.00812	.00139	-.00018	.00351	.00228	-.00017	.04327
Stddev	.00003	.00112	.00009	.00012	.00025	.00045	.00006	.02672
%RSD	20.861	13.737	6.4869	68.882	7.0437	19.586	36.690	61.756
#1	-.00013	-.00781	.00137	-.00007	.00375	.00182	-.00025	.07313
#2	-.00017	-.00719	.00131	-.00031	.00352	.00230	-.00015	.02161
#3	-.00012	-.00935	.00149	-.00014	.00326	.00271	-.00013	.03506
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00217	.00226	F 579.52	-.00028	.00077	-.00620	.00026	-.01486
Stddev	.00015	.00061	2.98	.00043	.00017	.04461	.00031	.00203
%RSD	6.8500	26.996	.51366	150.23	22.465	719.42	116.84	13.686
#1	.00234	.00166	576.36	-.00039	.00087	-.02553	.00061	-.01695
#2	.00208	.00224	582.28	-.00064	.00087	-.03790	.00001	-.01288
#3	.00208	.00288	579.92	.00019	.00057	.04482	.00018	-.01475
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00347	.00967	-.00170	-.00001	-.00134	.0004	-.00019	3.9247
Stddev	.00187	.00107	.00048	.00165	.00127	.0009	.00008	.2029
%RSD	54.043	11.074	27.976	12215.	94.620	205.2	44.833	5.1686
#1	.00528	.01084	-.00116	-.00192	-.00240	.0011	-.00011	3.7905
#2	.00358	.00874	-.00191	.00095	-.00168	.0007	-.00028	4.1580
#3	.00154	.00943	-.00203	.00092	.00006	-.0006	-.00017	3.8254

Sample Name: PB118466TB Acquired: 4/1/2019 14:31:25 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.28407
%RSD	80.187

#1	-.63134
#2	-.06368
#3	-.36776

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4160.1	48545.	6393.1	88.708	4035.6
Stddev	18.1	150.	10.5	.481	11.4
%RSD	.43515	.30848	.16469	.54218	.28160

#1	4140.5	48372.	6381.2	88.367	4022.5
#2	4163.7	48631.	6400.9	89.258	4042.9
#3	4176.2	48632.	6397.4	88.500	4041.3

Sample Name: PB118471BL Acquired: 4/1/2019 14:36:00 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB118471BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	.00101	-.00363	-.00298	-.00016	.02397	-.00130
Stddev	.00072	.00087	.00104	.00177	.00054	.01631	.00038
%RSD	742.72	85.442	28.572	59.418	332.75	68.047	29.465

#1	.00088	.00020	-.00303	-.00150	.00043	.01914	-.00092
#2	-.00007	.00092	-.00482	-.00250	-.00030	.01063	-.00129
#3	-.00052	.00192	-.00303	-.00494	-.00062	.04216	-.00168

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.00008	-.02573	.00022	.00021	-.00229	.00151
Stddev	.00002	.00006	.01754	.00017	.00013	.00073	.00069
%RSD	46.143	68.282	68.177	79.508	63.438	32.054	45.567

#1	.00002	-.00015	-.02314	.00041	.00006	-.00178	.00222
#2	.00006	-.00004	-.00963	.00006	.00025	-.00196	.00148
#3	.00007	-.00006	-.04443	.00019	.00032	-.00313	.00084

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00017	.02765	-.00074	.00046	.36080	-.00026	-.00112
Stddev	.00001	.02658	.00055	.00041	.02933	.00050	.00010
%RSD	7.3746	96.139	74.082	89.917	8.1282	195.65	8.5238

#1	-.00019	.05647	-.00137	.00094	.38640	.00027	-.00102
#2	-.00017	.00410	-.00047	.00024	.36720	-.00031	-.00114
#3	-.00016	.02238	-.00038	.00020	.32880	-.00073	-.00121

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.15962	-.00023	-.00039	-.00197	-.00131	-.00413	-.00145
Stddev	.02033	.00020	.00371	.00193	.00190	.00028	.00150
%RSD	12.737	89.580	955.12	97.873	145.11	6.8934	103.91

#1	-.14056	-.00007	.00366	-.00293	-.00033	-.00391	-.00297
#2	-.18102	-.00046	-.00362	-.00323	-.00010	-.00403	.00003
#3	-.15728	-.00015	-.00120	.00025	-.00350	-.00446	-.00140

Sample Name: PB118471BL Acquired: 4/1/2019 14:36:00 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB118471BL Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00586	.0017	-.00032	F .41553	F<.00000
Stddev	.00157	.0014	.00009	.11575	.15170
%RSD	26.789	85.19	28.545	27.855	19.749

#1	-.00561	.0006	-.00041	.50353	-.78662
#2	-.00754	.0011	-.00032	.28441	-.60804
#3	-.00443	.0033	-.00023	.45864	-.90974

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4610.7	53231.	6561.4	92.497	4865.4
Stddev	1.9	111.	68.1	.969	8.4
%RSD	.04119	.20821	1.0380	1.0473	.17190

#1	4608.6	53116.	6483.3	91.783	4860.3
#2	4612.3	53241.	6608.6	92.108	4875.0
#3	4611.3	53337.	6592.3	93.600	4860.8

Sample Name: PB118471BS Acquired: 4/1/2019 14:40:28 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB118471BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.74362	1.9131	.93948	1.8278	.77740	1.9939	.19534
Stddev	.01088	.0236	.01090	.0143	.00498	.0204	.00149
%RSD	1.4634	1.2334	1.1600	.78128	.64032	1.0232	.76021

#1	.74979	1.9192	.94233	1.8385	.77971	2.0019	.19463
#2	.75001	1.9330	.94868	1.8332	.78080	1.9707	.19435
#3	.73105	1.8870	.92745	1.8116	.77168	2.0091	.19705

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19313	.18025	.92615	.39013	.19603	.30908	2.9088
Stddev	.00096	.00222	.01528	.00041	.00226	.00341	.0077
%RSD	.49806	1.2317	1.6502	.10391	1.1541	1.1039	.26645

#1	.19208	.18038	.91623	.38987	.19617	.30877	2.9019
#2	.19335	.18240	.94375	.39060	.19821	.31264	2.9075
#3	.19397	.17796	.91847	.38992	.19369	.30583	2.9172

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19620	1.9918	.47223	.06897	3.0569	.29139	.18350
Stddev	.00054	.0420	.00607	.00081	.0225	.00184	.00208
%RSD	.27651	2.1065	1.2850	1.1742	.73541	.63306	1.1345

#1	.19595	2.0163	.47249	.06878	3.0526	.29045	.18401
#2	.19583	1.9434	.47816	.06828	3.0368	.29020	.18529
#3	.19682	2.0158	.46603	.06986	3.0812	.29351	.18122

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.9957	.39980	.26090	F -.00773	.78413	.63796	.18592
Stddev	.0911	.00433	.01050	.00318	.01450	.00985	.00239
%RSD	1.0126	1.0824	4.0254	41.153	1.8495	1.5447	1.2879

#1	9.0027	.40060	.26402	-.00419	.77729	.64082	.18384
#2	8.9014	.40368	.26950	-.01035	.80079	.64607	.18854
#3	9.0831	.39513	.24920	-.00865	.77431	.62700	.18537

Sample Name: PB118471BS Acquired: 4/1/2019 14:40:28 Type: Unk
 Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB118471BS Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.18757	5.125	.18877	F 1.0227	F<.00000
Stddev	.00282	.064	.00050	.2762	.49811
%RSD	1.5032	1.247	.26715	27.007	16.380
#1	.18726	5.159	.18872	.88725	-3.6125
#2	.19053	5.165	.18929	.84034	-2.8108
#3	.18491	5.052	.18829	1.3404	-2.6994
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4509.0	53217.	6548.8	91.897	4749.7
Stddev	45.2	84.	67.0	.533	54.7
%RSD	1.0024	.15794	1.0236	.57996	1.1523
#1	4489.5	53123.	6552.5	92.242	4727.4
#2	4476.8	53286.	6480.0	92.167	4709.7
#3	4560.7	53242.	6613.9	91.283	4812.1

Sample Name: PB118471TB Acquired: 4/1/2019 14:44:34 Type: Unk
Method: P4-ICP2(v3010) 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	-.00349	-.00074	-.00279	.00013	.00009	.02925	-.00139	-.00006
Stddev	.00068	.00171	.00006	.00145	.00095	.00860	.00026	.00004
%RSD	19.593	231.56	2.2874	1155.1	1072.5	29.391	18.679	67.175
#1	-.00282	-.00014	-.00277	-.00010	-.00086	.03041	-.00168	-.00002
#2	-.00418	.00059	-.00287	-.00120	.00007	.02013	-.00118	-.00007
#3	-.00347	-.00267	-.00275	.00168	.00105	.03720	-.00131	-.00010
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	-.01388	.00126	.00002	-.00164	.00114	-.00015	.03003
Stddev	.00002	.01604	.00015	.00005	.00066	.00053	.00005	.01183
%RSD	19.010	115.58	11.730	271.07	40.447	46.494	35.661	39.416
#1	-.00012	-.02549	.00109	-.00004	-.00089	.00057	-.00019	.03386
#2	-.00009	.00442	.00134	.00006	-.00213	.00161	-.00017	.01675
#3	-.00013	-.02057	.00135	.00004	-.00191	.00125	-.00009	.03947
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00058	.00274	F 325.96	-.00029	.00034	-.14971	.00001	-.00444
Stddev	.00022	.00004	2.34	.00047	.00006	.01807	.00024	.01018
%RSD	37.702	1.3150	.71667	162.80	19.004	12.070	2484.5	229.23
#1	.00079	.00274	324.97	-.00007	.00035	-.16343	-.00001	.00141
#2	.00036	.00270	324.27	-.00083	.00027	-.12924	.00026	.00146
#3	.00057	.00277	328.62	.00003	.00040	-.15647	-.00021	-.01620
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00069	.00412	-.00258	-.00115	-.00497	.0011	-.00038	3.2355
Stddev	.00169	.00244	.00048	.00127	.00164	.0006	.00004	.3024
%RSD	246.58	59.273	18.569	111.11	32.907	56.44	9.9131	9.3474
#1	-.00239	.00479	-.00207	-.00060	-.00656	.0006	-.00034	2.9738
#2	.00100	.00615	-.00266	-.00024	-.00329	.0008	-.00040	3.5666
#3	-.00067	.00141	-.00302	-.00260	-.00507	.0017	-.00041	3.1661

Sample Name: PB118471TB Acquired: 4/1/2019 14:44:34 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.55048
%RSD	114.74

#1	-.22066
#2	-.10667
#3	-1.1120

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4245.8	49922.	6479.4	89.903	4181.4
Stddev	7.8	129.	36.3	.619	6.7
%RSD	.18464	.25776	.56088	.68845	.16101

#1	4236.8	49774.	6439.8	89.575	4176.0
#2	4250.8	49980.	6487.4	90.617	4179.2
#3	4249.9	50010.	6511.1	89.517	4188.9

Sample Name: K2179-19 Acquired: 4/1/2019 14:49:10 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-5S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01937	.00499	.17116	.01945	.00492	116.71	.41314	.00649
Stddev	.00035	.00076	.00177	.00117	.00072	1.00	.00269	.00010
%RSD	1.8220	15.313	1.0318	6.0142	14.723	.85579	.64993	1.5319

#1	.01916	.00495	.16960	.01957	.00457	115.88	.41096	.00639
#2	.01917	.00577	.17080	.01822	.00575	117.82	.41614	.00659
#3	.01978	.00424	.17308	.02055	.00444	116.42	.41231	.00649

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00132	25.948	.11746	.08483	.13070	160.25	3.7225	19.830
Stddev	.00018	.152	.00220	.00019	.00055	1.20	.0154	.217
%RSD	13.274	.58712	1.8725	.22500	.42112	.74856	.41442	1.0944

#1	-.00137	26.001	.11539	.08503	.13010	160.59	3.7292	19.855
#2	-.00146	25.776	.11721	.08480	.13081	161.24	3.7335	20.034
#3	-.00112	26.066	.11977	.08465	.13119	158.91	3.7048	19.602

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11890	-.00956	5.2992	.24554	.34529	5.1674	.00142	-.06373
Stddev	.00050	.00103	.0570	.00326	.00114	.0817	.00009	.00519
%RSD	.41975	10.734	1.0757	1.3292	.33025	1.5804	6.2572	8.1436

#1	.11948	-.00898	5.2863	.24260	.34397	5.0827	.00133	-.06073
#2	.11865	-.00895	5.3615	.24495	.34586	5.2456	.00142	-.06972
#3	.11858	-.01074	5.2497	.24905	.34602	5.1739	.00151	-.06073

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.79557	7.4601	.03341	2.2333	.05875	5.173	-.02400	<.00000
Stddev	.00554	.1016	.00122	.0082	.00178	.011	.00213	.30061
%RSD	.69631	1.3617	3.6497	.36629	3.0220	.2151	8.8924	11.219

#1	.78924	7.4945	.03283	2.2250	.05785	5.164	-.02513	-2.7044
#2	.79953	7.3458	.03482	2.2413	.05760	5.185	-.02533	-2.3671
#3	.79794	7.5401	.03259	2.2336	.06079	5.169	-.02154	-2.9668

Sample Name: K2179-19 Acquired: 4/1/2019 14:49:10 Type: Unk
 Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-5S Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 43.492
 Stddev .718
 %RSD 1.6506

#1 43.594
 #2 42.729
 #3 44.154

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4875.4	57278.	7315.9	91.552	4351.4
Stddev	5.6	268.	68.4	2.410	7.3
%RSD	.11478	.46827	.93559	2.6322	.16784

#1	4874.3	57257.	7276.4	91.572	4359.2
#2	4881.4	57021.	7395.0	93.952	4350.2
#3	4870.4	57556.	7276.4	89.132	4344.8

Sample Name: K2180-03 Acquired: 4/1/2019 14:53:38 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03476	.00666	2.3603	.01673	.01369	120.94	1.5121	.00787
Stddev	.00342	.00080	.0020	.00222	.00068	.17	.0035	.00007
%RSD	9.8397	12.089	.08624	13.251	4.9548	.13895	.23279	.93819
#1	.03126	.00612	2.3627	.01494	.01443	120.93	1.5080	.00779
#2	.03494	.00626	2.3590	.01605	.01354	121.11	1.5145	.00794
#3	.03809	.00758	2.3594	.01921	.01309	120.77	1.5137	.00788
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00284	53.040	.17043	.10994	.39487	197.95	3.7197	36.895
Stddev	.00006	.175	.00074	.00028	.00266	.15	.0013	.194
%RSD	2.0198	.33020	.43611	.25355	.67255	.07739	.03555	.52605
#1	.00287	53.082	.16965	.11011	.39763	197.88	3.7184	36.676
#2	.00287	53.190	.17051	.10962	.39234	198.12	3.7210	36.962
#3	.00278	52.848	.17113	.11009	.39463	197.84	3.7197	37.047
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19215	-.01308	3.0108	.30635	1.7809	9.5643	.01170	-.08944
Stddev	.00087	.00043	.0258	.00131	.0003	.0121	.00018	.01140
%RSD	.45245	3.2706	.85567	.42620	.01794	.12668	1.4983	12.749
#1	.19141	-.01338	2.9867	.30517	1.7812	9.5783	.01156	-.08275
#2	.19311	-.01328	3.0076	.30612	1.7807	9.5567	.01164	-.10261
#3	.19193	-.01259	3.0380	.30775	1.7807	9.5580	.01190	-.08297
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.5292	5.8789	1.5381	2.7571	.11682	8.649	.04522	<.00000
Stddev	.0046	.0157	.0034	.0112	.00240	.015	.00130	.11113
%RSD	.13074	.26641	.22322	.40590	2.0540	.1734	2.8640	3.8665
#1	3.5332	5.8923	1.5378	2.7533	.11552	8.655	.04618	-2.9288
#2	3.5241	5.8616	1.5416	2.7696	.11959	8.659	.04573	-2.7464
#3	3.5302	5.8827	1.5348	2.7482	.11535	8.631	.04375	-2.9477

Sample Name: K2180-03 Acquired: 4/1/2019 14:53:38 Type: Unk
 Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-7 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	54.921
Stddev	.212
%RSD	.38677

#1	55.119
#2	54.696
#3	54.949

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4895.7	58327.	7456.5	88.961	4212.3
Stddev	8.7	165.	57.6	1.003	5.8
%RSD	.17822	.28252	.77298	1.1277	.13886

#1	4885.6	58338.	7411.2	89.793	4205.7
#2	4900.6	58157.	7437.0	87.847	4214.4
#3	4900.9	58487.	7521.4	89.243	4216.9

Sample Name: CCV03 Acquired: 4/1/2019 14:58:01 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2553	5.2856	5.2506	5.1266	5.2250	10.676	10.278	.26912
Stddev	.0063	.0075	.0099	.0130	.0028	.079	.079	.00077
%RSD	.12010	.14208	.18937	.25408	.05395	.74065	.77106	.28681
#1	5.2489	5.2829	5.2505	5.1245	5.2218	10.767	10.323	.26992
#2	5.2554	5.2798	5.2406	5.1405	5.2265	10.625	10.325	.26906
#3	5.2615	5.2941	5.2605	5.1147	5.2269	10.636	10.187	.26838
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5442	24.337	.99077	2.6421	1.3054	4.9723	2.4788	26.275
Stddev	.0051	.114	.00186	.0034	.0002	.0082	.0067	.113
%RSD	.20027	.46900	.18731	.12777	.01343	.16418	.27045	.42907
#1	2.5445	24.354	.99117	2.6455	1.3056	4.9795	2.4806	26.355
#2	2.5389	24.216	.99239	2.6387	1.3053	4.9739	2.4845	26.146
#3	2.5491	24.442	.98875	2.6422	1.3054	4.9635	2.4714	26.323
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5326	1.2747	25.586	2.4729	2.6484	23.698	5.1823	4.8707
Stddev	.0028	.0026	.062	.0032	.0034	.029	.0061	.0300
%RSD	.11194	.20722	.24191	.13077	.12949	.12379	.11844	.61488
#1	2.5313	1.2745	25.612	2.4692	2.6465	23.718	5.1780	4.9032
#2	2.5306	1.2722	25.516	2.4747	2.6463	23.711	5.1796	4.8645
#3	2.5358	1.2774	25.631	2.4749	2.6523	23.664	5.1894	4.8443
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0188	4.7940	5.1428	4.9597	4.8377	5.267	4.9928	F 4.2112
Stddev	.0219	.0209	.0124	.0029	.0104	.009	.0141	.3093
%RSD	.43651	.43614	.24046	.05862	.21593	.1611	.28265	7.3434
#1	5.0183	4.7725	5.1356	4.9626	4.8267	5.266	4.9856	4.2063
#2	5.0410	4.8142	5.1357	4.9568	4.8475	5.275	4.9837	3.9045
#3	4.9972	4.7953	5.1571	4.9597	4.8388	5.259	5.0090	4.5230

Sample Name: CCV03 Acquired: 4/1/2019 14:58:01 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .99399
Stddev .08090
%RSD 8.1390

#1 1.0669
#2 1.0082
#3 .90694

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4321.7	50734.	6400.5	88.264	4235.6
Stddev	5.5	64.	25.0	.762	8.6
%RSD	.12703	.12649	.39092	.86300	.20308

#1	4320.1	50664.	6429.0	87.558	4229.7
#2	4327.9	50791.	6390.7	88.162	4245.5
#3	4317.3	50745.	6381.9	89.072	4231.6

Sample Name: CCB03 Acquired: 4/1/2019 15:02:05 Type: Unk
Method: P4-ICP2(v3010) 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	.00129	.00120	-.00440	-.00146	.00153	.02081	-.00143
Stddev	.00195	.00132	.00054	.00300	.00120	.01130	.00025
%RSD	151.65	109.79	12.238	205.50	77.984	54.305	17.783

#1	.00353	.00253	-.00496	.00185	.00276	.00826	-.00114
#2	.00032	.00120	-.00434	-.00223	.00148	.03017	-.00161
#3	.00001	-.00011	-.00389	-.00400	.00037	.02401	-.00154

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	-.00000	-.02707	.00036	.00027	-.00486	.00097
Stddev	.00003	.00004	.00522	.00031	.00014	.00012	.00038
%RSD	67.670	2783.5	19.298	86.665	52.099	2.4889	38.787

#1	.00004	-.00004	-.02104	.00008	.00013	-.00474	.00060
#2	.00002	-.00002	-.02992	.00069	.00040	-.00488	.00135
#3	.00007	.00005	-.03025	.00030	.00027	-.00498	.00095

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00023	.00973	-.00062	.00027	-.05229	.00000	-.00102
Stddev	.00004	.05165	.00029	.00023	.00981	.00035	.00025
%RSD	16.001	530.78	46.753	85.958	18.753	1443100.	24.577

#1	-.00027	.03058	-.00060	.00034	-.04846	.00039	-.00086
#2	-.00022	.04770	-.00034	.00001	-.06343	-.00029	-.00089
#3	-.00020	-.04908	-.00092	.00045	-.04497	-.00011	-.00131

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.22339	.00011	-.00446	-.00374	.00250	-.00204	-.00102
Stddev	.00776	.00018	.00482	.00189	.00137	.00072	.00069
%RSD	3.4726	169.80	108.11	50.480	54.720	35.152	68.448

#1	-.22701	-.00007	-.00811	-.00174	.00092	-.00246	-.00081
#2	-.21448	.00010	-.00627	-.00400	.00322	-.00121	-.00045
#3	-.22867	.00029	.00100	-.00549	.00336	-.00245	-.00179

Sample Name: CCB03 Acquired: 4/1/2019 15:02:05 Type: Unk
 Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00681	.0012	-0.00038	F 2.3751	F<.00000
Stddev	.00185	.0004	.00009	.0915	.16960
%RSD	27.188	32.41	22.497	3.8530	18.710

#1	-0.00750	.0010	-0.00030	2.2829	-.86062
#2	-0.00821	.0017	-0.00047	2.3764	-1.0942
#3	-0.00471	.0010	-0.00038	2.4659	-.76446

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4518.2	52990.	6525.5	92.492	4755.9
Stddev	5.5	57.	34.1	2.459	2.7
%RSD	.12268	.10740	.52263	2.6583	.05715

#1	4512.0	53053.	6508.9	92.542	4752.9
#2	4522.8	52943.	6503.0	90.008	4758.2
#3	4519.7	52974.	6564.8	94.925	4756.5

Sample Name: K2180-07 Acquired: 4/1/2019 15:06:35 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-6S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03943	.00353	.83080	.01339	.00649	111.85	.63680	.00729
Stddev	.00101	.00032	.00160	.00354	.00216	.98	.00815	.00011
%RSD	2.5512	9.0764	.19217	26.404	33.341	.87857	1.2803	1.5188

#1	.03895	.00370	.83177	.01239	.00661	110.71	.62799	.00739
#2	.04058	.00372	.83167	.01046	.00859	112.42	.64408	.00717
#3	.03875	.00316	.82895	.01732	.00427	112.41	.63833	.00731

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00112	28.953	.15934	.10164	.35916	181.95	3.9761	33.054
Stddev	.00036	.059	.00106	.00022	.00098	.55	.0112	.143
%RSD	31.727	.20256	.66508	.21765	.27174	.30470	.28162	.43232

#1	.00136	28.890	.16002	.10159	.36013	182.00	3.9706	32.897
#2	.00128	28.963	.15812	.10145	.35916	182.48	3.9890	33.177
#3	.00071	29.006	.15988	.10189	.35818	181.37	3.9688	33.088

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16562	-.01122	4.7590	.27375	.83299	11.680	.02177	-.08486
Stddev	.00081	.00033	.0045	.00085	.00165	.110	.00003	.01133
%RSD	.49172	2.9176	.09454	.30881	.19770	.93791	.11983	13.352

#1	.16635	-.01120	4.7575	.27470	.83487	11.559	.02180	-.07181
#2	.16474	-.01155	4.7554	.27346	.83227	11.771	.02176	-.09228
#3	.16577	-.01090	4.7640	.27308	.83183	11.711	.02175	-.09047

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.93866	5.8884	.02449	4.4759	.08024	5.572	-.06461	<.00000
Stddev	.00278	.0556	.00059	.0233	.00163	.012	.00095	.18278
%RSD	.29570	.94481	2.4141	.52117	2.0342	.2148	1.4658	7.6109

#1	.94170	5.9210	.02455	4.4995	.08040	5.582	-.06434	-2.5884
#2	.93625	5.8241	.02504	4.4529	.07854	5.575	-.06566	-2.2231
#3	.93805	5.9200	.02386	4.4753	.08179	5.558	-.06382	-2.3932

Sample Name: K2180-07 Acquired: 4/1/2019 15:06:35 Type: Unk
 Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-6S Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 46.959
 Stddev 1.238
 %RSD 2.6374

#1 47.274
 #2 45.593
 #3 48.008

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4886.6	58436.	7420.1	89.626	4239.9
Stddev	21.3	119.	42.6	1.474	13.7
%RSD	.43559	.20391	.57347	1.6448	.32301

#1	4883.7	58454.	7371.8	89.809	4243.3
#2	4867.0	58309.	7451.8	88.069	4224.8
#3	4909.2	58546.	7436.9	91.000	4251.5

Sample Name: K2180-11 Acquired: 4/1/2019 15:11:03 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-6D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02250	.00478	.32854	.01052	.00400	77.639	.42760	.00552
Stddev	.00187	.00124	.00093	.00185	.00125	.086	.00095	.00009
%RSD	8.3021	25.956	.28458	17.576	31.355	.11140	.22144	1.6955

#1	.02386	.00504	.32873	.01022	.00293	77.719	.42829	.00554
#2	.02037	.00587	.32936	.01250	.00538	77.547	.42798	.00560
#3	.02327	.00343	.32752	.00884	.00369	77.650	.42652	.00542

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00113	15.824	.08860	.06694	.13822	132.09	2.8623	16.171
Stddev	.00011	.043	.00040	.00019	.00101	.20	.0008	.126
%RSD	9.8615	.27142	.44781	.28902	.72725	.15365	.02796	.78172

#1	-.00114	15.792	.08891	.06711	.13937	132.13	2.8623	16.216
#2	-.00124	15.806	.08874	.06673	.13773	132.27	2.8631	16.268
#3	-.00102	15.873	.08815	.06698	.13755	131.87	2.8615	16.028

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09770	-.00767	3.1294	.17996	.39923	5.7894	.00174	-.06001
Stddev	.00032	.00020	.0162	.00184	.00124	.0216	.00051	.00622
%RSD	.33081	2.6399	.51761	1.0244	.31157	.37379	29.372	10.363

#1	.09746	-.00777	3.1317	.18151	.39780	5.7925	.00176	-.06476
#2	.09757	-.00780	3.1443	.17792	.39986	5.8093	.00121	-.06230
#3	.09807	-.00744	3.1121	.18044	.40004	5.7663	.00223	-.05297

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.32918	6.5095	.01745	2.1593	.04293	4.224	-.05470	<.00000
Stddev	.00235	.0955	.00069	.0112	.00016	.004	.00017	.13373
%RSD	.71323	1.4676	3.9680	.51832	.36899	.1037	.30276	9.3513

#1	.32663	6.4783	.01673	2.1722	.04299	4.225	-.05465	-1.5499
#2	.32964	6.4335	.01811	2.1533	.04305	4.228	-.05489	-1.2858
#3	.33125	6.6167	.01752	2.1523	.04275	4.220	-.05457	-1.4544

Sample Name: K2180-11 Acquired: 4/1/2019 15:11:03 Type: Unk
 Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-6D Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 33.821
 Stddev .245
 %RSD .72354

#1 33.842
 #2 34.054
 #3 33.566

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4850.5	57605.	7301.7	90.292	4379.1
Stddev	8.0	95.	38.1	2.929	12.5
%RSD	.16408	.16544	.52205	3.2436	.28566

#1	4859.4	57495.	7292.1	93.444	4392.2
#2	4844.1	57664.	7343.8	89.778	4367.2
#3	4847.9	57656.	7269.4	87.655	4377.9

Sample Name: K2180-15 Acquired: 4/1/2019 15:15:26 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02501	.00464	.50170	.01222	.00682	124.18	.57486	.00803
Stddev	.00103	.00200	.00118	.00141	.00144	.28	.00402	.00010
%RSD	4.1306	43.005	.23472	11.525	21.097	.22580	.69876	1.2836

#1	.02438	.00517	.50126	.01328	.00586	123.87	.57098	.00801
#2	.02620	.00633	.50304	.01062	.00848	124.41	.57900	.00815
#3	.02443	.00244	.50081	.01276	.00614	124.26	.57459	.00794

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00973	17.387	.14918	.12049	.22887	191.88	4.0409	38.226
Stddev	.00008	.041	.00065	.00019	.00083	.07	.0083	.026
%RSD	.80152	.23451	.43357	.15714	.36077	.03526	.20616	.06755

#1	.00974	17.378	.14876	.12040	.22799	191.96	4.0499	38.197
#2	.00965	17.351	.14886	.12070	.22962	191.86	4.0395	38.236
#3	.00980	17.431	.14992	.12036	.22901	191.82	4.0334	38.245

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19498	-.01169	2.7748	.29304	1.0214	9.9688	.01016	-.08722
Stddev	.00041	.00046	.0137	.00234	.0013	.0496	.00030	.00728
%RSD	.20910	3.8926	.49255	.79749	.12798	.49781	2.9430	8.3451

#1	.19468	-.01121	2.7593	.29284	1.0229	9.9654	.01028	-.09225
#2	.19544	-.01211	2.7851	.29081	1.0204	10.020	.00982	-.09053
#3	.19480	-.01175	2.7800	.29547	1.0210	9.9209	.01038	-.07887

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.52449	4.6906	.01958	3.7436	.11228	5.595	-.11055	<.00000
Stddev	.00226	.0564	.00127	.0110	.00054	.013	.00009	.19446
%RSD	.43069	1.2027	6.4851	.29267	.48369	.2326	.07857	5.3056

#1	.52644	4.7464	.01814	3.7329	.11229	5.584	-.11064	-3.8517
#2	.52500	4.6919	.02005	3.7432	.11172	5.609	-.11054	-3.4636
#3	.52201	4.6336	.02055	3.7548	.11281	5.591	-.11046	-3.6806

Sample Name: K2180-15 Acquired: 4/1/2019 15:15:26 Type: Unk
 Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-9 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 50.561
 Stddev .516
 %RSD 1.0211

#1 50.054
 #2 51.086
 #3 50.544

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4965.8	58982.	7550.5	89.503	4229.2
Stddev	7.5	173.	57.2	.760	5.6
%RSD	.15142	.29360	.75754	.84877	.13266

#1	4974.0	58808.	7484.9	88.723	4231.5
#2	4964.5	58984.	7589.4	90.240	4233.2
#3	4959.1	59154.	7577.4	89.545	4222.8

Sample Name: K2180-19 Acquired: 4/1/2019 15:19:53 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-10 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03856	.00538	2.0697	.00524	.00808	133.87	1.3493	.00890
Stddev	.00083	.00159	.0026	.00155	.00093	.97	.0104	.00015
%RSD	2.1450	29.608	.12580	29.473	11.451	.72491	.77169	1.6846

#1	.03927	.00666	2.0718	.00676	.00839	133.11	1.3397	.00905
#2	.03765	.00360	2.0705	.00367	.00881	134.96	1.3604	.00875
#3	.03876	.00588	2.0668	.00530	.00704	133.53	1.3477	.00889

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00506	52.210	.17431	.13786	.39408	213.47	4.6082	46.877
Stddev	.00011	.361	.00097	.00051	.00258	.78	.0388	.440
%RSD	2.2561	.69188	.55861	.37288	.65426	.36432	.84164	.93863

#1	.00515	52.248	.17468	.13833	.39612	212.61	4.5635	46.442
#2	.00510	52.550	.17505	.13795	.39494	214.12	4.6284	47.322
#3	.00494	51.831	.17321	.13731	.39118	213.67	4.6327	46.866

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22480	-.01362	7.5156	.30990	2.1219	12.431	.00752	-.10625
Stddev	.00038	.00051	.0470	.00110	.0053	.084	.00029	.00794
%RSD	.16754	3.7270	.62550	.35652	.24912	.67344	3.8004	7.4703

#1	.22523	-.01412	7.4784	.31103	2.1169	12.347	.00780	-.09992
#2	.22462	-.01310	7.5684	.30882	2.1214	12.515	.00752	-.10369
#3	.22455	-.01364	7.4999	.30986	2.1274	12.432	.00723	-.11516

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.5948	4.4212	.04560	4.0883	.13832	6.791	.00206	<.00000
Stddev	.0144	.0600	.00101	.0035	.00190	.016	.00115	.04556
%RSD	.39928	1.3574	2.2100	.08596	1.3714	.2358	55.813	1.1473

#1	3.6113	4.4097	.04627	4.0899	.14008	6.806	.00320	-4.0236
#2	3.5876	4.4861	.04609	4.0842	.13855	6.774	.00206	-3.9498
#3	3.5855	4.3677	.04444	4.0907	.13631	6.795	.00091	-3.9405

Sample Name: K2180-19 Acquired: 4/1/2019 15:19:53 Type: Unk
 Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-10 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	55.976
Stddev	.922
%RSD	1.6478

#1	57.016
#2	55.257
#3	55.654

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4909.4	58819.	7527.2	89.831	4150.3
Stddev	4.3	175.	30.5	1.959	12.2
%RSD	.08718	.29672	.40556	2.1804	.29490

#1	4914.0	58964.	7494.0	87.948	4158.2
#2	4908.8	58625.	7533.7	91.858	4156.4
#3	4905.5	58867.	7554.0	89.687	4136.2

Sample Name: K2180-23 Acquired: 4/1/2019 15:24:26 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-10D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02672	.00589	.12793	.01273	.00826	111.62	.71490	.00847
Stddev	.00163	.00200	.00210	.00132	.00161	.46	.00532	.00008
%RSD	6.1065	34.030	1.6383	10.372	19.549	.40819	.74441	.93861
#1	.02826	.00774	.12997	.01378	.00700	111.17	.71162	.00856
#2	.02501	.00616	.12802	.01317	.01008	111.60	.71205	.00846
#3	.02689	.00376	.12578	.01125	.00769	112.08	.72104	.00840
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00092	19.303	.13915	.11087	.17282	193.76	5.1715	31.889
Stddev	.00004	.050	.00101	.00055	.00159	.59	.0188	.237
%RSD	4.8000	.26139	.72265	.49740	.91811	.30329	.36367	.74239
#1	.00097	19.358	.13975	.11146	.17460	194.03	5.1849	31.834
#2	.00089	19.292	.13971	.11036	.17155	194.17	5.1500	31.685
#3	.00091	19.259	.13799	.11079	.17232	193.09	5.1796	32.148
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18562	-.01214	7.1547	.25109	.58659	9.3584	-.00027	-.07439
Stddev	.00069	.00033	.0418	.00208	.00039	.0294	.00022	.00964
%RSD	.37266	2.7072	.58465	.82903	.06614	.31382	80.232	12.958
#1	.18640	-.01243	7.1217	.25134	.58624	9.3321	-.00052	-.08502
#2	.18510	-.01222	7.1406	.25304	.58701	9.3532	-.00019	-.07192
#3	.18535	-.01178	7.2017	.24889	.58651	9.3901	-.00011	-.06623
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.31294	5.2568	.00800	2.5566	.09372	6.675	-.07970	<.00000
Stddev	.00301	.0325	.00043	.0080	.00150	.028	.00068	.20878
%RSD	.96185	.61885	5.4241	.31155	1.5970	.4230	.84743	5.0650
#1	.30971	5.2915	.00825	2.5652	.09211	6.708	-.07937	-4.2542
#2	.31568	5.2521	.00750	2.5495	.09395	6.660	-.08047	-3.8812
#3	.31342	5.2269	.00825	2.5550	.09508	6.657	-.07925	-4.2303

Sample Name: K2180-23 Acquired: 4/1/2019 15:24:26 Type: Unk
 Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-10D Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	51.320
Stddev	.583
%RSD	1.1354

#1	51.152
#2	51.968
#3	50.840

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5011.3	59777.	7621.3	90.188	4247.3
Stddev	6.3	46.	44.4	.110	5.2
%RSD	.12613	.07753	.58299	.12159	.12143

#1	5006.7	59821.	7583.3	90.116	4243.1
#2	5008.8	59728.	7610.4	90.134	4245.7
#3	5018.5	59780.	7670.1	90.314	4253.0

Sample Name: K2180-27 Acquired: 4/1/2019 15:29:01 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-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	.02591	.00475	.76502	.01176	.00362	118.22	.76527	.00691
Stddev	.00102	.00072	.00449	.00270	.00173	.37	.00281	.00020
%RSD	3.9202	15.179	.58663	22.961	47.755	.31405	.36662	2.8328

#1	.02597	.00529	.76126	.01299	.00206	118.57	.76696	.00678
#2	.02690	.00502	.76999	.00867	.00333	117.83	.76203	.00682
#3	.02487	.00393	.76381	.01364	.00548	118.27	.76683	.00714

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00026	41.963	.11005	.08021	.24440	148.38	4.4637	23.924
Stddev	.00024	.193	.00044	.00036	.00130	1.27	.0391	.047
%RSD	92.035	.46010	.40388	.45170	.53309	.85576	.87590	.19710

#1	-.00002	41.803	.11050	.08039	.24545	147.62	4.4739	23.961
#2	-.00026	41.907	.10961	.08044	.24481	147.68	4.4205	23.940
#3	-.00049	42.177	.11006	.07979	.24294	149.85	4.4967	23.871

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10975	-.00857	11.658	.21205	.49204	7.2592	.00212	-.04991
Stddev	.00072	.00031	.050	.00053	.00107	.0167	.00006	.00373
%RSD	.65980	3.5985	.42861	.25064	.21819	.23024	2.9419	7.4645

#1	.11054	-.00845	11.692	.21144	.49202	7.2643	.00206	-.05043
#2	.10959	-.00834	11.601	.21227	.49312	7.2405	.00218	-.05335
#3	.10911	-.00892	11.683	.21243	.49097	7.2727	.00213	-.04596

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.95402	5.5343	.05654	1.6331	.06622	F 10.76	.02325	<.00000
Stddev	.00660	.0655	.00067	.0014	.00136	.05	.00111	.34574
%RSD	.69144	1.1843	1.1776	.08610	2.0553	.4229	4.7864	13.172

#1	.96014	5.6098	.05714	1.6322	.06766	10.81	.02445	-2.3254
#2	.95488	5.5005	.05665	1.6348	.06496	10.72	.02302	-2.5461
#3	.94703	5.4925	.05582	1.6325	.06602	10.76	.02226	-3.0032

Sample Name: K2180-27 Acquired: 4/1/2019 15:29:01 Type: Unk
 Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-1 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	38.641
Stddev	1.043
%RSD	2.6991

#1	37.585
#2	39.671
#3	38.666

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4919.0	58573.	7521.9	90.328	4275.0
Stddev	6.3	179.	27.3	.787	9.0
%RSD	.12842	.30588	.36315	.87076	.21059

#1	4923.1	58448.	7526.3	90.440	4275.4
#2	4911.8	58778.	7546.7	91.052	4265.8
#3	4922.2	58494.	7492.6	89.491	4283.8

Sample Name: K2180-31 Acquired: 4/1/2019 15:33:37 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02537	.00571	.24867	.00780	.01051	201.58	.62524	.01033
Stddev	.00159	.00157	.00172	.00349	.00053	1.45	.00467	.00005
%RSD	6.2569	27.532	.69049	44.719	5.0748	.71814	.74750	.46659

#1	.02392	.00393	.24767	.00378	.01095	203.13	.62959	.01029
#2	.02706	.00631	.24768	.01000	.01067	201.35	.62583	.01033
#3	.02512	.00689	.25065	.00961	.00992	200.26	.62029	.01039

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00235	7.4993	.16237	.14271	.19795	214.30	6.7149	34.621
Stddev	.00019	.0245	.00153	.00075	.00111	1.84	.0308	.172
%RSD	7.9381	.32700	.94248	.52323	.56111	.85802	.45938	.49622

#1	.00230	7.4911	.16073	.14351	.19767	214.59	6.7479	34.810
#2	.00220	7.4799	.16263	.14203	.19700	215.97	6.7101	34.579
#3	.00256	7.5269	.16376	.14258	.19917	212.33	6.6867	34.474

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20445	-.01484	11.448	.31774	.53363	8.6326	.00255	-.10649
Stddev	.00040	.00039	.092	.00218	.00082	.0895	.00072	.00812
%RSD	.19757	2.6401	.80594	.68612	.15460	1.0365	28.360	7.6208

#1	.20484	-.01529	11.540	.31621	.53291	8.7175	.00327	-.10937
#2	.20403	-.01454	11.447	.31678	.53345	8.6412	.00183	-.11277
#3	.20447	-.01471	11.356	.32024	.53453	8.5392	.00254	-.09733

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.39405	5.8888	.01625	2.4461	.11469	5.812	-.15852	<.00000
Stddev	.00213	.0386	.00105	.0136	.00014	.019	.00250	.44387
%RSD	.54095	.65641	6.4783	.55624	.12049	.3284	1.5741	8.5700

#1	.39648	5.9327	.01522	2.4304	.11457	5.806	-.15917	-4.7232
#2	.39248	5.8739	.01732	2.4537	.11484	5.796	-.16063	-5.2050
#3	.39319	5.8599	.01620	2.4541	.11465	5.833	-.15576	-5.6098

Sample Name: K2180-31 Acquired: 4/1/2019 15:33:37 Type: Unk
 Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-3 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	55.857
Stddev	.448
%RSD	.80182

#1	56.063
#2	55.343
#3	56.165

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5080.6	60645.	7765.1	88.802	4154.2
Stddev	2.5	345.	30.2	1.826	3.6
%RSD	.04868	.56813	.38933	2.0562	.08685

#1	5081.8	60290.	7800.0	90.839	4156.5
#2	5082.3	60669.	7747.6	88.255	4156.0
#3	5077.8	60978.	7747.7	87.312	4150.0

Sample Name: K2183-01 Acquired: 4/1/2019 15:38:11 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FK-0D015-03- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01884	.00471	.05349	-.02637	.00960	168.23	.68285	.00742
Stddev	.00173	.00125	.00292	.00381	.00216	.47	.00419	.00007
%RSD	9.1597	26.611	5.4671	14.433	22.443	.27850	.61300	.94092
#1	.01712	.00480	.05631	-.03072	.00717	167.81	.67810	.00749
#2	.02057	.00341	.05047	-.02366	.01126	168.13	.68444	.00744
#3	.01883	.00591	.05369	-.02472	.01038	168.74	.68600	.00735
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00978	1266.8	.10595	.16713	1.8380	251.05	2.9859	93.244
Stddev	.00058	3.9	.00074	.00088	.0034	.68	.0054	.488
%RSD	5.9586	.30617	.69975	.52626	.18246	.26985	.17968	.52315
#1	.01044	1262.3	.10516	.16812	1.8357	250.27	2.9817	92.803
#2	.00956	1268.7	.10607	.16685	1.8418	251.52	2.9840	93.161
#3	.00934	1269.3	.10663	.16643	1.8365	251.36	2.9919	93.768
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09559	-.02159	25.167	.37820	.96915	17.779	.00856	.04110
Stddev	.00120	.00036	.127	.00122	.00471	.098	.00039	.01136
%RSD	1.2599	1.6613	.50314	.32328	.48617	.55090	4.5286	27.638
#1	.09613	-.02166	25.022	.37752	.97415	17.675	.00839	.05379
#2	.09421	-.02191	25.224	.37747	.96851	17.792	.00900	.03765
#3	.09642	-.02120	25.255	.37961	.96479	17.870	.00828	.03187
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 53.847	.70831	-.00054	5.7759	.15188	F 16.99	5.3854	<.00000
Stddev	.222	.01396	.00092	.0377	.00178	.07	.0342	.13960
%RSD	.41282	1.9705	170.97	.65277	1.1749	.4369	.63526	16.424
#1	54.041	.69606	-.00119	5.8184	.15394	17.07	5.3797	-1.0026
#2	53.604	.72351	.00051	5.7462	.15084	16.92	5.3543	-.72869
#3	53.895	.70536	-.00093	5.7632	.15085	16.99	5.4221	-.81870

Sample Name: K2183-01 Acquired: 4/1/2019 15:38:11 Type: Unk
 Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: FK-0D015-03- Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	68.576
Stddev	1.057
%RSD	1.5418

#1	69.655
#2	68.533
#3	67.541

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4377.7	53676.	7337.6	80.446	3432.3
Stddev	9.2	210.	23.4	1.918	14.0
%RSD	.21067	.39111	.31897	2.3846	.40733

#1	4379.1	53890.	7314.3	78.325	3417.2
#2	4367.9	53666.	7337.4	80.953	3435.0
#3	4386.1	53471.	7361.1	82.060	3444.7

Sample Name: K2184-01 Acquired: 4/1/2019 15:42:54 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FK-0D015-03- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08630	.00845	1.4021	-.01091	.00808	129.86	1.0601	.00861
Stddev	.00310	.00034	.0066	.00334	.00021	3.15	.0293	.00019
%RSD	3.5930	3.9823	.46846	30.615	2.5696	2.4275	2.7604	2.1655
#1	.08694	.00808	1.4096	-.00751	.00832	127.84	1.0392	.00855
#2	.08902	.00874	1.3976	-.01419	.00796	128.24	1.0477	.00846
#3	.08292	.00854	1.3989	-.01104	.00796	133.49	1.0936	.00882
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00690	688.25	.29472	.15156	.62010	195.70	4.3461	268.13
Stddev	.00042	4.24	.00664	.00098	.00172	3.31	.1163	6.81
%RSD	6.1288	.61650	2.2513	.64735	.27711	1.6902	2.6761	2.5395
#1	.00718	683.67	.29101	.15269	.62057	193.58	4.2784	263.80
#2	.00710	689.04	.29077	.15109	.62154	194.00	4.2795	264.62
#3	.00641	692.05	.30238	.15090	.61820	199.51	4.4804	275.98
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.63077	-.01458	10.798	.52696	1.3812	15.749	.01513	-.01386
Stddev	.00132	.00065	.285	.01326	.0074	.384	.00038	.01397
%RSD	.20979	4.4601	2.6375	2.5160	.53692	2.4365	2.5091	100.81
#1	.63153	-.01422	10.579	.51975	1.3887	15.540	.01522	-.00126
#2	.62924	-.01419	10.694	.51887	1.3739	15.515	.01546	-.01142
#3	.63154	-.01533	11.120	.54226	1.3809	16.191	.01472	-.02888
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 39.913	1.2768	.02948	3.8943	.16325	8.394	1.2138	.77812
Stddev	.229	.0151	.00052	.0122	.00242	.045	.0027	1.2020
%RSD	.57413	1.1810	1.7543	.31424	1.4822	.5362	.22174	154.48
#1	40.159	1.2678	.02946	3.8948	.16564	8.443	1.2109	-.13063
#2	39.705	1.2942	.03001	3.8818	.16080	8.382	1.2163	.32393
#3	39.874	1.2683	.02897	3.9062	.16333	8.356	1.2143	2.1411

Sample Name: K2184-01 Acquired: 4/1/2019 15:42:54 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FK-0D015-03- Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	49.821
Stddev	1.116
%RSD	2.2400

#1	51.095
#2	49.012
#3	49.357

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4318.2	52706.	7180.0	80.636	3511.3
Stddev	3.9	1118.	8.7	3.114	19.8
%RSD	.08966	2.1208	.12153	3.8617	.56292

#1	4316.0	53352.	7171.6	83.059	3495.3
#2	4322.7	53350.	7179.6	81.725	3533.4
#3	4316.0	51415.	7189.0	77.124	3505.2

Sample Name: PB118473BL Acquired: 4/1/2019 15:47:18 Type: Unk
Method: P4-ICP2(v3010) 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	.00242	.00047	-.00453	-.00170	.00124	.01325	-.00199
Stddev	.00064	.00060	.00027	.00201	.00155	.00784	.00058
%RSD	26.595	127.43	5.9867	118.04	125.21	59.188	29.101

#1	.00239	.00042	-.00483	-.00177	.00117	.00657	-.00216
#2	.00179	.00110	-.00445	.00034	.00282	.02188	-.00135
#3	.00308	-.00010	-.00431	-.00368	-.00028	.01130	-.00247

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.00013	-.01372	.00066	.00043	-.00700	.00055
Stddev	.00007	.00008	.01551	.00019	.00005	.00021	.00021
%RSD	213.31	62.903	113.03	29.152	11.748	2.9979	38.735

#1	.00005	-.00013	-.03099	.00067	.00039	-.00694	.00044
#2	-.00007	-.00022	-.00917	.00046	.00042	-.00683	.00079
#3	-.00008	-.00005	-.00099	.00085	.00049	-.00724	.00041

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	.06168	-.00079	-.00105	-.11303	-.00048	-.00054
Stddev	.00005	.02295	.00048	.00018	.00856	.00026	.00015
%RSD	49.143	37.219	61.255	16.720	7.5774	53.776	27.524

#1	-.00013	.03564	-.00026	-.00097	-.10335	-.00018	-.00040
#2	-.00004	.07038	-.00120	-.00093	-.11960	-.00062	-.00054
#3	-.00011	.07900	-.00090	-.00125	-.11615	-.00064	-.00070

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.27008	-.00025	-.00608	.00534	.00471	-.00364	-.00196
Stddev	.02736	.00018	.01658	.00345	.00050	.00025	.00182
%RSD	10.132	71.317	272.64	64.614	10.665	6.7380	93.016

#1	-.24240	-.00007	.00834	.00816	.00511	-.00346	-.00017
#2	-.27071	-.00043	-.02419	.00636	.00414	-.00354	-.00190
#3	-.29712	-.00026	-.00239	.00149	.00486	-.00392	-.00381

Sample Name: PB118473BL Acquired: 4/1/2019 15:47:18 Type: Unk
 Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.01058	-0.0004	-0.00010	2.7701	F<.00000
Stddev	.00147	.0017	.00008	.0206	.06059
%RSD	13.933	396.4	80.049	.74228	3.8261

#1	-0.01131	.0008	-0.00003	2.7714	-1.5554
#2	-0.01154	.0002	-0.00008	2.7490	-1.5424
#3	-0.00888	-0.0023	-0.00019	2.7900	-1.6532

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4405.3	51663.	6388.3	91.594	4652.2
Stddev	3.6	147.	65.0	1.405	6.8
%RSD	.08281	.28430	1.0174	1.5338	.14669

#1	4401.4	51635.	6442.6	90.783	4649.9
#2	4405.6	51532.	6406.0	93.217	4646.8
#3	4408.7	51822.	6316.3	90.783	4659.9

Sample Name: CCV04 Acquired: 4/1/2019 15:58:50 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1900	5.2689	5.2363	5.0811	5.2472	10.561	10.132	.26516
Stddev	.0068	.0050	.0123	.0128	.0045	.047	.068	.00054
%RSD	.13032	.09576	.23407	.25204	.08549	.44412	.67411	.20410
#1	5.1974	5.2719	5.2402	5.0947	5.2524	10.592	10.154	.26474
#2	5.1840	5.2719	5.2461	5.0795	5.2448	10.507	10.055	.26577
#3	5.1887	5.2631	5.2226	5.0692	5.2445	10.585	10.186	.26497
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5199	24.151	.97509	2.6393	1.2925	4.8769	2.4788	26.246
Stddev	.0040	.021	.00111	.0066	.0015	.0077	.0088	.103
%RSD	.16030	.08715	.11391	.25203	.11934	.15845	.35513	.39224
#1	2.5184	24.164	.97387	2.6374	1.2939	4.8687	2.4887	26.223
#2	2.5245	24.162	.97536	2.6467	1.2928	4.8841	2.4719	26.156
#3	2.5168	24.127	.97604	2.6338	1.2908	4.8779	2.4758	26.358
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5033	1.2595	25.252	2.4043	2.6583	23.146	5.1875	4.7980
Stddev	.0060	.0024	.080	.0013	.0053	.069	.0060	.0208
%RSD	.23990	.18830	.31587	.05391	.19855	.29937	.11629	.43395
#1	2.5047	1.2617	25.200	2.4051	2.6587	23.086	5.1932	4.8057
#2	2.5085	1.2570	25.213	2.4028	2.6633	23.222	5.1881	4.8138
#3	2.4967	1.2599	25.344	2.4050	2.6528	23.130	5.1812	4.7744
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9336	4.7811	5.1606	4.9087	4.7660	5.259	4.9421	F 3.3205
Stddev	.0335	.0360	.0112	.0082	.0290	.017	.0166	.2400
%RSD	.67813	.75328	.21766	.16758	.60801	.3224	.33531	7.2271
#1	4.9720	4.7957	5.1678	4.9140	4.7836	5.277	4.9546	3.0446
#2	4.9107	4.8076	5.1664	4.9128	4.7818	5.257	4.9483	3.4370
#3	4.9182	4.7401	5.1477	4.8992	4.7325	5.243	4.9233	3.4800

Sample Name: CCV04 Acquired: 4/1/2019 15:58:50 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .73869
Stddev .63473
%RSD 85.926

#1 .72093
#2 .11303
#3 1.3821

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4300.1	50934.	6448.9	89.373	4223.6
Stddev	9.4	221.	58.6	.597	7.6
%RSD	.21929	.43423	.90876	.66836	.18067

#1	4289.2	50691.	6399.6	90.011	4216.8
#2	4304.8	50988.	6433.4	88.827	4222.1
#3	4306.1	51123.	6513.7	89.281	4231.8

Sample Name: CCB04 Acquired: 4/1/2019 16:02:51 Type: Unk
Method: P4-ICP2(v3010) 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	.00117	.00234	-.00443	.00014	.00105	.01273	-.00208
Stddev	.00074	.00085	.00062	.00090	.00014	.00956	.00030
%RSD	62.877	36.252	13.893	625.23	13.778	75.098	14.600

#1	.00032	.00237	-.00402	.00053	.00095	.00445	-.00238
#2	.00156	.00147	-.00514	.00078	.00099	.02319	-.00208
#3	.00164	.00316	-.00415	-.00088	.00122	.01055	-.00177

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.00016	-.02362	.00020	.00010	-.00665	.00151
Stddev	.00000	.00007	.01453	.00010	.00006	.00010	.00109
%RSD	10.910	42.290	61.508	50.048	56.070	1.4372	72.368

#1	.00002	-.00013	-.03519	.00028	.00006	-.00654	.00261
#2	.00003	-.00011	-.00732	.00009	.00017	-.00671	.00148
#3	.00002	-.00023	-.02835	.00023	.00008	-.00669	.00043

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	.07236	-.00039	.00040	-.10934	-.00018	-.00135
Stddev	.00001	.00796	.00042	.00022	.00849	.00048	.00005
%RSD	8.4431	11.002	107.61	56.411	7.7622	267.05	3.3807

#1	-.00014	.07702	-.00087	.00062	-.09954	-.00013	-.00130
#2	-.00015	.07689	-.00011	.00039	-.11399	-.00068	-.00135
#3	-.00013	.06317	-.00018	.00018	-.11448	.00027	-.00139

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.23569	.00006	-.00465	-.00527	.00688	-.00098	-.00074
Stddev	.04573	.00022	.00640	.00158	.00213	.00022	.00142
%RSD	19.403	355.71	137.68	30.021	30.974	22.236	191.87

#1	-.20583	.00032	-.00702	-.00367	.00878	-.00090	-.00171
#2	-.21290	-.00009	.00260	-.00531	.00457	-.00123	-.00139
#3	-.28834	-.00004	-.00953	-.00683	.00728	-.00081	.00089

Sample Name: CCB04 Acquired: 4/1/2019 16:02:51 Type: Unk
 Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00704	.0003	-0.00024	2.4894	F<.00000
Stddev	.00055	.0007	.00006	.0890	.29592
%RSD	7.8248	254.5	24.330	3.5742	19.030

#1	-0.00762	-0.0004	-0.00025	2.5907	-1.2705
#2	-0.00652	.0002	-0.00018	2.4534	-1.5336
#3	-0.00699	.0011	-0.00030	2.4240	-1.8612

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4461.9	52380.	6482.6	93.561	4695.5
Stddev	22.2	21.	82.1	1.096	12.8
%RSD	.49674	.04039	1.2668	1.1717	.27358

#1	4436.4	52395.	6445.0	93.125	4681.3
#2	4475.7	52356.	6426.0	92.750	4706.3
#3	4473.8	52388.	6576.8	94.808	4698.9

Sample Name: PB118473BS Acquired: 4/1/2019 16:07:19 Type: Unk
Method: P4-ICP2(v3010) 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	.75907	1.9867	.98129	1.8801	.81079	2.0112	.19654
Stddev	.00556	.0106	.00316	.0085	.00177	.0261	.00283
%RSD	.73309	.53187	.32199	.45196	.21822	1.2987	1.4400
#1	.75298	1.9755	.97798	1.8718	.80910	2.0245	.19938
#2	.76390	1.9884	.98427	1.8796	.81263	1.9811	.19372
#3	.76032	1.9964	.98163	1.8888	.81065	2.0279	.19652
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19660	.18591	.97762	.39109	.20638	.31260	2.9357
Stddev	.00096	.00077	.01293	.00191	.00067	.00110	.0155
%RSD	.49059	.41619	1.3223	.48845	.32427	.35191	.52728
#1	.19654	.18511	.99225	.38920	.20561	.31134	2.9269
#2	.19567	.18665	.96775	.39103	.20681	.31311	2.9267
#3	.19760	.18597	.97286	.39302	.20673	.31336	2.9536
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19948	2.0715	.48690	.06868	2.9357	.28934	.19434
Stddev	.00066	.0496	.00243	.00070	.0357	.00150	.00056
%RSD	.32999	2.3961	.49906	1.0148	1.2160	.51831	.28753
#1	.19872	2.0815	.48413	.06795	2.9580	.28893	.19378
#2	.19981	2.0176	.48787	.06873	2.8945	.28809	.19490
#3	.19990	2.1153	.48869	.06935	2.9546	.29100	.19434
Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.9796	.41598	F .25006	F -.00718	.80492	.67568	.18816
Stddev	.0848	.00238	.00966	.00260	.00345	.00431	.00185
%RSD	.94445	.57264	3.8637	36.254	.42851	.63753	.98120
#1	9.0068	.41336	.25797	-.00839	.80301	.67142	.18612
#2	8.8845	.41802	.23929	-.00896	.80891	.68004	.18972
#3	9.0475	.41656	.25291	-.00419	.80285	.67559	.18865

Sample Name: PB118473BS Acquired: 4/1/2019 16:07:19 Type: Unk
Method: P4-ICP2(v3010) 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	.18628	F 5.352	.19296	F 2.2630	F<.00000
Stddev	.00120	.028	.00038	.2094	.38497
%RSD	.64320	.5173	.19574	9.2541	12.327
#1	.18666	5.321	.19319	2.1883	-3.5646
#2	.18725	5.362	.19318	2.1012	-2.8590
#3	.18494	5.374	.19253	2.4995	-2.9450
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4365.5	52343.	6477.4	93.103	4576.0
Stddev	18.6	78.	58.7	1.252	17.9
%RSD	.42657	.14839	.90566	1.3450	.39140
#1	4383.1	52293.	6516.1	93.675	4592.6
#2	4346.0	52432.	6409.9	91.667	4557.0
#3	4367.3	52304.	6506.2	93.967	4578.3

Sample Name: K1689-03 Acquired: 4/1/2019 16:20:02 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NB-08-032919 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05690	.01270	.20093	-.02360	.01283	113.95	.73020	.01168
Stddev	.00188	.00055	.00007	.00459	.00194	.20	.00258	.00020
%RSD	3.3073	4.3026	.03358	19.433	15.159	.17907	.35312	1.7087

#1	.05473	.01209	.20086	-.02882	.01244	113.72	.73279	.01145
#2	.05802	.01286	.20092	-.02179	.01111	114.12	.73018	.01183
#3	.05795	.01315	.20099	-.02020	.01494	113.99	.72764	.01174

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00957	152.78	.29920	.14223	.49155	315.18	3.3593	85.652
Stddev	.00040	1.12	.00294	.00029	.00172	.87	.0051	.019
%RSD	4.1748	.73470	.98269	.20659	.35091	.27449	.15265	.02239

#1	.00924	153.80	.29820	.14251	.49271	315.76	3.3649	85.630
#2	.00945	152.95	.30251	.14226	.49237	315.61	3.3548	85.664
#3	.01001	151.58	.29689	.14192	.48957	314.19	3.3582	85.662

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22668	-.02792	24.792	.62092	.68631	10.256	.00279	.10129
Stddev	.00100	.00042	.046	.00530	.00160	.086	.00028	.00718
%RSD	.44265	1.5062	.18640	.85287	.23340	.84277	9.8864	7.0867

#1	.22670	-.02767	24.845	.61742	.68622	10.218	.00272	.10901
#2	.22767	-.02841	24.758	.62701	.68476	10.355	.00256	.09482
#3	.22567	-.02769	24.775	.61833	.68796	10.195	.00310	.10004

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.4737	4.6391	.02179	5.7526	.11026	9.339	.27729	<.00000
Stddev	.0244	.0168	.00061	.0210	.00133	.035	.00380	.29639
%RSD	.32630	.36228	2.7989	.36569	1.2097	.3789	1.3688	8.8683

#1	7.4690	4.6383	.02236	5.7688	.11095	9.360	.28044	-3.0417
#2	7.4520	4.6562	.02115	5.7603	.11110	9.298	.27835	-3.6344
#3	7.5001	4.6226	.02186	5.7289	.10872	9.359	.27307	-3.3504

Sample Name: K1689-03 Acquired: 4/1/2019 16:20:02 Type: Unk
 Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: NB-08-032919 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	70.335
Stddev	1.845
%RSD	2.6230

#1	72.158
#2	68.469
#3	70.378

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4491.5	54588.	7152.2	87.415	3835.3
Stddev	13.1	155.	69.2	1.534	8.4
%RSD	.29112	.28308	.96686	1.7546	.21827

#1	4476.7	54429.	7089.1	86.846	3828.0
#2	4496.3	54598.	7141.4	89.151	3844.4
#3	4501.5	54738.	7226.2	86.246	3833.4

Sample Name: K1689-03DUP Acquired: 4/1/2019 16:24:26 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NB-08-032919 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05206	.01244	.20529	-.02419	.01322	113.38	.73460	.01093
Stddev	.00135	.00250	.00008	.00305	.00192	1.50	.00908	.00016
%RSD	2.5856	20.058	.04094	12.594	14.542	1.3261	1.2363	1.4388

#1	.05186	.01198	.20538	-.02208	.01164	111.96	.72461	.01077
#2	.05349	.01021	.20522	-.02281	.01267	114.95	.74236	.01093
#3	.05082	.01513	.20528	-.02768	.01536	113.24	.73683	.01108

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00863	158.78	.27742	.14383	.49828	304.19	3.4550	85.035
Stddev	.00033	10.96	.00072	.00075	.00047	1.06	.0167	1.180
%RSD	3.8556	6.8996	.26034	.51903	.09525	.34836	.48248	1.3880

#1	.00838	154.34	.27691	.14315	.49783	304.35	3.4381	83.829
#2	.00851	171.26	.27710	.14371	.49824	305.16	3.4556	86.188
#3	.00901	150.74	.27825	.14463	.49878	303.06	3.4714	85.089

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22819	-.02494	25.036	.60092	.67036	10.125	.00305	.11188
Stddev	.00108	.00031	.268	.00171	.00106	.105	.00030	.01408
%RSD	.47431	1.2439	1.0721	.28456	.15786	1.0340	9.9657	12.588

#1	.22799	-.02525	24.753	.59983	.66932	10.008	.00276	.12791
#2	.22936	-.02463	25.287	.60004	.67144	10.209	.00337	.10150
#3	.22722	-.02494	25.069	.60289	.67032	10.159	.00303	.10623

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.6182	4.8395	.02455	5.7990	.11567	8.788	.33110	<.00000
Stddev	.0188	.2704	.00148	.3906	.00899	.028	.04337	.12081
%RSD	.24683	5.5881	6.0138	6.7363	7.7684	.3168	13.100	4.1248

#1	7.5967	4.7174	.02286	5.6416	.11128	8.757	.31355	-2.8046
#2	7.6314	5.1494	.02557	6.2438	.12601	8.812	.38049	-2.9364
#3	7.6266	4.6516	.02523	5.5116	.10973	8.795	.29924	-3.0458

Sample Name: K1689-03DUP Acquired: 4/1/2019 16:24:26 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NB-08-032919 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	65.750
Stddev	.190
%RSD	.28908

#1	65.933
#2	65.765
#3	65.554

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4449.9	53937.	6884.3	84.101	3799.8
Stddev	8.3	142.	403.8	5.146	3.0
%RSD	.18718	.26322	5.8652	6.1184	.07952

#1	4450.7	54101.	6990.5	84.691	3799.0
#2	4457.7	53848.	6438.0	78.685	3803.1
#3	4441.1	53862.	7224.3	88.926	3797.3

Sample Name: K1689-03LX5 Acquired: 4/1/2019 16:28:50 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01381	.00615	.02907	.00504	.00196	23.450	.14970	.00248
Stddev	.00204	.00123	.00059	.00249	.00213	.017	.00084	.00005
%RSD	14.784	19.925	2.0465	49.463	108.62	.07397	.56256	2.1168

#1	.01582	.00754	.02961	.00515	.00002	23.463	.15067	.00250
#2	.01174	.00522	.02844	.00747	.00163	23.457	.14916	.00242
#3	.01387	.00570	.02916	.00249	.00424	23.430	.14927	.00252

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00164	34.135	.06217	.02775	.10362	81.536	.76908	18.092
Stddev	.00008	.143	.00074	.00003	.00086	.239	.00329	.109
%RSD	4.8248	.41870	1.1929	.10534	.83343	.29291	.42776	.60177

#1	-.00173	34.017	.06146	.02774	.10355	81.492	.76752	17.967
#2	-.00157	34.095	.06212	.02778	.10280	81.323	.76687	18.145
#3	-.00161	34.294	.06294	.02773	.10452	81.794	.77286	18.165

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04146	-.00394	5.0718	.13265	.12305	1.9189	.00034	.03748
Stddev	.00084	.00012	.0297	.00017	.00095	.0326	.00005	.00597
%RSD	2.0306	3.1491	.58476	.12569	.76999	1.6996	16.159	15.935

#1	.04139	-.00385	5.0976	.13250	.12309	1.8828	.00028	.03077
#2	.04066	-.00388	5.0784	.13262	.12209	1.9461	.00039	.04223
#3	.04234	-.00408	5.0394	.13283	.12398	1.9279	.00034	.03942

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4034	1.0577	.00239	1.2281	.01544	1.687	.05064	.66052
Stddev	.0081	.0122	.00020	.0049	.00181	.012	.00046	.13468
%RSD	.57658	1.1509	8.1885	.40225	11.727	.7146	.90220	20.390

#1	1.4000	1.0437	.00221	1.2228	.01692	1.682	.05047	.78678
#2	1.3975	1.0641	.00260	1.2289	.01342	1.678	.05030	.67601
#3	1.4126	1.0654	.00238	1.2326	.01597	1.700	.05116	.51876

Sample Name: K1689-03LX5 Acquired: 4/1/2019 16:28:50 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	16.155
Stddev	.033
%RSD	.20360

#1	16.184
#2	16.161
#3	16.119

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4418.5	52390.	6577.9	91.770	4356.2
Stddev	21.6	177.	50.9	1.300	23.0
%RSD	.48879	.33743	.77369	1.4162	.52783

#1	4417.6	52274.	6604.4	93.212	4362.6
#2	4440.6	52593.	6610.0	91.408	4375.3
#3	4397.4	52301.	6519.2	90.689	4330.7

Sample Name: K1689-03MS Acquired: 4/1/2019 16:33:14 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NB-08-032919 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.77440	2.0951	1.2775	1.7716	.16053	121.76	1.1499	.21101
Stddev	.00451	.0052	.0051	.0014	.00150	.76	.0072	.00072
%RSD	.58279	.24784	.40003	.08012	.93462	.62258	.62153	.34296
#1	.77013	2.0898	1.2732	1.7704	.16138	120.97	1.1425	.21182
#2	.77395	2.1001	1.2761	1.7732	.16141	121.85	1.1503	.21077
#3	.77912	2.0954	1.2831	1.7713	.15880	122.47	1.1568	.21043
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20875	174.28	.54505	.36874	.82293	264.19	3.8559	91.341
Stddev	.00060	1.47	.00141	.00110	.00089	1.99	.0092	.343
%RSD	.28959	.84154	.25845	.29921	.10833	.75281	.23791	.37562
#1	.20825	172.60	.54667	.36769	.82392	266.24	3.8665	90.982
#2	.20859	174.95	.54409	.36863	.82218	264.06	3.8514	91.375
#3	.20942	175.29	.54439	.36989	.82269	262.27	3.8499	91.666
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.75071	.04917	29.908	.78519	.85179	19.411	.35244	.47907
Stddev	.00218	.00049	.108	.00023	.00258	.179	.00098	.00723
%RSD	.28988	.99551	.36197	.02950	.30303	.92141	.27686	1.5100
#1	.74820	.04973	29.798	.78494	.84906	19.343	.35132	.47222
#2	.75193	.04883	29.912	.78540	.85210	19.276	.35287	.47835
#3	.75201	.04896	30.015	.78523	.85420	19.614	.35313	.48663
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.0920	5.9179	.73263	5.4652	.30545	F 13.16	.58266	<.00000
Stddev	.0309	.0591	.00368	.0561	.00354	.05	.01093	.11720
%RSD	.43604	.99908	.50200	1.0255	1.1574	.3425	1.8764	6.3960
#1	7.0695	5.8562	.73040	5.4008	.30154	13.11	.57035	-1.8726
#2	7.0791	5.9741	.73062	5.5030	.30637	13.20	.58641	-1.9241
#3	7.1272	5.9235	.73688	5.4918	.30843	13.17	.59123	-1.7003

Sample Name: K1689-03MS Acquired: 4/1/2019 16:33:14 Type: Unk
 Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: NB-08-032919 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	54.176
Stddev	1.111
%RSD	2.0505

#1	52.933
#2	54.524
#3	55.071

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4467.6	53767.	7024.8	85.229	3825.1
Stddev	13.2	232.	27.0	.684	5.0
%RSD	.29570	.43081	.38483	.80197	.13003

#1	4455.0	53567.	7037.2	84.507	3822.4
#2	4481.3	53713.	6993.8	85.313	3830.9
#3	4466.4	54021.	7043.4	85.866	3822.2

Sample Name: K1689-03MSD Acquired: 4/1/2019 16:37:31 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NB-08-032919 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.77220	2.1023	1.2833	1.7700	.15906	122.14	1.1550	.21067
Stddev	.00397	.0154	.0091	.0080	.00113	1.08	.0080	.00040
%RSD	.51364	.73378	.70950	.45212	.70849	.88718	.68809	.18899
#1	.77341	2.0969	1.2846	1.7637	.15929	122.93	1.1548	.21036
#2	.76777	2.0902	1.2736	1.7673	.16006	120.90	1.1471	.21052
#3	.77542	2.1197	1.2917	1.7790	.15784	122.58	1.1630	.21112
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20994	182.57	.54463	.36831	.82653	263.28	3.8395	91.614
Stddev	.00130	16.92	.00235	.00237	.00507	1.78	.0056	.538
%RSD	.61941	9.2681	.43188	.64272	.61394	.67451	.14611	.58765
#1	.20997	202.07	.54228	.36808	.82317	261.23	3.8332	92.117
#2	.20863	171.79	.54463	.36607	.82404	264.36	3.8441	91.046
#3	.21123	173.84	.54699	.37078	.83236	264.25	3.8411	91.679
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.75220	.04910	29.998	.78428	.85586	19.486	.35263	.45560
Stddev	.00323	.00066	.179	.00565	.00591	.176	.00137	.01999
%RSD	.42936	1.3533	.59657	.72061	.69054	.90403	.38935	4.3880
#1	.75179	.04934	30.023	.77850	.85374	19.581	.35189	.43265
#2	.74919	.04834	29.808	.78979	.85130	19.283	.35178	.46493
#3	.75561	.04960	30.164	.78454	.86254	19.595	.35421	.46922
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.1006	6.2362	.73710	5.7252	.31831	F 13.20	.62641	<.00000
Stddev	.0598	.5829	.00348	.5267	.03232	.11	.08745	.26160
%RSD	.84171	9.3477	.47150	9.2004	10.155	.8341	13.960	16.510
#1	7.0525	6.9051	.73732	6.3329	.35561	13.16	.72722	-1.8502
#2	7.0818	5.9673	.73353	5.4006	.29853	13.12	.57089	-1.5760
#3	7.1675	5.8364	.74047	5.4420	.30078	13.32	.58113	-1.3272

Sample Name: K1689-03MSD Acquired: 4/1/2019 16:37:31 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NB-08-032919 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	54.150
Stddev	.502
%RSD	.92686

#1	54.672
#2	54.107
#3	53.671

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4464.0	53843.	6773.0	81.842	3817.5
Stddev	9.2	166.	566.0	8.221	11.0
%RSD	.20607	.30837	8.3561	10.045	.28764

#1	4474.2	54029.	6119.5	72.355	3823.1
#2	4461.8	53790.	7100.5	86.288	3824.5
#3	4456.2	53710.	7099.1	86.883	3804.9

Sample Name: K1689-03A Acquired: 4/1/2019 16:41:49 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA8094 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.77095	2.0936	1.2684	1.7659	.16386	114.92	1.0157	.20226
Stddev	.00497	.0106	.0036	.0169	.00347	6.65	.0557	.01311
%RSD	.64434	.50616	.28573	.95617	2.1188	5.7826	5.4849	6.4829
#1	.76758	2.0858	1.2721	1.7464	.16783	107.28	.95157	.18712
#2	.77666	2.1056	1.2649	1.7745	.16236	119.30	1.0523	.21016
#3	.76863	2.0892	1.2681	1.7766	.16138	118.19	1.0431	.20949
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20909	168.63	.51207	.36434	.79917	247.84	3.6056	86.543
Stddev	.00117	.82	.03518	.00057	.00379	12.28	.2467	4.982
%RSD	.55967	.48903	6.8706	.15551	.47476	4.9526	6.8413	5.7571
#1	.21044	167.71	.47146	.36403	.79997	233.67	3.3208	80.813
#2	.20843	169.31	.53327	.36400	.80251	254.69	3.7491	89.862
#3	.20840	168.85	.53148	.36500	.79504	255.17	3.7470	88.952
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.74281	.04905	28.411	.73623	.82877	18.447	.35199	.47541
Stddev	.00101	.00233	1.575	.05023	.00285	1.037	.00053	.02278
%RSD	.13556	4.7583	5.5433	6.8221	.34410	5.6193	.14928	4.7926
#1	.74169	.04636	26.601	.67823	.83206	17.252	.35181	.45439
#2	.74363	.05053	29.465	.76495	.82724	19.108	.35159	.49963
#3	.74311	.05027	29.168	.76550	.82701	18.980	.35259	.47222
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.8361	6.3896	.73425	5.3703	.29985	F 13.01	.59635	<.00000
Stddev	.0313	.0438	.00037	.0390	.00300	.04	.00920	1.6310
%RSD	.45759	.68494	.05075	.72604	1.0021	.3084	1.5432	53.954
#1	6.8000	6.4044	.73466	5.3256	.29638	12.96	.60691	-4.9014
#2	6.8534	6.3404	.73415	5.3887	.30145	13.04	.59206	-1.9664
#3	6.8549	6.4241	.73393	5.3968	.30171	13.02	.59007	-2.2010

Sample Name: K1689-03A Acquired: 4/1/2019 16:41:49 Type: Unk
 Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA8094 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	49.312
Stddev	.805
%RSD	1.6318

#1	48.491
#2	50.100
#3	49.345

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4474.2	55858.	7051.5	86.226	3837.5
Stddev	18.1	3028.	14.4	1.370	10.1
%RSD	.40538	5.4204	.20447	1.5889	.26334

#1	4466.4	59352.	7064.3	86.896	3829.7
#2	4461.3	54007.	7054.3	84.650	3833.8
#3	4494.9	54214.	7035.9	87.133	3848.9

Sample Name: K2158-01 Acquired: 4/1/2019 16:46:07 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NB-08-032919 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00161	.00228	-.00596	-.00042	-.00106	.02910	-.00233
Stddev	.00034	.00039	.00156	.00204	.00084	.00457	.00038
%RSD	21.451	16.953	26.126	488.11	78.946	15.685	16.511

#1	-.00176	.00234	-.00694	-.00258	-.00058	.02981	-.00213
#2	-.00185	.00187	-.00416	-.00013	-.00203	.02423	-.00277
#3	-.00121	.00263	-.00676	.00146	-.00058	.03328	-.00209

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	-.00023	.01887	.01096	.00026	-.01003	.03591
Stddev	.00004	.00003	.00507	.00043	.00005	.00014	.00079
%RSD	35.572	12.392	26.866	3.8845	19.239	1.4286	2.1901

#1	.00006	-.00026	.01392	.01085	.00032	-.01011	.03672
#2	.00013	-.00023	.01862	.01060	.00024	-.00986	.03588
#3	.00012	-.00021	.02405	.01143	.00022	-.01011	.03514

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00026	.00487	.00720	-.00002	-.17621	-.00019	.00489
Stddev	.00006	.06372	.00054	.00029	.01045	.00021	.00008
%RSD	21.278	1309.6	7.4561	1451.5	5.9291	111.52	1.6630

#1	.00020	.07041	.00778	-.00021	-.17257	-.00029	.00486
#2	.00028	.00104	.00671	-.00016	-.16807	-.00032	.00498
#3	.00031	-.05686	.00712	.00031	-.18799	.00005	.00483

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.20610	-.00027	-.00363	.00344	.02042	-.00375	.00073
Stddev	.02514	.00013	.00817	.00133	.00104	.00077	.00111
%RSD	12.200	46.648	224.80	38.613	5.1101	20.545	153.62

#1	-.20478	-.00034	-.01289	.00495	.02156	-.00405	.00101
#2	-.18164	-.00035	.00256	.00245	.02019	-.00434	.00167
#3	-.23187	-.00013	-.00057	.00292	.01951	-.00288	-.00050

Sample Name: K2158-01 Acquired: 4/1/2019 16:46:07 Type: Unk
 Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: NB-08-032919 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.01367	.0010	-.00005	1.5204	F<.00000
Stddev	.00142	.0011	.00001	.2267	.18212
%RSD	10.382	102.4	29.259	14.913	6.7579

#1	-.01531	.0005	-.00003	1.4443	-2.5336
#2	-.01289	.0023	-.00006	1.3416	-2.8924
#3	-.01281	.0004	-.00005	1.7754	-2.6588

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4511.5	52882.	6502.3	93.517	4761.7
Stddev	14.5	138.	186.5	3.111	12.8
%RSD	.32069	.26052	2.8677	3.3271	.26954

#1	4527.7	52915.	6287.7	89.958	4775.5
#2	4500.0	52730.	6624.3	94.867	4750.2
#3	4506.9	53000.	6594.9	95.725	4759.3

Sample Name: K2158-02 Acquired: 4/1/2019 17:02:41 Type: Unk
Method: P4-ICP2(v3010) 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	-.00051	.00160	-.00640	-.00024	.00072	.01683	-.00255
Stddev	.00128	.00010	.00096	.00120	.00080	.01179	.00042
%RSD	248.72	6.1805	15.039	491.05	112.17	70.071	16.348

#1	-.00170	.00169	-.00745	.00109	.00161	.02237	-.00254
#2	-.00067	.00161	-.00619	-.00122	.00006	.02483	-.00214
#3	.00084	.00150	-.00557	-.00060	.00048	.00329	-.00298

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	-.00030	-.02225	-.00016	-.00012	-.01146	-.01216
Stddev	.00004	.00005	.00675	.00052	.00006	.00035	.00015
%RSD	59.850	15.385	30.333	334.08	47.199	3.0757	1.2705

#1	.00010	-.00030	-.02986	-.00063	-.00018	-.01134	-.01200
#2	.00002	-.00035	-.01700	-.00023	-.00008	-.01186	-.01231
#3	.00007	-.00025	-.01987	.00040	-.00009	-.01119	-.01218

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00110	.01344	.00048	.00030	-.20900	-.00038	-.00282
Stddev	.00004	.02705	.00026	.00029	.00804	.00022	.00002
%RSD	3.6396	201.19	52.745	95.960	3.8453	57.362	.88297

#1	-.00106	.04113	.00037	.00058	-.20394	-.00062	-.00282
#2	-.00114	-.01292	.00078	.00000	-.20479	-.00033	-.00279
#3	-.00111	.01212	.00030	.00032	-.21827	-.00019	-.00284

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.23444	-.00038	-.00132	-.01061	.01164	-.00382	-.00187
Stddev	.01308	.00012	.00619	.00424	.00218	.00016	.00050
%RSD	5.5799	30.593	468.38	39.978	18.713	4.2492	26.807

#1	-.21973	-.00025	-.00564	-.00571	.01232	-.00379	-.00244
#2	-.24476	-.00046	.00577	-.01307	.00920	-.00367	-.00166
#3	-.23884	-.00043	-.00410	-.01303	.01339	-.00399	-.00151

Sample Name: K2158-02 Acquired: 4/1/2019 17:02:41 Type: Unk
Method: P4-ICP2(v3010) 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	-.01571	.0007	-.00019	.57215	F<.00000
Stddev	.00064	.0010	.00005	.05521	.29998
%RSD	4.0548	156.3	27.348	9.6490	12.115

#1	-.01634	-.0005	-.00015	.61751	-2.2769
#2	-.01507	.0009	-.00018	.51068	-2.8211
#3	-.01572	.0015	-.00025	.58827	-2.3301

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4568.7	53717.	6644.5	96.739	4910.5
Stddev	11.2	24.	26.9	.693	14.5
%RSD	.24481	.04476	.40516	.71661	.29438

#1	4560.8	53745.	6615.3	96.000	4899.0
#2	4581.5	53702.	6668.3	96.842	4926.7
#3	4563.9	53705.	6650.0	97.375	4905.8

Sample Name: K1689-04 Acquired: 4/1/2019 17:07:07 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NB-08-032919 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	-.00035	-.00001	.00025	.00014	.09150	.19720
Stddev	.00400	.00091	.00166	.00210	.00105	.00336	.00136
%RSD	6540.5	257.93	13884.	822.76	750.01	3.6755	.68777

#1	-.00055	-.00064	.00074	.00030	.00120	.09508	.19876
#2	.00433	.00067	.00114	.00233	.00012	.08841	.19654
#3	-.00359	-.00109	-.00191	-.00186	-.00090	.09102	.19630

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.00014	53.459	.00031	.00480	-.00127	.04615
Stddev	.00007	.00003	.209	.00018	.00020	.00007	.00096
%RSD	499.63	19.956	.39047	56.999	4.0659	5.3817	2.0832

#1	.00002	-.00016	53.246	.00030	.00458	-.00124	.04530
#2	.00008	-.00014	53.468	.00014	.00495	-.00121	.04595
#3	-.00006	-.00011	53.663	.00050	.00487	-.00134	.04719

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.63748	8.1276	.00400	-.00001	349.54	-.00073	.04258
Stddev	.00524	.0254	.00041	.00040	1.77	.00033	.00020
%RSD	.82240	.31288	10.220	4323.9	.50499	44.619	.47655

#1	.63799	8.1375	.00419	.00045	348.77	-.00105	.04263
#2	.63200	8.0988	.00353	-.00023	348.29	-.00074	.04275
#3	.64245	8.1467	.00427	-.00025	351.56	-.00040	.04236

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.86077	.00009	.02136	.60356	2.1737	.00119	-.00268
Stddev	.03329	.00027	.00582	.01037	.0204	.00020	.00072
%RSD	3.8679	291.20	27.222	1.7182	.93796	17.211	26.773

#1	.89646	.00041	.01883	.60340	2.1655	.00104	-.00307
#2	.85530	-.00010	.02802	.61400	2.1587	.00142	-.00313
#3	.83055	-.00003	.01725	.59327	2.1969	.00110	-.00185

Sample Name: K1689-04 Acquired: 4/1/2019 17:07:07 Type: Unk
 Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: NB-08-032919 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00278	.0027	.23969	4.4036	F<.00000
Stddev	.00174	.0012	.00050	.1567	.32556
%RSD	62.562	44.99	.20842	3.5585	15.407

#1	-.00353	.0041	.23928	4.2286	-1.8705
#2	-.00403	.0017	.23954	4.5310	-2.4830
#3	-.00079	.0024	.24025	4.4512	-1.9856

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4094.8	49032.	6390.7	90.078	4007.3
Stddev	13.3	268.	45.0	2.165	16.9
%RSD	.32501	.54655	.70385	2.4040	.42083

#1	4081.9	48857.	6402.1	92.409	3991.1
#2	4093.9	49340.	6428.9	88.129	4006.0
#3	4108.5	48899.	6341.1	89.695	4024.8

Sample Name: CCV05 Acquired: 4/1/2019 17:11:42 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2431	5.3089	5.3161	5.1215	5.3499	10.744	10.266
Stddev	.0222	.0483	.0263	.0290	.0092	.081	.020
%RSD	.42401	.90980	.49395	.56685	.17257	.75124	.19371

#1	5.2229	5.2665	5.2993	5.0903	5.3393	10.665	10.257
#2	5.2394	5.2988	5.3025	5.1264	5.3545	10.826	10.252
#3	5.2669	5.3615	5.3463	5.1477	5.3559	10.740	10.288

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.27093	2.5272	24.189	.97006	2.6725	1.3034	4.8679
Stddev	.00101	.0078	.115	.00331	.0103	.0044	.0217
%RSD	.37228	.30809	.47704	.34098	.38537	.33964	.44516

#1	.26984	2.5205	24.311	.96629	2.6637	1.3006	4.8433
#2	.27109	2.5255	24.081	.97245	2.6698	1.3085	4.8845
#3	.27184	2.5357	24.177	.97145	2.6838	1.3009	4.8758

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5199	26.213	2.5189	1.2698	25.657	2.4022	2.7149
Stddev	.0123	.166	.0087	.0035	.067	.0062	.0087
%RSD	.48978	.63210	.34419	.27871	.26292	.25964	.32047

#1	2.5100	26.022	2.5101	1.2660	25.591	2.3952	2.7072
#2	2.5159	26.316	2.5191	1.2704	25.655	2.4072	2.7132
#3	2.5337	26.301	2.5274	1.2731	25.726	2.4041	2.7244

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.549	5.2739	4.8000	4.8766	4.8636	5.2338	4.9450
Stddev	.028	.0089	.0152	.0710	.0234	.0420	.0056
%RSD	.12039	.16851	.31589	1.4561	.48028	.80264	.11239

#1	23.518	5.2690	4.7853	4.8040	4.8725	5.1996	4.9514
#2	23.575	5.2686	4.8156	4.8801	4.8371	5.2212	4.9419
#3	23.553	5.2842	4.7991	4.9459	4.8812	5.2807	4.9417

Sample Name: CCV05 Acquired: 4/1/2019 17:11:42 Type: Unk
 Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	4.8366	5.272	5.0299	F 3.6327	F<.00000
Stddev	.0236	.060	.0306	.2930	.95833
%RSD	.48866	1.140	.60859	8.0655	173.78
#1	4.8619	5.222	5.0617	3.5883	.31018
#2	4.8151	5.257	5.0006	3.9454	-1.5836
#3	4.8328	5.339	5.0274	3.3645	-.38099
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4230.4	50291.	6425.9	88.923	4172.0
Stddev	6.8	169.	33.1	.403	8.1
%RSD	.16144	.33641	.51531	.45321	.19466
#1	4222.7	50456.	6398.8	88.479	4171.0
#2	4232.9	50300.	6462.8	89.266	4180.5
#3	4235.6	50118.	6416.0	89.026	4164.4

Sample Name: CCB05 Acquired: 4/1/2019 17:18:57 Type: Unk
Method: P4-ICP2(v3010) 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	.00002	.00253	-.00558	-.00176	-.00005	.00036	-.00297
Stddev	.00343	.00018	.00079	.00176	.00177	.01050	.00038
%RSD	14028.	7.1272	14.104	100.24	3682.4	2954.0	12.709

#1	-.00391	.00240	-.00649	-.00323	.00093	-.01163	-.00262
#2	.00232	.00274	-.00511	-.00223	.00101	.00796	-.00337
#3	.00166	.00245	-.00514	.00019	-.00209	.00473	-.00292

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.00041	-.01976	-.00027	-.00014	-.00722	-.00094
Stddev	.00006	.00005	.01932	.00016	.00014	.00020	.00019
%RSD	170.44	12.001	97.780	58.287	100.29	2.7137	19.773

#1	-.00002	-.00044	-.00736	-.00041	-.00031	-.00740	-.00087
#2	.00009	-.00035	-.00990	-.00029	-.00005	-.00701	-.00080
#3	.00003	-.00044	-.04202	-.00010	-.00007	-.00724	-.00115

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00036	.00358	.00040	.00075	-.07512	.00009	-.00170
Stddev	.00002	.05751	.00019	.00051	.00597	.00009	.00014
%RSD	6.5827	1604.7	48.100	67.625	7.9537	104.24	8.0217

#1	-.00035	.01404	.00028	.00019	-.06940	.00004	-.00154
#2	-.00038	.05515	.00062	.00118	-.08132	.00020	-.00173
#3	-.00033	-.05844	.00030	.00089	-.07462	.00003	-.00181

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.18902	.00007	.00043	-.00741	.00508	-.00109	.00120
Stddev	.00441	.00011	.01328	.00060	.00290	.00107	.00039
%RSD	2.3337	152.56	3086.9	8.0427	57.177	97.766	32.854

#1	-.19128	-.00005	-.00245	-.00704	.00341	-.00005	.00156
#2	-.18394	.00015	.01491	-.00810	.00843	-.00218	.00125
#3	-.19185	.00011	-.01117	-.00709	.00339	-.00103	.00078

Sample Name: CCB05 Acquired: 4/1/2019 17:18:57 Type: Unk
 Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00734	.0024	-0.00016	1.4562	F<.00000
Stddev	.00236	.0009	.00007	.1800	.23869
%RSD	32.147	36.58	43.855	12.361	13.071

#1	-0.00754	.0018	-0.00020	1.5649	-1.6007
#2	-0.00959	.0019	-0.00008	1.2484	-1.8013
#3	-0.00488	.0034	-0.00021	1.5552	-2.0761

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4448.5	52055.	6443.0	95.131	4709.9
Stddev	6.0	251.	56.8	1.453	4.0
%RSD	.13456	.48245	.88113	1.5275	.08525

#1	4453.3	51812.	6404.0	94.150	4707.6
#2	4441.8	52039.	6416.9	94.442	4707.6
#3	4450.6	52314.	6508.1	96.800	4714.5

Sample Name: K1689-04DUP Acquired: 4/1/2019 17:23:26 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NB-08-032919 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00073	.00013	-.00052	.00039	-.00001	.07117	.18744
Stddev	.00065	.00037	.00080	.00214	.00031	.02220	.01602
%RSD	89.965	290.76	152.57	552.30	2178.8	31.187	8.5488

#1	.00017	-.00025	-.00048	-.00117	.00024	.07480	.19137
#2	.00144	.00049	-.00134	-.00050	.00007	.04739	.16982
#3	.00056	.00014	.00025	.00283	-.00036	.09133	.20113

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	-.00018	52.699	.00019	.00480	-.00035	.04198
Stddev	.00005	.00006	.177	.00019	.00022	.00014	.00613
%RSD	53.585	33.204	.33538	98.656	4.6143	38.834	14.592

#1	.00015	-.00025	52.897	.00038	.00463	-.00042	.04310
#2	.00006	-.00017	52.557	.00018	.00505	-.00044	.03537
#3	.00006	-.00013	52.642	.00001	.00472	-.00020	.04747

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.59889	7.7345	.00417	-.00047	332.30	-.00014	.04224
Stddev	.06308	.6144	.00041	.00032	28.06	.00022	.00030
%RSD	10.533	7.9436	9.9193	69.009	8.4435	157.58	.69953

#1	.61411	7.8092	.00392	-.00039	340.50	-.00003	.04236
#2	.52959	7.0862	.00464	-.00082	301.05	.00001	.04191
#3	.65297	8.3082	.00393	-.00019	355.34	-.00040	.04246

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.79201	-.00006	.02149	.60879	2.0858	.00075	-.00132
Stddev	.03701	.00020	.00459	.00529	.0373	.00013	.00089
%RSD	4.6729	327.08	21.347	.86966	1.7894	18.055	67.249

#1	.82653	.00017	.01669	.61332	2.1106	.00070	-.00192
#2	.75293	-.00016	.02196	.60297	2.0429	.00064	-.00030
#3	.79656	-.00019	.02583	.61007	2.1039	.00090	-.00174

Sample Name: K1689-04DUP Acquired: 4/1/2019 17:23:26 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NB-08-032919 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00261	.0012	.23439	1.9378	F<.00000
Stddev	.00187	.0023	.00136	2.8406	.13044
%RSD	71.763	190.5	.58234	146.59	6.6700

#1	-.00416	-.0013	.23596	2.4661	-1.8127
#2	-.00314	.0019	.23348	-1.1299	-1.9856
#3	-.00053	.0031	.23373	4.4772	-2.0684

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4133.9	52577.	6605.0	94.303	4037.4
Stddev	19.3	4669.	24.5	1.943	12.8
%RSD	.46658	8.8800	.37063	2.0606	.31721

#1	4112.4	51249.	6577.9	94.120	4023.8
#2	4149.7	57766.	6611.5	92.458	4049.2
#3	4139.7	48716.	6625.5	96.331	4039.4

Sample Name: K1689-04LX5 Acquired: 4/1/2019 17:28:01 Type: Unk
Method: P4-ICP2(v3010) 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	-.00038	.00073	-.00509	-.00141	-.00070	.01373	.03843
Stddev	.00255	.00026	.00036	.00090	.00112	.00224	.00032
%RSD	666.78	35.599	7.0033	64.004	159.19	16.317	.82570

#1	-.00258	.00080	-.00481	-.00122	.00047	.01242	.03816
#2	-.00098	.00095	-.00496	-.00062	-.00176	.01631	.03878
#3	.00241	.00044	-.00549	-.00240	-.00081	.01245	.03834

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	-.00037	11.339	-.00021	.00097	-.00646	.00776
Stddev	.00003	.00007	.018	.00011	.00010	.00014	.00094
%RSD	34.893	19.160	.16011	50.279	10.510	2.1914	12.051

#1	.00006	-.00046	11.342	-.00010	.00086	-.00655	.00682
#2	.00011	-.00033	11.356	-.00030	.00105	-.00630	.00869
#3	.00008	-.00034	11.320	-.00024	.00101	-.00653	.00777

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13438	1.7451	.00040	.00006	72.114	.00032	.00669
Stddev	.00063	.0658	.00043	.00034	.840	.00028	.00010
%RSD	.46842	3.7686	107.28	552.19	1.1648	89.755	1.4851

#1	.13393	1.6910	.00089	.00045	71.163	.00036	.00680
#2	.13510	1.8183	.00014	-.00013	72.423	.00057	.00660
#3	.13411	1.7260	.00017	-.00014	72.756	.00001	.00666

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.03121	-.00040	.00011	.11550	.46279	-.00174	-.00121
Stddev	.02116	.00003	.01890	.00141	.00537	.00063	.00036
%RSD	67.805	6.3557	16836.	1.2244	1.1593	36.244	29.668

#1	-.03947	-.00043	-.01182	.11656	.46762	-.00237	-.00130
#2	-.04701	-.00039	-.00974	.11389	.46373	-.00174	-.00152
#3	-.00717	-.00039	.02190	.11605	.45702	-.00111	-.00082

Sample Name: K1689-04LX5 Acquired: 4/1/2019 17:28:01 Type: Unk
 Method: P4-ICP2(v3010) 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	-.00601	-.0002	.04953	4.0577	F<.00000
Stddev	.00123	.0006	.00013	.1236	.53407
%RSD	20.482	341.5	.25253	3.0453	24.955
#1	-.00496	-.0008	.04960	3.9212	-2.6411
#2	-.00571	.0000	.04960	4.1620	-1.5782
#3	-.00737	.0003	.04938	4.0899	-2.2012
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4325.7	51262.	6551.8	96.306	4396.6
Stddev	21.4	260.	74.7	1.704	16.9
%RSD	.49445	.50647	1.1400	1.7697	.38458
#1	4349.6	51556.	6472.8	94.551	4415.5
#2	4308.3	51062.	6561.1	97.955	4382.9
#3	4319.3	51169.	6621.4	96.414	4391.4

Sample Name: K1689-04MS Acquired: 4/1/2019 17:32:29 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NB-08-032919 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.79177	1.9157	.98077	1.9898	.81872	2.1797	.40347
Stddev	.00177	.0045	.00467	.0112	.00292	.0228	.00277
%RSD	.22368	.23495	.47642	.56458	.35618	1.0471	.68615

#1	.79007	1.9168	.97610	1.9952	.81628	2.1545	.40066
#2	.79361	1.9195	.98076	1.9973	.82195	2.1990	.40620
#3	.79164	1.9107	.98544	1.9769	.81794	2.1856	.40355

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20843	.19188	55.078	.37851	.21250	.30005	2.8648
Stddev	.00073	.00047	.384	.00017	.00079	.00058	.0031
%RSD	.34941	.24475	.69659	.04416	.37021	.19434	.10894

#1	.20916	.19136	55.278	.37865	.21161	.29945	2.8676
#2	.20842	.19201	54.635	.37833	.21307	.30009	2.8653
#3	.20770	.19227	55.320	.37857	.21283	.30061	2.8615

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.82798	10.314	.49309	.06965	355.60	.29261	.25578
Stddev	.00067	.092	.00206	.00029	1.04	.00034	.00089
%RSD	.08115	.89499	.41748	.42354	.29119	.11507	.34673

#1	.82834	10.318	.49112	.06999	354.50	.29225	.25487
#2	.82839	10.403	.49523	.06952	356.55	.29292	.25664
#3	.82720	10.219	.49292	.06945	355.76	.29266	.25582

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.361	.40887	.28272	.59656	2.9083	.69624	.18511
Stddev	.056	.00088	.00313	.00301	.0411	.00204	.00151
%RSD	.53925	.21427	1.1056	.50443	1.4122	.29353	.81639

#1	10.325	.40799	.27981	.59892	2.9375	.69479	.18385
#2	10.425	.40974	.28602	.59758	2.8613	.69536	.18468
#3	10.333	.40887	.28234	.59317	2.9261	.69858	.18678

Sample Name: K1689-04MS Acquired: 4/1/2019 17:32:29 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NB-08-032919 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.18659	6.146	.42632	5.1655	F<.00000
Stddev	.00088	.023	.00424	.2063	.28476
%RSD	.47068	.3737	.99471	3.9947	10.901

#1	.18715	6.136	.42901	5.2864	-2.7789
#2	.18558	6.172	.42143	5.2828	-2.2835
#3	.18704	6.129	.42851	4.9272	-2.7745

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4134.0	49811.	6551.2	94.846	4035.0
Stddev	8.5	152.	96.1	1.106	2.9
%RSD	.20631	.30507	1.4663	1.1664	.07266

#1	4124.3	49646.	6462.1	93.972	4032.5
#2	4140.3	49843.	6652.9	96.090	4034.4
#3	4137.4	49945.	6538.5	94.476	4038.2

Sample Name: K1689-04MSD Acquired: 4/1/2019 17:36:45 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NB-08-032919 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.78966	1.9013	.97840	1.9909	.81972	2.1615	.40486
Stddev	.00341	.0043	.00033	.0072	.00293	.0233	.00112
%RSD	.43229	.22340	.03325	.36067	.35685	1.0776	.27575

#1	.78956	1.8996	.97834	1.9988	.82005	2.1414	.40358
#2	.79312	1.9062	.97876	1.9889	.82247	2.1561	.40537
#3	.78629	1.8982	.97811	1.9849	.81665	2.1870	.40563

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20850	.19111	55.549	.37789	.21163	.29777	2.8698
Stddev	.00051	.00056	.080	.00020	.00057	.00103	.0060
%RSD	.24562	.29543	.14317	.05241	.27091	.34727	.20820

#1	.20899	.19093	55.465	.37778	.21212	.29795	2.8754
#2	.20854	.19175	55.559	.37811	.21177	.29870	2.8635
#3	.20796	.19066	55.623	.37776	.21100	.29666	2.8706

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.82761	10.369	.49187	.06953	353.29	.29312	.25531
Stddev	.00100	.092	.00138	.00094	1.33	.00039	.00058
%RSD	.12106	.88934	.28122	1.3477	.37632	.13157	.22879

#1	.82841	10.306	.49306	.07043	351.76	.29325	.25575
#2	.82648	10.326	.49220	.06856	354.13	.29268	.25553
#3	.82793	10.475	.49035	.06961	353.99	.29342	.25464

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.315	.40782	.28774	.59823	2.9082	.69233	.18276
Stddev	.040	.00110	.01311	.00137	.0220	.00328	.00433
%RSD	.38784	.26867	4.5548	.22942	.75511	.47344	2.3692

#1	10.333	.40789	.28180	.59981	2.9328	.69437	.17833
#2	10.269	.40888	.27866	.59733	2.8907	.69406	.18297
#3	10.343	.40669	.30277	.59756	2.9011	.68854	.18698

Sample Name: K1689-04MSD Acquired: 4/1/2019 17:36:45 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NB-08-032919 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.18805	6.125	.42661	5.1607	F<.00000
Stddev	.00132	.036	.00064	.1410	.38979
%RSD	.70297	.5947	.14988	2.7319	13.994
#1	.18671	6.133	.42734	5.1853	-3.2083
#2	.18808	6.157	.42612	5.2879	-2.7072
#3	.18936	6.085	.42638	5.0091	-2.4405
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4163.9	49853.	6554.4	94.445	4065.8
Stddev	16.8	231.	53.8	1.068	15.8
%RSD	.40334	.46303	.82114	1.1310	.38914
#1	4159.5	49590.	6492.4	93.275	4058.0
#2	4149.8	50024.	6581.9	94.692	4055.5
#3	4182.5	49944.	6588.9	95.367	4084.1

Sample Name: K1689-04A Acquired: 4/1/2019 17:41:00 Type: Unk
Method: P4-ICP2(v3010) 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	.77843	1.9007	.96665	1.9811	.81064	2.1228	.40167
Stddev	.00664	.0079	.00214	.0131	.00376	.0300	.00336
%RSD	.85337	.41405	.22169	.66318	.46408	1.4139	.83572

#1	.78556	1.9089	.96883	1.9963	.81403	2.0945	.40017
#2	.77733	1.8933	.96455	1.9730	.81131	2.1543	.40551
#3	.77242	1.8999	.96656	1.9740	.80659	2.1195	.39932

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20618	.18929	55.810	.37386	.20936	.29410	2.8446
Stddev	.00085	.00082	.102	.00032	.00118	.00153	.0042
%RSD	.41059	.43450	.18220	.08501	.56298	.51861	.14594

#1	.20690	.19005	55.878	.37382	.21055	.29581	2.8446
#2	.20524	.18841	55.860	.37420	.20820	.29358	2.8405
#3	.20638	.18942	55.693	.37356	.20934	.29290	2.8488

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.82660	10.315	.48849	.06887	354.90	.29156	.25166
Stddev	.00305	.107	.00224	.00060	4.44	.00101	.00117
%RSD	.36916	1.0346	.45867	.87388	1.2517	.34637	.46449

#1	.82309	10.205	.49014	.06818	352.57	.29199	.25293
#2	.82862	10.323	.48594	.06927	352.11	.29040	.25063
#3	.82811	10.418	.48939	.06917	360.02	.29228	.25141

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.272	.40357	.29226	.60125	2.9212	.68943	.18348
Stddev	.083	.00120	.00185	.00306	.0242	.00361	.00146
%RSD	.80604	.29785	.63413	.50902	.82994	.52357	.79600

#1	10.199	.40491	.29012	.60455	2.9369	.69281	.18179
#2	10.362	.40325	.29339	.59850	2.8933	.68563	.18428
#3	10.255	.40257	.29327	.60069	2.9335	.68985	.18436

Sample Name: K1689-04A Acquired: 4/1/2019 17:41:00 Type: Unk
 Method: P4-ICP2(v3010) 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	.18844	6.149	.42765	4.7780	F<.00000
Stddev	.00032	.024	.00193	.2204	.56170
%RSD	.17169	.3961	.45086	4.6125	19.539
#1	.18815	6.173	.42943	5.0318	-3.2238
#2	.18838	6.125	.42792	4.6346	-3.1736
#3	.18879	6.149	.42561	4.6677	-2.2268
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4208.1	50349.	6558.9	94.365	4104.3
Stddev	10.2	123.	43.9	.911	12.3
%RSD	.24175	.24443	.66884	.96516	.30065
#1	4197.6	50451.	6514.4	93.540	4094.4
#2	4208.7	50212.	6602.1	94.213	4118.1
#3	4218.0	50384.	6560.2	95.343	4100.3

Sample Name: K1689-06 Acquired: 4/1/2019 17:45:14 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NB-08-032919 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00185	-.00072	-.00046	.00058	-.00094	.08988	.29994
Stddev	.00202	.00056	.00044	.00349	.00078	.01278	.00243
%RSD	108.73	77.328	96.101	604.05	83.245	14.222	.81061

#1	-.00017	-.00009	-.00049	.00452	-.00068	.07606	.30275
#2	.00187	-.00091	-.00001	-.00215	-.00182	.10129	.29854
#3	.00386	-.00116	-.00089	-.00063	-.00032	.09229	.29854

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00017	-.00001	47.205	-.00034	.00929	.00059	.01141
Stddev	.00004	.00003	.163	.00039	.00013	.00024	.00067
%RSD	22.262	397.66	.34549	117.10	1.3773	41.024	5.8768

#1	.00021	-.00004	47.305	-.00029	.00937	.00081	.01211
#2	.00014	.00002	47.017	-.00075	.00936	.00064	.01078
#3	.00017	.00000	47.293	.00003	.00914	.00033	.01134

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3413	5.8293	.00796	-.00009	327.30	-.00044	.04195
Stddev	.0050	.0176	.00051	.00034	1.11	.00017	.00013
%RSD	.37175	.30157	6.3732	384.81	.33782	38.182	.31506

#1	1.3356	5.8143	.00787	.00030	327.79	-.00036	.04180
#2	1.3449	5.8486	.00751	-.00026	326.03	-.00064	.04201
#3	1.3433	5.8251	.00851	-.00030	328.07	-.00033	.04205

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4585	-.00002	.01016	.64258	1.9760	.00013	-.00179
Stddev	.0408	.00009	.01243	.00061	.0123	.00044	.00178
%RSD	2.7957	534.55	122.36	.09415	.62270	349.93	99.281

#1	1.4507	-.00010	.00106	.64304	1.9660	-.00037	-.00384
#2	1.4222	.00008	.02431	.64190	1.9897	.00048	-.00064
#3	1.5026	-.00003	.00509	.64281	1.9722	.00027	-.00090

Sample Name: K1689-06 Acquired: 4/1/2019 17:45:14 Type: Unk
 Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: NB-08-032919 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00099	.0002	.26044	4.6786	F<.00000
Stddev	.00010	.0013	.00045	.2230	.08598
%RSD	10.209	802.6	.17301	4.7659	4.5498

#1	.00094	.0011	.26092	4.9066	-1.8550
#2	.00093	-.0013	.26003	4.4610	-1.8267
#3	.00111	.0006	.26037	4.6683	-1.9878

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4199.8	50017.	6560.8	93.936	4110.6
Stddev	8.4	8.	12.1	1.159	4.8
%RSD	.19921	.01621	.18461	1.2338	.11782

#1	4204.1	50023.	6573.3	95.098	4110.7
#2	4190.2	50008.	6549.1	92.780	4105.7
#3	4205.2	50020.	6560.1	93.931	4115.4

Sample Name: K1692-06 Acquired: 4/1/2019 17:49:48 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OK-03-032919 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00116	-.00076	-.00157	-.00025	-.00065	.09642	.10156
Stddev	.00178	.00048	.00078	.00054	.00240	.00795	.00033
%RSD	153.06	63.497	49.724	219.35	369.27	8.2498	.32919

#1	-.00291	-.00128	-.00191	-.00032	-.00003	.09976	.10133
#2	.00064	-.00035	-.00068	-.00075	-.00330	.08734	.10140
#3	-.00121	-.00063	-.00211	.00033	.00138	.10216	.10194

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.00031	47.207	.00050	.00417	-.00043	.03126
Stddev	.00006	.00004	.148	.00038	.00020	.00014	.00059
%RSD	231.83	13.666	.31281	76.915	4.7883	31.496	1.8879

#1	.00002	-.00034	47.037	.00090	.00433	-.00048	.03192
#2	-.00003	-.00033	47.303	.00045	.00395	-.00028	.03110
#3	.00009	-.00026	47.280	.00014	.00423	-.00054	.03077

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.77612	6.3335	.00320	-.00004	339.69	-.00030	.01978
Stddev	.00247	.0708	.00004	.00048	2.66	.00035	.00010
%RSD	.31850	1.1183	1.1816	1335.0	.78343	118.99	.50927

#1	.77426	6.3997	.00322	.00022	340.54	-.00024	.01990
#2	.77518	6.2588	.00316	-.00059	336.71	.00002	.01973
#3	.77893	6.3422	.00323	.00026	341.83	-.00068	.01971

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2885	-.00027	.00913	.18684	.54656	.00017	-.00211
Stddev	.0243	.00014	.00790	.00354	.00615	.00058	.00120
%RSD	1.8854	52.567	86.567	1.8933	1.1259	350.75	56.733

#1	1.2746	-.00039	.01786	.18711	.54144	-.00041	-.00089
#2	1.2744	-.00029	.00704	.18317	.55339	.00016	-.00328
#3	1.3166	-.00012	.00248	.19023	.54486	.00075	-.00215

Sample Name: K1692-06 Acquired: 4/1/2019 17:49:48 Type: Unk
 Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OK-03-032919 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00109	.0017	.11708	4.9742	F<.00000
Stddev	.00211	.0001	.00014	.1648	.33332
%RSD	193.63	8.106	.12032	3.3131	21.271
#1	-.00067	.0015	.11695	4.7897	-1.8595
#2	.00343	.0018	.11723	5.0262	-1.2041
#3	.00051	.0016	.11706	5.1067	-1.6374
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4188.5	49822.	6517.2	92.749	4106.2
Stddev	15.1	130.	35.9	.717	20.6
%RSD	.35945	.26111	.55138	.77301	.50119
#1	4171.2	49696.	6547.7	92.465	4083.2
#2	4195.6	49956.	6477.6	93.565	4122.9
#3	4198.8	49813.	6526.4	92.219	4112.6

Sample Name: K2171-02 Acquired: 4/1/2019 17:54:23 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: GW-COMP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00106	-.00051	-.00304	.00020	.00075	.16150	.16594
Stddev	.00254	.00138	.00120	.00193	.00059	.00821	.00112
%RSD	240.06	271.59	39.433	985.46	77.695	5.0859	.67641

#1	.00042	-.00016	-.00170	-.00164	.00008	.15547	.16512
#2	-.00400	.00066	-.00401	.00221	.00114	.15818	.16547
#3	.00040	-.00204	-.00342	.00002	.00104	.17086	.16722

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.00031	3.3119	.00055	.00024	-.00456	.18467
Stddev	.00007	.00001	.0021	.00054	.00017	.00027	.00067
%RSD	898.79	1.9632	.06414	98.193	69.168	5.8938	.36377

#1	.00006	-.00030	3.3098	.00107	.00006	-.00466	.18429
#2	.00000	-.00031	3.3140	.00056	.00040	-.00476	.18427
#3	-.00009	-.00031	3.3119	.00000	.00026	-.00425	.18545

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03445	.99515	-.00022	.00030	313.90	.00069	.18803
Stddev	.00022	.03632	.00047	.00047	1.37	.00047	.00031
%RSD	.64380	3.6501	212.69	156.49	.43798	67.516	.16715

#1	.03425	.95466	.00022	.00068	313.52	.00119	.18781
#2	.03442	1.0059	-.00017	-.00022	312.75	.00026	.18839
#3	.03469	1.0249	-.00071	.00043	315.42	.00063	.18788

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50585	-.00012	.04424	.89705	.91445	-.00167	.00376
Stddev	.02715	.00012	.00367	.00596	.00879	.00050	.00060
%RSD	5.3663	102.04	8.2991	.66413	.96127	30.055	15.980

#1	.48209	-.00010	.04789	.89051	.90514	-.00116	.00312
#2	.50003	-.00025	.04055	.90216	.92260	-.00216	.00385
#3	.53544	-.00001	.04427	.89850	.91562	-.00169	.00431

Sample Name: K2171-02 Acquired: 4/1/2019 17:54:23 Type: Unk
 Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: GW-COMP Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00265	.1671	.02098	4.3884	F<.00000
Stddev	.00248	.0018	.00004	.2433	.58846
%RSD	93.349	1.084	.17587	5.5450	30.544

#1	-.00093	.1653	.02098	4.3208	-1.4111
#2	-.00549	.1672	.02102	4.1861	-2.5677
#3	-.00154	.1689	.02094	4.6584	-1.8010

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4240.9	50528.	6545.7	96.536	4217.5
Stddev	6.8	245.	30.4	.396	8.3
%RSD	.16079	.48508	.46431	.40986	.19766

#1	4234.3	50323.	6515.0	96.092	4213.6
#2	4240.4	50799.	6546.5	96.667	4211.9
#3	4247.9	50461.	6575.8	96.850	4227.1

Sample Name: K2174-02 Acquired: 4/1/2019 17:58:57 Type: Unk
 Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RBR200030 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00096	-.00066	.00068	.00123	.00139	.22784	.20436
Stddev	.00095	.00113	.00107	.00150	.00107	.00717	.00056
%RSD	99.438	170.61	157.87	122.24	77.303	3.1458	.27415

#1	-.00114	-.00093	.00031	.00233	.00028	.23188	.20478
#2	-.00181	-.00163	.00188	-.00048	.00242	.21957	.20458
#3	.00007	.00058	-.00016	.00184	.00146	.23209	.20372

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00014	-.00025	2.8535	.00013	.00179	-.00522	.00010
Stddev	.00002	.00002	.0082	.00018	.00025	.00024	.00032
%RSD	14.031	8.1572	.28658	133.16	14.022	4.6379	325.83

#1	.00012	-.00023	2.8629	.00033	.00207	-.00522	.00025
#2	.00013	-.00027	2.8494	-.00002	.00162	-.00499	.00032
#3	.00016	-.00025	2.8481	.00010	.00166	-.00547	-.00027

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06973	.63052	.00182	-.00000	370.50	-.00006	.21855
Stddev	.00030	.04121	.00022	.00042	4.47	.00040	.00108
%RSD	.43726	6.5353	12.267	24759.	1.2068	707.33	.49316

#1	.06960	.58335	.00206	.00025	371.78	-.00035	.21810
#2	.07008	.64866	.00162	.00023	365.53	.00040	.21777
#3	.06951	.65953	.00178	-.00048	374.20	-.00022	.21978

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.62661	-.00014	.05497	2.0367	.50284	-.00233	-.00107
Stddev	.01646	.00012	.01020	.0137	.00308	.00050	.00116
%RSD	2.6270	91.678	18.562	.67136	.61256	21.438	108.31

#1	.64223	-.00003	.04418	2.0525	.50308	-.00276	-.00187
#2	.62819	-.00027	.05628	2.0289	.50579	-.00246	.00026
#3	.60942	-.00010	.06446	2.0287	.49964	-.00178	-.00159

Sample Name: K2174-02 Acquired: 4/1/2019 17:58:57 Type: Unk
 Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RBR200030 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00202	.0005	.02221	5.0932	F<.00000
Stddev	.00034	.0005	.00006	.1738	.25092
%RSD	16.990	83.99	.25366	3.4129	13.960

#1	-.00236	.0000	.02226	5.1170	-1.5652
#2	-.00200	.0007	.02215	4.9087	-2.0636
#3	-.00168	.0009	.02222	5.2539	-1.7636

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4249.8	49938.	6507.2	94.106	4197.0
Stddev	2.8	28.	7.1	2.137	11.1
%RSD	.06526	.05527	.10941	2.2707	.26563

#1	4252.1	49922.	6503.8	91.742	4184.9
#2	4246.7	49970.	6515.3	94.675	4206.9
#3	4250.5	49922.	6502.4	95.900	4199.2

Sample Name: K2179-04 Acquired: 4/1/2019 18:03:31 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-4S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00048	-.00036	-.00583	.00072	-.00032	.04725	.07669
Stddev	.00291	.00108	.00092	.00347	.00056	.00133	.00058
%RSD	608.80	301.31	15.806	483.49	174.35	2.8144	.76094

#1	.00270	.00087	-.00660	.00440	.00022	.04874	.07626
#2	-.00302	-.00082	-.00481	-.00249	-.00029	.04617	.07736
#3	-.00112	-.00113	-.00608	.00025	-.00089	.04684	.07646

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	-.00047	9.4251	.00262	.00921	-.00398	.01685
Stddev	.00003	.00002	.0727	.00023	.00025	.00029	.00030
%RSD	61.065	4.5572	.77163	8.7961	2.7589	7.2423	1.7796

#1	.00002	-.00048	9.3529	.00236	.00940	-.00370	.01667
#2	.00005	-.00048	9.4241	.00268	.00892	-.00396	.01720
#3	.00009	-.00045	9.4983	.00281	.00930	-.00428	.01669

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05416	.38023	.00406	.00014	387.12	.00051	.01091
Stddev	.00051	.04835	.00020	.00053	3.12	.00017	.00019
%RSD	.95019	12.715	4.8186	380.16	.80628	34.003	1.7846

#1	.05360	.38544	.00422	.00075	387.76	.00059	.01108
#2	.05425	.42577	.00413	-.00007	389.88	.00063	.01070
#3	.05462	.32950	.00385	-.00026	383.73	.00031	.01096

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.46115	-.00018	.00046	.11317	.40226	-.00178	-.00034
Stddev	.00254	.00022	.00867	.00288	.00412	.00047	.00151
%RSD	.55047	120.98	1902.7	2.5475	1.0242	26.434	448.70

#1	.46343	.00006	.00533	.11088	.40203	-.00132	.00061
#2	.45842	-.00036	-.00956	.11221	.39826	-.00176	.00046
#3	.46159	-.00025	.00560	.11641	.40649	-.00227	-.00208

Sample Name: K2179-04 Acquired: 4/1/2019 18:03:31 Type: Unk
 Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-4S Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00180	.0182	.06479	5.3345	F<.00000
Stddev	.00243	.0010	.00008	.2308	.50256
%RSD	135.28	5.693	.12494	4.3262	31.567

#1	-.00418	.0191	.06478	5.4201	-2.1428
#2	-.00191	.0171	.06488	5.5103	-1.1583
#3	.00069	.0185	.06472	5.0732	-1.4750

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4235.2	50339.	6578.1	95.467	4150.0
Stddev	8.2	115.	28.9	.606	11.0
%RSD	.19321	.22857	.43916	.63506	.26512

#1	4227.8	50377.	6545.8	94.767	4137.3
#2	4234.0	50210.	6601.3	95.825	4155.9
#3	4244.0	50430.	6587.3	95.808	4156.7

Sample Name: CCV06 Acquired: 4/1/2019 18:08:06 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1977	5.3291	5.2530	5.1374	5.2745	10.504	10.294	F .27724
Stddev	.0136	.0203	.0134	.0052	.0077	.017	.063	.00085
%RSD	.26102	.38045	.25433	.10104	.14587	.16625	.61646	.30670
#1	5.2051	5.3524	5.2663	5.1318	5.2834	10.507	10.252	.27732
#2	5.1820	5.3154	5.2532	5.1382	5.2698	10.520	10.367	.27804
#3	5.2060	5.3195	5.2395	5.1421	5.2703	10.485	10.264	.27635
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5197	24.992	.99228	2.6557	1.2864	4.9884	2.4944	26.854
Stddev	.0077	.178	.00204	.0092	.0042	.0055	.0119	.159
%RSD	.30615	.71241	.20527	.34465	.32671	.10932	.47695	.59264
#1	2.5259	24.786	.99246	2.6614	1.2911	4.9921	2.4972	26.803
#2	2.5220	25.095	.99422	2.6605	1.2849	4.9910	2.5047	27.032
#3	2.5111	25.094	.99016	2.6452	1.2831	4.9821	2.4814	26.726
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5289	1.2786	25.915	2.4948	2.6854	23.652	5.2165	4.8467
Stddev	.0074	.0028	.066	.0017	.0062	.076	.0094	.0262
%RSD	.29321	.21620	.25501	.06979	.23033	.32314	.18039	.54008
#1	2.5344	1.2808	25.841	2.4962	2.6897	23.597	5.2267	4.8244
#2	2.5318	1.2796	25.969	2.4928	2.6882	23.740	5.2145	4.8755
#3	2.5204	1.2755	25.936	2.4952	2.6783	23.620	5.2082	4.8402
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9711	4.9168	5.1951	4.9974	4.8464	5.349	5.0617	5.0517
Stddev	.0046	.0077	.0114	.0299	.0139	.015	.0074	.2286
%RSD	.09163	.15574	.22026	.59877	.28680	.2823	.14581	4.5243
#1	4.9724	4.9100	5.2050	4.9629	4.8591	5.354	5.0578	5.0657
#2	4.9661	4.9251	5.1978	5.0159	4.8486	5.331	5.0702	4.8165
#3	4.9749	4.9152	5.1826	5.0134	4.8316	5.360	5.0571	5.2729

Sample Name: CCV06 Acquired: 4/1/2019 18:08:06 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .47704
Stddev .19715
%RSD 41.329

#1 .28108
#2 .67536
#3 .47467

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4362.0	51265.	6486.4	94.599	4279.0
Stddev	18.8	110.	13.0	.356	19.2
%RSD	.43102	.21478	.19999	.37584	.44906

#1	4342.3	51178.	6475.9	94.477	4260.9
#2	4364.1	51229.	6482.5	95.000	4277.0
#3	4379.7	51389.	6500.9	94.321	4299.1

Sample Name: CCB06 Acquired: 4/1/2019 18:12:27 Type: Unk
Method: P4-ICP2(v3010) 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	.00126	.00236	-.00580	.00021	-.00020	-.00798	-.00237
Stddev	.00208	.00087	.00079	.00251	.00076	.01553	.00010
%RSD	164.82	36.934	13.600	1220.7	370.17	194.54	4.2039

#1	.00223	.00336	-.00544	-.00255	-.00063	.00866	-.00242
#2	-.00113	.00171	-.00671	.00238	.00067	-.01053	-.00226
#3	.00269	.00203	-.00526	.00078	-.00065	-.02208	-.00244

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	-.00043	-.01747	-.00056	-.00010	-.00714	-.00167
Stddev	.00004	.00001	.00953	.00009	.00011	.00028	.00075
%RSD	68.966	2.8191	54.520	16.054	103.64	3.9741	45.091

#1	.00010	-.00043	-.01336	-.00066	-.00011	-.00731	-.00124
#2	.00003	-.00042	-.02837	-.00054	-.00020	-.00681	-.00253
#3	.00004	-.00045	-.01069	-.00048	.00001	-.00730	-.00122

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00027	-.00854	.00005	.00029	.08566	-.00002	-.00200
Stddev	.00003	.01816	.00029	.00014	.01314	.00018	.00006
%RSD	9.7846	212.57	614.00	48.012	15.339	803.22	2.8758

#1	-.00026	-.01160	-.00028	.00032	.09127	-.00018	-.00194
#2	-.00024	.01095	.00018	.00040	.09506	.00017	-.00201
#3	-.00029	-.02498	.00024	.00013	.07064	-.00006	-.00206

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.22144	-.00016	.00293	-.00956	.00949	-.00166	-.00164
Stddev	.02408	.00034	.00511	.00163	.00193	.00032	.00091
%RSD	10.875	207.86	174.05	17.032	20.316	19.118	55.830

#1	-.22373	.00023	-.00296	-.00768	.00731	-.00154	-.00194
#2	-.19629	-.00032	.00592	-.01043	.01017	-.00143	-.00236
#3	-.24429	-.00040	.00585	-.01057	.01098	-.00202	-.00061

Sample Name: CCB06 Acquired: 4/1/2019 18:12:27 Type: Unk
 Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00516	.0005	-0.00012	F 3.6844	F<.00000
Stddev	.00071	.0006	.00004	.1941	.34875
%RSD	13.737	127.5	30.175	5.2679	16.671
#1	-0.00520	.0001	-0.00014	3.5752	-2.2012
#2	-0.00585	.0011	-0.00015	3.9085	-2.3730
#3	-0.00443	.0001	-0.00008	3.5696	-1.7016
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4523.1	52676.	6488.6	97.047	4777.7
Stddev	1.9	173.	16.5	1.368	2.2
%RSD	.04227	.32911	.25403	1.4101	.04515
#1	4521.0	52490.	6502.4	96.692	4775.6
#2	4524.8	52705.	6470.3	95.892	4777.6
#3	4523.4	52833.	6492.9	98.558	4779.9

Sample Name: K2179-08 Acquired: 4/1/2019 18:16:56 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-4D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00224	-.00013	-.00537	.00212	.00004	.04046	.09286
Stddev	.00147	.00105	.00059	.00211	.00086	.00629	.00191
%RSD	65.465	824.06	10.980	99.573	2094.6	15.544	2.0614

#1	-.00078	.00043	-.00544	.00454	.00090	.03579	.09069
#2	-.00224	-.00134	-.00474	.00064	.00004	.04762	.09357
#3	-.00371	.00053	-.00592	.00119	-.00082	.03798	.09432

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.00051	4.2319	.00035	-.00035	-.00500	.01073
Stddev	.00012	.00006	.2818	.00032	.00035	.00025	.00099
%RSD	401.91	12.082	6.6594	91.834	98.642	4.9405	9.2472

#1	.00004	-.00044	3.9073	-.00001	-.00069	-.00476	.00959
#2	.00014	-.00056	4.4149	.00044	.00000	-.00525	.01125
#3	-.00009	-.00052	4.3733	.00062	-.00037	-.00499	.01137

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00576	.31458	.00135	.00054	413.35	-.00025	.01032
Stddev	.00010	.02902	.00053	.00035	2.71	.00039	.00018
%RSD	1.7135	9.2264	39.523	64.553	.65647	154.67	1.6986

#1	.00566	.31826	.00174	.00094	412.06	-.00057	.01015
#2	.00586	.34159	.00074	.00036	411.52	.00018	.01031
#3	.00576	.28389	.00157	.00031	416.47	-.00035	.01051

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49899	-.00009	.00085	.07710	.21923	-.00028	-.00073
Stddev	.02922	.00012	.00560	.00202	.01359	.00066	.00127
%RSD	5.8551	138.48	660.37	2.6250	6.1997	232.07	174.18

#1	.46556	-.00010	.00666	.07797	.20365	.00046	-.00073
#2	.51173	.00004	.00040	.07855	.22535	-.00080	.00054
#3	.51967	-.00021	-.00451	.07479	.22867	-.00051	-.00199

Sample Name: K2179-08 Acquired: 4/1/2019 18:16:56 Type: Unk
 Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-4D Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00187	.0226	.03073	5.4925	F<.00000
Stddev	.00128	.0004	.00187	.2580	.29432
%RSD	68.774	1.581	6.0802	4.6970	14.746
#1	-.00328	.0224	.02857	5.2355	-2.1671
#2	-.00078	.0225	.03188	5.7515	-1.6561
#3	-.00153	.0230	.03173	5.4906	-2.1646
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4278.3	49728.	6717.1	97.922	4182.7
Stddev	12.7	203.	308.6	4.276	14.8
%RSD	.29675	.40869	4.5943	4.3670	.35306
#1	4263.9	49526.	7072.7	102.86	4166.2
#2	4287.9	49725.	6520.2	95.342	4194.8
#3	4283.2	49932.	6558.3	95.567	4187.0

Sample Name: K2179-12 Acquired: 4/1/2019 18:21:34 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-8S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00140	-.00057	-.00490	.00346	.00057	.04136	.06961
Stddev	.00052	.00145	.00062	.00031	.00105	.01130	.00034
%RSD	37.513	254.51	12.575	8.9200	184.76	27.311	.48371

#1	-.00189	-.00157	-.00473	.00381	-.00008	.04132	.06927
#2	-.00084	-.00124	-.00438	.00334	.00000	.03009	.06961
#3	-.00146	.00109	-.00558	.00323	.00178	.05268	.06994

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	-.00054	4.8147	-.00027	.00194	-.00449	.00488
Stddev	.00002	.00008	.0217	.00025	.00011	.00051	.00032
%RSD	22.063	14.933	.45100	92.471	5.8875	11.236	6.4968

#1	.00007	-.00046	4.8172	-.00013	.00208	-.00456	.00494
#2	.00009	-.00054	4.8350	-.00056	.00187	-.00497	.00517
#3	.00006	-.00062	4.7918	-.00012	.00188	-.00396	.00454

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04583	.63756	.00171	-.00004	333.16	.00021	.01122
Stddev	.00025	.01101	.00023	.00020	2.97	.00019	.00004
%RSD	.54759	1.7272	13.270	530.17	.89205	90.475	.39180

#1	.04593	.64507	.00177	.00019	332.15	.00001	.01127
#2	.04555	.64270	.00146	-.00021	330.82	.00024	.01119
#3	.04603	.62492	.00191	-.00009	336.50	.00039	.01119

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.30342	.00001	-.00111	.18892	.15949	-.00118	.00017
Stddev	.01723	.00025	.00120	.00182	.00130	.00065	.00162
%RSD	5.6793	3423.6	108.12	.96150	.81801	55.372	946.60

#1	.29270	-.00020	-.00128	.18697	.16051	-.00100	-.00070
#2	.29427	.00028	-.00222	.18923	.15995	-.00189	-.00083
#3	.32330	-.00006	.00017	.19056	.15802	-.00063	.00205

Sample Name: K2179-12 Acquired: 4/1/2019 18:21:34 Type: Unk
 Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-8S Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00088	.0157	.01924	5.4020	F<.00000
Stddev	.00123	.0006	.00012	.2250	.83430
%RSD	139.54	4.027	.63289	4.1652	42.774
#1	-.00226	.0152	.01934	5.2402	-1.1028
#2	-.00045	.0164	.01910	5.6589	-2.7707
#3	.00008	.0155	.01928	5.3068	-1.9780
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4326.8	50772.	6531.8	95.769	4251.3
Stddev	3.8	147.	59.7	1.990	4.9
%RSD	.08893	.28866	.91372	2.0779	.11562
#1	4324.7	50603.	6483.8	93.475	4246.3
#2	4324.5	50860.	6513.0	96.808	4251.3
#3	4331.3	50854.	6598.7	97.025	4256.2

Sample Name: K2179-16 Acquired: 4/1/2019 18:26:12 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-8D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00072	-.00043	-.00558	.00027	.00068	.02241	.08093
Stddev	.00028	.00079	.00063	.00167	.00025	.01156	.00094
%RSD	38.992	181.97	11.237	619.74	37.171	51.581	1.1629

#1	-.00103	.00048	-.00579	.00126	.00048	.03416	.08062
#2	-.00048	-.00095	-.00608	-.00166	.00059	.02204	.08019
#3	-.00066	-.00083	-.00488	.00121	.00096	.01104	.08199

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	-.00056	3.9385	.00630	-.00032	-.00388	.01824
Stddev	.00011	.00003	.0186	.00035	.00011	.00053	.00080
%RSD	113.22	5.6487	.47228	5.5992	35.823	13.628	4.4046

#1	.00022	-.00058	3.9424	.00661	-.00020	-.00367	.01908
#2	.00004	-.00057	3.9182	.00637	-.00033	-.00348	.01748
#3	.00003	-.00052	3.9548	.00591	-.00042	-.00447	.01816

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03753	.57834	.00226	-.00010	366.91	.00023	.01032
Stddev	.00004	.06546	.00066	.00043	1.37	.00012	.00005
%RSD	.10515	11.318	29.218	427.95	.37289	54.813	.46574

#1	.03755	.51286	.00221	.00025	366.28	.00027	.01028
#2	.03749	.57840	.00162	-.00058	365.97	.00009	.01030
#3	.03756	.64377	.00294	.00003	368.48	.00032	.01037

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.37032	-.00005	-.00167	.25057	.17602	-.00207	.00038
Stddev	.03128	.00034	.00846	.00271	.00236	.00012	.00195
%RSD	8.4458	664.69	507.24	1.0810	1.3428	5.7809	511.75

#1	.39813	-.00003	-.00880	.24931	.17721	-.00198	.00117
#2	.37637	.00028	.00768	.24873	.17755	-.00220	.00181
#3	.33646	-.00040	-.00389	.25368	.17330	-.00202	-.00184

Sample Name: K2179-16 Acquired: 4/1/2019 18:26:12 Type: Unk
 Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-8D Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00186	.0188	.01524	5.6838	F<.00000
Stddev	.00055	.0012	.00004	.0382	.42822
%RSD	29.783	6.166	.29293	.67116	35.158
#1	-.00165	.0175	.01527	5.7056	-.72791
#2	-.00249	.0198	.01527	5.7060	-1.5200
#3	-.00144	.0189	.01519	5.6397	-1.4059
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4289.9	50520.	6513.0	96.606	4196.3
Stddev	1.1	144.	57.4	.083	4.8
%RSD	.02673	.28408	.88142	.08641	.11547
#1	4288.8	50357.	6467.9	96.575	4197.4
#2	4291.1	50575.	6493.4	96.542	4200.5
#3	4289.7	50628.	6577.6	96.700	4191.0

Sample Name: K2179-20 Acquired: 4/1/2019 18:30:50 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-5S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00249	-.00157	-.00459	.00094	.00081	.03748	.06863
Stddev	.00221	.00053	.00033	.00201	.00067	.00863	.00051
%RSD	88.970	33.643	7.3008	214.68	82.953	23.024	.73934

#1	.00003	-.00122	-.00492	-.00086	.00156	.04308	.06914
#2	-.00413	-.00131	-.00425	.00311	.00057	.02754	.06812
#3	-.00336	-.00218	-.00458	.00056	.00028	.04182	.06863

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	-.00058	5.1473	.00172	.00115	-.00358	.01667
Stddev	.00006	.00010	.0149	.00018	.00007	.00012	.00033
%RSD	91.550	16.619	.29011	10.391	5.8297	3.3559	1.9574

#1	-.00000	-.00047	5.1380	.00167	.00113	-.00345	.01685
#2	-.00013	-.00061	5.1645	.00157	.00109	-.00363	.01630
#3	-.00007	-.00065	5.1393	.00192	.00123	-.00367	.01687

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01147	.50370	.00141	-.00035	394.41	.00041	.01090
Stddev	.00001	.01769	.00029	.00051	1.72	.00022	.00007
%RSD	.06596	3.5111	20.560	143.95	.43612	55.234	.60902

#1	.01146	.50306	.00174	-.00049	393.14	.00032	.01093
#2	.01147	.48635	.00130	.00021	393.71	.00024	.01082
#3	.01148	.52170	.00119	-.00078	396.36	.00066	.01094

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18857	-.00002	.00468	.12016	.22603	-.00172	.00180
Stddev	.00582	.00010	.01154	.00522	.00111	.00102	.00117
%RSD	3.0850	524.59	246.86	4.3444	.48947	59.585	65.056

#1	.19400	-.00010	-.00853	.12617	.22598	-.00054	.00083
#2	.18243	.00009	.01283	.11674	.22496	-.00223	.00147
#3	.18928	-.00005	.00973	.11757	.22717	-.00237	.00310

Sample Name: K2179-20 Acquired: 4/1/2019 18:30:50 Type: Unk
 Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-5S Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00137	.0199	.03721	6.1954	F<.00000
Stddev	.00230	.0007	.00020	.1369	.18117
%RSD	168.02	3.625	.53854	2.2089	14.005

#1	.00021	.0191	.03729	6.3471	-1.3386
#2	-.00030	.0205	.03736	6.1580	-1.0942
#3	-.00402	.0201	.03698	6.0812	-1.4481

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4223.0	49492.	6396.3	93.533	4145.7
Stddev	14.0	174.	54.5	.329	11.3
%RSD	.33065	.35143	.85150	.35201	.27219

#1	4209.5	49297.	6440.3	93.867	4132.7
#2	4222.2	49630.	6335.4	93.208	4152.4
#3	4237.4	49550.	6413.2	93.525	4152.0

Sample Name: K2180-04 Acquired: 4/1/2019 18:35:26 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00163	-.00057	.03598	.00150	.00127	.05818	.10731
Stddev	.00068	.00123	.00040	.00247	.00099	.01589	.00046
%RSD	41.496	213.36	1.1038	164.27	77.942	27.303	.42547

#1	-.00098	.00023	.03644	-.00120	.00053	.04735	.10730
#2	-.00233	-.00198	.03578	.00365	.00089	.05078	.10686
#3	-.00158	.00003	.03573	.00206	.00239	.07642	.10777

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	-.00016	33.715	.00267	.00134	-.00143	.04371
Stddev	.00001	.00005	.034	.00022	.00022	.00042	.00061
%RSD	13.846	30.757	.10038	8.1248	16.177	29.229	1.3865

#1	.00007	-.00017	33.679	.00271	.00114	-.00150	.04415
#2	.00007	-.00010	33.721	.00243	.00132	-.00099	.04397
#3	.00009	-.00019	33.746	.00286	.00157	-.00182	.04302

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22179	2.0437	.00270	.00004	322.15	.00086	.09814
Stddev	.00063	.0261	.00061	.00029	1.64	.00017	.00016
%RSD	.28383	1.2784	22.444	745.47	.50870	19.864	.16372

#1	.22192	2.0230	.00238	.00035	320.87	.00101	.09796
#2	.22235	2.0351	.00340	-.00021	321.58	.00067	.09819
#3	.22111	2.0731	.00232	-.00003	324.00	.00090	.09827

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3077	.00018	.00399	2.0259	.94027	-.00163	.00072
Stddev	.0288	.00016	.01169	.0106	.00561	.00096	.00163
%RSD	2.1986	89.448	292.91	.52348	.59634	58.962	227.26

#1	1.2967	.00028	.01113	2.0144	.93522	-.00060	.00193
#2	1.2862	-.00001	.01033	2.0353	.94630	-.00180	-.00114
#3	1.3404	.00027	-.00950	2.0279	.93930	-.00251	.00136

Sample Name: K2180-04 Acquired: 4/1/2019 18:35:26 Type: Unk
 Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-7 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00057	.3627	.14049	6.7404	F<.00000
Stddev	.00077	.0008	.00005	.2170	.37314
%RSD	134.96	.2103	.03363	3.2198	31.815
#1	-.00135	.3632	.14044	6.5540	-1.1375
#2	.00020	.3630	.14050	6.9787	-1.5623
#3	-.00057	.3618	.14053	6.6887	-.81859
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4179.6	49721.	6366.2	92.611	4115.3
Stddev	3.9	208.	38.1	1.535	6.0
%RSD	.09330	.41782	.59870	1.6569	.14603
#1	4181.6	49585.	6350.8	94.250	4117.1
#2	4175.1	49618.	6338.1	92.375	4108.7
#3	4182.1	49961.	6409.6	91.208	4120.3

Sample Name: K2180-08 Acquired: 4/1/2019 18:40:00 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-6S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00269	-.00043	.00494	.00049	-.00012	.05956	.09591
Stddev	.00155	.00087	.00060	.00390	.00086	.00055	.00066
%RSD	57.418	202.69	12.092	793.27	698.72	.92979	.69059

#1	-.00162	.00057	.00495	.00498	.00074	.05893	.09601
#2	-.00199	-.00091	.00434	-.00148	-.00099	.05983	.09520
#3	-.00447	-.00095	.00554	-.00202	-.00012	.05993	.09652

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.00044	8.8473	.00870	.00099	-.00308	.06888
Stddev	.00004	.00002	.0967	.00035	.00009	.00040	.00058
%RSD	209.61	3.7048	1.0931	4.0250	9.1213	13.041	.84242

#1	-.00002	-.00046	8.7485	.00836	.00106	-.00340	.06834
#2	.00001	-.00045	8.9417	.00868	.00089	-.00263	.06880
#3	.00006	-.00043	8.8517	.00906	.00102	-.00320	.06949

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13024	.48110	.00225	-.00051	300.85	.00018	.02911
Stddev	.00142	.05140	.00015	.00011	3.47	.00063	.00007
%RSD	1.0925	10.684	6.8403	22.000	1.1521	350.90	.24413

#1	.12867	.42349	.00243	-.00041	299.42	.00027	.02910
#2	.13060	.52226	.00217	-.00063	298.33	.00077	.02904
#3	.13145	.49756	.00215	-.00048	304.80	-.00049	.02919

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51460	.00014	.00307	.10502	.30999	-.00213	.00191
Stddev	.01658	.00016	.01356	.00318	.01080	.00084	.00094
%RSD	3.2220	114.13	442.25	3.0236	3.4838	39.381	48.985

#1	.51644	.00008	-.00125	.10160	.29763	-.00294	.00112
#2	.49718	.00002	-.00781	.10788	.31758	-.00218	.00294
#3	.53018	.00031	.01826	.10558	.31477	-.00127	.00167

Sample Name: K2180-08 Acquired: 4/1/2019 18:40:00 Type: Unk
 Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-6S Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00452	.0205	.03821	6.3925	F<.00000
Stddev	.00292	.0007	.00025	.3930	.29993
%RSD	64.648	3.531	.64814	6.1474	21.301
#1	-.00592	.0212	.03803	6.7163	-1.7533
#2	-.00648	.0207	.03849	6.5059	-1.2594
#3	-.00116	.0198	.03812	5.9553	-1.2115
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4242.5	50540.	6446.9	94.153	4176.5
Stddev	14.5	149.	90.0	.834	15.0
%RSD	.34181	.29565	1.3965	.88546	.36029
#1	4257.6	50647.	6532.5	94.125	4186.4
#2	4241.2	50605.	6353.0	93.333	4183.9
#3	4228.7	50370.	6455.3	95.000	4159.1

Sample Name: K2180-12 Acquired: 4/1/2019 18:44:35 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-6D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00182	-.00032	-.00173	.00054	.00044	.05646	.09584
Stddev	.00100	.00010	.00065	.00107	.00139	.00905	.00086
%RSD	55.033	30.040	37.432	198.47	316.41	16.036	.90055

#1	-.00108	-.00035	-.00182	.00095	.00095	.04824	.09506
#2	-.00141	-.00021	-.00104	-.00068	-.00113	.05497	.09571
#3	-.00296	-.00040	-.00233	.00135	.00150	.06616	.09677

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.00049	9.0581	.00044	.00006	-.00321	.03414
Stddev	.00005	.00007	.0215	.00008	.00005	.00024	.00048
%RSD	111.57	13.937	.23692	18.698	80.048	7.4637	1.4019

#1	.00001	-.00051	9.0373	.00040	.00007	-.00320	.03370
#2	.00003	-.00041	9.0569	.00039	.00010	-.00346	.03465
#3	.00011	-.00054	9.0802	.00054	.00001	-.00298	.03407

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06176	.53311	.00131	-.00031	273.04	.00052	.02238
Stddev	.00035	.06051	.00013	.00010	4.18	.00023	.00021
%RSD	.57158	11.350	10.036	32.837	1.5317	44.912	.93869

#1	.06210	.60274	.00116	-.00023	270.30	.00064	.02249
#2	.06180	.49327	.00142	-.00028	270.97	.00067	.02214
#3	.06139	.50333	.00134	-.00043	277.85	.00025	.02252

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.45477	-.00021	.00514	.12734	.46386	-.00182	.00018
Stddev	.02579	.00023	.00539	.00287	.00609	.00076	.00155
%RSD	5.6707	110.48	104.77	2.2560	1.3119	41.754	882.97

#1	.44878	.00002	-.00104	.13063	.47033	-.00263	-.00138
#2	.48303	-.00019	.00762	.12608	.46301	-.00113	.00171
#3	.43251	-.00044	.00884	.12532	.45824	-.00169	.00020

Sample Name: K2180-12 Acquired: 4/1/2019 18:44:35 Type: Unk
 Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-6D Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00301	.0129	.05084	6.1153	F<.00000
Stddev	.00012	.0005	.00019	.4590	.02478
%RSD	3.9280	3.555	.36475	7.5054	1.7016
#1	-.00314	.0124	.05064	5.6093	-1.4572
#2	-.00292	.0132	.05100	6.2321	-1.4806
#3	-.00296	.0131	.05087	6.5047	-1.4311
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4261.6	50279.	6438.3	95.908	4206.9
Stddev	15.4	82.	46.7	1.766	11.7
%RSD	.36085	.16233	.72611	1.8409	.27700
#1	4253.3	50253.	6400.6	95.100	4202.2
#2	4279.4	50213.	6423.6	94.692	4220.2
#3	4252.2	50370.	6490.6	97.933	4198.4

Sample Name: K2180-16 Acquired: 4/1/2019 18:49:10 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00397	-.00077	.01249	.00037	.00164	.08986	.12457
Stddev	.00139	.00048	.00025	.00319	.00019	.00124	.00213
%RSD	34.994	63.072	2.0144	854.66	11.902	1.3757	1.7059

#1	-.00291	-.00116	.01271	.00212	.00168	.08904	.12305
#2	-.00345	-.00091	.01255	.00231	.00142	.08925	.12366
#3	-.00554	-.00023	.01221	-.00331	.00181	.09128	.12700

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	.00685	8.1710	-.00028	.00954	-.00088	.04273
Stddev	.00006	.00002	.0422	.00012	.00012	.00018	.00127
%RSD	53.207	.36055	.51655	41.069	1.3050	19.977	2.9683

#1	.00006	.00686	8.1439	-.00040	.00965	-.00108	.04419
#2	.00009	.00682	8.1495	-.00027	.00956	-.00081	.04214
#3	.00017	.00687	8.2197	-.00017	.00941	-.00075	.04187

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.77999	.68498	.00419	-.00029	301.98	-.00013	1.5453
Stddev	.00315	.02636	.00014	.00008	1.96	.00030	.0031
%RSD	.40373	3.8480	3.4234	27.480	.64922	229.58	.19821

#1	.77729	.69574	.00414	-.00025	299.74	.00021	1.5436
#2	.77922	.65495	.00435	-.00038	302.84	-.00027	1.5436
#3	.78345	.70426	.00408	-.00024	303.37	-.00034	1.5489

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.69423	-.00046	-.00153	.06555	.75910	-.00200	.00099
Stddev	.03048	.00028	.01383	.00436	.01681	.00031	.00041
%RSD	4.3900	60.765	902.48	6.6465	2.2145	15.327	41.498

#1	.69381	-.00018	.00322	.06632	.77681	-.00233	.00143
#2	.66397	-.00073	-.01711	.06086	.75710	-.00173	.00095
#3	.72492	-.00045	.00930	.06947	.74337	-.00194	.00061

Sample Name: K2180-16 Acquired: 4/1/2019 18:49:10 Type: Unk
 Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-9 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00454	.0130	.04736	6.1327	F<.00000
Stddev	.00125	.0018	.00014	.4155	.58543
%RSD	27.507	13.69	.30215	6.7760	38.472

#1	-.00584	.0133	.04730	5.6673	-1.8498
#2	-.00335	.0111	.04725	6.4666	-1.8696
#3	-.00444	.0146	.04752	6.2640	-.84582

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4267.0	50156.	6435.0	95.250	4199.6
Stddev	7.2	86.	99.6	2.561	7.8
%RSD	.16783	.17071	1.5470	2.6888	.18510

#1	4270.3	50255.	6359.1	94.108	4204.6
#2	4271.9	50107.	6398.3	93.458	4203.6
#3	4258.8	50107.	6547.7	98.183	4190.6

Sample Name: K2180-20 Acquired: 4/1/2019 18:53:42 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-10 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00079	-.00143	.06479	.00110	.00137	.07494	.20166
Stddev	.00257	.00044	.00104	.00228	.00082	.01314	.00368
%RSD	325.79	30.473	1.6127	208.08	59.553	17.533	1.8257

#1	-.00187	-.00193	.06370	.00356	.00052	.06795	.19841
#2	.00215	-.00113	.06579	-.00095	.00215	.06678	.20566
#3	-.00265	-.00123	.06489	.00069	.00145	.09010	.20091

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00015	.00001	34.621	.02350	.00921	-.00343	.70768
Stddev	.00001	.00004	.111	.00053	.00010	.00022	.00306
%RSD	6.0108	295.57	.32075	2.2642	1.1026	6.3913	.43303

#1	.00016	-.00001	34.630	.02305	.00916	-.00354	.70419
#2	.00015	-.00000	34.505	.02337	.00933	-.00317	.70995
#3	.00014	.00005	34.727	.02409	.00915	-.00356	.70888

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0537	1.2988	.01683	-.00059	350.33	-.00003	.08825
Stddev	.0052	.0469	.00033	.00027	6.96	.00064	.00036
%RSD	.49758	3.6098	1.9382	45.220	1.9856	2081.7	.40860

#1	1.0477	1.2669	.01715	-.00028	342.30	-.00045	.08842
#2	1.0577	1.3526	.01650	-.00074	354.39	-.00035	.08849
#3	1.0556	1.2769	.01685	-.00074	354.30	.00071	.08783

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.73765	.00035	-.00213	.24230	.47454	-.00207	.00020
Stddev	.03606	.00008	.00784	.00209	.01098	.00062	.00126
%RSD	4.8887	21.232	367.82	.86285	2.3138	29.777	629.66

#1	.70089	.00038	.00486	.24080	.47872	-.00158	-.00085
#2	.77297	.00041	-.00064	.24141	.46208	-.00187	-.00015
#3	.73909	.00027	-.01062	.24469	.48282	-.00276	.00160

Sample Name: K2180-20 Acquired: 4/1/2019 18:53:42 Type: Unk
 Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-10 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00174	.0074	.15873	6.6579	F<.00000
Stddev	.00013	.0002	.00017	.1482	.46835
%RSD	7.7056	2.897	.10783	2.2257	44.439
#1	-.00188	.0072	.15893	6.7881	-.68369
#2	-.00172	.0074	.15866	6.6889	-.89762
#3	-.00162	.0077	.15861	6.4966	-1.5804
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4191.8	49039.	6340.5	93.239	4092.2
Stddev	6.1	165.	76.6	2.689	10.5
%RSD	.14662	.33737	1.2078	2.8843	.25672
#1	4186.0	49189.	6275.1	90.283	4082.7
#2	4191.0	48861.	6424.7	95.542	4090.6
#3	4198.2	49066.	6321.5	93.892	4103.5

Sample Name: K2180-24 Acquired: 4/1/2019 18:58:15 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-10D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00254	-.00075	-.00467	.00106	.00099	.02889	.12770
Stddev	.00206	.00044	.00142	.00303	.00105	.00298	.00120
%RSD	81.224	58.952	30.469	285.92	105.98	10.333	.94092

#1	-.00111	-.00113	-.00303	-.00217	.00183	.02862	.12653
#2	-.00491	-.00027	-.00541	.00384	.00135	.03200	.12763
#3	-.00161	-.00086	-.00557	.00151	-.00019	.02604	.12893

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	-.00055	8.9870	-.00002	.00025	-.00486	.01210
Stddev	.00002	.00005	.0115	.00036	.00005	.00022	.00025
%RSD	22.925	9.7062	.12768	2020.5	19.347	4.5707	2.0441

#1	.00009	-.00049	8.9817	.00006	.00030	-.00464	.01239
#2	.00011	-.00055	8.9792	.00030	.00022	-.00484	.01196
#3	.00007	-.00060	9.0002	-.00041	.00022	-.00508	.01196

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17920	1.6460	.00168	-.00060	362.86	-.00005	.02247
Stddev	.00149	.0479	.00023	.00054	3.73	.00028	.00010
%RSD	.82914	2.9109	13.797	90.575	1.0291	517.10	.43474

#1	.17752	1.6218	.00180	.00002	358.60	.00019	.02252
#2	.18033	1.6150	.00183	-.00098	365.60	.00000	.02254
#3	.17975	1.7012	.00141	-.00084	364.36	-.00036	.02236

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.39836	.00007	.00530	.13393	.37207	-.00209	-.00033
Stddev	.02831	.00014	.00476	.00181	.00560	.00057	.00100
%RSD	7.1075	185.13	89.883	1.3484	1.5043	27.563	303.03

#1	.37310	.00014	.00739	.13192	.37818	-.00142	.00012
#2	.42896	.00016	-.00015	.13542	.37087	-.00238	.00037
#3	.39302	-.00008	.00866	.13445	.36718	-.00245	-.00147

Sample Name: K2180-24 Acquired: 4/1/2019 18:58:15 Type: Unk
 Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-10D Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00386	.0144	.04635	6.0242	F<.00000
Stddev	.00214	.0021	.00016	.1325	.13004
%RSD	55.538	14.36	.34561	2.1986	12.956
#1	-.00138	.0166	.04652	6.0568	-.97073
#2	-.00506	.0124	.04634	6.1373	-.89337
#3	-.00513	.0143	.04620	5.8785	-1.1471
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4314.6	50443.	6458.4	96.178	4229.3
Stddev	13.3	130.	77.9	1.475	11.6
%RSD	.30755	.25701	1.2069	1.5333	.27326
#1	4301.1	50577.	6386.4	95.575	4216.7
#2	4327.6	50318.	6447.6	95.100	4239.4
#3	4315.1	50435.	6541.1	97.858	4231.9

Sample Name: CCV07 Acquired: 4/1/2019 19:02:51 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2721	5.4650	5.3024	5.2065	5.3187	10.527	10.466	F .28297
Stddev	.0076	.0151	.0061	.0103	.0101	.079	.006	.00071
%RSD	.14456	.27672	.11505	.19728	.19074	.74812	.05559	.25078
#1	5.2804	5.4664	5.3024	5.2136	5.3274	10.437	10.465	.28315
#2	5.2705	5.4793	5.3085	5.2112	5.3076	10.584	10.461	.28358
#3	5.2654	5.4492	5.2963	5.1947	5.3212	10.561	10.472	.28219
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5676	25.916	1.0204	2.6907	1.3078	5.1379	2.5289	27.205
Stddev	.0028	.003	.0002	.0017	.0027	.0030	.0046	.213
%RSD	.10744	.01348	.02066	.06244	.20883	.05916	.18061	.78462
#1	2.5705	25.920	1.0206	2.6926	1.3109	5.1348	2.5299	26.959
#2	2.5675	25.914	1.0202	2.6896	1.3056	5.1380	2.5329	27.320
#3	2.5650	25.913	1.0203	2.6898	1.3069	5.1409	2.5239	27.336
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5841	1.2972	26.291	2.5958	2.6964	24.008	5.2795	4.8862
Stddev	.0040	.0022	.115	.0011	.0023	.094	.0147	.0355
%RSD	.15529	.16688	.43556	.04207	.08685	.39331	.27781	.72676
#1	2.5830	1.2997	26.161	2.5953	2.6990	23.900	5.2959	4.8484
#2	2.5886	1.2960	26.378	2.5970	2.6945	24.074	5.2749	4.8914
#3	2.5808	1.2959	26.334	2.5950	2.6957	24.050	5.2677	4.9189
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0682	5.1219	5.2802	5.1308	4.9421	5.456	5.1526	F 6.1866
Stddev	.0174	.0133	.0029	.0128	.0097	.012	.0100	.1132
%RSD	.34315	.25868	.05560	.24895	.19619	.2178	.19451	1.8293
#1	5.0815	5.1354	5.2818	5.1162	4.9410	5.469	5.1606	6.1442
#2	5.0747	5.1089	5.2768	5.1400	4.9330	5.454	5.1413	6.1007
#3	5.0485	5.1215	5.2821	5.1363	4.9523	5.445	5.1557	6.3148

Sample Name: CCV07 Acquired: 4/1/2019 19:02:51 Type: Unk
 Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .10399
Stddev	.21910
%RSD	210.69

#1	.02032
#2	-.06094
#3	.35259

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4336.0	50592.	6269.1	91.245	4256.7
Stddev	5.7	65.	37.9	.424	2.5
%RSD	.13045	.12855	.60427	.46490	.05845

#1	4329.8	50522.	6228.2	91.733	4253.8
#2	4340.8	50604.	6302.9	90.972	4257.8
#3	4337.4	50650.	6276.3	91.029	4258.4

Sample Name: CCB07 Acquired: 4/1/2019 19:06:55 Type: Unk
Method: P4-ICP2(v3010) 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	.00073	.00197	-.00541	.00005	.00015	.00226	-.00145
Stddev	.00119	.00054	.00066	.00064	.00077	.01259	.00021
%RSD	161.73	27.510	12.257	1171.1	516.50	556.89	14.341

#1	.00200	.00138	-.00466	-.00053	.00074	.00546	-.00131
#2	-.00035	.00209	-.00590	-.00004	-.00072	.01293	-.00169
#3	.00055	.00244	-.00568	.00073	.00044	-.01162	-.00136

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	-.00048	-.02485	-.00070	-.00016	-.00830	-.00250
Stddev	.00004	.00005	.00734	.00023	.00032	.00020	.00003
%RSD	28.133	10.802	29.556	32.301	197.07	2.3584	1.1798

#1	.00015	-.00044	-.03177	-.00047	.00005	-.00818	-.00251
#2	.00016	-.00045	-.01715	-.00070	-.00053	-.00853	-.00252
#3	.00009	-.00054	-.02562	-.00092	-.00001	-.00820	-.00247

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00025	-.00493	.00045	-.00026	.10083	.00034	-.00222
Stddev	.00003	.06700	.00019	.00012	.01036	.00069	.00005
%RSD	10.834	1358.8	42.339	45.577	10.274	204.03	2.4508

#1	-.00027	-.00055	.00060	-.00030	.09990	.00034	-.00216
#2	-.00022	-.07401	.00024	-.00036	.11162	-.00035	-.00226
#3	-.00025	.05977	.00051	-.00013	.09097	.00103	-.00224

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.25859	.00005	.00605	F -.01127	.00511	-.00192	-.00143
Stddev	.03324	.00020	.00313	.00317	.00273	.00034	.00104
%RSD	12.855	375.68	51.750	28.160	53.491	17.775	72.730

#1	-.26674	-.00004	.00853	-.00780	.00738	-.00196	-.00223
#2	-.28699	-.00008	.00253	-.01199	.00587	-.00156	-.00025
#3	-.22203	.00028	.00709	-.01402	.00208	-.00224	-.00182

Sample Name: CCB07 Acquired: 4/1/2019 19:06:55 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00843	-0.0009	-0.00019	F 3.6168	F<.00000
Stddev	.00099	.0011	.00004	.1332	.60155
%RSD	11.694	118.8	21.403	3.6838	32.670
#1	-0.00873	.0001	-0.00019	3.7331	-2.1614
#2	-0.00733	-0.0008	-0.00015	3.6458	-2.2151
#3	-0.00923	-0.0021	-0.00023	3.4714	-1.1474
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4658.2	53671.	6503.4	97.858	4921.8
Stddev	2.0	136.	75.2	3.260	6.1
%RSD	.04280	.25330	1.1560	3.3308	.12363
#1	4659.1	53533.	6421.2	94.650	4921.5
#2	4655.9	53805.	6520.3	97.758	4928.0
#3	4659.6	53675.	6568.7	101.17	4915.8

Sample Name: K2180-28 Acquired: 4/1/2019 19:11:24 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00015	.00007	-.00287	-.00065	.00035	.02797	.10142
Stddev	.00228	.00110	.00046	.00127	.00194	.02028	.00154
%RSD	1496.2	1557.1	16.016	196.74	551.20	72.510	1.5176

#1	-.00072	.00105	-.00253	-.00124	.00159	.02205	.10271
#2	-.00209	.00028	-.00340	.00081	-.00189	.05055	.09971
#3	.00236	-.00112	-.00269	-.00151	.00136	.01131	.10182

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	-.00059	18.506	.00004	.00001	-.00109	.01344
Stddev	.00011	.00006	.022	.00009	.00024	.00019	.00042
%RSD	171.62	10.854	.12048	214.86	1929.5	17.539	3.1150

#1	.00019	-.00061	18.493	-.00006	-.00023	-.00124	.01374
#2	-.00000	-.00052	18.532	.00012	.00026	-.00114	.01296
#3	.00001	-.00064	18.494	.00008	.00001	-.00087	.01362

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11633	1.4549	-.00031	-.00093	343.54	.00043	.01357
Stddev	.00034	.0212	.00011	.00024	1.10	.00013	.00027
%RSD	.28940	1.4584	34.812	25.596	.32114	29.481	2.0058

#1	.11662	1.4651	-.00019	-.00083	342.45	.00041	.01366
#2	.11641	1.4691	-.00040	-.00076	344.66	.00031	.01379
#3	.11596	1.4305	-.00035	-.00120	343.52	.00056	.01327

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0949	.00023	.01549	.15454	.51786	-.00063	-.00072
Stddev	.0207	.00020	.01265	.00373	.00276	.00048	.00098
%RSD	1.8934	85.317	81.655	2.4110	.53217	76.785	135.27

#1	1.0770	.00040	.02588	.15032	.51467	-.00053	-.00141
#2	1.0900	.00001	.01918	.15737	.51953	-.00021	-.00117
#3	1.1176	.00029	.00141	.15594	.51937	-.00116	.00040

Sample Name: K2180-28 Acquired: 4/1/2019 19:11:24 Type: Unk
 Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-1 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00283	.3422	.07078	6.2462	F<.00000
Stddev	.00184	.0003	.00021	.1292	.74086
%RSD	65.078	.0900	.30219	2.0677	39.507
#1	-.00453	.3419	.07058	6.1159	-1.9897
#2	-.00087	.3421	.07101	6.2485	-1.0838
#3	-.00308	.3425	.07075	6.3742	-2.5522
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4267.1	49545.	6420.4	95.386	4188.7
Stddev	19.3	78.	50.7	1.518	22.5
%RSD	.45175	.15710	.78968	1.5915	.53672
#1	4244.9	49468.	6457.8	97.125	4163.5
#2	4277.2	49543.	6362.7	94.708	4196.1
#3	4279.3	49624.	6440.7	94.325	4206.6

Sample Name: K2180-32 Acquired: 4/1/2019 19:15:59 Type: Unk
 Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-3 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00143	.00007	-.00466	.00227	.00133	.05139	.06378
Stddev	.00067	.00032	.00095	.00063	.00068	.00397	.00068
%RSD	46.820	484.95	20.369	27.824	51.358	7.7193	1.0643

#1	-.00180	.00025	-.00513	.00172	.00055	.05579	.06366
#2	-.00066	-.00030	-.00528	.00213	.00179	.05031	.06318
#3	-.00184	.00025	-.00356	.00296	.00166	.04808	.06452

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.00051	2.9040	.00015	-.00036	-.00670	.01034
Stddev	.00003	.00003	.0066	.00040	.00018	.00031	.00018
%RSD	61.303	4.8957	.22641	256.95	48.831	4.6415	1.6958

#1	.00008	-.00054	2.8969	-.00019	-.00040	-.00690	.01045
#2	.00007	-.00050	2.9098	.00007	-.00017	-.00634	.01014
#3	.00002	-.00050	2.9054	.00058	-.00052	-.00685	.01043

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01002	.17440	.00047	-.00057	330.05	.00054	.00809
Stddev	.00016	.05521	.00038	.00058	.72	.00046	.00017
%RSD	1.6367	31.658	80.645	101.65	.21965	85.735	2.1558

#1	.00997	.11301	.00005	-.00116	330.59	.00105	.00813
#2	.01020	.19018	.00059	-.00000	329.23	.00041	.00790
#3	.00989	.21999	.00078	-.00054	330.33	.00015	.00824

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.28600	-.00024	.00701	.06656	.33920	-.00230	-.00003
Stddev	.01469	.00014	.00757	.00384	.00234	.00024	.00171
%RSD	5.1347	59.638	108.02	5.7747	.69131	10.424	6291.6

#1	.29976	-.00008	.01137	.06750	.33725	-.00235	.00161
#2	.28770	-.00035	.01140	.06233	.34180	-.00204	-.00180
#3	.27054	-.00028	-.00173	.06984	.33854	-.00252	.00011

Sample Name: K2180-32 Acquired: 4/1/2019 19:15:59 Type: Unk
 Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-3 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00459	.0137	.02434	5.2841	F<.00000
Stddev	.00145	.0007	.00010	.1490	.21813
%RSD	31.582	5.466	.42206	2.8191	15.847

#1	-.00626	.0138	.02442	5.1981	-1.3237
#2	-.00381	.0144	.02422	5.1981	-1.1896
#3	-.00370	.0129	.02437	5.4561	-1.6162

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4339.9	50519.	6411.7	94.308	4284.3
Stddev	9.5	240.	14.5	.997	12.3
%RSD	.21878	.47422	.22652	1.0570	.28701

#1	4329.0	50245.	6398.8	94.925	4270.1
#2	4346.3	50626.	6409.0	94.842	4292.1
#3	4344.4	50687.	6427.4	93.158	4290.6

Sample Name: K2056-05 Acquired: 4/1/2019 19:20:37 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CS-7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00047	-.00018	-.00549	.00251	.00035	.41125	.01586
Stddev	.00202	.00097	.00025	.00160	.00075	.00499	.00005
%RSD	426.57	524.42	4.6340	63.457	213.86	1.2143	.28561

#1	-.00280	-.00130	-.00569	.00344	.00121	.41467	.01585
#2	.00059	.00044	-.00558	.00067	-.00010	.40552	.01581
#3	.00079	.00030	-.00520	.00344	-.00007	.41356	.01590

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	-.00067	2.0136	.00027	-.00055	-.00643	.00106
Stddev	.00002	.00006	.0078	.00016	.00011	.00028	.00053
%RSD	54.300	9.4287	.38702	57.941	19.580	4.3268	49.542

#1	.00001	-.00063	2.0081	.00014	-.00057	-.00675	.00127
#2	.00005	-.00074	2.0101	.00022	-.00044	-.00622	.00046
#3	.00005	-.00063	2.0225	.00044	-.00066	-.00633	.00145

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00891	.01058	-.00130	-.00065	484.88	.00304	.00004
Stddev	.00006	.05371	.00020	.00018	2.19	.00019	.00001
%RSD	.69874	507.78	15.548	28.355	.45076	6.1336	13.524

#1	.00898	.06524	-.00144	-.00080	484.71	.00322	.00003
#2	.00886	.00862	-.00138	-.00069	487.15	.00284	.00004
#3	.00888	-.04213	-.00107	-.00045	482.79	.00305	.00004

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20650	.00008	-.00273	.06448	.87933	-.00158	-.00200
Stddev	.03506	.00024	.01346	.00305	.00655	.00071	.00318
%RSD	16.979	292.58	493.47	4.7303	.74460	44.902	159.24

#1	.21515	-.00002	.00119	.06210	.88537	-.00217	-.00460
#2	.16792	.00036	-.01771	.06342	.88025	-.00177	-.00293
#3	.23643	-.00009	.00834	.06791	.87237	-.00079	.00155

Sample Name: K2056-05 Acquired: 4/1/2019 19:20:37 Type: Unk
 Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CS-7 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00525	.0124	.00900	5.4492	F<.00000
Stddev	.00107	.0005	.00008	.1618	.03452
%RSD	20.308	4.388	.83569	2.9701	1.8187
#1	-.00645	.0124	.00891	5.6290	-1.9342
#2	-.00491	.0118	.00904	5.3152	-1.8654
#3	-.00440	.0129	.00903	5.4035	-1.8949
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4311.3	49700.	6377.0	92.858	4181.9
Stddev	13.7	300.	33.9	1.074	17.0
%RSD	.31680	.60413	.53134	1.1561	.40710
#1	4299.9	49777.	6390.4	91.667	4166.1
#2	4307.7	49369.	6338.5	93.158	4179.5
#3	4326.4	49954.	6402.1	93.750	4199.9

Sample Name: K2056-05DUP Acquired: 4/1/2019 19:25:14 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CS-7DUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00074	.00026	-.00530	.00172	.00126	.40979	.01581
Stddev	.00236	.00210	.00067	.00250	.00164	.00920	.00044
%RSD	318.94	822.08	12.566	145.61	130.76	2.2451	2.7534

#1	.00057	.00122	-.00520	.00455	-.00042	.41544	.01616
#2	.00068	-.00216	-.00601	.00080	.00286	.41475	.01596
#3	-.00347	.00171	-.00469	-.00020	.00132	.39917	.01532

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	-.00057	2.0418	.00065	-.00048	-.00682	.00179
Stddev	.00005	.00005	.0167	.00030	.00031	.00034	.00037
%RSD	2127.8	9.4328	.81890	46.012	64.467	4.9591	20.852

#1	.00003	-.00061	2.0304	.00064	-.00054	-.00716	.00203
#2	-.00006	-.00051	2.0341	.00096	-.00015	-.00648	.00197
#3	.00002	-.00059	2.0610	.00036	-.00076	-.00682	.00136

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00836	.01190	-.00146	-.00096	485.99	.00308	.00019
Stddev	.00017	.02721	.00025	.00019	1.03	.00065	.00016
%RSD	2.0511	228.56	16.929	19.664	.21284	21.076	82.787

#1	.00848	.00902	-.00133	-.00088	486.19	.00341	.00037
#2	.00844	.04044	-.00174	-.00081	484.87	.00233	.00007
#3	.00816	-.01375	-.00130	-.00117	486.91	.00349	.00014

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20099	.00018	-.01375	.06336	.88292	-.00243	-.00105
Stddev	.04326	.00023	.00753	.00207	.00470	.00057	.00133
%RSD	21.522	133.60	54.759	3.2665	.53284	23.486	126.46

#1	.21435	.00010	-.01023	.06097	.88594	-.00241	-.00115
#2	.23598	-.00001	-.02239	.06458	.87750	-.00187	.00033
#3	.15263	.00044	-.00862	.06452	.88531	-.00301	-.00232

Sample Name: K2056-05DUP Acquired: 4/1/2019 19:25:14 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CS-7DUP Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00434	.0128	.00916	5.6075	F<.00000
Stddev	.00106	.0017	.00011	.2420	.24381
%RSD	24.514	13.51	1.1555	4.3148	15.138

#1	-.00511	.0135	.00928	5.3601	-1.8273
#2	-.00313	.0108	.00909	5.6189	-1.3466
#3	-.00479	.0141	.00911	5.8436	-1.6576

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4279.9	49319.	6335.6	93.083	4151.8
Stddev	17.0	85.	26.2	.538	11.4
%RSD	.39676	.17296	.41408	.57791	.27474

#1	4263.1	49256.	6332.7	93.633	4142.7
#2	4279.6	49285.	6363.1	93.058	4148.2
#3	4297.1	49416.	6310.9	92.558	4164.6

Sample Name: K2056-05LX5 Acquired: 4/1/2019 19:29:50 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00097	.00197	-.00630	-.00139	.00092	.07073	.00198
Stddev	.00104	.00102	.00038	.00190	.00017	.00310	.00046
%RSD	107.99	51.665	6.0782	136.43	18.473	4.3868	23.412

#1	-.00029	.00129	-.00673	-.00129	.00075	.07041	.00201
#2	-.00044	.00313	-.00600	-.00334	.00091	.06779	.00243
#3	-.00217	.00148	-.00616	.00046	.00109	.07398	.00150

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.00055	.41652	-.00027	-.00020	-.00818	-.00394
Stddev	.00004	.00006	.00968	.00051	.00004	.00035	.00091
%RSD	195.56	11.695	2.3247	188.94	21.441	4.3284	23.099

#1	.00004	-.00049	.40584	-.00016	-.00021	-.00803	-.00295
#2	.00005	-.00062	.41900	-.00082	-.00023	-.00858	-.00415
#3	-.00003	-.00056	.42472	.00018	-.00015	-.00792	-.00474

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00165	-.00614	-.00066	-.00050	99.956	.00097	-.00173
Stddev	.00007	.04821	.00039	.00021	.399	.00032	.00004
%RSD	4.0114	785.68	59.512	42.396	.39928	33.164	2.5354

#1	.00160	-.02361	-.00053	-.00035	99.568	.00091	-.00168
#2	.00163	-.04317	-.00111	-.00075	99.934	.00131	-.00177
#3	.00173	.04837	-.00035	-.00041	100.37	.00068	-.00173

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.18105	-.00017	.00111	.00355	.19560	-.00330	-.00230
Stddev	.00355	.00009	.00477	.00378	.00136	.00031	.00151
%RSD	1.9621	50.896	428.14	106.59	.69628	9.3609	65.985

#1	-.17967	-.00019	.00043	.00165	.19478	-.00302	-.00057
#2	-.17839	-.00024	-.00327	.00790	.19484	-.00323	-.00342
#3	-.18508	-.00007	.00618	.00109	.19717	-.00363	-.00289

Sample Name: K2056-05LX5 Acquired: 4/1/2019 19:29:50 Type: Unk
 Method: P4-ICP2(v3010) 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	-.00733	.0015	.00167	4.0398	F<.00000
Stddev	.00059	.0011	.00010	.0855	.17835
%RSD	8.0143	70.04	6.1104	2.1158	9.1239
#1	-.00788	.0007	.00174	4.0087	-2.1087
#2	-.00671	.0027	.00172	4.1364	-1.7593
#3	-.00739	.0012	.00155	3.9742	-1.9962
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4465.3	51449.	6346.4	94.303	4512.6
Stddev	13.3	16.	34.1	.411	7.7
%RSD	.29893	.03196	.53778	.43566	.17127
#1	4478.1	51461.	6313.2	94.699	4519.7
#2	4466.5	51456.	6381.4	94.331	4513.9
#3	4451.5	51430.	6344.4	93.879	4504.4

Sample Name: K2056-05MS Acquired: 4/1/2019 19:34:19 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CS-7MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.78455	1.9439	.96523	1.9888	.80421	2.4460	.22230
Stddev	.00258	.0044	.00165	.0081	.00150	.0154	.00111
%RSD	.32849	.22549	.17112	.40865	.18641	.62837	.49782

#1	.78438	1.9474	.96541	1.9973	.80508	2.4304	.22151
#2	.78206	1.9390	.96349	1.9880	.80508	2.4464	.22357
#3	.78721	1.9453	.96678	1.9812	.80248	2.4611	.22183

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20642	.19579	3.1448	.38744	.20667	.29006	2.9118
Stddev	.00072	.00047	.0126	.00122	.00026	.00182	.0054
%RSD	.35013	.23841	.39976	.31430	.12481	.62752	.18484

#1	.20599	.19563	3.1562	.38639	.20681	.29092	2.9082
#2	.20725	.19542	3.1470	.38877	.20683	.28797	2.9180
#3	.20600	.19631	3.1313	.38715	.20637	.29129	2.9092

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19159	2.0156	.49519	.06906	507.20	.30412	.21177
Stddev	.00023	.0295	.00144	.00066	.33	.00083	.00028
%RSD	.11946	1.4619	.29053	.95889	.06564	.27170	.13169

#1	.19174	1.9818	.49497	.06916	506.84	.30325	.21187
#2	.19133	2.0359	.49387	.06835	507.49	.30489	.21146
#3	.19170	2.0292	.49672	.06966	507.27	.30422	.21199

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.9079	.39875	.26663	.03593	1.7322	.69600	.18923
Stddev	.0386	.00034	.00393	.00281	.0274	.00123	.00041
%RSD	.38989	.08541	1.4750	7.8327	1.5810	.17602	.21781

#1	9.8700	.39838	.26633	.03323	1.7464	.69639	.18970
#2	9.9472	.39883	.27070	.03884	1.7006	.69463	.18898
#3	9.9064	.39904	.26285	.03572	1.7496	.69699	.18900

Sample Name: K2056-05MS Acquired: 4/1/2019 19:34:19 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CS-7MS Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.18647	6.133	.20020	5.6397	F<.00000
Stddev	.00168	.023	.00060	.3108	.24413
%RSD	.89858	.3776	.30105	5.5102	9.5869

#1	.18823	6.154	.20084	5.7555	-2.3701
#2	.18489	6.108	.19965	5.8759	-2.8251
#3	.18628	6.137	.20009	5.2877	-2.4442

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4261.0	49531.	6269.6	92.617	4127.0
Stddev	6.8	56.	49.7	2.290	4.1
%RSD	.15853	.11358	.79319	2.4724	.09917

#1	4265.4	49589.	6226.4	90.233	4127.6
#2	4264.3	49477.	6324.0	94.800	4130.8
#3	4253.2	49527.	6258.4	92.817	4122.6

Sample Name: K2056-05MSD Acquired: 4/1/2019 19:38:36 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CS-7MSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.78812	1.9629	.97720	2.0011	.80909	2.4787	.22739
Stddev	.00237	.0087	.00373	.0070	.00380	.0212	.00302
%RSD	.30076	.44453	.38140	.34940	.46975	.85655	1.3287

#1	.79085	1.9652	.97810	2.0090	.81293	2.4579	.22521
#2	.78661	1.9702	.98039	1.9960	.80901	2.5003	.23083
#3	.78691	1.9532	.97310	1.9982	.80533	2.4780	.22612

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21005	.19817	3.1628	.39586	.20876	.29334	2.9670
Stddev	.00089	.00061	.0240	.00132	.00054	.00004	.0082
%RSD	.42179	.30533	.75912	.33458	.25763	.01421	.27772

#1	.20903	.19806	3.1380	.39514	.20934	.29333	2.9588
#2	.21048	.19882	3.1860	.39738	.20866	.29339	2.9752
#3	.21064	.19762	3.1644	.39504	.20827	.29331	2.9669

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19464	2.1071	.49964	.07021	513.50	.30993	.21301
Stddev	.00071	.0210	.00052	.00060	.82	.00166	.00108
%RSD	.36301	.99801	.10379	.85949	.15918	.53693	.50853

#1	.19382	2.0841	.50001	.07031	512.63	.30810	.21400
#2	.19502	2.1252	.49987	.07075	513.63	.31135	.21319
#3	.19507	2.1120	.49905	.06955	514.25	.31034	.21185

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.184	.40161	.27094	.03366	1.7433	.70387	.18956
Stddev	.086	.00190	.01371	.00218	.0149	.00232	.00240
%RSD	.84552	.47277	5.0607	6.4721	.85347	.32909	1.2679

#1	10.098	.40341	.25866	.03115	1.7525	.70439	.19092
#2	10.271	.40178	.28574	.03487	1.7262	.70588	.19097
#3	10.183	.39963	.26842	.03497	1.7513	.70133	.18679

Sample Name: K2056-05MSD Acquired: 4/1/2019 19:38:36 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CS-7MSD Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19156	6.187	.20201	6.0551	F<.00000
Stddev	.00218	.019	.00096	.0893	.65308
%RSD	1.1402	.3070	.47540	1.4753	27.179

#1	.18911	6.203	.20094	5.9669	-3.1475
#2	.19331	6.191	.20280	6.1455	-2.1339
#3	.19225	6.166	.20229	6.0530	-1.9272

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4222.8	48751.	6252.7	90.147	4081.8
Stddev	12.9	235.	24.7	2.230	11.4
%RSD	.30588	.48202	.39461	2.4739	.28007

#1	4208.3	48948.	6242.1	89.725	4071.7
#2	4226.8	48491.	6281.0	92.558	4079.5
#3	4233.2	48814.	6235.2	88.158	4094.2

Sample Name: K2056-05A Acquired: 4/1/2019 19:42:51 Type: Unk
Method: P4-ICP2(v3010) 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	.77999	1.9485	.96352	1.9902	.80391	2.4590	.22468
Stddev	.00324	.0005	.00153	.0040	.00193	.0183	.00313
%RSD	.41587	.02389	.15875	.20073	.24058	.74568	1.3912

#1	.78154	1.9481	.96459	1.9864	.80511	2.4472	.22198
#2	.78217	1.9490	.96420	1.9944	.80168	2.4496	.22396
#3	.77626	1.9485	.96177	1.9899	.80495	2.4801	.22810

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20630	.19650	3.1568	.38997	.20642	.29046	2.9275
Stddev	.00058	.00023	.0171	.00120	.00039	.00017	.0120
%RSD	.27968	.11743	.54222	.30863	.18817	.05698	.40907

#1	.20572	.19624	3.1370	.38903	.20686	.29064	2.9161
#2	.20687	.19656	3.1663	.38954	.20622	.29038	2.9263
#3	.20631	.19669	3.1669	.39132	.20616	.29034	2.9400

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19149	2.1205	.49472	.06945	502.08	.30526	.20999
Stddev	.00073	.0682	.00054	.00013	6.44	.00056	.00069
%RSD	.38072	3.2171	.10967	.18948	1.2823	.18499	.33040

#1	.19067	2.1609	.49461	.06958	494.65	.30588	.20925
#2	.19172	2.0417	.49532	.06932	505.60	.30477	.21009
#3	.19207	2.1589	.49425	.06946	505.98	.30514	.21062

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.043	.39799	.28069	.03488	1.7154	.69810	.18772
Stddev	.080	.00044	.00910	.00233	.0301	.00179	.00284
%RSD	.79204	.11145	3.2415	6.6758	1.7562	.25657	1.5143

#1	9.9531	.39748	.27022	.03278	1.7495	.69968	.18748
#2	10.073	.39828	.28514	.03449	1.7040	.69616	.19068
#3	10.104	.39820	.28671	.03738	1.6926	.69848	.18501

Sample Name: K2056-05A Acquired: 4/1/2019 19:42:51 Type: Unk
Method: P4-ICP2(v3010) 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	.18914	6.139	.19961	5.8886	F<.00000
Stddev	.00145	.003	.00039	.1099	.37517
%RSD	.76548	.0399	.19702	1.8659	14.042
#1	.18978	6.141	.20003	5.7617	-3.1048
#2	.18749	6.136	.19955	5.9516	-2.4470
#3	.19016	6.140	.19925	5.9524	-2.4633
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4246.9	49447.	6318.4	92.581	4111.3
Stddev	9.2	75.	60.3	.903	6.5
%RSD	.21667	.15151	.95434	.97489	.15803
#1	4236.7	49496.	6257.9	91.833	4103.9
#2	4249.2	49484.	6318.9	92.325	4114.2
#3	4254.7	49361.	6378.5	93.583	4115.8

Sample Name: K2056-06 Acquired: 4/1/2019 19:47:08 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CS-8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00155	-.00024	-.00535	.00066	.00018	.60943	.03035
Stddev	.00140	.00082	.00021	.00301	.00045	.01036	.00057
%RSD	90.472	335.65	3.8810	457.64	246.15	1.7005	1.8895

#1	-.00317	-.00116	-.00532	.00296	.00067	.60008	.03007
#2	-.00076	.00041	-.00515	-.00274	-.00020	.60764	.03101
#3	-.00072	.00002	-.00556	.00175	.00008	.62057	.02997

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	-.00058	1.6377	.00303	-.00049	-.00062	.21541
Stddev	.00005	.00007	.0216	.00116	.00022	.00012	.00325
%RSD	106.71	11.457	1.3188	38.313	45.538	18.989	1.5095

#1	-.00009	-.00062	1.6213	.00235	-.00026	-.00063	.21385
#2	.00000	-.00061	1.6297	.00437	-.00071	-.00050	.21324
#3	-.00005	-.00050	1.6622	.00237	-.00049	-.00073	.21915

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00245	.16516	-.00096	-.00057	542.66	.00257	.00110
Stddev	.00007	.05305	.00014	.00038	3.06	.00019	.00007
%RSD	2.8392	32.120	14.748	67.115	.56346	7.3083	6.3384

#1	.00237	.10410	-.00107	-.00062	539.99	.00250	.00105
#2	.00250	.19148	-.00102	-.00017	541.99	.00242	.00109
#3	.00247	.19990	-.00080	-.00093	546.00	.00278	.00118

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.32228	-.00001	-.00978	.13349	1.2337	-.00160	.00686
Stddev	.01349	.00041	.00901	.00284	.0115	.00077	.00222
%RSD	4.1851	5277.9	92.112	2.1265	.93092	48.103	32.401

#1	.33396	.00019	-.00610	.13424	1.2340	-.00075	.00546
#2	.32536	.00026	-.00319	.13588	1.2221	-.00180	.00569
#3	.30752	-.00048	-.02005	.13035	1.2450	-.00225	.00942

Sample Name: K2056-06 Acquired: 4/1/2019 19:47:08 Type: Unk
 Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CS-8 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00101	.0265	.00663	5.7281	F<.00000
Stddev	.00231	.0001	.00010	.2518	.62885
%RSD	229.24	.4035	1.4766	4.3953	46.891
#1	-.00289	.0266	.00672	5.5375	-.77332
#2	.00157	.0264	.00653	6.0135	-2.0170
#3	-.00170	.0266	.00664	5.6334	-1.2329
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4219.4	48680.	6248.4	91.403	4093.8
Stddev	9.7	244.	10.6	.863	10.1
%RSD	.23072	.50215	.16925	.94420	.24642
#1	4210.3	48766.	6236.5	90.425	4086.3
#2	4218.2	48871.	6256.7	91.725	4089.9
#3	4229.6	48405.	6252.1	92.058	4105.3

Sample Name: K2056-07 Acquired: 4/1/2019 19:51:43 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CS-9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00359	-.00054	-.00532	.00087	.00127	.55906	.01706
Stddev	.00099	.00008	.00097	.00190	.00123	.01308	.00091
%RSD	27.580	14.763	18.212	218.03	96.581	2.3405	5.3370

#1	-.00448	-.00059	-.00640	.00272	.00103	.54473	.01751
#2	-.00377	-.00058	-.00506	.00097	.00261	.56207	.01601
#3	-.00252	-.00045	-.00451	-.00108	.00018	.57038	.01766

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.00058	1.6638	.00046	-.00046	-.00187	.10197
Stddev	.00006	.00003	.0222	.00014	.00016	.00018	.00102
%RSD	872.88	5.1156	1.3360	31.339	35.350	9.7389	.99876

#1	.00003	-.00059	1.6467	.00052	-.00065	-.00166	.10173
#2	-.00007	-.00061	1.6889	.00029	-.00034	-.00194	.10109
#3	.00002	-.00055	1.6559	.00056	-.00040	-.00200	.10308

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00092	.03345	-.00177	-.00059	526.18	.00260	-.00034
Stddev	.00003	.03745	.00022	.00025	3.73	.00015	.00012
%RSD	2.7277	111.98	12.168	43.032	.70932	5.8976	35.464

#1	.00095	.00018	-.00201	-.00030	522.77	.00243	-.00023
#2	.00090	.07401	-.00173	-.00071	525.60	.00267	-.00046
#3	.00091	.02615	-.00159	-.00075	530.17	.00271	-.00032

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22788	.00065	.00238	.06580	1.0247	-.00134	.00450
Stddev	.03601	.00024	.01079	.00171	.0143	.00094	.00097
%RSD	15.802	37.297	453.55	2.5959	1.3905	70.368	21.555

#1	.18649	.00037	.01121	.06641	1.0395	-.00036	.00503
#2	.25201	.00080	-.00965	.06712	1.0233	-.00142	.00338
#3	.24515	.00078	.00557	.06387	1.0111	-.00224	.00509

Sample Name: K2056-07 Acquired: 4/1/2019 19:51:43 Type: Unk
 Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CS-9 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00319	.0330	.00529	5.2625	F<.00000
Stddev	.00023	.0014	.00007	.2401	.55618
%RSD	7.0778	4.282	1.2513	4.5632	31.688

#1	-.00344	.0342	.00523	5.0173	-1.4088
#2	-.00312	.0314	.00526	5.2732	-2.3968
#3	-.00300	.0333	.00536	5.4972	-1.4601

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4288.3	49291.	6343.4	93.606	4156.8
Stddev	12.6	37.	61.6	.247	14.5
%RSD	.29359	.07575	.97064	.26414	.34936

#1	4273.8	49249.	6305.5	93.792	4140.1
#2	4295.6	49320.	6310.2	93.325	4165.8
#3	4295.7	49305.	6414.4	93.700	4164.7

Sample Name: CCV08 Acquired: 4/1/2019 19:56:20 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0986	5.3199	5.1055	5.0477	5.1596	10.230	10.198	.27066
Stddev	.0061	.0112	.0166	.0084	.0166	.049	.161	.00029
%RSD	.12031	.21064	.32428	.16595	.32256	.48093	1.5803	.10889
#1	5.1012	5.3089	5.0867	5.0434	5.1404	10.174	10.047	.27087
#2	5.0916	5.3313	5.1176	5.0574	5.1690	10.258	10.180	.27032
#3	5.1029	5.3195	5.1124	5.0424	5.1694	10.259	10.368	.27078
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5037	25.348	.99910	2.5945	1.2746	5.0427	2.4885	26.585
Stddev	.0081	.058	.00106	.0058	.0024	.0040	.0055	.077
%RSD	.32254	.22746	.10613	.22505	.18948	.08038	.22105	.28809
#1	2.4944	25.286	.99834	2.5880	1.2722	5.0396	2.4822	26.523
#2	2.5092	25.399	1.0003	2.5993	1.2770	5.0473	2.4927	26.671
#3	2.5075	25.360	.99865	2.5961	1.2747	5.0413	2.4904	26.562
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5124	1.2692	25.453	2.5489	2.5778	23.985	5.1317	4.8613
Stddev	.0071	.0010	.190	.0041	.0077	.189	.0157	.0027
%RSD	.28274	.07978	.74708	.15918	.29902	.78744	.30599	.05656
#1	2.5043	1.2699	25.241	2.5533	2.5690	23.772	5.1136	4.8582
#2	2.5172	1.2680	25.509	2.5453	2.5836	24.053	5.1407	4.8634
#3	2.5159	1.2697	25.609	2.5481	2.5807	24.131	5.1409	4.8624
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9137	5.0517	5.1234	5.0285	4.9272	5.263	5.0403	F 4.2850
Stddev	.0040	.0368	.0215	.0038	.0260	.017	.0183	.1077
%RSD	.08134	.72839	.41966	.07639	.52778	.3145	.36249	2.5123
#1	4.9093	5.0791	5.0989	5.0286	4.9323	5.249	5.0342	4.3964
#2	4.9147	5.0099	5.1324	5.0247	4.8991	5.282	5.0259	4.2773
#3	4.9171	5.0661	5.1390	5.0324	4.9503	5.260	5.0608	4.1815

Sample Name: CCV08 Acquired: 4/1/2019 19:56:20 Type: Unk
 Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .44639
Stddev	.71397
%RSD	159.94

#1	.78132
#2	.93132
#3	-.37347

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4467.5	51440.	6335.2	93.685	4402.1
Stddev	4.5	129.	27.6	1.121	7.1
%RSD	.10041	.25140	.43523	1.1963	.16052

#1	4471.8	51589.	6310.6	94.252	4410.0
#2	4462.8	51374.	6365.0	94.410	4396.3
#3	4467.9	51358.	6330.1	92.395	4400.0

Sample Name: CCB08 Acquired: 4/1/2019 20:00:27 Type: Unk
Method: P4-ICP2(v3010) 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	.00077	.00228	F -.00625	-.00204	.00056	-.02355	-.00166
Stddev	.00173	.00094	.00084	.00109	.00065	.00897	.00038
%RSD	224.88	41.225	13.468	53.581	114.61	38.095	22.978

#1	.00257	.00328	-.00528	-.00329	-.00018	-.03391	-.00207
#2	.00062	.00216	-.00666	-.00157	.00089	-.01854	-.00131
#3	-.00088	.00141	-.00680	-.00126	.00098	-.01821	-.00161

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.00043	-.01029	-.00029	-.00015	-.00841	-.00266
Stddev	.00003	.00006	.00990	.00021	.00016	.00013	.00009
%RSD	230.11	13.198	96.225	74.407	106.10	1.5415	3.2995

#1	-.00001	-.00046	-.00335	-.00048	.00003	-.00846	-.00264
#2	.00002	-.00037	-.02163	-.00032	-.00027	-.00850	-.00276
#3	-.00004	-.00047	-.00589	-.00006	-.00022	-.00826	-.00259

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00017	-.04326	.00033	-.00054	.25484	.00064	-.00235
Stddev	.00005	.01908	.00015	.00035	.00685	.00032	.00007
%RSD	29.423	44.100	45.998	64.259	2.6861	50.611	2.9795

#1	-.00021	-.05711	.00016	-.00065	.26273	.00035	-.00227
#2	-.00019	-.05118	.00037	-.00082	.25046	.00098	-.00239
#3	-.00011	-.02150	.00046	-.00015	.25134	.00058	-.00240

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.25407	.00004	-.00979	F -.01095	.00932	-.00173	-.00068
Stddev	.01391	.00005	.00550	.00063	.00191	.00024	.00054
%RSD	5.4746	123.86	56.185	5.7108	20.476	13.755	78.711

#1	-.25197	.00007	-.00361	-.01050	.00791	-.00165	-.00128
#2	-.26891	-.00002	-.01160	-.01167	.00856	-.00155	-.00055
#3	-.24133	.00006	-.01416	-.01070	.01149	-.00201	-.00023

Sample Name: CCB08 Acquired: 4/1/2019 20:00:27 Type: Unk
 Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00792	.0003	-.00016	F 2.7097	F<.00000
Stddev	.00158	.0004	.00004	.0580	.66055
%RSD	19.939	156.7	24.095	2.1409	33.244
#1	-0.00951	.0007	-.00018	2.7381	-2.7449
#2	-0.00636	-.0001	-.00011	2.7480	-1.5338
#3	-0.00789	.0002	-.00018	2.6429	-1.6822
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4665.7	53227.	6399.9	94.969	4946.4
Stddev	8.6	148.	16.3	.839	4.2
%RSD	.18520	.27856	.25528	.88370	.08396
#1	4667.0	53382.	6393.7	94.233	4950.1
#2	4656.5	53210.	6418.4	95.883	4941.9
#3	4673.7	53087.	6387.5	94.792	4947.2

Sample Name: K2056-08 Acquired: 4/1/2019 20:04:56 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CS-10 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00072	.00128	-.00599	-.00039	.00059	.71478	.02882
Stddev	.00112	.00109	.00025	.00164	.00014	.01817	.00060
%RSD	157.05	85.279	4.1987	417.59	23.413	2.5426	2.0694

#1	-.00179	.00040	-.00627	.00049	.00044	.71520	.02832
#2	.00045	.00094	-.00592	-.00229	.00063	.73273	.02948
#3	-.00081	.00250	-.00578	.00061	.00071	.69639	.02865

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	-.00064	1.2427	.00011	-.00042	.00753	.11495
Stddev	.00007	.00002	.0035	.00020	.00009	.00017	.00104
%RSD	154.36	3.7540	.28196	175.86	21.091	2.2057	.90227

#1	.00000	-.00064	1.2409	.00000	-.00051	.00735	.11395
#2	-.00013	-.00061	1.2468	.00034	-.00033	.00757	.11487
#3	-.00001	-.00065	1.2405	-.00000	-.00043	.00767	.11602

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00109	.04856	-.00176	-.00040	547.54	.00296	.00045
Stddev	.00005	.04960	.00022	.00023	2.42	.00017	.00007
%RSD	4.3303	102.13	12.426	57.932	.44194	5.8703	16.202

#1	.00108	.02730	-.00159	-.00050	545.92	.00313	.00050
#2	.00114	.01314	-.00169	-.00013	550.32	.00298	.00049
#3	.00105	.10525	-.00200	-.00056	546.38	.00278	.00037

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.34285	.00085	.00396	.09761	1.2246	-.00036	.00525
Stddev	.02705	.00003	.00378	.00158	.0126	.00034	.00132
%RSD	7.8889	4.0393	95.560	1.6150	1.0285	93.197	25.197

#1	.31222	.00085	.00832	.09843	1.2239	.00001	.00447
#2	.36347	.00088	.00167	.09579	1.2124	-.00044	.00678
#3	.35284	.00081	.00188	.09860	1.2376	-.00066	.00451

Sample Name: K2056-08 Acquired: 4/1/2019 20:04:56 Type: Unk
 Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CS-10 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00306	.0369	.00455	4.9668	F<.00000
Stddev	.00241	.0006	.00009	.3240	.35476
%RSD	78.500	1.681	1.9268	6.5234	28.821
#1	-.00573	.0365	.00460	5.1492	-1.6372
#2	-.00106	.0376	.00445	5.1584	-1.0729
#3	-.00240	.0366	.00460	4.5927	-.98262
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4329.0	49637.	6348.2	93.711	4199.1
Stddev	13.9	178.	23.3	2.028	14.4
%RSD	.32003	.35783	.36756	2.1638	.34232
#1	4313.2	49627.	6350.7	93.425	4185.5
#2	4339.3	49465.	6370.2	95.867	4197.7
#3	4334.4	49820.	6323.7	91.842	4214.1

Sample Name: K2170-01 Acquired: 4/1/2019 20:09:32 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OIL-WATER-SE Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00368	.00115	.00167	.00357	.00932	.07892	.18213	.00013
Stddev	.00306	.00015	.00075	.00363	.00080	.00915	.00052	.00004
%RSD	83.349	12.819	45.228	101.45	8.5619	11.599	.28626	32.650

#1	-.00226	.00105	.00230	.00630	.00982	.07124	.18154	.00009
#2	-.00719	.00108	.00083	.00497	.00840	.07647	.18231	.00013
#3	-.00158	.00132	.00187	-.00054	.00975	.08905	.18253	.00018

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00086	43.153	.00578	.01609	-.00460	10.371	.29350	2.1062
Stddev	.00006	.369	.00021	.00004	.00008	.107	.00360	.0450
%RSD	6.4380	.85420	3.6208	.23948	1.6609	1.0321	1.2255	2.1364

#1	-.00081	42.803	.00581	.01608	-.00462	10.283	.28994	2.0688
#2	-.00092	43.118	.00597	.01605	-.00452	10.340	.29345	2.0936
#3	-.00086	43.538	.00555	.01613	-.00467	10.490	.29713	2.1561

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02821	-.00142	287.01	.00283	2.2338	.21811	.00343	.01500
Stddev	.00035	.00023	2.57	.00024	.0117	.01253	.00009	.00485
%RSD	1.2456	16.602	.89614	8.4803	.52519	5.7434	2.7095	32.359

#1	.02849	-.00153	284.75	.00306	2.2225	.21538	.00350	.01868
#2	.02781	-.00157	286.48	.00284	2.2329	.23178	.00348	.01682
#3	.02832	-.00115	289.81	.00258	2.2459	.20717	.00333	.00950

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1628	2.2507	-.00131	-.00036	.00340	.1728	.11792	4.2382
Stddev	.0103	.0223	.00077	.00092	.00143	.0010	.00033	.3702
%RSD	.88744	.99045	58.757	252.30	42.047	.5926	.28131	8.7346

#1	1.1570	2.2295	-.00206	-.00003	.00247	.1720	.11758	4.2687
#2	1.1566	2.2487	-.00134	.00034	.00505	.1724	.11793	3.8537
#3	1.1747	2.2739	-.00052	-.00140	.00269	.1740	.11825	4.5922

Sample Name: K2170-01 Acquired: 4/1/2019 20:09:32 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OIL-WATER-SE Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.4375
Stddev	.5505
%RSD	38.297

#1	1.0073
#2	2.0579
#3	1.2472

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4378.3	51207.	6406.5	92.183	4332.4
Stddev	5.1	379.	52.3	1.291	17.5
%RSD	.11601	.73992	.81616	1.4007	.40328

#1	4383.9	51481.	6417.3	90.987	4352.5
#2	4374.0	51366.	6452.6	92.011	4323.1
#3	4377.0	50775.	6349.7	93.552	4321.5

Sample Name: K2178-04 Acquired: 4/1/2019 20:14:05 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-16 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00023	.00057	-.00662	.00155	.00062	.81090	.00800
Stddev	.00053	.00153	.00046	.00146	.00092	.00847	.00016
%RSD	228.87	269.30	6.9076	94.367	148.07	1.0443	2.0150

#1	.00065	.00104	-.00631	.00315	-.00025	.81003	.00781
#2	.00040	.00180	-.00714	.00120	.00159	.80290	.00810
#3	-.00036	-.00114	-.00640	.00029	.00054	.81977	.00809

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	-.00063	9.6129	.00439	-.00058	-.00047	.00298
Stddev	.00001	.00010	.0519	.00014	.00029	.00022	.00099
%RSD	9.9923	15.332	.53972	3.1555	49.883	47.013	33.094

#1	-.00006	-.00062	9.5634	.00447	-.00049	-.00038	.00377
#2	-.00007	-.00054	9.6082	.00423	-.00090	-.00072	.00330
#3	-.00007	-.00073	9.6669	.00447	-.00035	-.00031	.00187

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	.01185	-.00120	-.00060	473.88	.00991	-.00021
Stddev	.00007	.02728	.00039	.00036	5.74	.00070	.00007
%RSD	89.970	230.29	32.540	60.602	1.2104	7.0701	31.879

#1	-.00015	.02818	-.00107	-.00030	467.26	.00997	-.00016
#2	-.00001	-.01965	-.00164	-.00050	477.36	.00918	-.00018
#3	-.00009	.02701	-.00089	-.00101	477.01	.01058	-.00028

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0363	.00108	-.00535	1.3716	1.6562	-.00246	.00006
Stddev	.0270	.00019	.00852	.0069	.0095	.00036	.00078
%RSD	2.6068	17.475	159.09	.50017	.57581	14.610	1314.2

#1	1.0055	.00117	-.01472	1.3722	1.6625	-.00230	-.00084
#2	1.0557	.00120	.00193	1.3780	1.6608	-.00221	.00059
#3	1.0478	.00086	-.00327	1.3644	1.6452	-.00287	.00043

Sample Name: K2178-04 Acquired: 4/1/2019 20:14:05 Type: Unk
 Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: COMP-16 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00237	.0173	.03774	4.9232	F<.00000
Stddev	.00226	.0016	.00020	.1169	.13488
%RSD	95.629	9.223	.53044	2.3741	11.907

#1	-.00376	.0190	.03754	4.7882	-.97771
#2	-.00359	.0170	.03794	4.9919	-1.2226
#3	.00024	.0159	.03776	4.9894	-1.1981

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4301.2	49406.	6269.1	90.922	4225.9
Stddev	7.0	31.	42.8	1.999	7.4
%RSD	.16328	.06227	.68278	2.1987	.17547

#1	4294.6	49407.	6242.9	88.667	4217.6
#2	4308.6	49437.	6245.9	91.625	4231.9
#3	4300.6	49375.	6318.5	92.475	4228.1

Sample Name: K2178-05 Acquired: 4/1/2019 20:18:41 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-17 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.00023	-.00585	.00067	-.00125	.89867	.01095
Stddev	.00152	.00098	.00100	.00186	.00105	.01029	.00046
%RSD	7101.6	418.22	17.080	277.14	83.569	1.1451	4.1647

#1	-.00177	.00078	-.00695	-.00034	-.00042	.89525	.01046
#2	.00100	.00082	-.00561	-.00046	-.00091	.89053	.01137
#3	.00070	-.00090	-.00500	.00282	-.00243	.91024	.01103

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.00061	11.847	.00475	-.00058	.00030	-.00045
Stddev	.00006	.00007	.020	.00009	.00016	.00022	.00038
%RSD	200.79	11.201	.17254	1.8333	26.584	73.391	85.431

#1	.00004	-.00054	11.870	.00479	-.00044	.00007	-.00089
#2	-.00006	-.00068	11.830	.00465	-.00075	.00032	-.00023
#3	-.00006	-.00061	11.842	.00482	-.00057	.00051	-.00023

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.03914	-.00089	-.00116	496.81	.01001	.00154
Stddev	.00002	.03490	.00009	.00044	7.91	.00044	.00002
%RSD	106.88	89.185	10.524	38.416	1.5912	4.3886	1.1596

#1	-.00000	.00272	-.00079	-.00111	495.30	.00971	.00156
#2	-.00004	.04238	-.00097	-.00074	489.77	.00980	.00153
#3	-.00002	.07231	-.00090	-.00162	505.36	.01051	.00153

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1562	.00112	.00135	1.5038	1.9288	-.00245	-.00241
Stddev	.0427	.00007	.00108	.0075	.0187	.00066	.00029
%RSD	3.6912	6.5707	80.181	.49748	.96960	26.929	11.945

#1	1.1834	.00108	.00260	1.4952	1.9096	-.00184	-.00272
#2	1.1070	.00121	.00080	1.5087	1.9298	-.00315	-.00216
#3	1.1781	.00109	.00065	1.5074	1.9470	-.00234	-.00233

Sample Name: K2178-05 Acquired: 4/1/2019 20:18:41 Type: Unk
 Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: COMP-17 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00281	.0136	.04830	4.5381	F<.00000
Stddev	.00052	.0009	.00005	.1018	.29551
%RSD	18.662	6.412	.10605	2.2442	20.893

#1	-.00340	.0137	.04826	4.5514	-1.7067
#2	-.00264	.0126	.04828	4.6326	-1.1157
#3	-.00240	.0144	.04836	4.4302	-1.4208

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4328.1	49610.	6290.3	91.369	4232.6
Stddev	7.0	208.	6.5	.471	2.2
%RSD	.16129	.41852	.10349	.51564	.05106

#1	4325.2	49375.	6297.4	90.908	4234.7
#2	4336.1	49771.	6284.7	91.350	4232.8
#3	4323.1	49682.	6288.8	91.850	4230.4

Sample Name: K2178-06 Acquired: 4/1/2019 20:23:16 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-18 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00111	-.00037	-.00451	.00073	.00277	.62592	.01200	-.00011
Stddev	.00147	.00071	.00087	.00274	.00255	.00946	.00071	.00005
%RSD	132.80	190.04	19.297	373.23	92.037	1.5110	5.9312	48.800

#1	-.00021	-.00119	-.00536	.00059	.00006	.62456	.01119	-.00010
#2	.00085	-.00002	-.00454	-.00193	.00512	.63598	.01234	-.00006
#3	.00270	.00009	-.00362	.00355	.00314	.61721	.01249	-.00017

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00062	5.5365	.00190	-.00057	.00799	.09301	.00158	.07277
Stddev	.00004	.0296	.00041	.00018	.00027	.00097	.00005	.02747
%RSD	6.4058	.53376	21.379	32.130	3.4073	1.0405	3.1815	37.749

#1	-.00067	5.5024	.00145	-.00037	.00778	.09301	.00155	.07337
#2	-.00060	5.5553	.00225	-.00073	.00791	.09204	.00164	.04500
#3	-.00060	5.5517	.00202	-.00060	.00830	.09397	.00155	.09993

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00152	-.00138	495.78	.01279	.00184	1.3637	.00122	.00732
Stddev	.00040	.00006	3.73	.00035	.00011	.0170	.00021	.01407
%RSD	25.945	4.6705	.75238	2.7723	5.8749	1.2466	17.079	192.32

#1	-.00180	-.00138	492.00	.01313	.00186	1.3750	.00115	-.00683
#2	-.00107	-.00144	495.90	.01283	.00173	1.3720	.00106	.02132
#3	-.00170	-.00131	499.46	.01242	.00194	1.3442	.00146	.00747

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.78718	1.3145	-.00130	.00569	-.00148	.0717	.02709	4.9975
Stddev	.00185	.0065	.00092	.00050	.00110	.0008	.00016	.2973
%RSD	.23448	.49312	70.314	8.7453	73.832	1.159	.57990	5.9491

#1	.78696	1.3211	-.00149	.00622	-.00148	.0709	.02711	5.2840
#2	.78913	1.3082	-.00031	.00562	-.00258	.0716	.02692	4.6905
#3	.78545	1.3142	-.00212	.00523	-.00039	.0726	.02724	5.0181

Sample Name: K2178-06 Acquired: 4/1/2019 20:23:16 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-18 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .15742
%RSD 16.466

#1 -.80915
#2 -.93661
#3 -1.1222

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4305.4	49237.	6281.0	91.819	4213.3
Stddev	7.9	44.	52.6	2.021	5.0
%RSD	.18449	.08922	.83816	2.2011	.11871

#1	4298.1	49287.	6237.2	89.942	4207.7
#2	4304.1	49220.	6339.4	93.958	4214.6
#3	4313.9	49204.	6266.4	91.558	4217.5

Sample Name: K2182-02 Acquired: 4/1/2019 20:27:51 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: S8A(2-10)COM Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00035	-.00023	-.00573	.00213	.00027	.04669	.15557
Stddev	.00229	.00070	.00075	.00138	.00156	.00867	.00126
%RSD	650.79	311.13	13.058	64.727	581.34	18.568	.80983

#1	.00217	-.00081	-.00499	.00264	.00159	.05599	.15544
#2	-.00091	-.00041	-.00648	.00317	-.00145	.03884	.15689
#3	-.00231	.00055	-.00572	.00057	.00066	.04523	.15439

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	-.00030	3.5640	.00144	.00193	.01211	.03862
Stddev	.00002	.00007	.0111	.00046	.00010	.00012	.00099
%RSD	712.84	22.405	.31115	31.892	4.9798	.96751	2.5649

#1	-.00001	-.00031	3.5578	.00106	.00182	.01223	.03858
#2	-.00001	-.00023	3.5768	.00131	.00198	.01209	.03765
#3	.00002	-.00037	3.5574	.00195	.00198	.01200	.03963

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.28916	.66635	.00493	-.00112	282.12	.00038	.06397
Stddev	.00172	.01256	.00002	.00020	1.84	.00024	.00027
%RSD	.59537	1.8856	.38141	17.565	.65224	62.807	.42692

#1	.29107	.65599	.00492	-.00134	281.33	.00028	.06411
#2	.28868	.68032	.00492	-.00098	280.80	.00065	.06365
#3	.28773	.66274	.00495	-.00103	284.22	.00021	.06414

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.69560	-.00004	.00529	.09974	.37869	-.00225	.00146
Stddev	.03919	.00025	.01291	.00052	.00395	.00021	.00146
%RSD	5.6341	621.78	243.83	.52358	1.0437	9.2126	99.827

#1	.68167	.00004	.01983	.09946	.37853	-.00249	-.00014
#2	.66528	.00016	.00086	.10034	.37481	-.00213	.00271
#3	.73985	-.00033	-.00481	.09941	.38271	-.00213	.00182

Sample Name: K2182-02 Acquired: 4/1/2019 20:27:51 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: S8A(2-10)COM Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00370	.0011	.02446	4.3776	F<.00000
Stddev	.00046	.0014	.00011	.1608	.42247
%RSD	12.307	124.7	.44154	3.6736	27.292

#1	-.00323	-.0003	.02434	4.1990	-1.5126
#2	-.00372	.0011	.02455	4.4228	-1.9870
#3	-.00414	.0025	.02448	4.5110	-1.1442

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4383.5	50292.	6323.0	92.886	4342.3
Stddev	3.8	144.	38.0	1.377	3.2
%RSD	.08652	.28535	.60147	1.4820	.07375

#1	4380.3	50136.	6296.7	91.950	4339.1
#2	4387.7	50418.	6366.6	94.467	4342.4
#3	4382.5	50321.	6305.7	92.242	4345.5

Sample Name: K2182-04 Acquired: 4/1/2019 20:32:26 Type: Unk
 Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: S8A-S8B(12-1 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00198	-.00040	-.00485	-.00227	.00038	.08320	.11134
Stddev	.00171	.00053	.00026	.00193	.00071	.00745	.00154
%RSD	86.487	131.81	5.3804	84.726	187.06	8.9510	1.3794

#1	-.00007	.00015	-.00457	-.00083	-.00030	.07995	.10974
#2	-.00338	-.00090	-.00508	-.00153	.00031	.09172	.11280
#3	-.00248	-.00046	-.00490	-.00446	.00113	.07793	.11147

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.00042	6.9533	.00108	.00251	.00731	.06170
Stddev	.00003	.00007	.0460	.00028	.00005	.00059	.00034
%RSD	391.43	17.467	.66201	25.643	2.1826	8.0483	.55607

#1	.00002	-.00043	6.9034	.00130	.00257	.00684	.06150
#2	-.00003	-.00034	6.9624	.00077	.00246	.00712	.06149
#3	.00003	-.00048	6.9941	.00117	.00251	.00797	.06209

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.37245	2.3533	.00516	-.00121	323.96	.00061	.02525
Stddev	.00077	.0617	.00015	.00032	2.69	.00027	.00015
%RSD	.20742	2.6215	2.8780	26.426	.83013	44.512	.57541

#1	.37183	2.2936	.00504	-.00103	322.32	.00083	.02532
#2	.37332	2.3494	.00533	-.00102	322.51	.00031	.02509
#3	.37221	2.4168	.00512	-.00158	327.07	.00069	.02535

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.62717	-.00032	.00422	.04950	.41390	-.00210	.00161
Stddev	.03844	.00021	.00389	.00337	.00619	.00014	.00073
%RSD	6.1285	65.073	92.232	6.7994	1.4965	6.5222	45.194

#1	.67075	-.00052	.00130	.05338	.42058	-.00225	.00244
#2	.59812	-.00035	.00272	.04753	.41277	-.00198	.00108
#3	.61265	-.00010	.00864	.04757	.40835	-.00208	.00131

Sample Name: K2182-04 Acquired: 4/1/2019 20:32:26 Type: Unk
 Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: S8A-S8B(12-1 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00463	.0011	.02504	4.2443	F<.00000
Stddev	.00199	.0005	.00008	.1439	.40694
%RSD	42.872	41.53	.31922	3.3915	24.239
#1	-.00247	.0006	.02499	4.3858	-2.0162
#2	-.00637	.0013	.02513	4.0980	-1.7935
#3	-.00506	.0014	.02501	4.2489	-1.2269
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4366.2	49936.	6268.6	89.867	4303.3
Stddev	12.5	79.	46.8	.408	3.7
%RSD	.28560	.15890	.74609	.45438	.08693
#1	4379.9	49936.	6214.8	89.458	4307.5
#2	4355.6	49856.	6291.7	90.275	4300.3
#3	4363.1	50015.	6299.4	89.867	4302.0

Sample Name: K2182-06 Acquired: 4/1/2019 20:37:03 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: S8B(2-10)COM Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00383	-.00058	-.00655	-.00116	.00162	.02741	.08930
Stddev	.00072	.00044	.00015	.00158	.00105	.01108	.00003
%RSD	18.771	76.344	2.2227	136.51	64.840	40.431	.03575

#1	-.00385	-.00099	-.00644	.00058	.00215	.01462	.08927
#2	-.00310	-.00063	-.00650	-.00250	.00229	.03385	.08930
#3	-.00454	-.00011	-.00672	-.00155	.00041	.03377	.08934

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.00029	3.3848	.00055	-.00043	.00666	.01449
Stddev	.00004	.00004	.0183	.00023	.00020	.00029	.00092
%RSD	467.46	11.982	.53932	41.897	46.712	4.2832	6.3472

#1	.00005	-.00033	3.3657	.00077	-.00021	.00634	.01540
#2	-.00003	-.00027	3.3867	.00031	-.00050	.00688	.01450
#3	.00001	-.00028	3.4021	.00058	-.00059	.00678	.01356

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06857	.41762	.00261	-.00134	289.81	.00054	.03099
Stddev	.00032	.03189	.00038	.00032	3.69	.00047	.00021
%RSD	.46355	7.6360	14.737	24.175	1.2743	86.778	.66543

#1	.06838	.38762	.00223	-.00099	285.55	.00033	.03115
#2	.06893	.45111	.00300	-.00162	292.18	.00021	.03106
#3	.06838	.41413	.00259	-.00142	291.69	.00107	.03075

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.27843	.00003	.00254	.02945	.30418	-.00209	-.00003
Stddev	.01971	.00016	.00695	.00530	.00211	.00030	.00125
%RSD	7.0782	459.01	273.23	17.986	.69359	14.160	4927.2

#1	.29035	-.00012	-.00045	.02664	.30204	-.00240	.00132
#2	.25568	.00003	.01048	.02616	.30425	-.00206	-.00115
#3	.28925	.00019	-.00241	.03556	.30626	-.00181	-.00024

Sample Name: K2182-06 Acquired: 4/1/2019 20:37:03 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: S8B(2-10)COM Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00416	.0041	.02122	3.5760	F<.00000
Stddev	.00017	.0007	.00010	.1414	.38283
%RSD	4.1225	16.98	.46999	3.9545	21.120

#1	-.00397	.0044	.02115	3.5100	-1.5005
#2	-.00424	.0045	.02134	3.4797	-2.2398
#3	-.00428	.0033	.02117	3.7384	-1.6976

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4422.1	50679.	6327.9	91.156	4375.8
Stddev	11.8	61.	30.7	.758	14.1
%RSD	.26654	.11943	.48483	.83138	.32199

#1	4422.6	50700.	6362.1	91.242	4368.9
#2	4410.0	50611.	6302.7	90.358	4366.4
#3	4433.6	50726.	6319.0	91.867	4392.0

Sample Name: K2182-08 Acquired: 4/1/2019 20:41:39 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: S7C(2-10)COM Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00367	.00070	-.00617	-.00147	.00069	.15542	.09281
Stddev	.00052	.00101	.00060	.00195	.00041	.00952	.00118
%RSD	14.270	144.54	9.7098	132.59	59.080	6.1231	1.2667

#1	-.00345	.00169	-.00646	.00077	.00054	.14575	.09146
#2	-.00427	.00073	-.00658	-.00239	.00038	.16478	.09354
#3	-.00329	-.00033	-.00549	-.00280	.00115	.15572	.09345

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.00054	.62340	.00056	.00053	.03562	.03757
Stddev	.00005	.00005	.01165	.00020	.00020	.00001	.00062
%RSD	734.29	9.3947	1.8682	36.057	38.281	.02727	1.6387

#1	-.00001	-.00049	.61357	.00037	.00075	.03561	.03690
#2	.00004	-.00052	.62037	.00053	.00036	.03562	.03810
#3	-.00005	-.00059	.63626	.00077	.00046	.03563	.03772

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05212	.16258	.00281	-.00156	322.05	.00019	.01782
Stddev	.00029	.02661	.00040	.00030	3.46	.00006	.00015
%RSD	.54821	16.366	14.353	19.462	1.0730	31.762	.82555

#1	.05179	.19080	.00241	-.00152	318.15	.00025	.01770
#2	.05227	.13795	.00281	-.00188	324.74	.00020	.01799
#3	.05229	.15898	.00321	-.00128	323.25	.00013	.01778

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14785	-.00020	.00065	.51473	.21917	-.00284	-.00017
Stddev	.00915	.00018	.00695	.00332	.00289	.00040	.00074
%RSD	6.1901	89.945	1074.6	.64514	1.3170	14.013	427.76

#1	.15632	-.00013	.00761	.51832	.22153	-.00240	-.00034
#2	.14909	-.00007	-.00628	.51409	.22002	-.00296	.00064
#3	.13814	-.00040	.00060	.51177	.21595	-.00316	-.00081

Sample Name: K2182-08 Acquired: 4/1/2019 20:41:39 Type: Unk
 Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: S7C(2-10)COM Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00580	-0.0003	.00649	4.2131	F<.00000
Stddev	.00087	.0014	.00004	.3336	.21088
%RSD	15.010	433.5	.65176	7.9175	15.680

#1	-0.00657	-0.0019	.00650	4.5852	-1.1702
#2	-0.00596	.0008	.00653	3.9409	-1.2855
#3	-0.00486	.0001	.00645	4.1132	-1.5792

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4384.2	50329.	6301.1	91.853	4331.4
Stddev	10.2	151.	67.2	1.405	6.1
%RSD	.23221	.30015	1.0660	1.5297	.14191

#1	4377.9	50405.	6236.4	91.017	4325.0
#2	4378.7	50155.	6296.3	91.067	4331.9
#3	4395.9	50428.	6370.5	93.475	4337.2

Sample Name: K2182-10 Acquired: 4/1/2019 20:46:17 Type: Unk
 Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: S7C(12-20)CO Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00282	.00015	-.00517	.00039	-.00050	.06181	.10660
Stddev	.00113	.00018	.00042	.00358	.00135	.01451	.00177
%RSD	40.043	119.47	8.1861	923.24	271.40	23.472	1.6629

#1	-.00397	-.00002	-.00495	.00426	-.00074	.04690	.10550
#2	-.00171	.00013	-.00491	-.00030	-.00171	.07588	.10566
#3	-.00279	.00033	-.00566	-.00280	.00096	.06265	.10865

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	-.00039	1.7927	.00464	.00390	.00221	.08469
Stddev	.00005	.00003	.0214	.00026	.00032	.00041	.00045
%RSD	114.38	6.9398	1.1938	5.6842	8.1987	18.580	.53723

#1	-.00003	-.00037	1.7680	.00439	.00399	.00254	.08431
#2	-.00009	-.00042	1.8048	.00462	.00355	.00233	.08520
#3	-.00000	-.00037	1.8053	.00492	.00417	.00175	.08457

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.56019	.50211	.00548	-.00100	266.83	-.00000	.01486
Stddev	.00185	.03739	.00024	.00032	2.99	.00054	.00004
%RSD	.33036	7.4474	4.3131	32.442	1.1197	275750.	.25959

#1	.56197	.47256	.00561	-.00107	266.43	.00054	.01491
#2	.55828	.48961	.00521	-.00127	264.06	-.00053	.01484
#3	.56033	.54415	.00562	-.00064	269.99	-.00001	.01484

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50321	-.00003	.00012	.10718	.31923	-.00251	-.00133
Stddev	.02601	.00012	.00565	.00237	.00450	.00094	.00058
%RSD	5.1692	484.27	4793.5	2.2119	1.4094	37.549	44.023

#1	.50483	-.00014	.00273	.10948	.32282	-.00170	-.00082
#2	.47642	.00010	-.00637	.10730	.32068	-.00354	-.00197
#3	.52837	-.00003	.00400	.10475	.31418	-.00229	-.00119

Sample Name: K2182-10 Acquired: 4/1/2019 20:46:17 Type: Unk
 Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: S7C(12-20)CO Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00454	-.0021	.01642	4.1109	F<.00000
Stddev	.00147	.0004	.00005	.1906	.35541
%RSD	32.330	20.04	.27512	4.6359	20.734
#1	-.00302	-.0026	.01644	3.9067	-2.1187
#2	-.00594	-.0020	.01646	4.2840	-1.5716
#3	-.00466	-.0018	.01637	4.1420	-1.4521
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4342.1	50045.	6248.3	91.011	4290.2
Stddev	8.6	100.	59.4	1.224	8.1
%RSD	.19761	.20041	.95140	1.3454	.18953
#1	4337.0	50074.	6209.3	90.500	4283.5
#2	4352.0	50129.	6219.0	90.125	4299.2
#3	4337.4	49934.	6316.7	92.408	4287.9

Sample Name: CCV09 Acquired: 4/1/2019 20:50:54 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1643	5.4468	5.1814	5.0904	5.2276	10.344	10.381	.27348
Stddev	.0108	.0174	.0057	.0196	.0070	.083	.142	.00048
%RSD	.20941	.31892	.10932	.38530	.13474	.80338	1.3703	.17610
#1	5.1519	5.4341	5.1753	5.0760	5.2234	10.275	10.288	.27370
#2	5.1721	5.4397	5.1865	5.1127	5.2358	10.320	10.310	.27293
#3	5.1688	5.4666	5.1824	5.0824	5.2238	10.436	10.545	.27381
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5445	26.260	1.0285	2.6379	1.2957	5.2070	2.5410	27.168
Stddev	.0029	.179	.0023	.0042	.0015	.0124	.0114	.261
%RSD	.11485	.68008	.22688	.16045	.11787	.23756	.44663	.96029
#1	2.5423	26.054	1.0269	2.6345	1.2954	5.2087	2.5390	26.879
#2	2.5478	26.359	1.0274	2.6426	1.2974	5.1938	2.5307	27.238
#3	2.5434	26.367	1.0312	2.6366	1.2943	5.2184	2.5531	27.387
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5781	1.2879	26.142	2.6204	2.6122	24.626	5.2211	5.0277
Stddev	.0013	.0028	.149	.0041	.0025	.052	.0101	.0582
%RSD	.05213	.21564	.57038	.15726	.09603	.21102	.19400	1.1583
#1	2.5766	1.2874	26.025	2.6178	2.6093	24.580	5.2161	5.0198
#2	2.5786	1.2854	26.090	2.6183	2.6139	24.616	5.2328	4.9739
#3	2.5792	1.2908	26.310	2.6252	2.6133	24.682	5.2145	5.0896
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9871	5.1877	5.2457	5.2050	5.0653	5.371	5.1740	4.7636
Stddev	.0165	.0199	.0111	.0244	.0116	.021	.0031	.2129
%RSD	.33073	.38426	.21187	.46925	.22834	.3999	.05959	4.4690
#1	4.9698	5.1807	5.2335	5.1769	5.0678	5.347	5.1727	4.7529
#2	4.9889	5.2101	5.2553	5.2169	5.0755	5.386	5.1775	4.9815
#3	5.0026	5.1721	5.2482	5.2212	5.0527	5.381	5.1718	4.5562

Sample Name: CCV09 Acquired: 4/1/2019 20:50:54 Type: Unk
 Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F .84868
 Stddev 1.2583
 %RSD 148.27

#1 -.29866
 #2 .65023
 #3 2.1945

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4423.7	50309.	6130.1	86.699	4340.3
Stddev	12.7	126.	28.5	1.279	9.3
%RSD	.28703	.25062	.46568	1.4752	.21483

#1	4425.7	50353.	6126.2	86.742	4344.0
#2	4410.1	50407.	6103.7	85.399	4329.7
#3	4435.3	50167.	6160.4	87.956	4347.2

Sample Name: CCB09 Acquired: 4/1/2019 20:55:01 Type: Unk
Method: P4-ICP2(v3010) 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	-.00048	.00289	F -.00626	-.00066	.00114	-.03244	-.00190
Stddev	.00199	.00040	.00023	.00182	.00078	.00977	.00060
%RSD	414.46	13.902	3.6997	277.02	68.349	30.125	31.486

#1	-.00270	.00276	-.00629	-.00015	.00101	-.04361	-.00166
#2	.00116	.00258	-.00648	.00086	.00198	-.02547	-.00145
#3	.00009	.00335	-.00602	-.00268	.00044	-.02824	-.00257

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	-.00046	-.01544	-.00069	-.00041	-.00858	-.00260
Stddev	.00003	.00002	.01151	.00026	.00002	.00037	.00016
%RSD	694.97	5.3039	74.569	37.775	5.5838	4.3651	6.1900

#1	-.00003	-.00045	-.02007	-.00096	-.00043	-.00863	-.00256
#2	-.00002	-.00044	-.02391	-.00069	-.00039	-.00892	-.00247
#3	.00003	-.00049	-.00233	-.00043	-.00042	-.00818	-.00278

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	-.01363	.00002	-.00095	.20398	.00058	-.00231
Stddev	.00002	.01997	.00030	.00068	.01225	.00015	.00011
%RSD	15.510	146.53	1659.0	71.237	6.0034	26.621	4.7554

#1	-.00012	-.03182	-.00030	-.00142	.21796	.00040	-.00223
#2	-.00015	-.01682	.00006	-.00017	.19517	.00063	-.00226
#3	-.00012	.00774	.00029	-.00125	.19881	.00070	-.00243

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.29233	.00025	.00127	F -.01410	.00780	-.00131	.00036
Stddev	.02561	.00024	.00749	.00261	.00182	.00079	.00052
%RSD	8.7601	96.134	588.90	18.519	23.359	60.799	146.42

#1	-.27624	.00020	-.00684	-.01496	.00587	-.00073	.00057
#2	-.27889	.00051	.00793	-.01616	.00949	-.00097	-.00024
#3	-.32186	.00004	.00272	-.01116	.00804	-.00221	.00074

Sample Name: CCB09 Acquired: 4/1/2019 20:55:01 Type: Unk
 Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00693	-0.0012	-0.00027	F 2.3004	F<.00000
Stddev	.00139	.0008	.00011	.1545	.60617
%RSD	19.990	66.13	39.635	6.7156	33.902
#1	-0.00811	-0.0003	-0.00016	2.4246	-1.1566
#2	-0.00729	-0.0018	-0.00037	2.1274	-1.8421
#3	-0.00541	-0.0015	-0.00028	2.3492	-2.3654
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4591.1	51895.	6164.8	90.769	4854.4
Stddev	9.4	84.	61.7	1.797	2.3
%RSD	.20382	.16241	1.0013	1.9797	.04699
#1	4595.4	51891.	6096.8	89.225	4853.0
#2	4597.4	51812.	6180.2	90.342	4857.0
#3	4580.3	51981.	6217.3	92.742	4853.1

Sample Name: K2186-02 Acquired: 4/1/2019 20:59:31 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-TRACK-89- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00364	.00055	.03433	-.00052	.00143	.00634	.28119
Stddev	.00101	.00223	.00065	.00171	.00174	.00633	.00169
%RSD	27.862	405.13	1.8847	328.80	121.90	99.825	.59938

#1	-.00355	.00292	.03358	.00145	-.00032	-.00096	.27986
#2	-.00470	.00022	.03474	-.00167	.00143	.00975	.28309
#3	-.00268	-.00150	.03466	-.00134	.00316	.01025	.28062

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	.00102	2.2398	.00502	.00268	.01305	.11229
Stddev	.00005	.00008	.0042	.00009	.00009	.00035	.00149
%RSD	124.74	7.8049	.18588	1.7061	3.3212	2.6468	1.3249

#1	-.00003	.00111	2.2419	.00512	.00267	.01338	.11062
#2	-.00009	.00101	2.2425	.00495	.00278	.01269	.11349
#3	.00001	.00095	2.2350	.00500	.00260	.01306	.11274

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10210	.49301	.01582	-.00093	296.51	.00067	.06774
Stddev	.00067	.01213	.00021	.00047	6.58	.00015	.00014
%RSD	.65555	2.4613	1.3179	50.688	2.2202	22.952	.20486

#1	.10136	.48082	.01581	-.00144	302.70	.00083	.06763
#2	.10225	.49313	.01603	-.00051	289.59	.00052	.06769
#3	.10267	.50509	.01561	-.00085	297.23	.00066	.06790

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11404	.00025	.00210	.34960	.47641	-.00072	.00069
Stddev	.02717	.00019	.00770	.00148	.00182	.00027	.00134
%RSD	23.821	76.666	366.03	.42311	.38183	37.661	192.40

#1	.08340	.00015	.01099	.35127	.47736	-.00041	.00077
#2	.13518	.00048	-.00238	.34846	.47431	-.00086	-.00068
#3	.12354	.00013	-.00230	.34907	.47756	-.00089	.00199

Sample Name: K2186-02 Acquired: 4/1/2019 20:59:31 Type: Unk
 Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-TRACK-89- Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00472	.0005	.02533	3.7402	F<.00000
Stddev	.00097	.0017	.00032	.1308	.44927
%RSD	20.487	336.8	1.2533	3.4960	34.088

#1	-0.00498	-0.0005	.02569	3.7918	-1.2579
#2	-0.00553	-0.0005	.02521	3.8374	-1.7942
#3	-0.00365	.0025	.02508	3.5916	-.90171

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4377.8	50008.	6261.0	90.803	4329.9
Stddev	3.5	203.	86.5	2.251	3.9
%RSD	.08011	.40519	1.3820	2.4786	.09109

#1	4379.3	49846.	6164.2	89.025	4326.4
#2	4373.8	49941.	6330.9	93.333	4334.2
#3	4380.4	50235.	6288.0	90.050	4329.0

Sample Name: K2186-06 Acquired: 4/1/2019 21:04:07 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-TRACK-86- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00404	.00073	-.00533	-.00061	.00068	.64324	.03125	-.00006
Stddev	.00051	.00135	.00057	.00042	.00245	.01920	.00129	.00012
%RSD	12.522	183.26	10.656	68.468	359.10	2.9855	4.1333	195.02

#1	.00462	-.00022	-.00469	-.00022	-.00129	.62215	.02985	-.00017
#2	.00373	.00227	-.00553	-.00106	-.00008	.65973	.03239	-.00008
#3	.00377	.00015	-.00577	-.00056	.00343	.64784	.03150	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00073	1.1681	.00230	-.00052	-.00775	.17849	.00208	.07744
Stddev	.00005	.0138	.00039	.00015	.00027	.00079	.00006	.00622
%RSD	6.8235	1.1810	16.833	29.201	3.4476	.44025	2.6811	8.0348

#1	-.00072	1.1545	.00192	-.00069	-.00804	.17833	.00201	.07519
#2	-.00068	1.1677	.00228	-.00047	-.00753	.17781	.00209	.07265
#3	-.00078	1.1821	.00269	-.00040	-.00767	.17935	.00212	.08447

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00050	-.00157	606.88	.02606	.00142	1.4010	.00083	-.00030
Stddev	.00048	.00019	2.70	.00026	.00016	.0617	.00014	.00157
%RSD	96.418	12.277	.44517	1.0127	11.082	4.4078	17.506	524.15

#1	-.00025	-.00153	603.84	.02576	.00147	1.3316	.00099	.00115
#2	-.00019	-.00140	609.01	.02625	.00155	1.4499	.00072	-.00197
#3	-.00105	-.00177	607.78	.02618	.00125	1.4216	.00077	-.00008

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.42674	.93415	-.00188	.00557	-.00314	.2974	.00964	5.3949
Stddev	.00613	.00750	.00046	.00069	.00283	.0005	.00005	.1295
%RSD	1.4367	.80295	24.494	12.327	90.083	.1732	.48577	2.3999

#1	.42584	.93783	-.00200	.00584	-.00241	.2970	.00964	5.5214
#2	.43327	.92552	-.00228	.00609	-.00626	.2973	.00959	5.4006
#3	.42111	.93909	-.00138	.00479	-.00074	.2980	.00968	5.2626

Sample Name: K2186-06 Acquired: 4/1/2019 21:04:07 Type: Unk
 Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-TRACK-86- Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .36217
 %RSD 49.767

#1 -.33501
 #2 -1.0486
 #3 -.79961

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4215.4	47936.	6127.8	88.442	4067.3
Stddev	18.1	211.	72.4	1.440	15.6
%RSD	.42883	.44028	1.1815	1.6278	.38344

#1	4217.9	47812.	6047.4	87.792	4072.3
#2	4196.2	47816.	6187.8	90.092	4049.8
#3	4232.1	48180.	6148.1	87.442	4079.8

Sample Name: K2186-10 Acquired: 4/1/2019 21:08:44 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BELT-PARKWAY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00144	.00134	-.00250	-.00070	.00022	.06356	.09900	.00005
Stddev	.00169	.00088	.00046	.00090	.00068	.01096	.00172	.00008
%RSD	117.53	65.992	18.201	129.12	315.44	17.245	1.7343	163.25

#1	-.00334	.00129	-.00291	-.00159	.00092	.06420	.09878	.00010
#2	-.00088	.00224	-.00259	-.00072	.00018	.05229	.10082	.00008
#3	-.00010	.00048	-.00201	.00021	-.00045	.07418	.09741	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00037	51.803	.00078	.00479	-.00492	.07428	.80551	5.8910
Stddev	.00007	.638	.00017	.00015	.00024	.00158	.00429	.0939
%RSD	18.739	1.2319	21.649	3.0766	4.8626	2.1271	.53295	1.5935

#1	-.00045	51.547	.00074	.00495	-.00466	.07338	.80132	5.8803
#2	-.00033	51.333	.00064	.00478	-.00498	.07334	.80990	5.9897
#3	-.00033	52.529	.00096	.00465	-.00513	.07610	.80532	5.8029

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00659	-.00103	292.23	.00036	.02555	1.0127	.00013	.00469
Stddev	.00026	.00038	1.41	.00048	.00019	.0201	.00027	.01264
%RSD	3.9142	37.309	.48311	134.12	.75017	1.9841	206.59	269.28

#1	.00682	-.00129	290.93	-.00019	.02552	1.0201	.00044	.01152
#2	.00664	-.00059	293.73	.00070	.02537	.98991	-.00005	.01245
#3	.00631	-.00120	292.04	.00056	.02575	1.0280	.00000	-.00989

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.70040	.92113	-.00160	.00113	-.00051	.0157	.16073	4.9130
Stddev	.00400	.01007	.00047	.00027	.00033	.0012	.00003	.4246
%RSD	.57092	1.0930	29.678	23.819	65.682	7.927	.01783	8.6414

#1	.69581	.91860	-.00107	.00129	-.00075	.0167	.16074	5.2485
#2	.70226	.91257	-.00199	.00082	-.00013	.0161	.16075	4.4357
#3	.70313	.93222	-.00173	.00128	-.00065	.0143	.16069	5.0549

Sample Name: K2186-10 Acquired: 4/1/2019 21:08:44 Type: Unk
 Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BELT-PARKWAY Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .60946
 %RSD 66.687

#1 -1.6175
 #2 -.54864
 #3 -.57561

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4252.6	49029.	6166.3	87.256	4166.6
Stddev	8.0	111.	54.3	.601	8.5
%RSD	.18830	.22617	.88003	.68845	.20351

#1	4247.3	48993.	6154.7	86.565	4162.2
#2	4261.8	48940.	6225.4	87.557	4176.4
#3	4248.7	49153.	6118.7	87.647	4161.3

Sample Name: K2186-14 Acquired: 4/1/2019 21:13:19 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BELT-PARKWAY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00252	.00086	-.00677	-.00025	.00122	.11429	.03520
Stddev	.00332	.00038	.00037	.00078	.00122	.00858	.00051
%RSD	131.65	44.270	5.4791	315.89	100.63	7.5034	1.4607

#1	-.00363	.00129	-.00689	-.00110	.00209	.11254	.03460
#2	.00121	.00070	-.00635	-.00007	.00174	.10672	.03549
#3	-.00515	.00058	-.00706	.00043	-.00018	.12360	.03550

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	-.00072	2.4339	.00067	-.00060	-.00305	.00359
Stddev	.00005	.00007	.0529	.00028	.00026	.00015	.00062
%RSD	43.498	9.2029	2.1753	42.754	43.653	4.8010	17.335

#1	-.00015	-.00075	2.4102	.00099	-.00036	-.00315	.00424
#2	-.00006	-.00077	2.4946	.00051	-.00056	-.00288	.00354
#3	-.00011	-.00065	2.3970	.00050	-.00088	-.00313	.00300

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	.05805	-.00140	-.00135	440.29	.00352	-.00038
Stddev	.00007	.01326	.00031	.00018	2.26	.00036	.00004
%RSD	189.31	22.838	22.369	13.419	.51259	10.190	11.506

#1	-.00008	.07331	-.00108	-.00141	441.00	.00320	-.00033
#2	-.00006	.04935	-.00171	-.00114	442.10	.00391	-.00039
#3	.00004	.05150	-.00140	-.00148	437.76	.00346	-.00042

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.31190	.00048	.00882	.68066	1.1378	-.00246	.00078
Stddev	.01323	.00006	.01028	.00667	.0149	.00052	.00042
%RSD	4.2410	12.338	116.63	.97965	1.3131	21.255	53.475

#1	.29822	.00050	.02069	.68475	1.1477	-.00265	.00081
#2	.32462	.00041	.00295	.67296	1.1450	-.00286	.00035
#3	.31287	.00052	.00281	.68426	1.1206	-.00187	.00119

Sample Name: K2186-14 Acquired: 4/1/2019 21:13:19 Type: Unk
 Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BELT-PARKWAY Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00478	.0099	.01175	3.6054	F<.00000
Stddev	.00103	.0003	.00018	.2004	.44778
%RSD	21.513	3.202	1.5102	5.5579	35.157

#1	-.00429	.0103	.01195	3.8218	-1.0204
#2	-.00596	.0099	.01169	3.5681	-1.7907
#3	-.00409	.0097	.01161	3.4262	-1.0098

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4403.9	50373.	6283.2	89.972	4308.7
Stddev	18.9	112.	107.3	1.104	20.7
%RSD	.42946	.22275	1.7084	1.2272	.48095

#1	4425.5	50490.	6209.0	88.867	4332.6
#2	4390.1	50365.	6234.4	89.975	4297.7
#3	4396.1	50266.	6406.3	91.075	4295.8

Sample Name: K2186-18 Acquired: 4/1/2019 21:17:57 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BELT-PARKWAY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00128	.00101	-.00652	.00006	-.00090	.15434	.04832
Stddev	.00199	.00021	.00040	.00057	.00289	.00211	.00104
%RSD	155.72	20.689	6.1263	968.85	321.61	1.3657	2.1555

#1	.00087	.00092	-.00660	.00067	-.00414	.15664	.04878
#2	-.00307	.00125	-.00687	-.00003	.00140	.15249	.04713
#3	-.00164	.00086	-.00609	-.00046	.00004	.15390	.04906

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	-.00071	2.9415	.00035	-.00056	-.00235	.00629
Stddev	.00005	.00005	.0165	.00023	.00005	.00050	.00026
%RSD	73.157	7.4360	.56180	66.423	9.5478	21.238	4.1626

#1	-.00001	-.00065	2.9377	.00051	-.00057	-.00236	.00599
#2	-.00010	-.00075	2.9272	.00008	-.00060	-.00285	.00647
#3	-.00010	-.00073	2.9596	.00045	-.00050	-.00185	.00642

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	.02142	-.00097	-.00162	437.49	.00373	-.00112
Stddev	.00003	.01618	.00034	.00023	4.44	.00020	.00011
%RSD	24.203	75.527	35.179	14.421	1.0157	5.3511	9.6452

#1	-.00015	.04008	-.00066	-.00176	433.45	.00387	-.00122
#2	-.00009	.01282	-.00092	-.00135	436.78	.00383	-.00114
#3	-.00014	.01136	-.00134	-.00175	442.25	.00351	-.00101

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.64267	.00056	-.00807	.92244	1.3988	-.00207	.00024
Stddev	.01476	.00012	.01146	.00382	.0193	.00051	.00083
%RSD	2.2959	21.098	142.00	.41447	1.3796	24.833	349.98

#1	.65957	.00067	-.02126	.92036	1.3776	-.00260	.00108
#2	.63230	.00044	-.00060	.92685	1.4034	-.00157	-.00057
#3	.63615	.00056	-.00234	.92011	1.4153	-.00204	.00020

Sample Name: K2186-18 Acquired: 4/1/2019 21:17:57 Type: Unk
 Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BELT-PARKWAY Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00300	.0079	.01513	3.0400	F<.00000
Stddev	.00210	.0004	.00007	.1631	.40793
%RSD	70.091	4.765	.49449	5.3658	26.241

#1	-.00527	.0080	.01519	3.0467	-1.3233
#2	-.00113	.0083	.01514	3.1997	-2.0256
#3	-.00260	.0075	.01505	2.8736	-1.3148

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4509.2	51527.	6437.0	93.150	4417.7
Stddev	20.7	487.	41.9	3.085	29.1
%RSD	.45854	.94481	.65034	3.3114	.65811

#1	4525.1	51522.	6483.7	95.642	4435.5
#2	4516.6	52017.	6402.9	89.700	4433.5
#3	4485.8	51043.	6424.4	94.108	4384.1

Sample Name: K2186-22 Acquired: 4/1/2019 21:22:34 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-TRACK-78- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00093	.00188	-.00468	-.00325	.00193	.88172	.05729
Stddev	.00189	.00088	.00063	.00103	.00067	.00638	.00053
%RSD	203.82	46.755	13.565	31.514	34.753	.72390	.92090

#1	.00199	.00117	-.00406	-.00259	.00116	.87489	.05684
#2	-.00126	.00286	-.00464	-.00444	.00238	.88276	.05715
#3	.00205	.00161	-.00533	-.00273	.00225	.88752	.05787

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.00068	.50588	.00362	-.00037	-.00530	.36159
Stddev	.00007	.00004	.01640	.00022	.00019	.00034	.00253
%RSD	265.02	6.1816	3.2422	6.1857	49.857	6.3309	.69940

#1	-.00011	-.00073	.49241	.00339	-.00053	-.00545	.35871
#2	.00002	-.00067	.52414	.00384	-.00017	-.00492	.36261
#3	.00000	-.00065	.50108	.00364	-.00042	-.00554	.36346

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00346	.11695	.00077	-.00142	460.16	.01070	.00343
Stddev	.00003	.02405	.00041	.00034	3.86	.00040	.00028
%RSD	.99680	20.560	53.667	24.230	.83781	3.7571	8.0355

#1	.00345	.13990	.00124	-.00121	457.19	.01098	.00325
#2	.00343	.11902	.00048	-.00182	458.77	.01024	.00374
#3	.00350	.09194	.00058	-.00123	464.51	.01087	.00329

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.39725	.00084	.00266	.22277	.73683	-.00279	.01518
Stddev	.02621	.00018	.00580	.00123	.01135	.00030	.00135
%RSD	6.5980	21.239	217.86	.55195	1.5405	10.729	8.9205

#1	.38296	.00071	.00754	.22418	.73836	-.00263	.01672
#2	.38130	.00104	-.00375	.22220	.74734	-.00314	.01416
#3	.42751	.00076	.00420	.22193	.72479	-.00260	.01466

Sample Name: K2186-22 Acquired: 4/1/2019 21:22:34 Type: Unk
 Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-TRACK-78- Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00316	.3520	.00416	4.1264	F<.00000
Stddev	.00091	.0021	.00012	.2789	.71957
%RSD	28.663	.6092	2.8960	6.7597	42.769

#1	-.00370	.3542	.00426	3.8245	-.97968
#2	-.00211	.3499	.00403	4.1801	-1.6499
#3	-.00367	.3519	.00420	4.3745	-2.4177

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4370.2	49579.	6216.3	89.767	4240.1
Stddev	7.1	24.	31.9	.967	9.4
%RSD	.16171	.04825	.51309	1.0773	.22096

#1	4369.4	49606.	6189.1	89.383	4237.8
#2	4363.6	49572.	6208.4	89.050	4232.0
#3	4377.7	49559.	6251.4	90.867	4250.4

Sample Name: K2176-01 Acquired: 4/1/2019 21:27:10 Type: Unk
Method: P4-ICP2(v3010) 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	.01159	.00314	.02264	-.00000	-.00152	.50847	.10263	.00012
Stddev	.00159	.00077	.00081	.00171	.00100	.01668	.00110	.00004
%RSD	13.745	24.605	3.5597	38606.	66.000	3.2798	1.0713	31.732
#1	.01299	.00228	.02244	-.00166	-.00266	.49384	.10152	.00010
#2	.00986	.00378	.02195	.00175	-.00078	.52663	.10265	.00017
#3	.01193	.00337	.02352	-.00010	-.00112	.50495	.10372	.00011
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00090	193.31	.00832	.00106	-.00055	4.2993	.22889	130.89
Stddev	.00013	1.50	.00016	.00033	.00053	.0155	.00126	1.03
%RSD	14.062	.77608	1.9173	30.611	96.673	.36020	.54842	.78341
#1	-.00104	194.66	.00816	.00069	-.00068	4.2845	.22878	129.89
#2	-.00079	193.56	.00833	.00120	-.00100	4.2980	.22769	130.86
#3	-.00087	191.70	.00848	.00130	.00003	4.3154	.23019	131.94
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00059	-.00205	1531.7	.04000	.16304	74.386	.00126	1.0755
Stddev	.00039	.00016	8.7	.00061	.00023	.469	.00015	.0089
%RSD	66.185	7.9316	.56638	1.5138	.14140	.63089	11.637	.83229
#1	.00103	-.00213	1541.7	.04069	.16330	74.557	.00120	1.0682
#2	.00028	-.00216	1527.7	.03975	.16287	73.856	.00116	1.0855
#3	.00046	-.00186	1525.9	.03955	.16295	74.746	.00143	1.0727
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 144.95	F 19.880	-.04443	.04645	.04816	6.124	1.4481	6.1834
Stddev	.80	.215	.00043	.00190	.00113	.023	.0105	.3177
%RSD	.55109	1.0797	.95688	4.0853	2.3488	.3700	.72533	5.1383
#1	144.86	20.049	-.04394	.04827	.04859	6.105	1.4584	5.8250
#2	144.19	19.953	-.04475	.04449	.04900	6.118	1.4485	6.4304
#3	145.78	19.639	-.04459	.04660	.04687	6.149	1.4374	6.2949

Sample Name: K2176-01 Acquired: 4/1/2019 21:27:10 Type: Unk
 Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.8318
Stddev	.1757
%RSD	9.5888

#1	2.0226
#2	1.7961
#3	1.6768

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4030.7	46222.	6122.4	87.295	3700.7
Stddev	6.0	246.	57.5	1.043	10.6
%RSD	.14993	.53233	.93850	1.1952	.28723

#1	4037.6	46258.	6072.8	86.433	3691.9
#2	4028.1	46448.	6109.1	86.998	3712.5
#3	4026.5	45960.	6185.3	88.455	3697.7

Sample Name: K2176-02 Acquired: 4/1/2019 21:31:38 Type: Unk
Method: P4-ICP2(v3010) 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	.00489	.00486	.15467	.00436	.00198	5.9091	.26290	.00057
Stddev	.00164	.00100	.00086	.00179	.00225	.0014	.00068	.00010
%RSD	33.437	20.522	.55445	41.158	113.71	.02346	.25859	18.258
#1	.00301	.00576	.15396	.00377	-.00003	5.9103	.26346	.00050
#2	.00578	.00379	.15444	.00293	.00442	5.9076	.26215	.00052
#3	.00590	.00503	.15563	.00637	.00156	5.9095	.26310	.00069
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	147.73	.05492	.00597	.08548	16.352	.22541	183.79
Stddev	.00005	.44	.00112	.00033	.00021	.036	.00071	.08
%RSD	35.981	.29813	2.0455	5.4935	.24720	.21889	.31403	.04094
#1	-.00018	147.55	.05617	.00622	.08567	16.391	.22602	183.76
#2	-.00017	147.40	.05401	.00608	.08525	16.341	.22464	183.73
#3	-.00008	148.23	.05457	.00560	.08551	16.322	.22558	183.87
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02966	-.00050	932.93	.03056	13.449	75.840	.00050	1.6756
Stddev	.00072	.00051	19.37	.00025	.019	.498	.00009	.0225
%RSD	2.4211	102.29	2.0759	.82387	.14111	.65608	17.593	1.3432
#1	.03033	.00003	939.01	.03028	13.434	76.230	.00040	1.6550
#2	.02891	-.00054	948.53	.03063	13.470	75.280	.00055	1.6996
#3	.02975	-.00099	911.26	.03076	13.443	76.010	.00055	1.6721
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 10.612	F 20.230	.00608	.28992	.10971	3.350	1.7763	5.7436
Stddev	.035	.054	.00027	.00206	.00292	.009	.0042	.2159
%RSD	.32530	.26687	4.3957	.70952	2.6609	.2593	.23494	3.7583
#1	10.621	20.202	.00577	.28953	.10718	3.352	1.7781	5.6122
#2	10.573	20.293	.00625	.28809	.11290	3.340	1.7715	5.9927
#3	10.640	20.196	.00621	.29215	.10903	3.358	1.7792	5.6257

Sample Name: K2176-02 Acquired: 4/1/2019 21:31:38 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	4.3542
Stddev	.2059
%RSD	4.7277

#1	4.3757
#2	4.1384
#3	4.5484

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4170.6	47642.	6105.3	86.656	3819.1
Stddev	10.0	111.	19.5	.707	8.6
%RSD	.23991	.23389	.31864	.81634	.22406

#1	4165.0	47529.	6115.2	87.467	3826.9
#2	4164.6	47752.	6082.9	86.338	3810.0
#3	4182.1	47645.	6117.8	86.164	3820.5

Sample Name: K2176-03 Acquired: 4/1/2019 21:36:03 Type: Unk
Method: P4-ICP2(v3010) 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	.00010	.00330	-.00243	-.00384	-.00163	-.07055	.13459	.00002
Stddev	.00099	.00146	.00049	.00385	.00075	.00747	.00156	.00003
%RSD	947.84	44.301	20.084	100.32	45.935	10.596	1.1607	181.08
#1	.00117	.00487	-.00233	.00022	-.00212	-.06192	.13317	.00002
#2	-.00079	.00303	-.00199	-.00744	-.00201	-.07457	.13434	-.00002
#3	-.00007	.00198	-.00295	-.00430	-.00077	-.07515	.13626	.00004
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00088	152.88	.00366	-.00081	-.00895	.06402	.05110	197.14
Stddev	.00011	3.70	.00071	.00019	.00022	.00167	.00035	2.19
%RSD	12.617	2.4179	19.532	23.914	2.4400	2.6057	.67709	1.1102
#1	-.00097	148.69	.00320	-.00094	-.00873	.06418	.05077	194.71
#2	-.00092	154.23	.00329	-.00089	-.00917	.06228	.05107	197.77
#3	-.00076	155.70	.00448	-.00059	-.00897	.06560	.05146	198.95
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00122	-.00138	952.90	.00307	.46810	83.442	.00041	1.9234
Stddev	.00049	.00046	17.34	.00040	.00243	.528	.00044	.0444
%RSD	40.432	33.656	1.8200	12.972	.51814	.63322	107.03	2.3102
#1	-.00079	-.00115	932.90	.00268	.46599	82.856	.00058	1.8768
#2	-.00110	-.00107	962.07	.00348	.46756	83.589	.00073	1.9281
#3	-.00176	-.00191	963.73	.00307	.47075	83.882	-.00009	1.9653
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.9322	F 15.577	-.00219	-.00533	.10894	3.835	1.9407	6.4359
Stddev	.0234	.262	.00045	.00103	.00378	.028	.0460	.3217
%RSD	.79740	1.6791	20.425	19.407	3.4700	.7416	2.3719	4.9985
#1	2.9186	15.288	-.00194	-.00631	.10583	3.815	1.8893	6.4431
#2	2.9188	15.645	-.00271	-.00544	.10784	3.822	1.9548	6.7539
#3	2.9592	15.798	-.00193	-.00425	.11315	3.867	1.9781	6.1107

Sample Name: K2176-03 Acquired: 4/1/2019 21:36:03 Type: Unk
 Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.53223
Stddev	.21276
%RSD	39.975

#1	.75848
#2	.50203
#3	.33619

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4080.0	46425.	6040.7	85.174	3778.6
Stddev	6.8	165.	108.5	1.939	27.9
%RSD	.16773	.35645	1.7957	2.2770	.73859

#1	4087.9	46603.	6161.2	87.381	3805.6
#2	4076.8	46397.	6010.0	84.399	3780.5
#3	4075.4	46276.	5950.9	83.741	3749.8

Sample Name: K2176-03DUP Acquired: 4/1/2019 21:40:33 Type: Unk
Method: P4-ICP2(v3010) 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	-.00004	.00279	-.00320	-.00134	-.00343	-.05828	.13749	.00003
Stddev	.00319	.00140	.00090	.00165	.00111	.02581	.00223	.00005
%RSD	7772.7	50.031	27.978	123.42	32.410	44.287	1.6242	150.21
#1	-.00024	.00283	-.00252	-.00295	-.00444	-.05052	.13513	.00008
#2	-.00313	.00416	-.00288	.00034	-.00363	-.08707	.13779	.00001
#3	.00324	.00137	-.00422	-.00139	-.00224	-.03724	.13956	.00000
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00087	159.34	.00285	-.00057	-.00904	.06277	.05165	199.60
Stddev	.00011	16.03	.00044	.00023	.00030	.00292	.00072	3.09
%RSD	12.755	10.058	15.427	40.664	3.3019	4.6491	1.3954	1.5458
#1	-.00092	148.44	.00319	-.00034	-.00938	.06583	.05243	196.05
#2	-.00095	177.74	.00235	-.00057	-.00889	.06002	.05101	201.13
#3	-.00075	151.85	.00300	-.00080	-.00884	.06247	.05152	201.62
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00098	-.00179	957.46	.00397	.46672	83.893	.00028	1.9447
Stddev	.00032	.00025	30.17	.00031	.00288	.522	.00017	.0228
%RSD	32.437	14.228	3.1514	7.9225	.61740	.62274	60.565	1.1748
#1	-.00133	-.00175	989.34	.00411	.46592	83.291	.00012	1.9217
#2	-.00091	-.00156	953.69	.00361	.46433	84.173	.00027	1.9452
#3	-.00070	-.00206	929.34	.00418	.46992	84.217	.00046	1.9674
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.9114	F 16.140	-.00219	-.00514	.11329	3.831	2.0216	6.3383
Stddev	.0245	1.437	.00062	.00107	.01348	.043	.1974	.3599
%RSD	.84022	8.9000	28.254	20.889	11.902	1.119	9.7670	5.6790
#1	2.8974	15.307	-.00183	-.00572	.10364	3.814	1.8899	5.9235
#2	2.8971	17.799	-.00291	-.00579	.12870	3.799	2.2486	6.5690
#3	2.9396	15.315	-.00184	-.00390	.10754	3.880	1.9263	6.5223

Sample Name: K2176-03DUP Acquired: 4/1/2019 21:40:33 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.63475
Stddev	.57085
%RSD	89.932

#1	1.2381
#2	.56299
#3	.10318

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4062.3	46494.	5908.8	82.416	3776.0
Stddev	15.0	70.	505.8	6.965	34.7
%RSD	.36892	.15050	8.5607	8.4515	.91942

#1	4071.5	46477.	6206.7	87.439	3784.5
#2	4070.3	46571.	5324.7	74.465	3805.7
#3	4045.0	46434.	6194.9	85.345	3737.8

Sample Name: CCV10 Acquired: 4/1/2019 21:45:03 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0923	5.4045	5.1098	5.0251	5.1791	10.254	10.377	.26717
Stddev	.0110	.0099	.0091	.0071	.0077	.093	.059	.00066
%RSD	.21607	.18356	.17881	.14218	.14831	.90670	.56899	.24825
#1	5.0833	5.4050	5.1069	5.0296	5.1770	10.193	10.315	.26748
#2	5.1046	5.3943	5.1200	5.0169	5.1876	10.208	10.432	.26641
#3	5.0891	5.4141	5.1024	5.0289	5.1726	10.361	10.384	.26762
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5122	25.701	1.0202	2.5956	1.2835	5.1608	2.5158	26.554
Stddev	.0021	.139	.0026	.0018	.0009	.0061	.0021	.392
%RSD	.08389	.54079	.25230	.06805	.07351	.11821	.08359	1.4776
#1	2.5126	25.552	1.0198	2.5936	1.2825	5.1581	2.5149	26.231
#2	2.5140	25.723	1.0229	2.5967	1.2843	5.1678	2.5182	26.440
#3	2.5099	25.828	1.0178	2.5966	1.2838	5.1566	2.5143	26.991
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5572	1.2694	23.907	2.5992	2.5668	24.749	5.1337	5.0424
Stddev	.0016	.0015	.464	.0048	.0032	.129	.0022	.0319
%RSD	.06426	.12106	1.9389	.18597	.12583	.52021	.04359	.63202
#1	2.5584	1.2679	23.429	2.5941	2.5704	24.642	5.1314	5.0192
#2	2.5578	1.2694	23.938	2.6038	2.5661	24.713	5.1359	5.0292
#3	2.5553	1.2710	24.355	2.5997	2.5640	24.892	5.1337	5.0787
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9581	5.1676	5.1602	5.1468	5.0760	5.314	5.1033	F 3.8386
Stddev	.0105	.0248	.0040	.0174	.0273	.008	.0173	.0819
%RSD	.21117	.48043	.07799	.33759	.53817	.1536	.33870	2.1326
#1	4.9683	5.1917	5.1604	5.1374	5.0967	5.321	5.1107	3.7547
#2	4.9474	5.1689	5.1560	5.1362	5.0863	5.316	5.1157	3.9182
#3	4.9586	5.1421	5.1641	5.1669	5.0450	5.305	5.0836	3.8428

Sample Name: CCV10 Acquired: 4/1/2019 21:45:03 Type: Unk
 Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F .29763
 Stddev .52303
 %RSD 175.73

#1 .84473
 #2 .24560
 #3 -.19743

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4454.6	50355.	6163.9	88.727	4355.5
Stddev	9.3	212.	56.8	1.192	8.7
%RSD	.20955	.42072	.92215	1.3432	.20073

#1	4454.9	50442.	6129.2	89.972	4350.2
#2	4445.1	50113.	6133.0	87.597	4350.7
#3	4463.8	50509.	6229.5	88.611	4365.5

Sample Name: CCB10 Acquired: 4/1/2019 21:49:11 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00035	.00305	F -.00654	-.00116	.00057	-.03387	-.00179
Stddev	.00184	.00085	.00043	.00193	.00165	.00773	.00082
%RSD	521.16	27.918	6.5542	166.14	288.86	22.817	45.855

#1	.00138	.00396	-.00641	-.00238	.00197	-.02887	-.00260
#2	-.00229	.00290	-.00619	-.00217	-.00124	-.04277	-.00181
#3	-.00014	.00228	-.00702	.00106	.00098	-.02997	-.00096

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.00055	-.01413	-.00063	-.00019	-.00869	-.00400
Stddev	.00006	.00003	.01393	.00035	.00012	.00022	.00028
%RSD	703.89	6.2623	98.582	56.510	65.373	2.5722	6.8799

#1	.00004	-.00055	-.01401	-.00027	-.00005	-.00852	-.00380
#2	-.00006	-.00051	-.02813	-.00063	-.00029	-.00894	-.00431
#3	.00004	-.00058	-.00026	-.00098	-.00023	-.00859	-.00389

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00016	-.02880	.00012	-.00148	F .75869	.00072	-.00058
Stddev	.00004	.00435	.00040	.00032	.02318	.00005	.00020
%RSD	22.590	15.113	336.56	21.842	3.0546	7.0717	35.252

#1	-.00014	-.03191	-.00006	-.00111	.78544	.00074	-.00041
#2	-.00014	-.02382	.00058	-.00173	.74592	.00066	-.00052
#3	-.00020	-.03065	-.00016	-.00160	.74471	.00075	-.00081

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.14274	.00021	.00252	F -.01089	.00726	-.00198	-.00025
Stddev	.01425	.00029	.00785	.00020	.00087	.00057	.00126
%RSD	9.9826	136.65	311.72	1.8250	11.970	28.877	502.69

#1	-.15474	.00021	-.00652	-.01109	.00751	-.00142	-.00153
#2	-.12699	.00050	.00647	-.01091	.00629	-.00194	.00098
#3	-.14649	-.00008	.00761	-.01069	.00797	-.00257	-.00020

Sample Name: CCB10 Acquired: 4/1/2019 21:49:11 Type: Unk
 Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00468	-0.0002	-0.00030	F 1.3895	F<.00000
Stddev	.00053	.0011	.00008	.5818	.59060
%RSD	11.225	537.9	27.145	41.875	36.079
#1	-0.00515	.0010	-0.00021	1.4655	-2.0773
#2	-0.00479	-0.0011	-0.00030	.77336	-1.8678
#3	-0.00411	-0.0004	-0.00037	1.9296	-.96580
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4710.6	53296.	6350.7	94.000	4950.0
Stddev	9.2	468.	42.7	1.394	7.6
%RSD	.19544	.87871	.67244	1.4834	.15263
#1	4721.2	52926.	6316.9	92.658	4957.0
#2	4705.7	53822.	6398.7	95.442	4942.0
#3	4704.8	53139.	6336.6	93.900	4950.8

Sample Name: K2176-03LX5 Acquired: 4/1/2019 21:53:40 Type: Unk
Method: P4-ICP2(v3010) 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	-.00157	.00248	-.00434	-.00527	-.00178	-.03242	.02623	.00003
Stddev	.00094	.00076	.00059	.00347	.00155	.00388	.00041	.00005
%RSD	59.804	30.809	13.605	65.938	87.086	11.982	1.5736	174.71

#1	-.00075	.00250	-.00437	-.00921	-.00312	-.03319	.02663	.00007
#2	-.00136	.00171	-.00374	-.00264	-.00008	-.03585	.02627	.00004
#3	-.00259	.00324	-.00492	-.00396	-.00214	-.02820	.02580	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00071	33.114	.00038	-.00032	-.00913	.00837	.01067	39.901
Stddev	.00004	.045	.00024	.00013	.00003	.00086	.00006	.213
%RSD	5.3802	.13660	62.706	41.453	.35400	10.276	.55194	.53473

#1	-.00072	33.107	.00061	-.00037	-.00916	.00825	.01071	39.707
#2	-.00075	33.072	.00041	-.00042	-.00909	.00928	.01071	39.866
#3	-.00067	33.162	.00013	-.00017	-.00914	.00757	.01061	40.130

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00177	-.00151	205.75	.00125	.08893	16.246	-.00009	.39210
Stddev	.00027	.00027	.76	.00005	.00080	.100	.00038	.02029
%RSD	15.401	17.822	.36737	3.9950	.89702	.61246	424.32	5.1742

#1	-.00184	-.00120	206.58	.00129	.08984	16.215	-.00047	.36994
#2	-.00147	-.00170	205.56	.00127	.08835	16.357	.00030	.39662
#3	-.00200	-.00161	205.10	.00120	.08861	16.165	-.00010	.40975

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.53330	3.3771	-.00184	-.00258	.01845	.7334	.40693	3.8422
Stddev	.00285	.0447	.00023	.00070	.00227	.0032	.00202	.3833
%RSD	.53349	1.3222	12.664	27.048	12.310	.4299	.49651	9.9752

#1	.53563	3.4241	-.00209	-.00296	.01800	.7365	.40920	3.6454
#2	.53013	3.3721	-.00181	-.00300	.02092	.7336	.40629	3.5973
#3	.53414	3.3352	-.00163	-.00177	.01644	.7302	.40532	4.2839

Sample Name: K2176-03LX5 Acquired: 4/1/2019 21:53:40 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .12225
%RSD 19.274

#1 -.61473
#2 -.52297
#3 -.76512

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4394.8	49450.	6169.4	90.219	4272.6
Stddev	4.8	202.	44.7	1.749	3.3
%RSD	.11011	.40858	.72488	1.9384	.07669

#1	4398.2	49294.	6122.9	90.077	4269.2
#2	4389.3	49377.	6173.1	88.546	4272.9
#3	4396.9	49678.	6212.1	92.035	4275.7

Sample Name: K2176-03MS Acquired: 4/1/2019 21:58:11 Type: Unk
Method: P4-ICP2(v3010) 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	.89610	2.2086	1.1049	2.2104	.93231	2.3496	.38441	.24684
Stddev	.00315	.0154	.0061	.0050	.00258	.0200	.00312	.00159
%RSD	.35141	.69848	.55291	.22614	.27649	.85078	.81173	.64226
#1	.89952	2.1928	1.0988	2.2159	.93446	2.3349	.38270	.24503
#2	.89548	2.2236	1.1111	2.2062	.92946	2.3723	.38801	.24750
#3	.89331	2.2094	1.1048	2.2089	.93302	2.3415	.38251	.24799
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22008	165.23	.44014	.23043	.31874	3.3339	.26800	212.95
Stddev	.00067	2.82	.00031	.00133	.00070	.0082	.00023	2.42
%RSD	.30613	1.7088	.07124	.57669	.21901	.24563	.08759	1.1352
#1	.21968	164.21	.43994	.22948	.31944	3.3264	.26797	210.59
#2	.21970	168.42	.43998	.23195	.31875	3.3327	.26778	215.42
#3	.22086	163.06	.44050	.22987	.31804	3.3427	.26824	212.84
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.55598	.08209	1071.7	.35106	.72830	101.86	.44304	2.4009
Stddev	.00297	.00042	10.0	.00038	.00303	.83	.00182	.0299
%RSD	.53487	.50628	.93295	.10928	.41662	.81858	.41113	1.2441
#1	.55257	.08202	1081.6	.35123	.72509	101.34	.44513	2.3984
#2	.55739	.08253	1072.0	.35062	.73112	102.83	.44214	2.4319
#3	.55800	.08171	1061.6	.35132	.72870	101.43	.44184	2.3723
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.0256	F 17.454	.80582	.21341	.34454	F 11.66	2.2997	6.5007
Stddev	.0087	.121	.00485	.00452	.00530	.06	.0384	.1518
%RSD	.28708	.69172	.60205	2.1173	1.5391	.5008	1.6696	2.3349
#1	3.0187	17.426	.80055	.21276	.34061	11.61	2.2836	6.3272
#2	3.0354	17.586	.81011	.21822	.35057	11.72	2.3435	6.6087
#3	3.0228	17.349	.80679	.20925	.34243	11.65	2.2719	6.5662

Sample Name: K2176-03MS Acquired: 4/1/2019 21:58:11 Type: Unk
 Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.54424
%RSD	141.86

#1	-1.0078
#2	-.13498
#3	-.00817

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4017.4	45843.	5938.1	81.800	3703.9
Stddev	13.3	110.	55.6	1.331	12.5
%RSD	.33128	.24031	.93601	1.6270	.33818

#1	4002.7	45935.	5946.3	80.286	3715.8
#2	4028.7	45721.	5878.9	82.328	3690.9
#3	4020.8	45873.	5989.2	82.785	3705.0

Sample Name: K2176-03MSD Acquired: 4/1/2019 22:02:23 Type: Unk
Method: P4-ICP2(v3010) 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	.88614	2.1913	1.0959	2.1875	.92310	2.3008	.37725
Stddev	.00591	.0058	.0037	.0089	.00486	.0165	.00089
%RSD	.66679	.26307	.34073	.40658	.52693	.71927	.23607

#1	.88730	2.1945	1.1002	2.1851	.92162	2.3081	.37799
#2	.87973	2.1947	1.0932	2.1799	.91915	2.3124	.37751
#3	.89138	2.1846	1.0943	2.1973	.92853	2.2818	.37626

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24292	.21851	160.57	.43480	.22726	.31402	3.2968
Stddev	.00093	.00061	1.85	.00126	.00076	.00110	.0072
%RSD	.38153	.28048	1.1544	.29078	.33567	.34995	.21908

#1	.24368	.21921	161.36	.43609	.22775	.31430	3.3042
#2	.24189	.21809	158.45	.43356	.22638	.31281	3.2898
#3	.24320	.21822	161.90	.43477	.22764	.31495	3.2964

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.26259	210.78	.55017	.08059	1015.3	.34769	.72193
Stddev	.00142	1.52	.00141	.00124	12.4	.00142	.00047
%RSD	.54135	.72167	.25600	1.5364	1.2244	.40844	.06518

#1	.26344	211.12	.55152	.07919	1027.5	.34899	.72145
#2	.26337	212.11	.54871	.08102	1015.7	.34790	.72239
#3	.26095	209.12	.55028	.08156	1002.7	.34617	.72195

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	100.23	.43762	2.4057	3.0218	F 16.979	.79807	.20904
Stddev	.51	.00226	.0466	.0024	.230	.00164	.00195
%RSD	.50685	.51697	1.9348	.07977	1.3536	.20558	.93367

#1	100.82	.43816	2.3949	3.0210	16.995	.79993	.20959
#2	99.908	.43514	2.4567	3.0245	16.741	.79743	.21066
#3	99.976	.43957	2.3655	3.0198	17.200	.79684	.20687

Sample Name: K2176-03MSD Acquired: 4/1/2019 22:02:23 Type: Unk
Method: P4-ICP2(v3010) 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	.33836	F 11.58	2.2350	6.3254	F<.00000
Stddev	.00325	.06	.0278	.2361	.11154
%RSD	.95981	.4786	1.2442	3.7327	8.7445

#1	.33838	11.51	2.2450	6.2319	-1.2541
#2	.33509	11.62	2.2035	6.1503	-1.1763
#3	.34159	11.60	2.2564	6.5939	-1.3963

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4051.4	46474.	6093.7	86.659	3723.3
Stddev	18.5	61.	75.5	.832	6.1
%RSD	.45693	.13049	1.2387	.96001	.16357

#1	4061.2	46417.	6101.2	87.131	3719.2
#2	4062.9	46468.	6165.2	87.147	3730.3
#3	4030.0	46538.	6014.8	85.698	3720.5

Sample Name: K2176-03A Acquired: 4/1/2019 22:06:37 Type: Unk
Method: P4-ICP2(v3010) 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	.88934	2.2022	1.0964	2.1930	.92496	2.3181	.37982
Stddev	.00264	.0059	.0042	.0195	.00610	.0368	.00446
%RSD	.29739	.26809	.38335	.88745	.65970	1.5893	1.1740

#1	.88646	2.2062	1.1005	2.1842	.91875	2.2989	.37544
#2	.89166	2.2050	1.0966	2.2153	.93095	2.2947	.37966
#3	.88990	2.1954	1.0921	2.1795	.92518	2.3605	.38435

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24480	.21957	161.47	.43750	.22789	.31540	3.3613
Stddev	.00026	.00058	1.79	.00122	.00052	.00160	.0074
%RSD	.10545	.26374	1.1073	.27977	.23003	.50853	.22066

#1	.24459	.22023	159.44	.43612	.22819	.31412	3.3602
#2	.24509	.21933	162.83	.43844	.22821	.31720	3.3692
#3	.24472	.21914	162.13	.43795	.22729	.31489	3.3545

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.26367	210.90	.55275	.08159	1008.0	.34917	.72550
Stddev	.00093	1.33	.00266	.00090	10.9	.00148	.00146
%RSD	.35141	.63114	.48103	1.0996	1.0846	.42329	.20144

#1	.26265	210.80	.55560	.08129	998.69	.35080	.72707
#2	.26389	209.62	.55232	.08260	1020.0	.34880	.72525
#3	.26446	212.28	.55033	.08088	1005.2	.34791	.72418

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	100.74	.43932	2.3934	3.0390	F 17.038	.80045	.21215
Stddev	.54	.00224	.0177	.0204	.142	.00208	.00152
%RSD	.53815	.51059	.73941	.67056	.83321	.25935	.71552

#1	100.13	.43758	2.4004	3.0461	16.900	.80257	.21216
#2	100.95	.44185	2.3733	3.0549	17.184	.80037	.21063
#3	101.15	.43853	2.4066	3.0160	17.030	.79842	.21366

Sample Name: K2176-03A Acquired: 4/1/2019 22:06:37 Type: Unk
Method: P4-ICP2(v3010) 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	.33587	F 11.62	2.2462	6.8477	F<.00000
Stddev	.00226	.07	.0229	.1642	.10757
%RSD	.67259	.5809	1.0192	2.3973	9.6729
#1	.33706	11.70	2.2199	6.7911	-1.0486
#2	.33327	11.58	2.2618	7.0326	-1.0514
#3	.33729	11.60	2.2569	6.7192	-1.2363
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4041.9	46234.	6059.6	85.871	3711.6
Stddev	14.5	131.	46.0	1.856	9.0
%RSD	.35850	.28252	.75969	2.1616	.24188
#1	4055.0	46361.	6109.4	85.313	3701.3
#2	4026.3	46239.	6018.6	84.357	3717.3
#3	4044.5	46100.	6050.7	87.942	3716.4

Sample Name: CCV11 Acquired: 4/1/2019 22:10:49 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9441	5.2628	5.0097	4.8965	5.0525	9.9342	10.086	.25900
Stddev	.0045	.0146	.0201	.0029	.0033	.0626	.054	.00049
%RSD	.09017	.27711	.40126	.05827	.06549	.62996	.53097	.18900

#1	4.9390	5.2460	5.0052	4.8950	5.0541	9.9981	10.148	.25850
#2	4.9459	5.2721	4.9922	4.8947	5.0487	9.8730	10.059	.25901
#3	4.9472	5.2703	5.0316	4.8998	5.0548	9.9316	10.052	.25948

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4621	24.865	.99117	2.5327	1.2538	5.0225	2.4412	25.729
Stddev	.0078	.181	.00231	.0100	.0034	.0082	.0085	.176
%RSD	.31665	.72968	.23257	.39432	.27470	.16345	.34667	.68541

#1	2.4609	24.664	.99235	2.5302	1.2502	5.0135	2.4468	25.897
#2	2.4550	24.914	.98851	2.5242	1.2544	5.0243	2.4315	25.545
#3	2.4705	25.017	.99264	2.5437	1.2570	5.0297	2.4453	25.745

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5026	1.2340	23.157	2.5332	2.5007	24.138	5.0058	4.9273
Stddev	.0079	.0010	.284	.0021	.0070	.028	.0069	.0721
%RSD	.31638	.07964	1.2243	.08111	.28153	.11409	.13858	1.4631

#1	2.5001	1.2350	23.109	2.5347	2.5000	24.113	4.9979	4.9991
#2	2.4963	1.2338	22.901	2.5309	2.4940	24.133	5.0090	4.8549
#3	2.5115	1.2331	23.461	2.5341	2.5080	24.167	5.0106	4.9279

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8130	5.0282	5.0376	4.9993	4.9146	5.171	4.9255	F 2.8525
Stddev	.0084	.0701	.0166	.0323	.0480	.013	.0578	.2047
%RSD	.17465	1.3946	.32878	.64694	.97677	.2535	1.1745	7.1757

#1	4.8046	4.9473	5.0257	4.9651	4.8595	5.169	4.8594	2.8984
#2	4.8128	5.0707	5.0306	5.0035	4.9368	5.159	4.9502	3.0303
#3	4.8215	5.0667	5.0566	5.0293	4.9474	5.185	4.9670	2.6288

Sample Name: CCV11 Acquired: 4/1/2019 22:10:49 Type: Unk
Method: P4-ICP2(v3010) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .55208
Stddev	.29248
%RSD	52.977

#1	.88447
#2	.43764
#3	.33412

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4564.0	51795.	6333.4	89.190	4448.9
Stddev	6.2	227.	45.0	1.690	4.7
%RSD	.13542	.43826	.71109	1.8951	.10575

#1	4570.1	51536.	6384.2	90.997	4451.9
#2	4557.8	51959.	6298.2	87.647	4451.3
#3	4564.2	51890.	6317.8	88.927	4443.5

Sample Name: CCB11 Acquired: 4/1/2019 22:14:57 Type: Unk
Method: P4-ICP2(v3010) 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	-.00261	.00382	-.00565	-.00055	.00015	-.02720	-.00199
Stddev	.00070	.00034	.00019	.00141	.00113	.01086	.00075
%RSD	26.851	8.9557	3.2746	254.88	761.79	39.934	37.676

#1	-.00341	.00358	-.00586	-.00101	.00045	-.01845	-.00221
#2	-.00211	.00422	-.00557	.00103	-.00110	-.02379	-.00260
#3	-.00230	.00368	-.00552	-.00168	.00110	-.03936	-.00115

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	-.00052	-.01809	-.00048	-.00036	-.00893	-.00424
Stddev	.00004	.00002	.01232	.00014	.00018	.00017	.00077
%RSD	2510.1	4.1720	68.093	28.411	48.714	1.9122	18.174

#1	.00004	-.00051	-.02477	-.00063	-.00044	-.00876	-.00456
#2	-.00004	-.00051	-.00387	-.00039	-.00049	-.00893	-.00480
#3	-.00001	-.00055	-.02561	-.00041	-.00016	-.00911	-.00336

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00019	-.01024	.00028	-.00140	F .67674	.00060	-.00162
Stddev	.00004	.04406	.00021	.00035	.00611	.00005	.00006
%RSD	18.758	430.22	74.225	24.776	.90247	8.5997	3.7649

#1	-.00023	.04048	.00051	-.00175	.68313	.00066	-.00155
#2	-.00018	-.03213	.00011	-.00139	.67097	.00056	-.00165
#3	-.00016	-.03907	.00022	-.00106	.67613	.00059	-.00167

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.12284	.00037	.00023	F -.01235	.00726	-.00137	-.00242
Stddev	.02514	.00008	.00940	.00333	.00235	.00087	.00043
%RSD	20.463	21.272	4165.3	26.949	32.376	63.992	17.622

#1	-.10349	.00042	-.01062	-.01236	.00544	-.00057	-.00287
#2	-.15125	.00028	.00576	-.01567	.00991	-.00122	-.00238
#3	-.11378	.00041	.00555	-.00901	.00642	-.00230	-.00202

Sample Name: CCB11 Acquired: 4/1/2019 22:14:57 Type: Unk
 Method: P4-ICP2(v3010) 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	-.00120	-.0008	-.00021	F 1.3015	F<.00000
Stddev	.00172	.0004	.00002	.0033	.16709
%RSD	143.58	46.51	11.806	.25296	8.7205
#1	-.00238	-.0010	-.00021	1.3050	-1.8732
#2	-.00198	-.0004	-.00024	1.3012	-1.7746
#3	.00077	-.0010	-.00019	1.2984	-2.1004
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4729.5	53050.	6339.4	92.856	4961.8
Stddev	7.6	116.	38.0	1.282	1.1
%RSD	.16055	.21858	.60008	1.3811	.02180
#1	4720.9	53129.	6297.6	92.333	4963.0
#2	4732.3	52917.	6348.5	91.917	4961.6
#3	4735.3	53103.	6372.1	94.317	4960.9