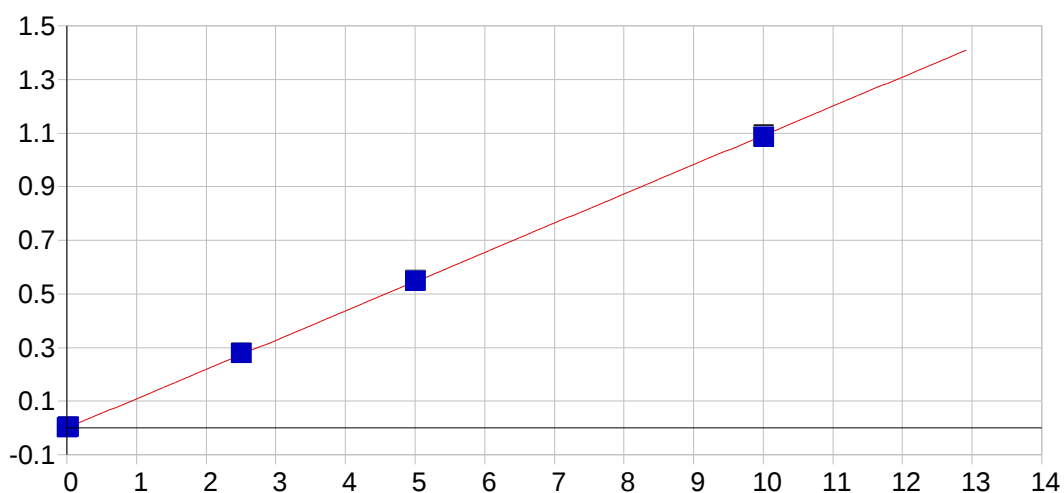


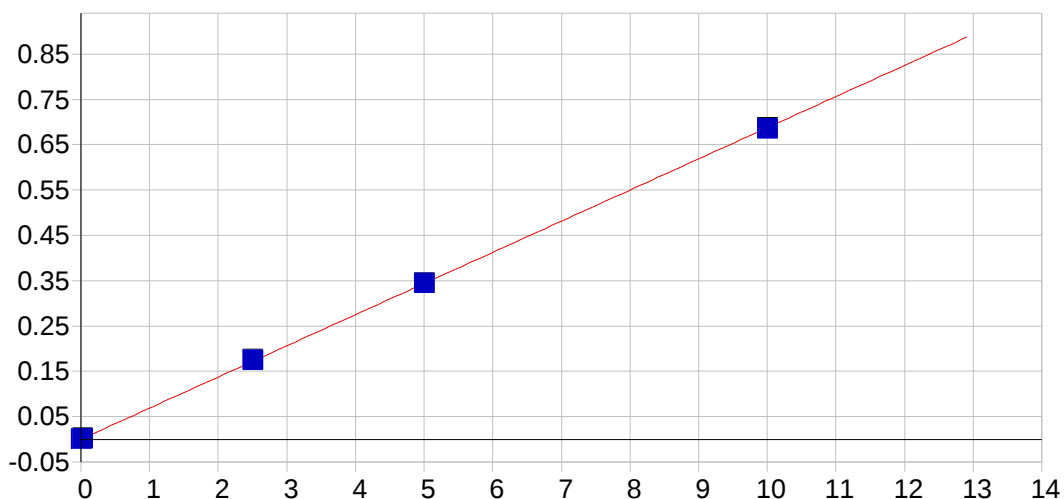


As 189.042 {478}

Date of Fit: 9/20/2018 13:03:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000234 Re-Slope: 1.000000
 A1 (Gain): 0.109142 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999970 Status: OK.
 Std Error of Est: 0.000020
 Predicted MDL: 0.003640
 Predicted MQL: 0.012132

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00023	.000	1
S1	.02000	.02115	.001	5.75	.00207	.000	1
S3	2.5000	2.5420	.042	1.68	.27718	.000	1
S4	5.0000	5.0076	.008	.152	.54627	.002	1
S5	10.000	9.9493	-.051	-.507	1.0856	.005	1



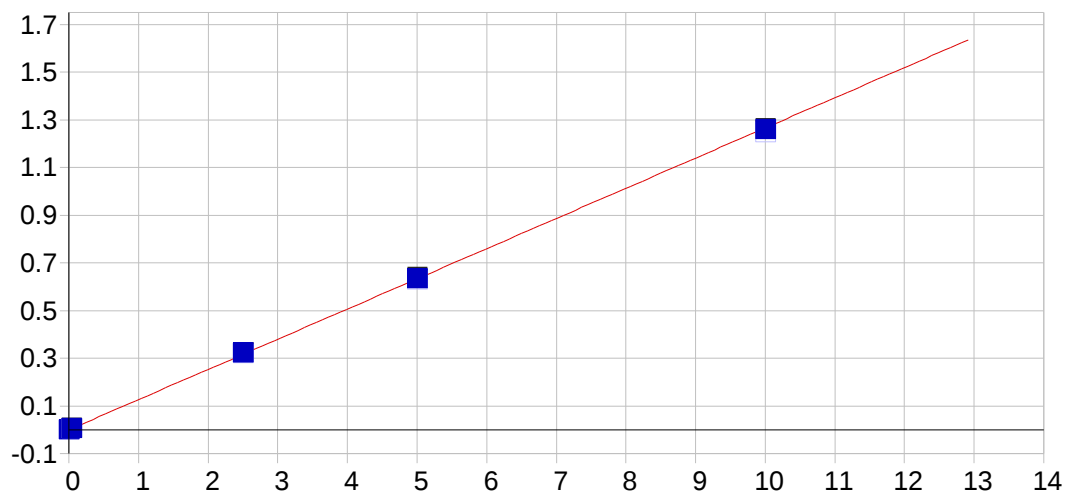
As 189.042 {479}

Date of Fit: 9/20/2018 13:03:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000118 Re-Slope: 1.000000
 A1 (Gain): 0.068721 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999968 Status: OK.
 Std Error of Est: 0.000013

Predicted MDL: 0.003680
 Predicted MQL: 0.012267

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00012	.000	1
S1	.02000	.01862	-.001	-6.92	.00140	.000	1
S3	2.5000	2.5437	.044	1.75	.17491	.001	1
S4	5.0000	5.0087	.009	.174	.34429	.000	1
S5	10.000	9.9490	-.051	-.510	.68377	.003	1

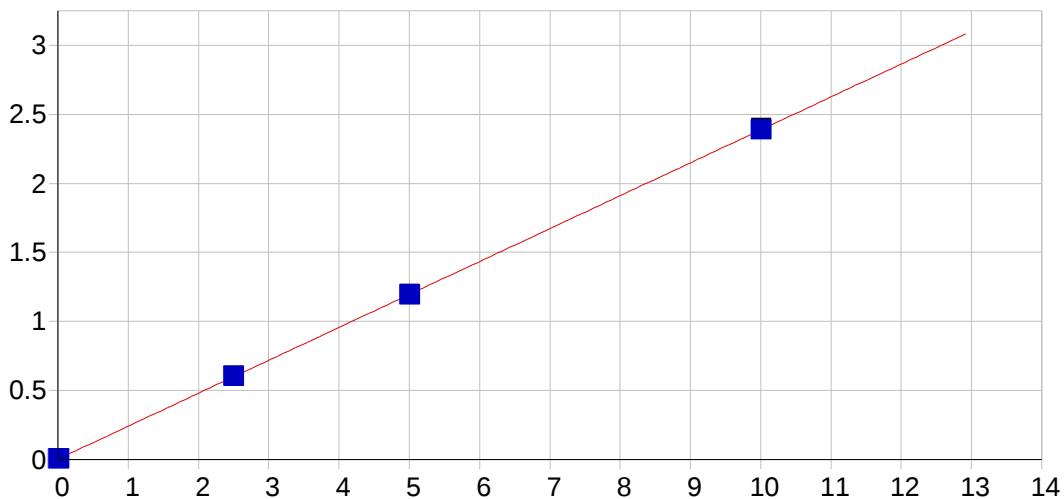


TI 190.856 {477}

Date of Fit: 9/20/2018 13:03:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000284 Re-Slope: 1.000000
 A1 (Gain): 0.126611 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999921 Status: OK.
 Std Error of Est: 0.000054
 Predicted MDL: 0.001730
 Predicted MQL: 0.005767

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00028	.000	1
S1	.04000	.04739	.007	18.5	.00558	.000	1
S3	2.5000	2.5478	.048	1.91	.31905	.000	1
S4	5.0000	5.0101	.010	.201	.62756	.003	1
S5	10.000	9.9349	-.065	-.651	1.2446	.003	1

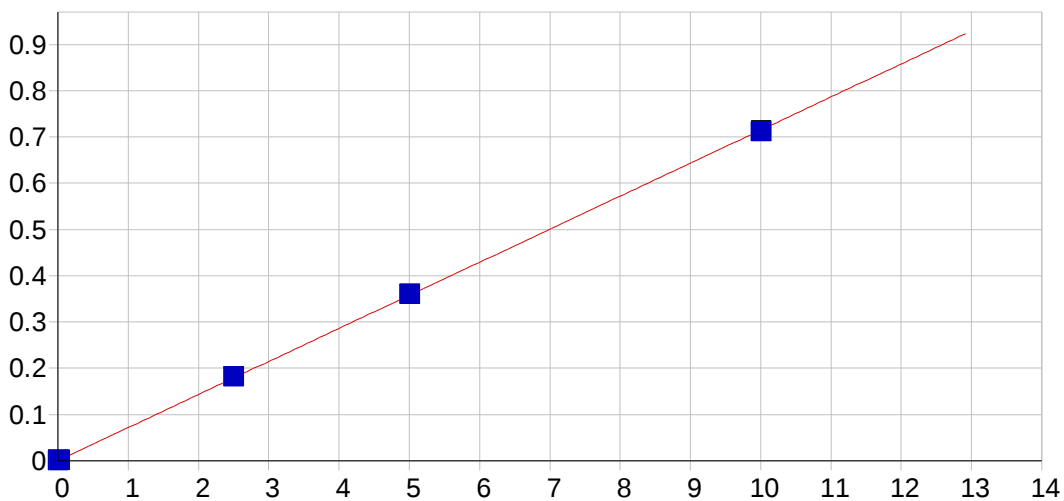


Pb 220.353 {453}

Date of Fit: 9/20/2018 13:03:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003379 Re-Slope: 1.000000
 A1 (Gain): 0.238412 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999998 Status: OK.
 Std Error of Est: 0.000009
 Predicted MDL: 0.001382
 Predicted MQL: 0.004606

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00338	.000	1
S1	.01200	.01195	-.000	-.449	.00618	.000	1
S3	2.5000	2.5074	.007	.295	.60047	.000	1
S4	5.0000	4.9851	-.015	-.298	1.1905	.002	1
S5	10.000	10.008	.008	.076	2.3865	.009	1



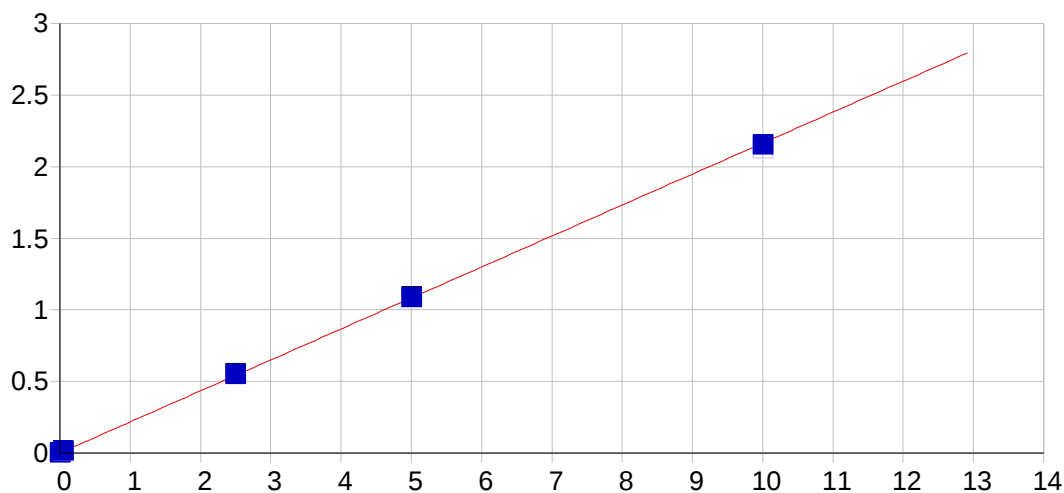
Se 196.090 {472}

Date of Fit: 9/20/2018 13:03:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000425 Re-Slope: 1.000000
 A1 (Gain): 0.071445 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999951 Status: OK.
 Std Error of Est: 0.000017
 Predicted MDL: 0.004387

Predicted MQL: 0.014625

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00043	.000	1
S1	.02000	.01586	-.004	-20.7	.00156	.000	1
S3	2.5000	2.5342	.034	1.37	.18149	.000	1
S4	5.0000	5.0228	.023	.456	.35930	.000	1
S5	10.000	9.9471	-.053	-.529	.71113	.001	1

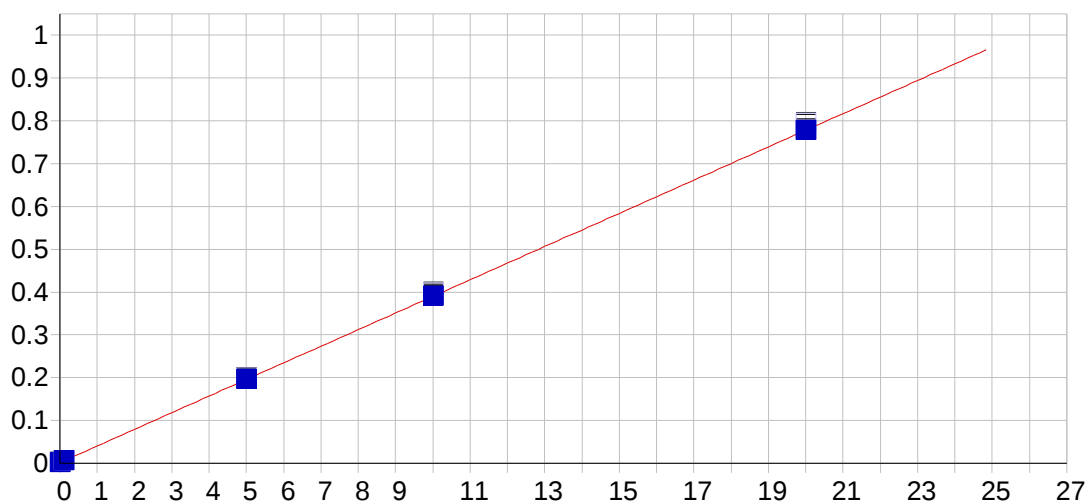


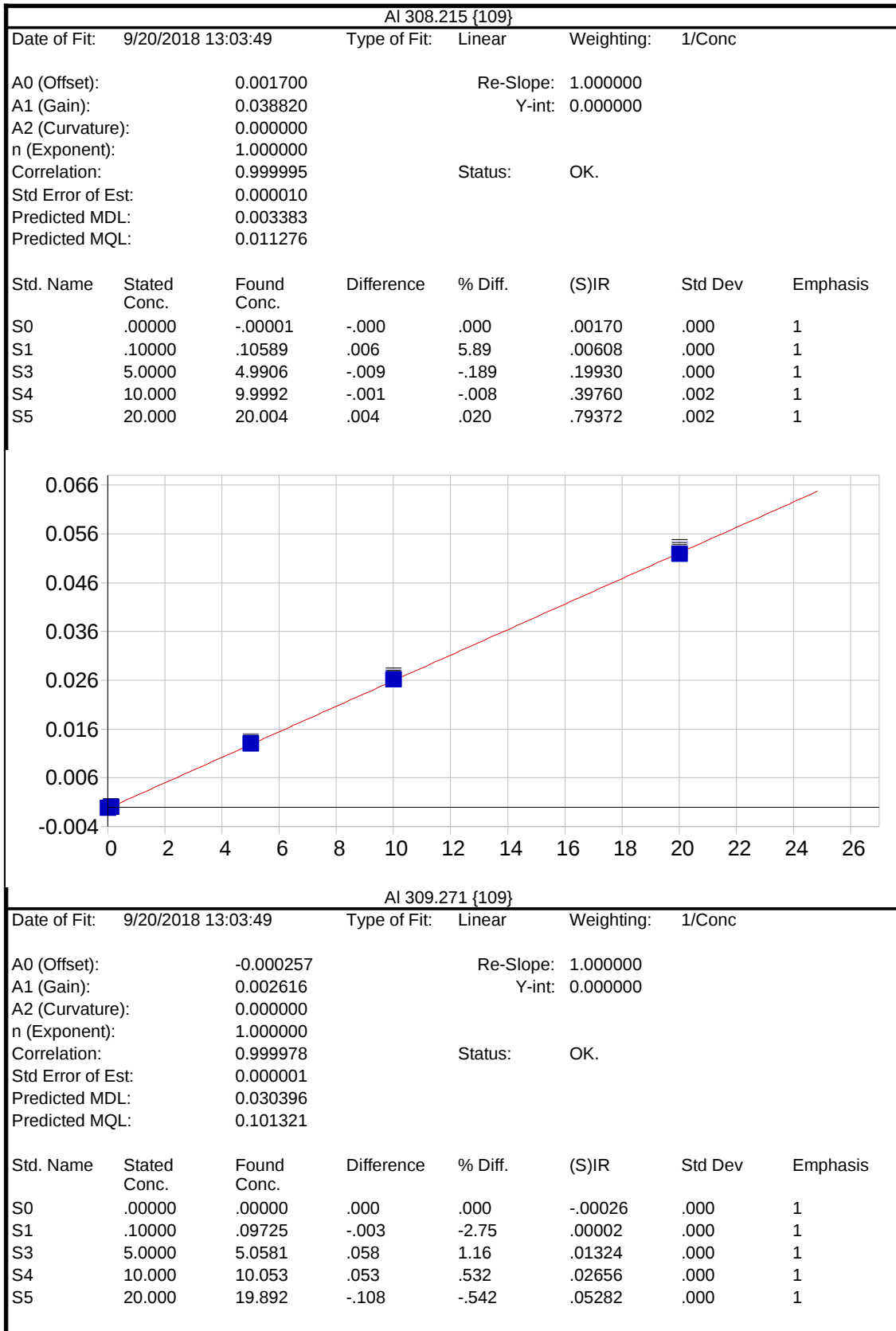
Sb 206.833 {463}

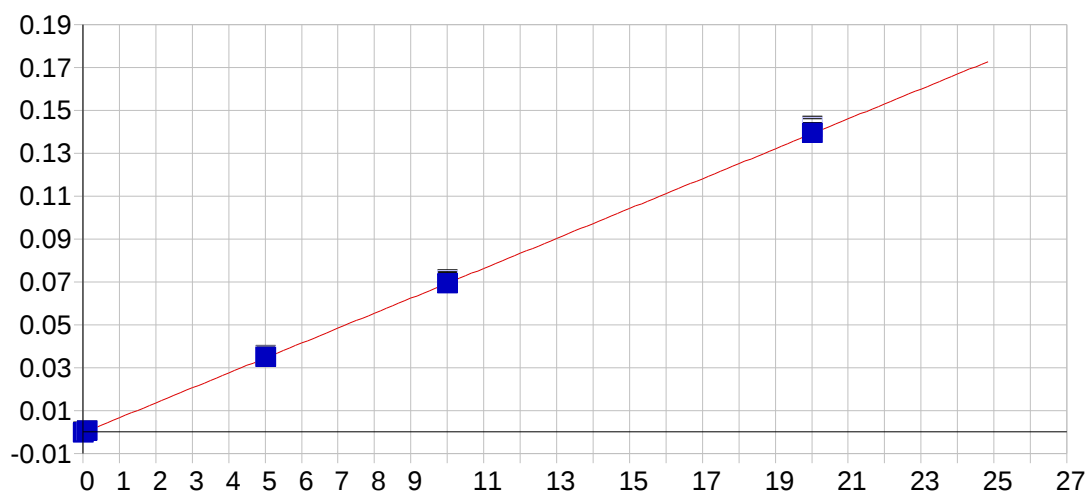
Date of Fit: 9/20/2018 13:03:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001330 Re-Slope: 1.000000
A1 (Gain): 0.216298 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999947 Status: OK.
Std Error of Est: 0.000084
Predicted MDL: 0.002001
Predicted MQL: 0.006669

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00133	.000	1
S1	.05000	.05471	.005	9.42	.01289	.000	1
S3	2.5000	2.5436	.044	1.74	.54543	.001	1
S4	5.0000	5.0223	.022	.446	1.0755	.001	1
S5	10.000	9.9294	-.071	-.706	2.1247	.001	1





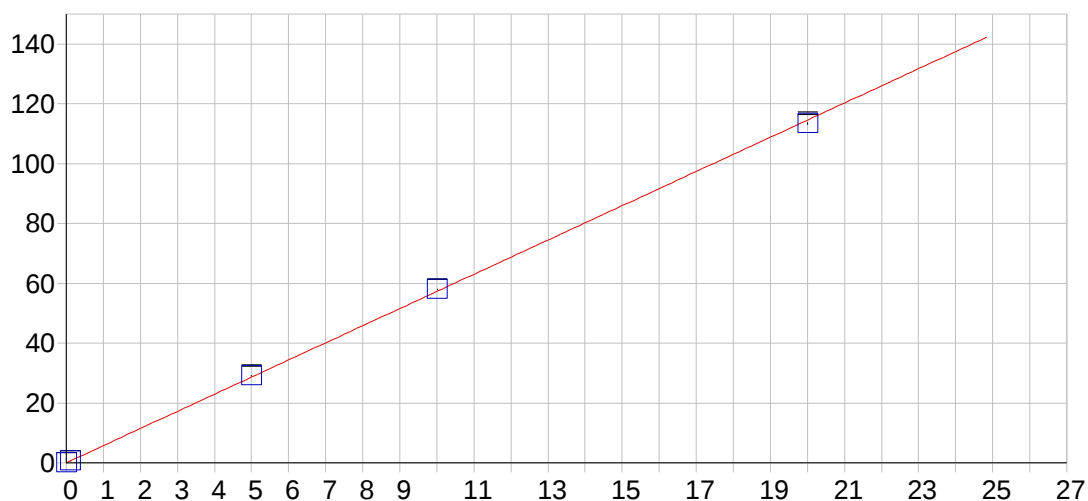


AI 396.152 { 85}

Date of Fit: 9/20/2018 13:03:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000306 Re-Slope: 1.000000
 A1 (Gain): 0.006969 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999996 Status: OK.
 Std Error of Est: 0.000002
 Predicted MDL: 0.016672
 Predicted MQL: 0.055573

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00031	.000	1
S1	.10000	.10252	.003	2.52	.00046	.000	1
S3	5.0000	5.0245	.024	.490	.03540	.000	1
S4	10.000	9.9639	-.036	-.361	.07052	.000	1
S5	20.000	20.009	.009	.045	.14191	.000	1



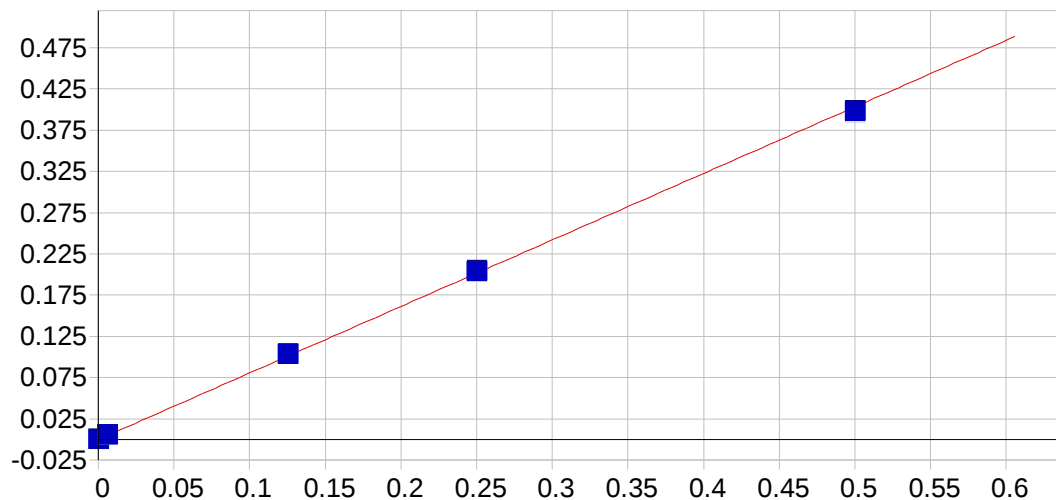
Ba 493.409 { 68}

Date of Fit: 9/20/2018 13:03:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.023523 Re-Slope: 1.000000
 A1 (Gain): 5.726265 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999918 Status: OK.
 Std Error of Est: 0.005609
 Predicted MDL: 0.000724

Predicted MQL: 0.002413

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.02345	.002	1
S1	.10000	.11060	.011	10.6	.65683	.001	1
S3	5.0000	5.0724	.072	1.45	29.069	.149	1
S5	20.000	19.795	-.205	-1.03	113.37	.438	1
S4	10.000	10.122	.122	1.22	57.985	.031	1

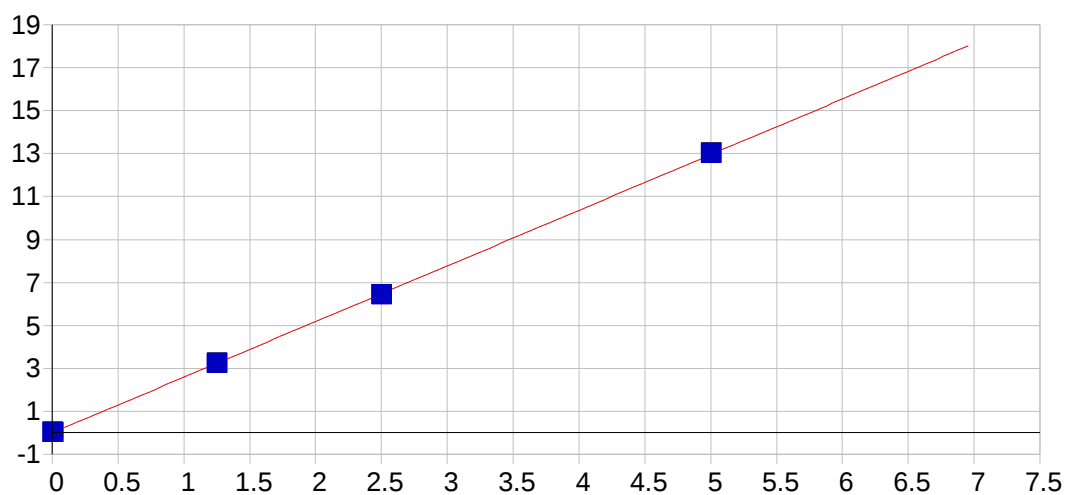


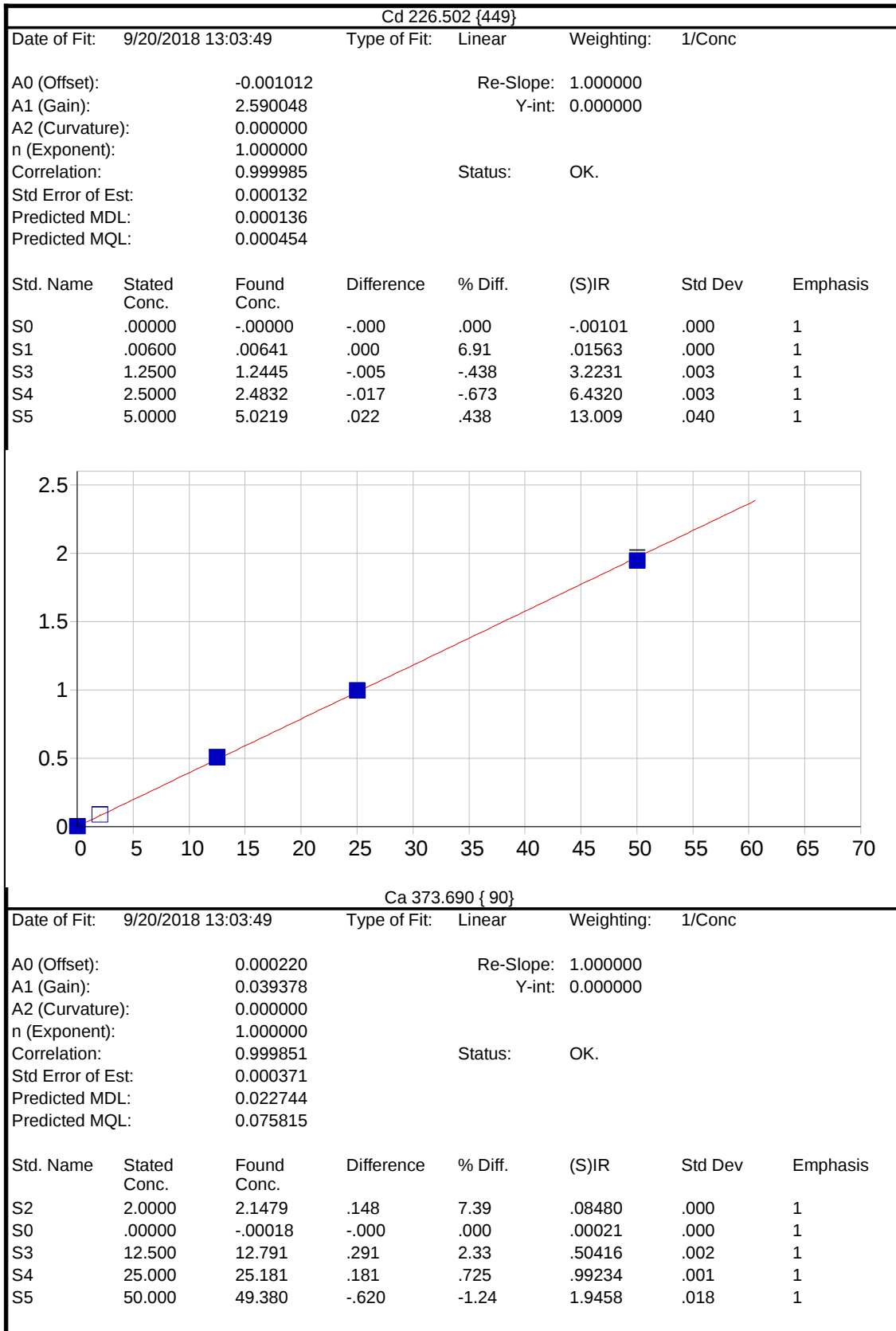
Be 234.861 {144}

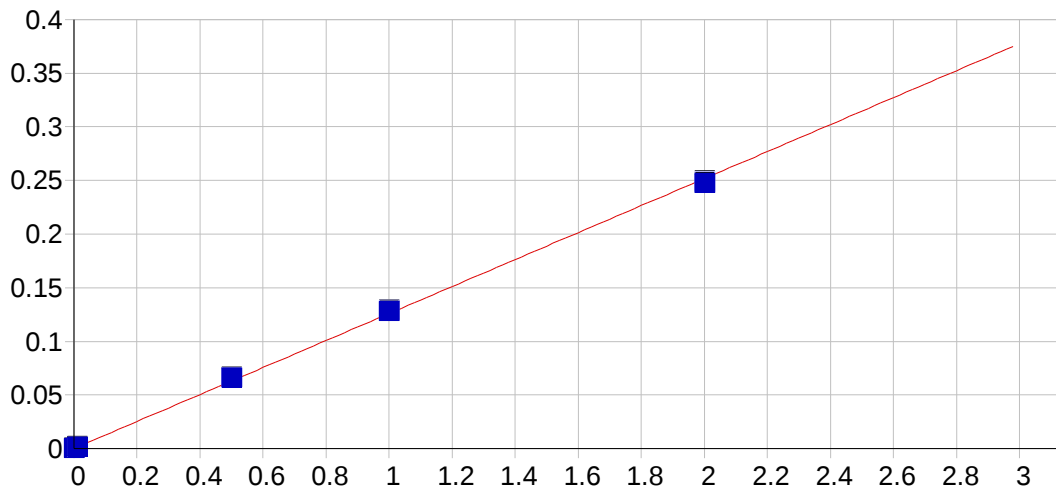
Date of Fit: 9/20/2018 13:03:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000090 Re-Slope: 1.000000
A1 (Gain): 0.806779 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999863 Status: OK.
Std Error of Est: 0.000039
Predicted MDL: 0.000088
Predicted MQL: 0.000292

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00009	.000	1
S1	.00600	.00649	.000	8.18	.00510	.000	1
S3	.12500	.12837	.003	2.70	.10284	.000	1
S4	.25000	.25253	.003	1.01	.20238	.001	1
S5	.50000	.49361	-.006	-1.28	.39561	.000	1





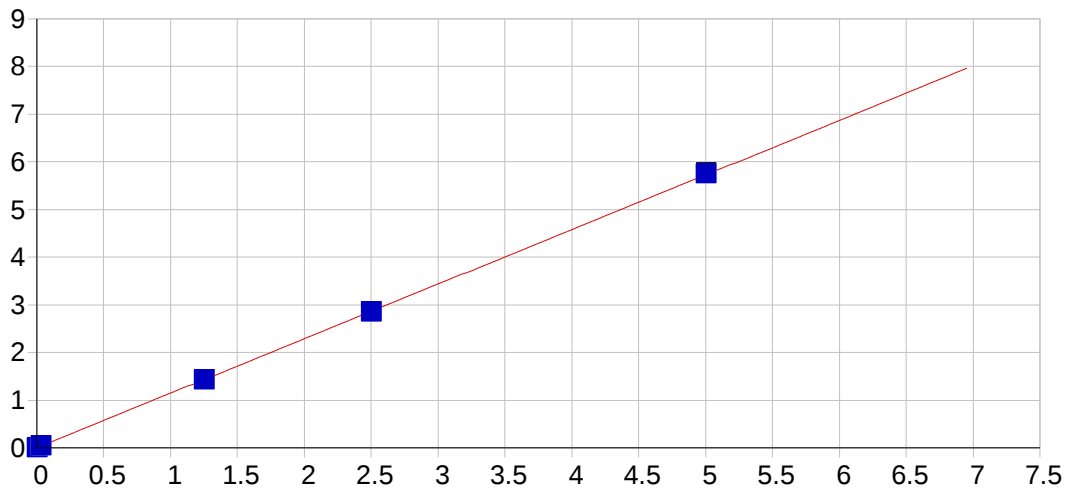


Cr 267.716 {126}

Date of Fit: 9/20/2018 13:03:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000097 Re-Slope: 1.000000
 A1 (Gain): 0.125842 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999712 Status: OK.
 Std Error of Est: 0.000023
 Predicted MDL: 0.000671
 Predicted MQL: 0.002236

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00010	.000	1
S1	.01000	.01073	.001	7.29	.00145	.000	1
S3	.50000	.52227	.022	4.45	.06629	.000	1
S4	1.0000	1.0159	.016	1.59	.12887	.000	1
S5	2.0000	1.9611	-.039	-1.94	.24877	.001	1



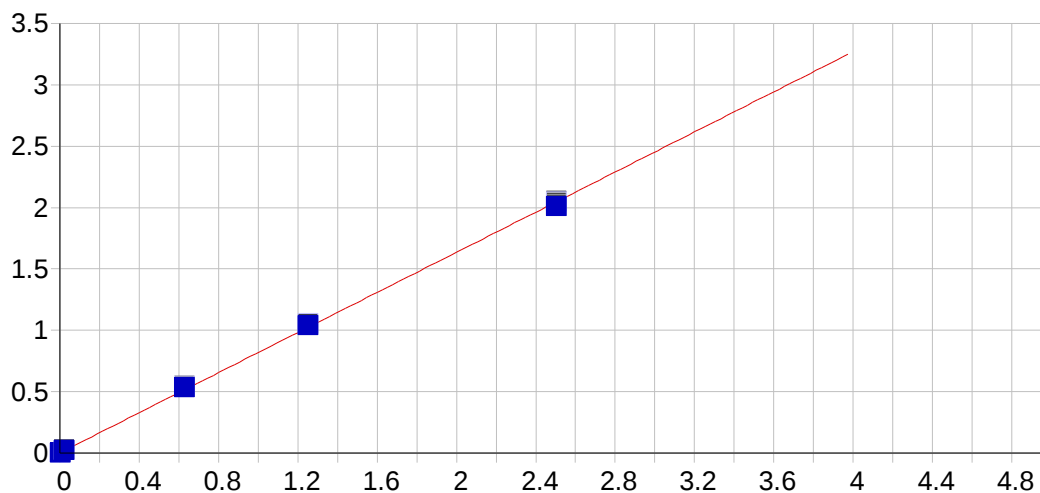
Co 228.616 {447}

Date of Fit: 9/20/2018 13:03:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001020 Re-Slope: 1.000000
 A1 (Gain): 1.144735 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999962 Status: OK.
 Std Error of Est: 0.000209
 Predicted MDL: 0.000285

Predicted MQL: 0.000951

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00102	.000	1
S1	.03000	.03368	.004	12.3	.03934	.000	1
S3	1.2500	1.2409	-.009	-.732	1.4226	.004	1
S4	2.5000	2.4865	-.014	-.540	2.8496	.001	1
S5	5.0000	5.0190	.019	.380	5.7509	.016	1

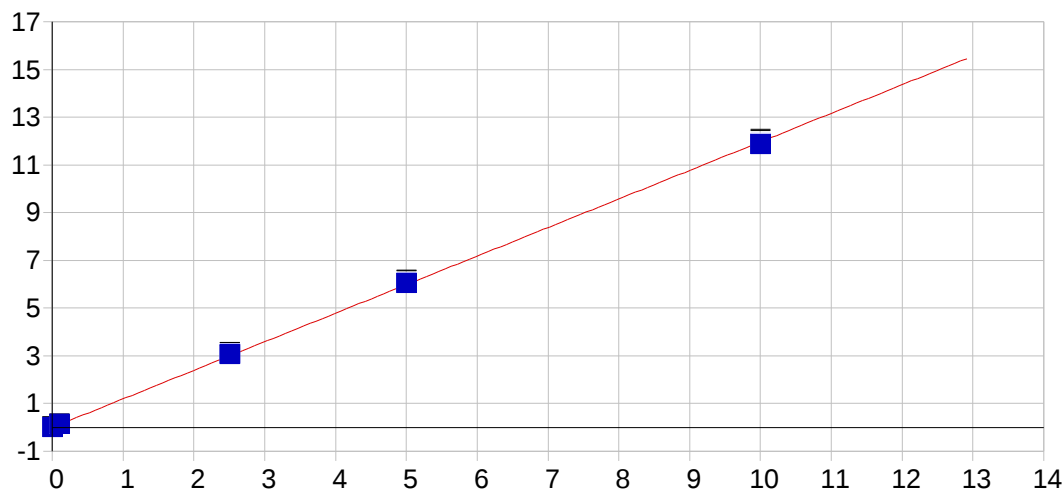


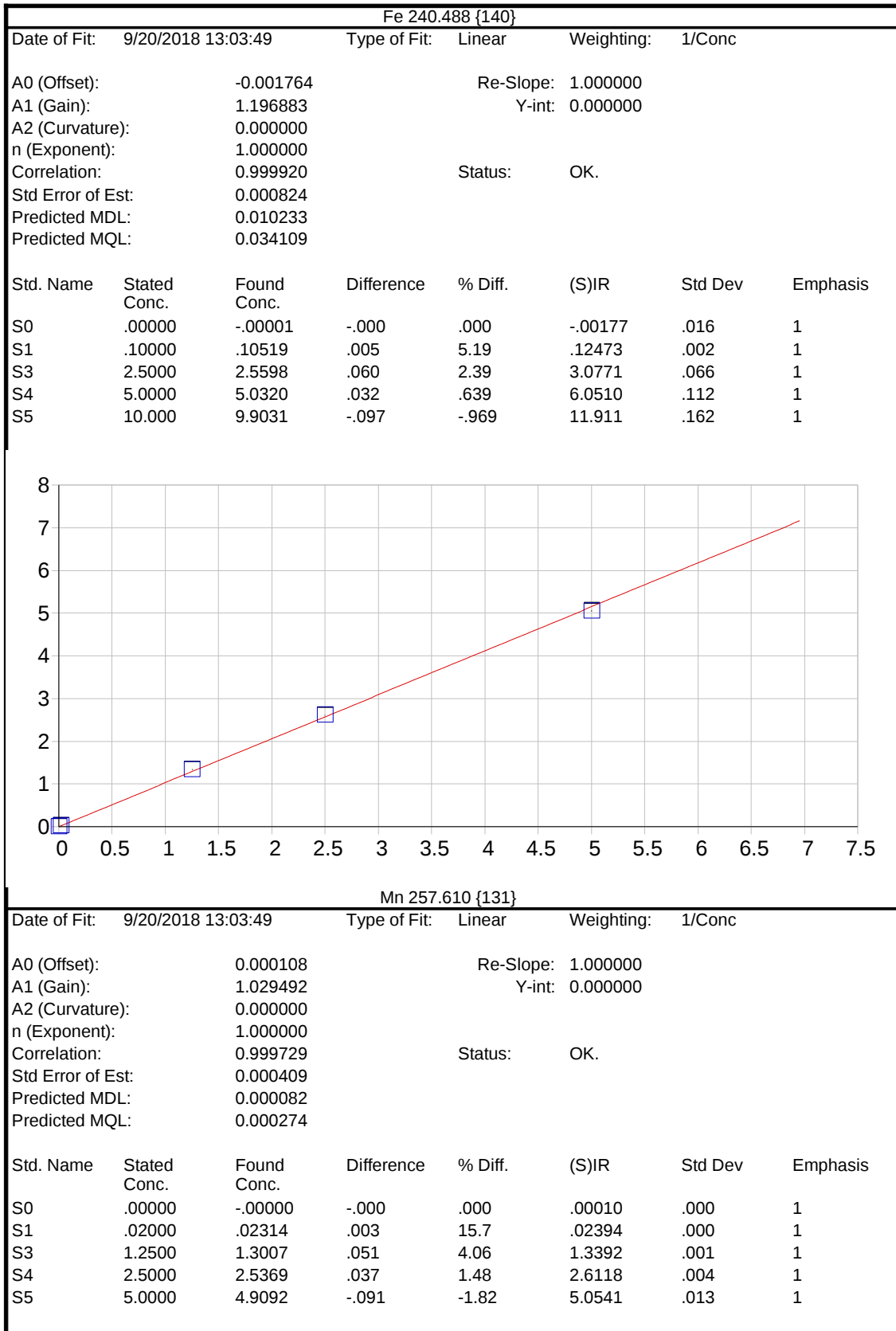
Cu 224.700 [450]

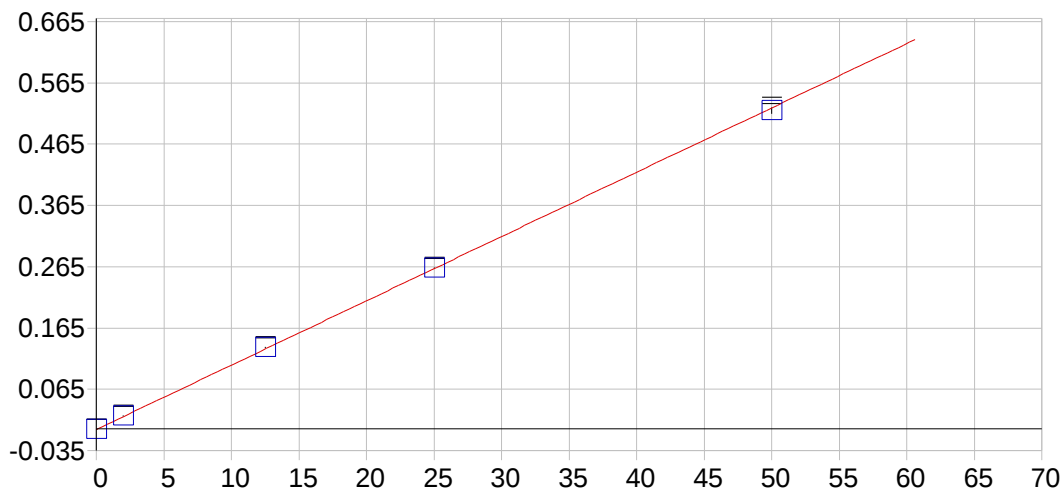
Date of Fit: 9/20/2018 13:03:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001688 Re-Slope: 1.000000
A1 (Gain): 0.817045 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999775 Status: OK.
Std Error of Est: 0.000213
Predicted MDL: 0.000620
Predicted MQL: 0.002067

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00169	.000	1
S1	.02000	.02216	.002	10.8	.02005	.000	1
S3	.62500	.64884	.024	3.81	.54028	.002	1
S4	1.2500	1.2659	.016	1.27	1.0529	.002	1
S5	2.5000	2.4581	-.042	-1.68	2.0439	.008	1





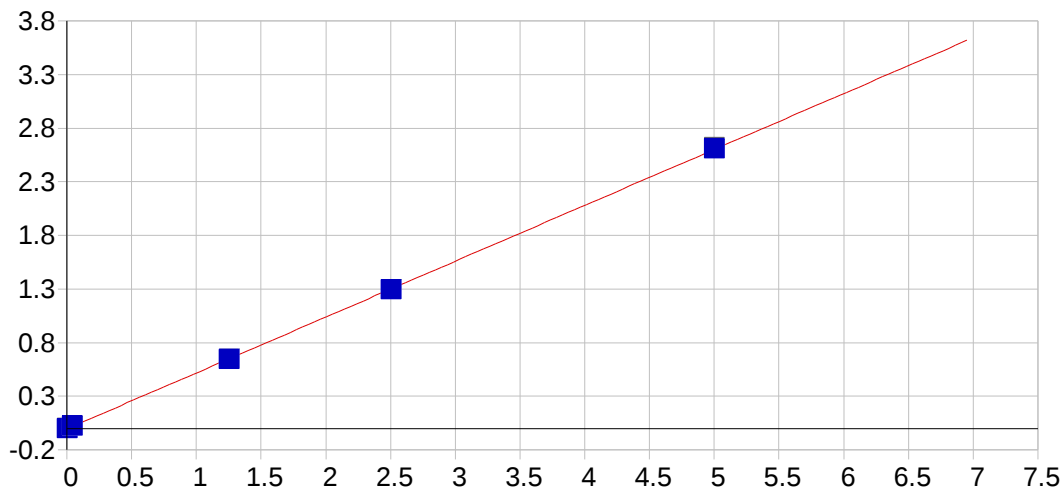


Mg 279.079 {121}

Date of Fit: 9/20/2018 13:03:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000612 Re-Slope: 1.000000
 A1 (Gain): 0.010492 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999915 Status: OK.
 Std Error of Est: 0.000075
 Predicted MDL: 0.048401
 Predicted MQL: 0.161337

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1094	.109	5.47	.02152	.001	1
S0	.00000	-.00014	-.000	.000	-.00061	.000	1
S3	12.500	12.750	.250	2.00	.13317	.001	1
S4	25.000	25.085	.085	.341	.26259	.001	1
S5	50.000	49.555	-.445	-8.90	.51933	.005	1



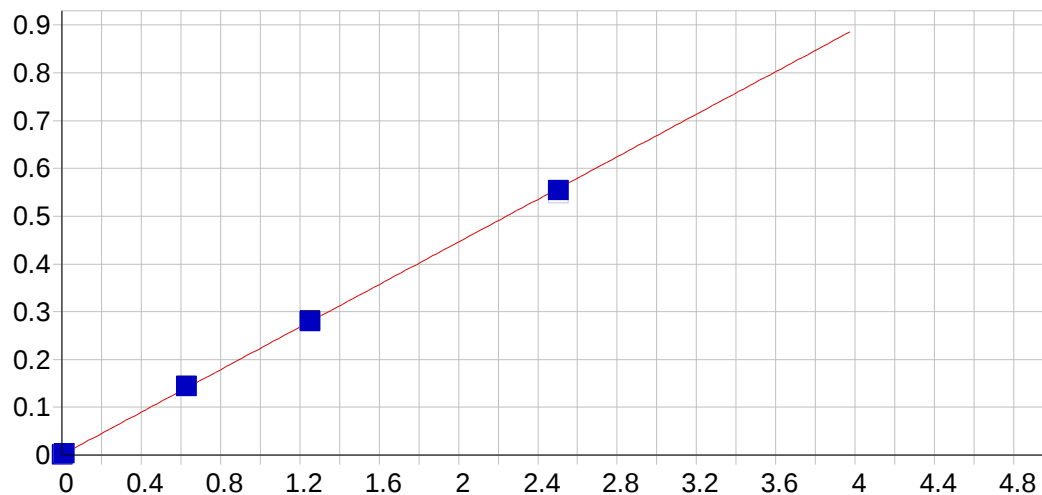
Ni 231.604 {445}

Date of Fit: 9/20/2018 13:03:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.004169 Re-Slope: 1.000000
 A1 (Gain): 0.521233 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999961 Status: OK.
 Std Error of Est: 0.000112
 Predicted MDL: 0.000581

Predicted MQL: 0.001936

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00417	.000	1
S1	.04000	.04490	.005	12.2	.01925	.000	1
S3	1.2500	1.2444	-.006	-.445	.64518	.001	1
S4	2.5000	2.4894	-.011	-.424	1.2948	.000	1
S5	5.0000	5.0113	.011	.225	2.6107	.005	1

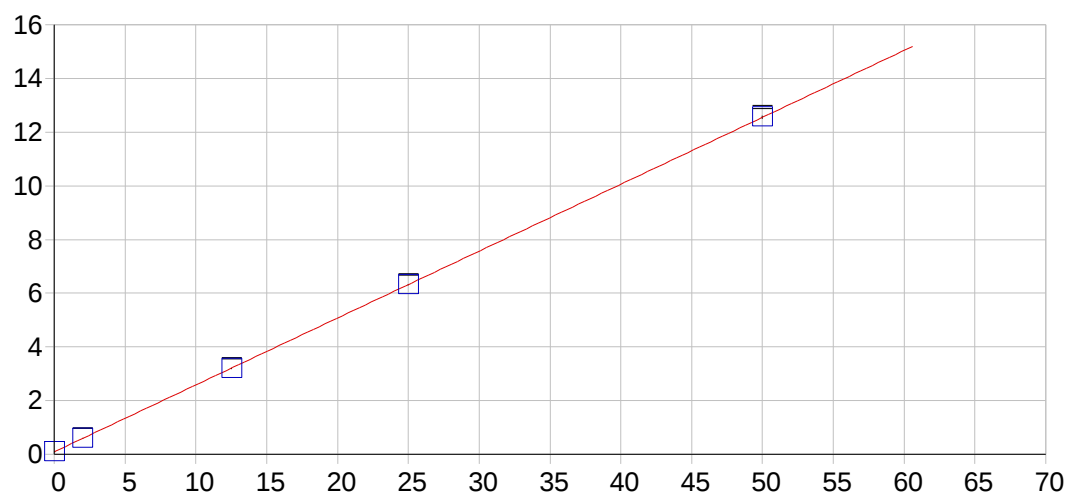


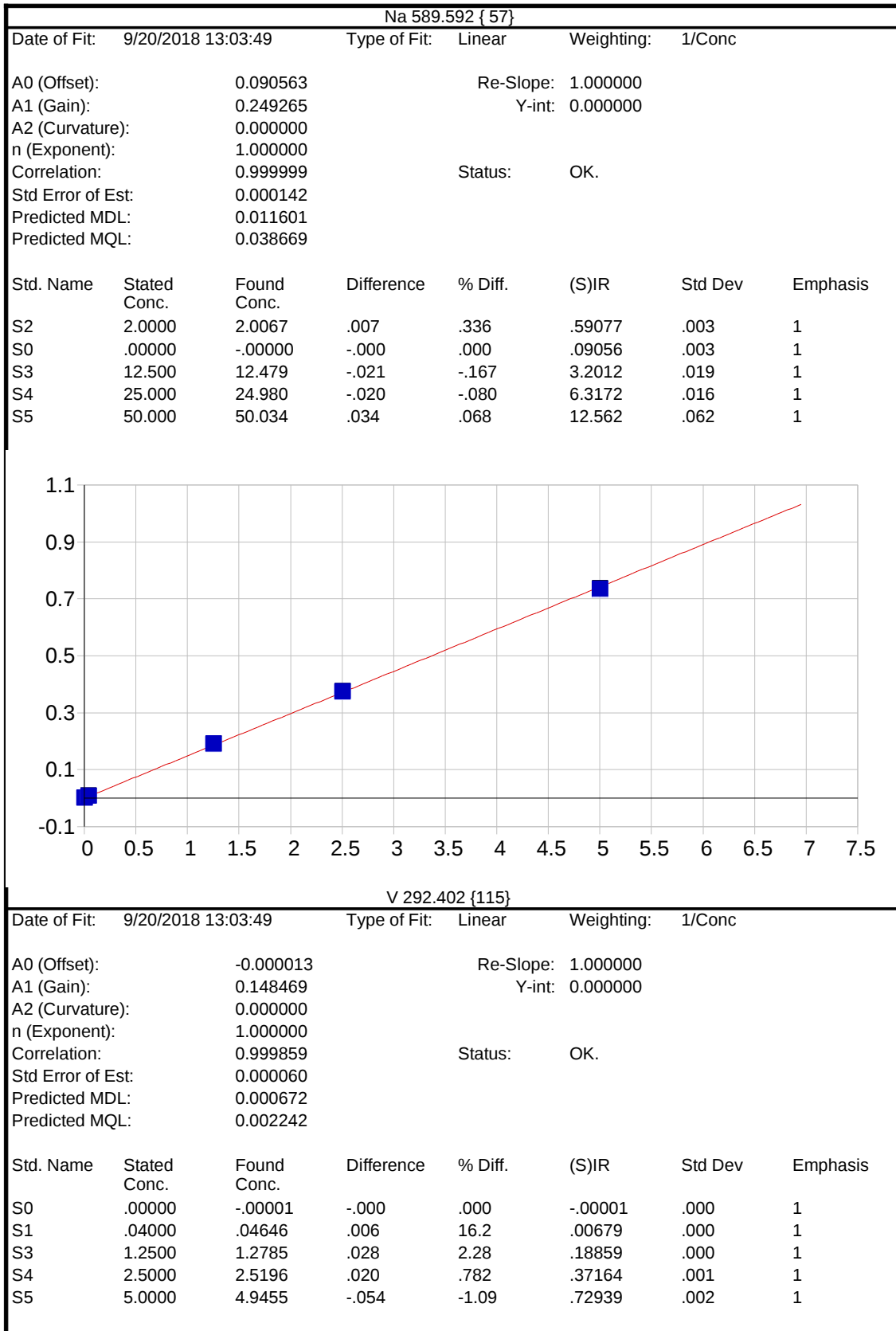
Ag 328.068 {103}

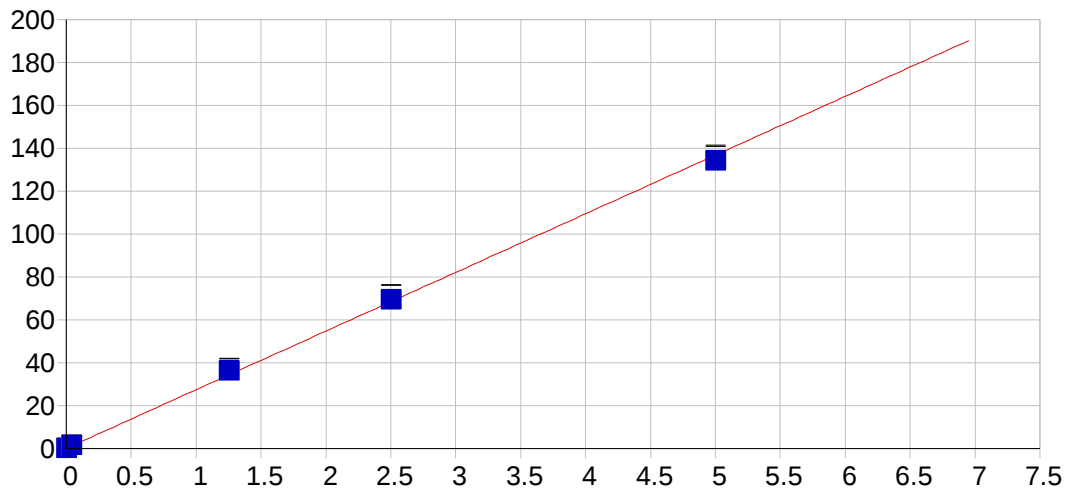
Date of Fit: 9/20/2018 13:03:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000445 Re-Slope: 1.000000
A1 (Gain): 0.222812 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999925 Status: OK.
Std Error of Est: 0.000023
Predicted MDL: 0.000645
Predicted MQL: 0.002149

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00044	.000	1
S1	.01000	.01084	.001	8.39	.00282	.000	1
S3	.62500	.64061	.016	2.50	.14160	.000	1
S4	1.2500	1.2542	.004	.336	.27674	.000	1
S5	2.5000	2.4794	-.021	-.826	.54656	.001	1





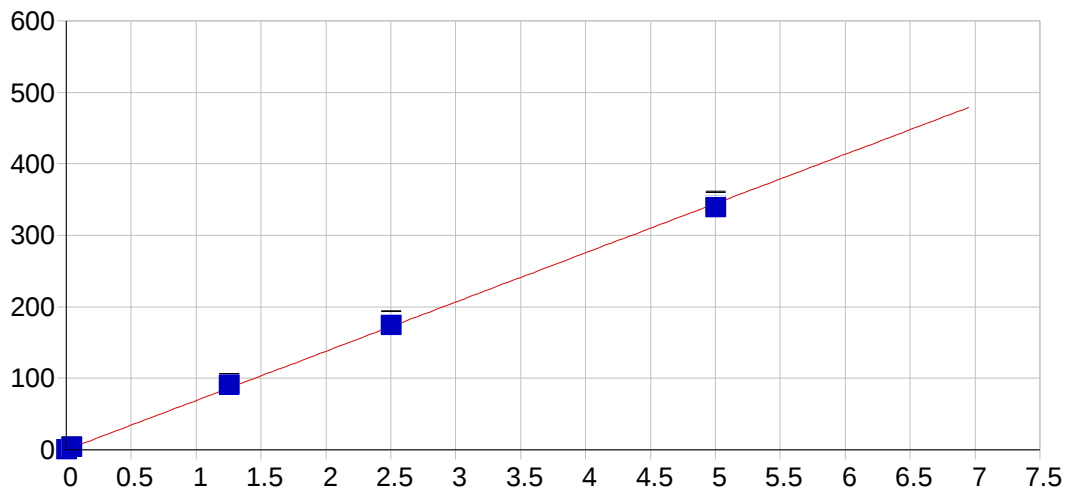


Zn 206.200 {163}

Date of Fit: 9/20/2018 13:03:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.085799 Re-Slope: 1.000000
 A1 (Gain): 27.351260 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999578 Status: OK.
 Std Error of Est: 0.019341
 Predicted MDL: 0.000543
 Predicted MQL: 0.001811

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.08558	.011	1
S1	.04000	.04611	.006	15.3	1.3540	.013	1
S3	1.2500	1.3218	.072	5.75	36.446	.897	1
S4	2.5000	2.5263	.026	1.05	69.596	2.16	1
S5	5.0000	4.8958	-.104	-2.08	134.82	2.03	1



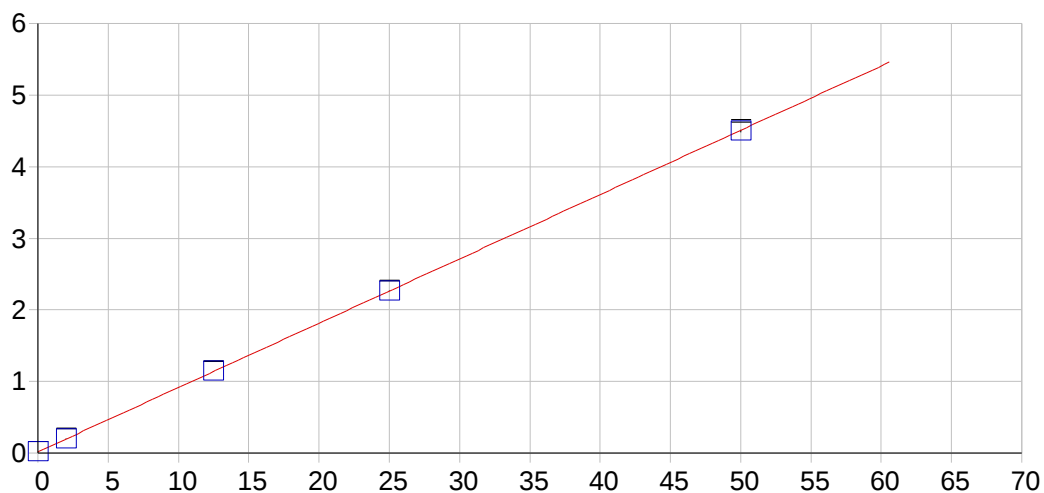
Zn 213.856 {458}

Date of Fit: 9/20/2018 13:03:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.053349 Re-Slope: 1.000000
 A1 (Gain): 68.885129 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999721 Status: OK.
 Std Error of Est: 0.039618
 Predicted MDL: 0.000108

Predicted MQL: 0.000362

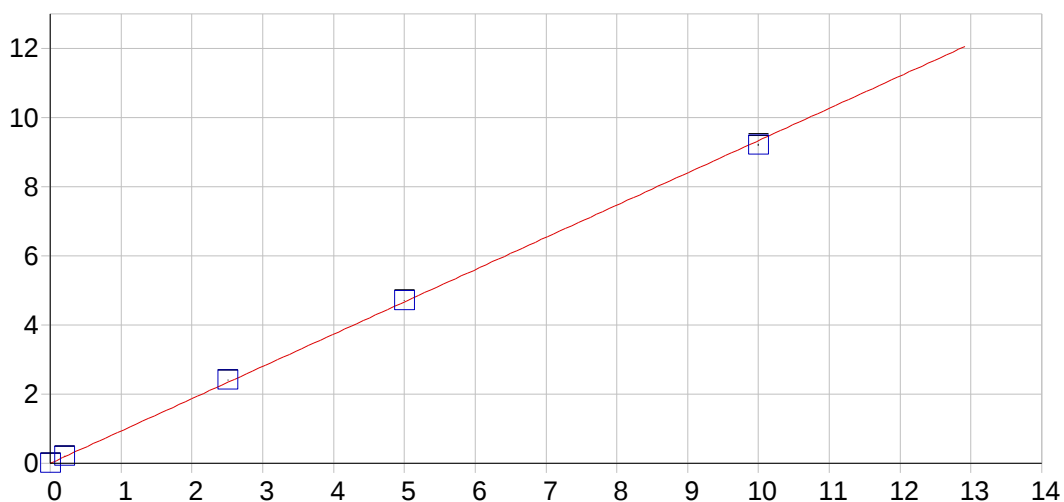
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.05285	.005	1
S1	.04000	.04583	.006	14.6	3.2283	.006	1
S3	1.2500	1.3066	.057	4.53	90.578	1.92	1
S4	2.5000	2.5208	.021	.830	174.74	5.02	1
S5	5.0000	4.9168	-.083	-1.66	340.83	6.54	1

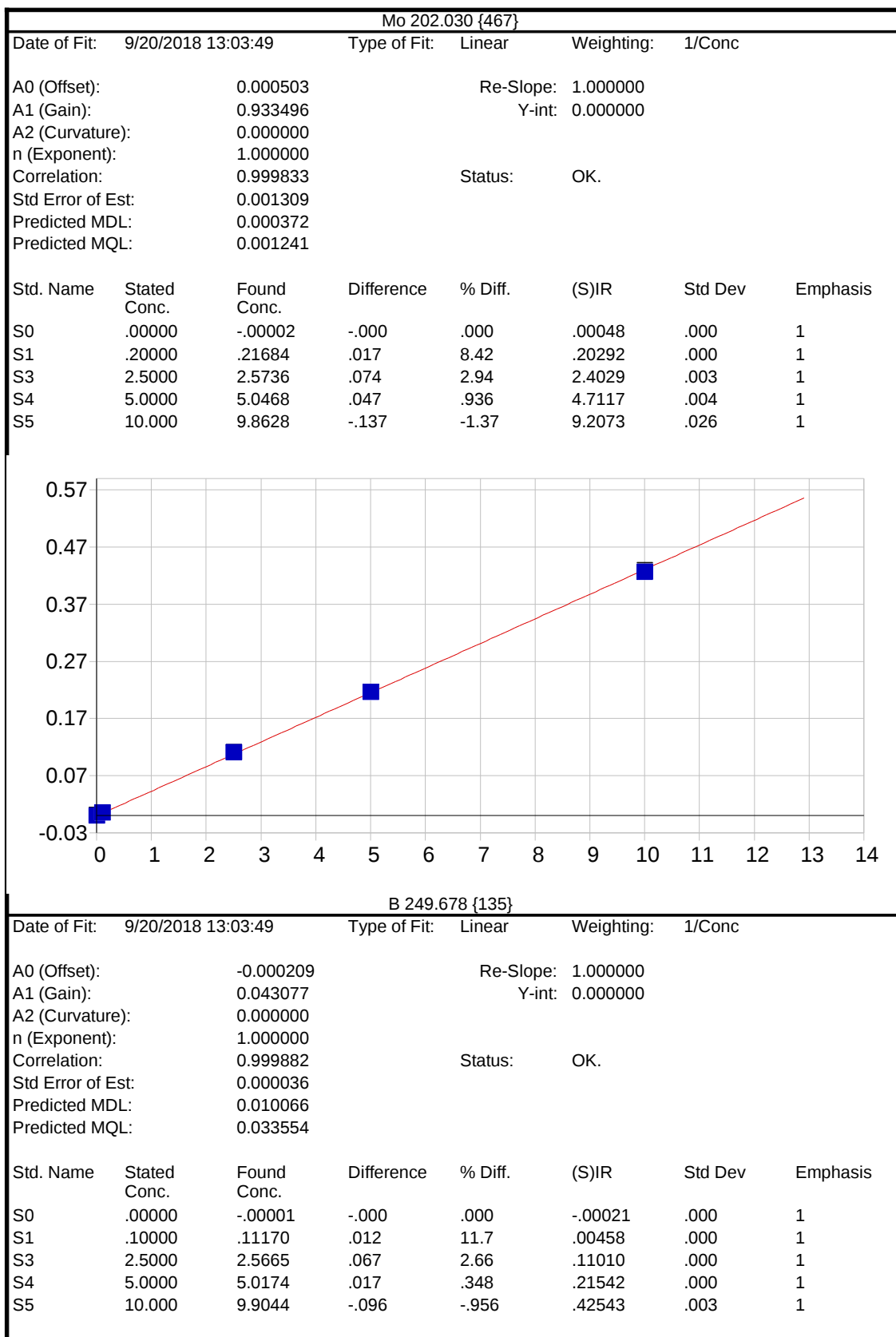


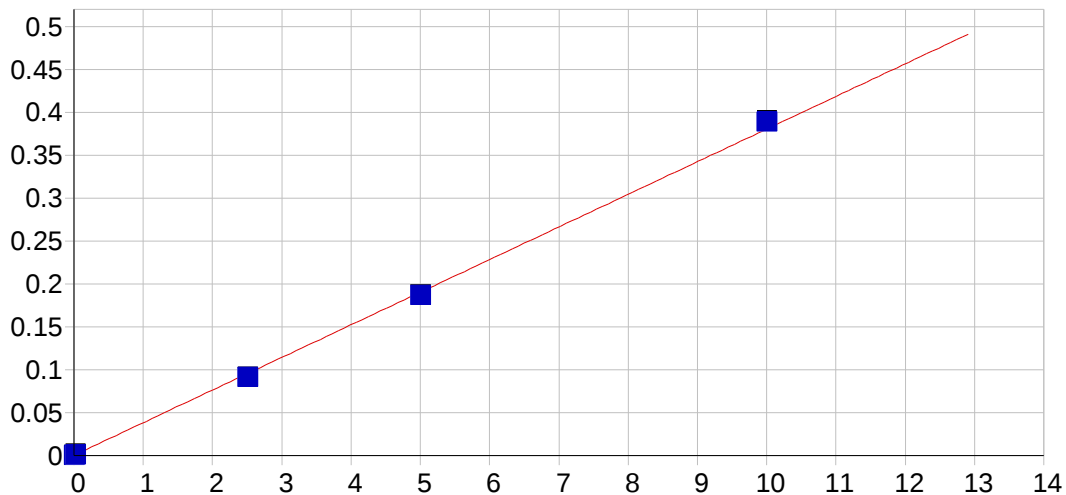
Date of Fit: 9/20/2018 13:03:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.016835 Re-Slope: 1.000000
A1 (Gain): 0.089831 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999992 Status: OK.
Std Error of Est: 0.000193
Predicted MDL: 0.039159
Predicted MQL: 0.130530

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0436	.044	2.18	.20041	.002	1
S0	.00000	-.00005	-.000	.000	.01683	.001	1
S3	12.500	12.538	.038	.301	1.1431	.006	1
S4	25.000	25.035	.035	.142	2.2658	.007	1
S5	50.000	49.883	-.117	-.233	4.4979	.017	1





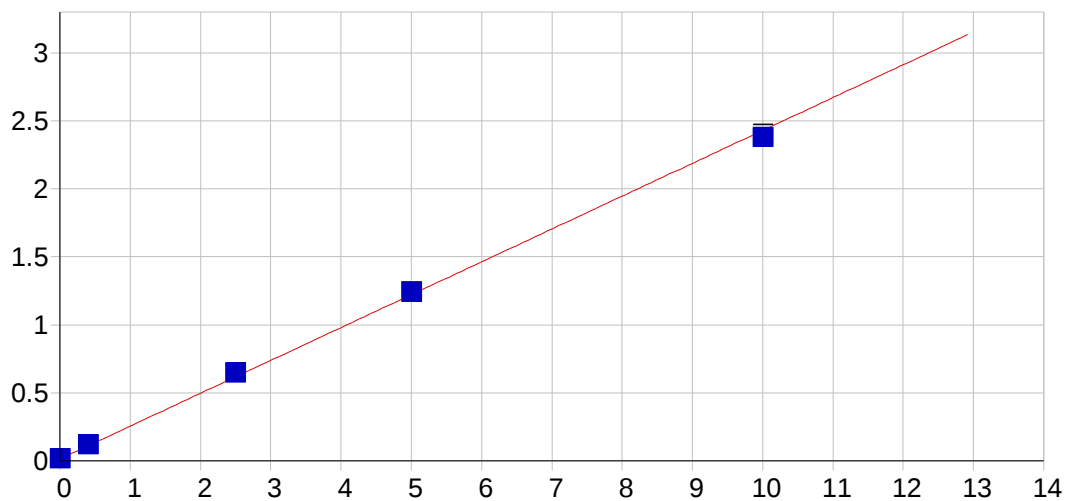


Si 182.034 {485}

Date of Fit: 9/20/2018 13:03:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000319 Re-Slope: 1.000000
 A1 (Gain): 0.038017 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999647 Status: OK.
 Std Error of Est: 0.000024
 Predicted MDL: 0.004192
 Predicted MQL: 0.013974

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00032	.000	1
S1	.02000	.01833	-.002	-8.33	.00099	.000	1
S3	2.5000	2.3859	-.114	-4.56	.09092	.000	1
S4	5.0000	4.8960	-.104	-2.08	.18624	.001	1
S5	10.000	10.220	.220	2.20	.38841	.001	1



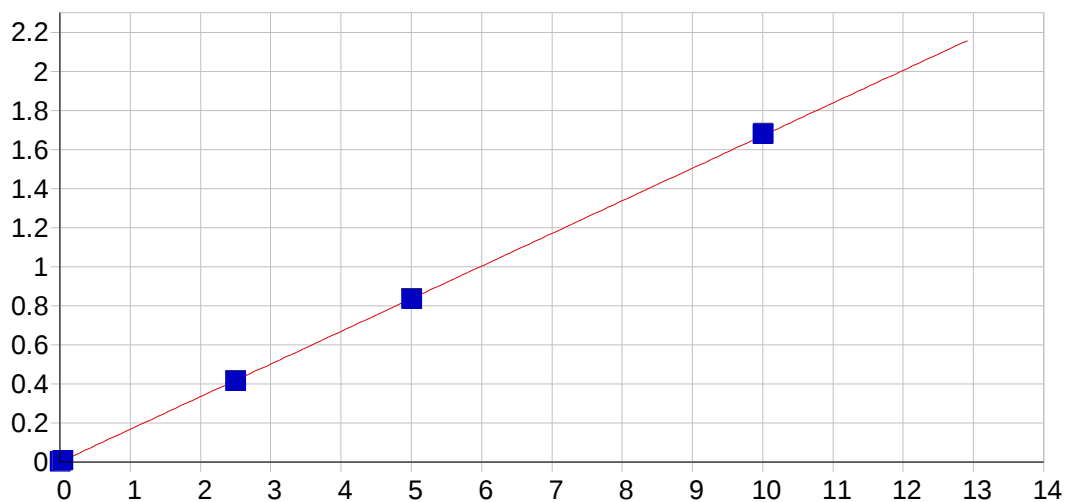
Si 288.158 {117}

Date of Fit: 9/20/2018 13:03:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.013465 Re-Slope: 1.000000
 A1 (Gain): 0.241574 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999661 Status: OK.
 Std Error of Est: 0.000686
 Predicted MDL: 0.003892

Predicted MQL: 0.012975

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00004	-.000	.000	.01346	.000	1
S1	.40000	.42461	.025	6.15	.11596	.002	1
S3	2.5000	2.6128	.113	4.51	.64432	.002	1
S4	5.0000	5.0732	.073	1.46	1.2384	.004	1
S5	10.000	9.7895	-.211	-2.11	2.3771	.021	1

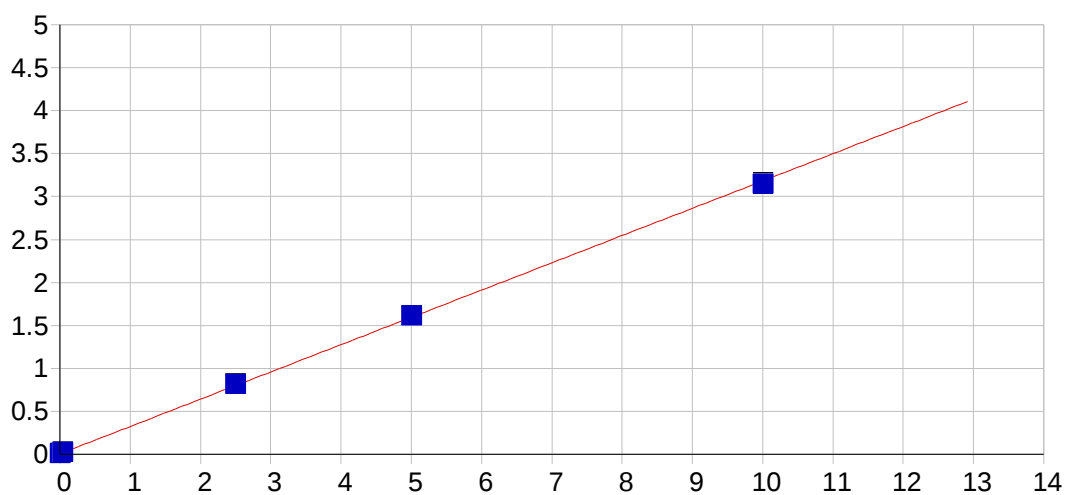


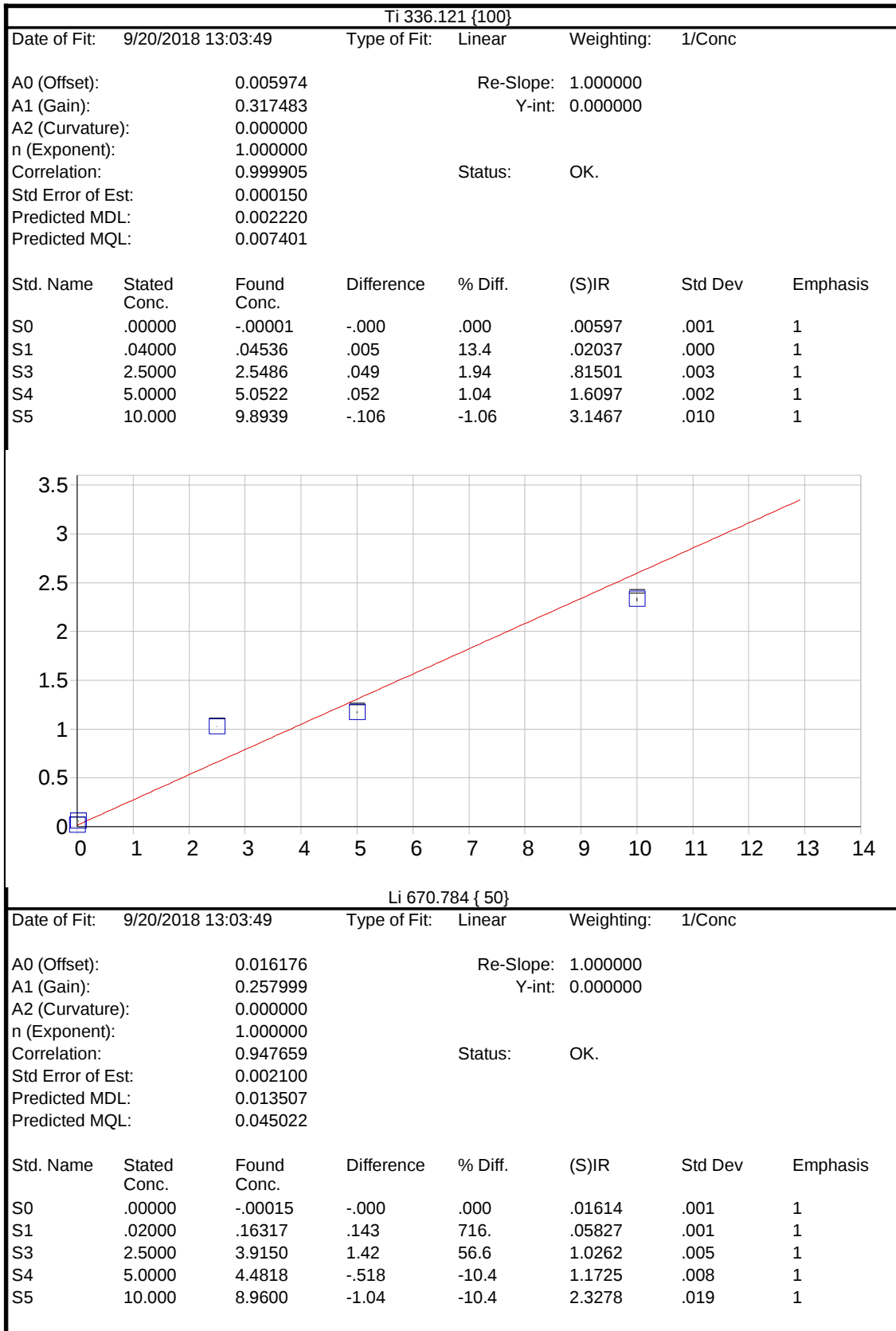
Sn 189.989 {477}

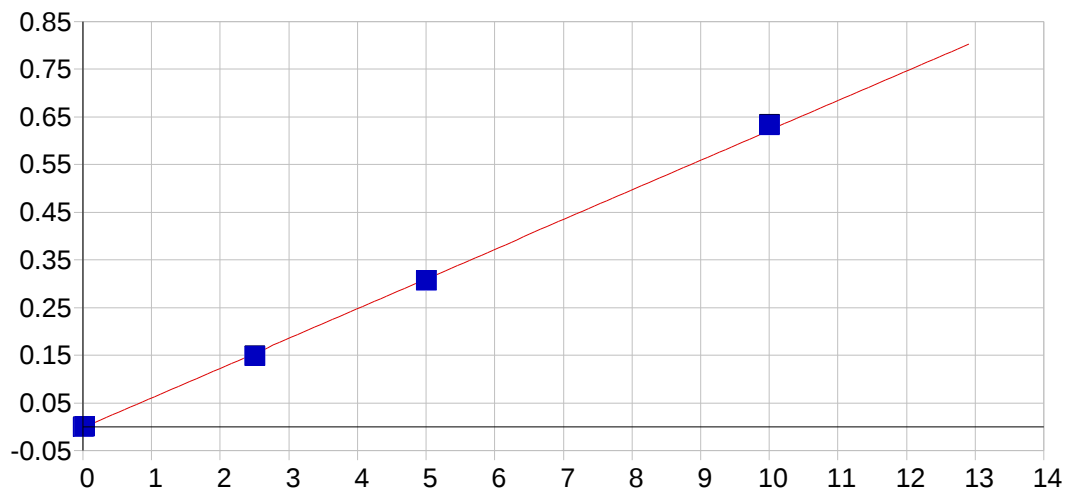
Date of Fit: 9/20/2018 13:03:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000528 Re-Slope: 1.000000
A1 (Gain): 0.167015 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999969 Status: OK.
Std Error of Est: 0.000045
Predicted MDL: 0.000988
Predicted MQL: 0.003292

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00053	.000	1
S1	.04000	.04476	.005	11.9	.00800	.000	1
S3	2.5000	2.4765	-.024	-.941	.41421	.001	1
S4	5.0000	4.9761	-.024	-.478	.83176	.003	1
S5	10.000	10.043	.043	.427	1.6781	.004	1





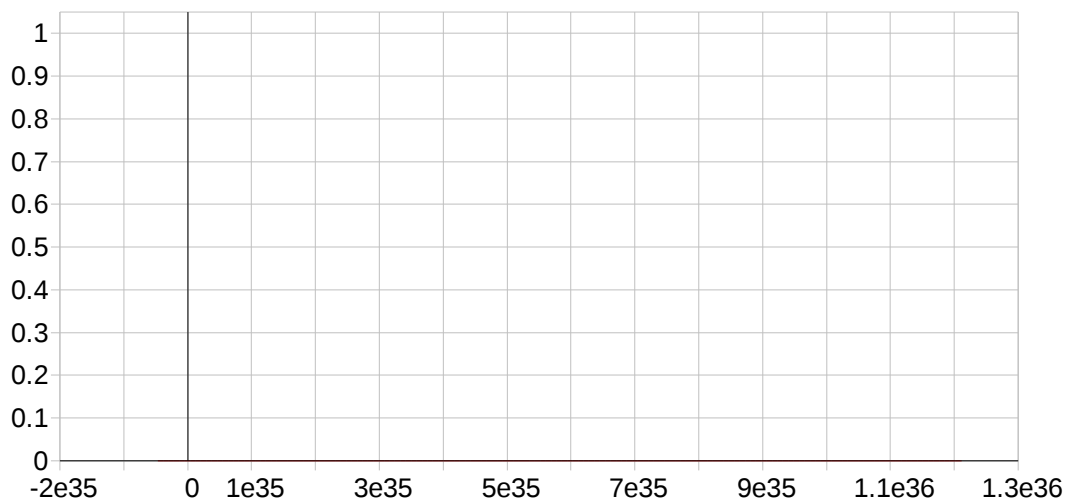


P 177.495 {490}

Date of Fit: 9/20/2018 13:03:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001968 Re-Slope: 1.000000
 A1 (Gain): 0.062366 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999752 Status: OK.
 Std Error of Est: 0.000033
 Predicted MDL: 0.002535
 Predicted MQL: 0.008452

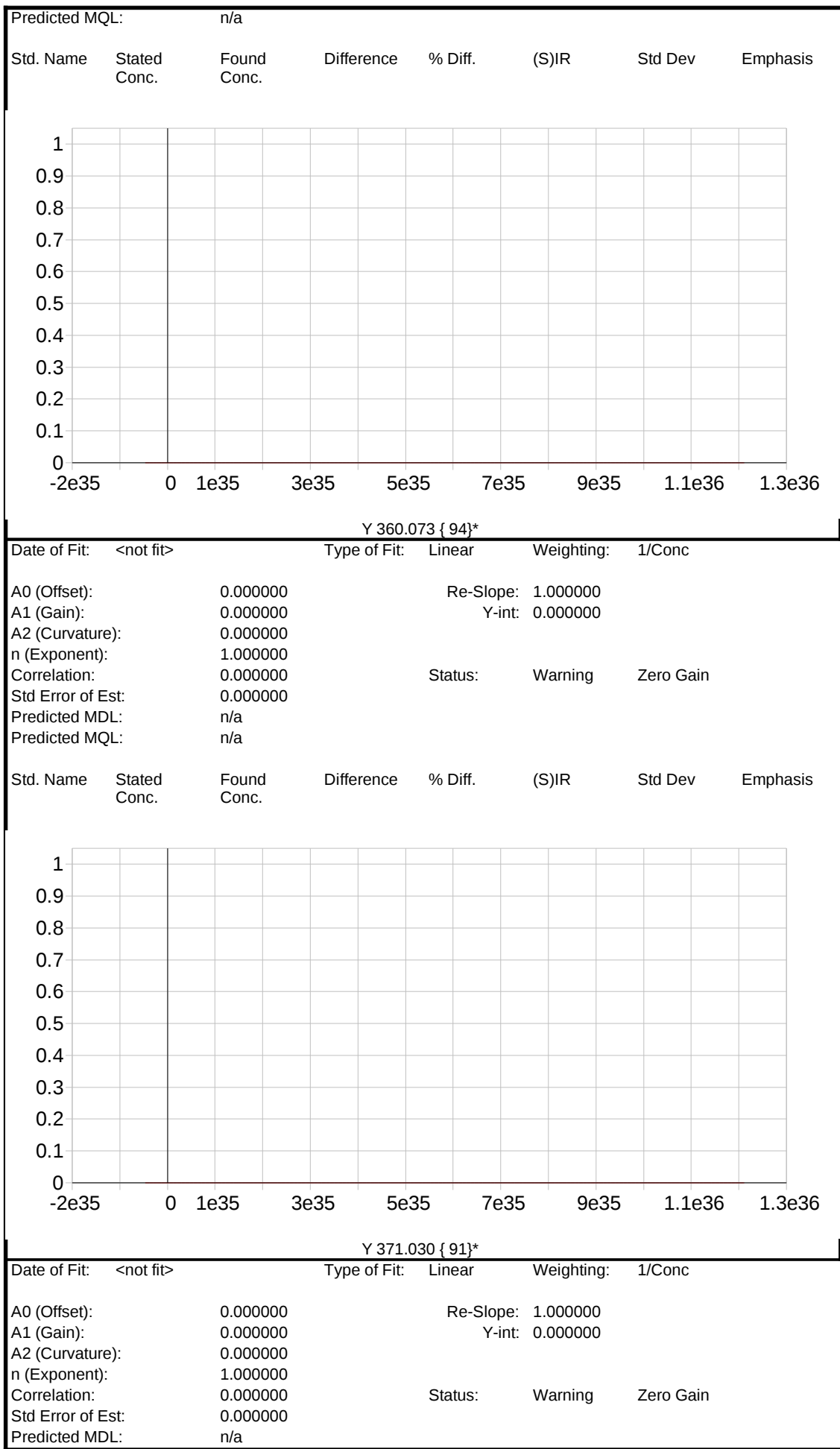
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00197	.000	1
S1	.02000	.01667	-.003	-16.6	-.00093	.000	1
S3	2.5000	2.3993	-.101	-4.03	.14744	.000	1
S4	5.0000	4.9296	-.070	-1.41	.30502	.001	1
S5	10.000	10.175	.175	1.75	.63167	.001	1

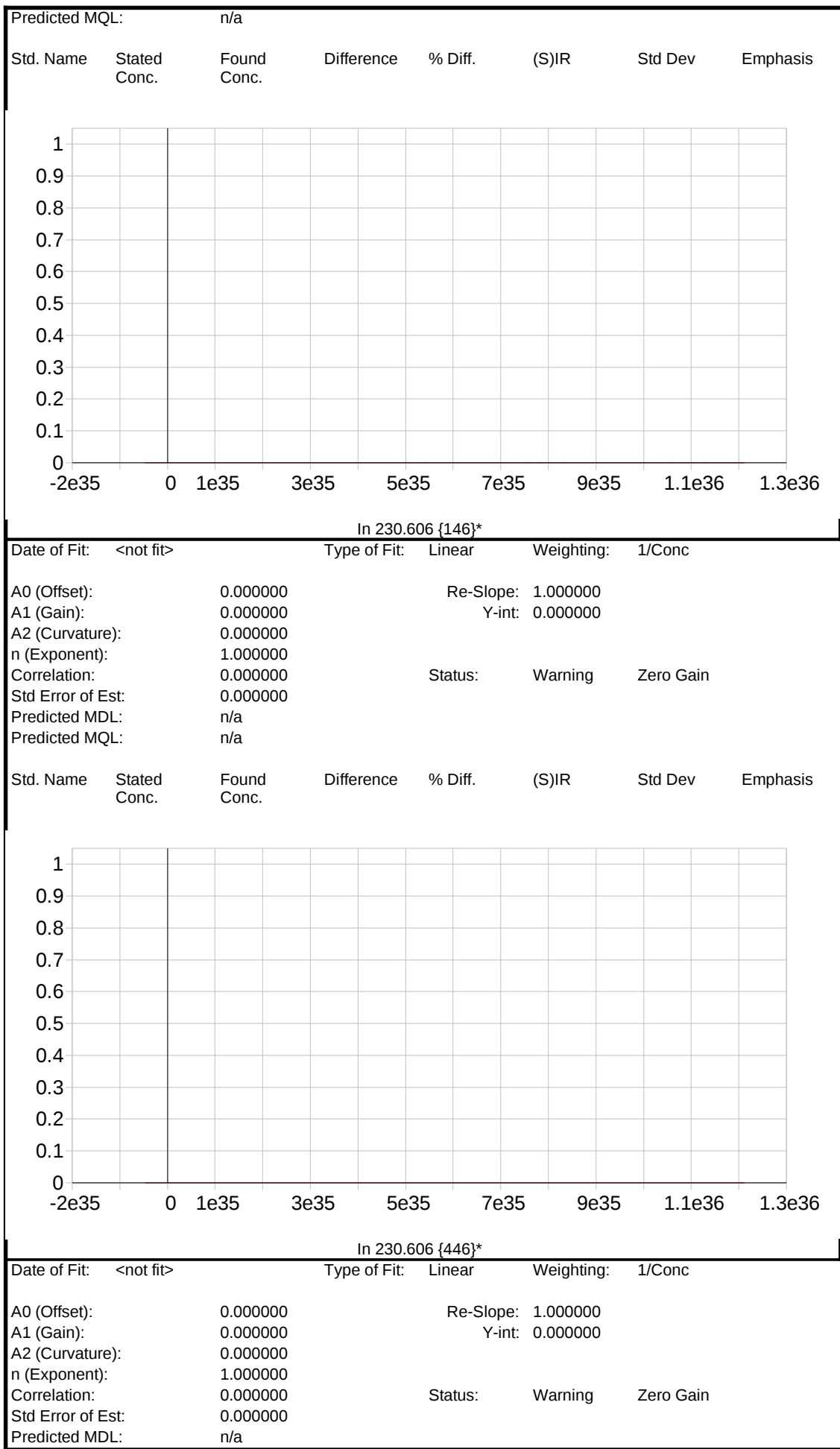


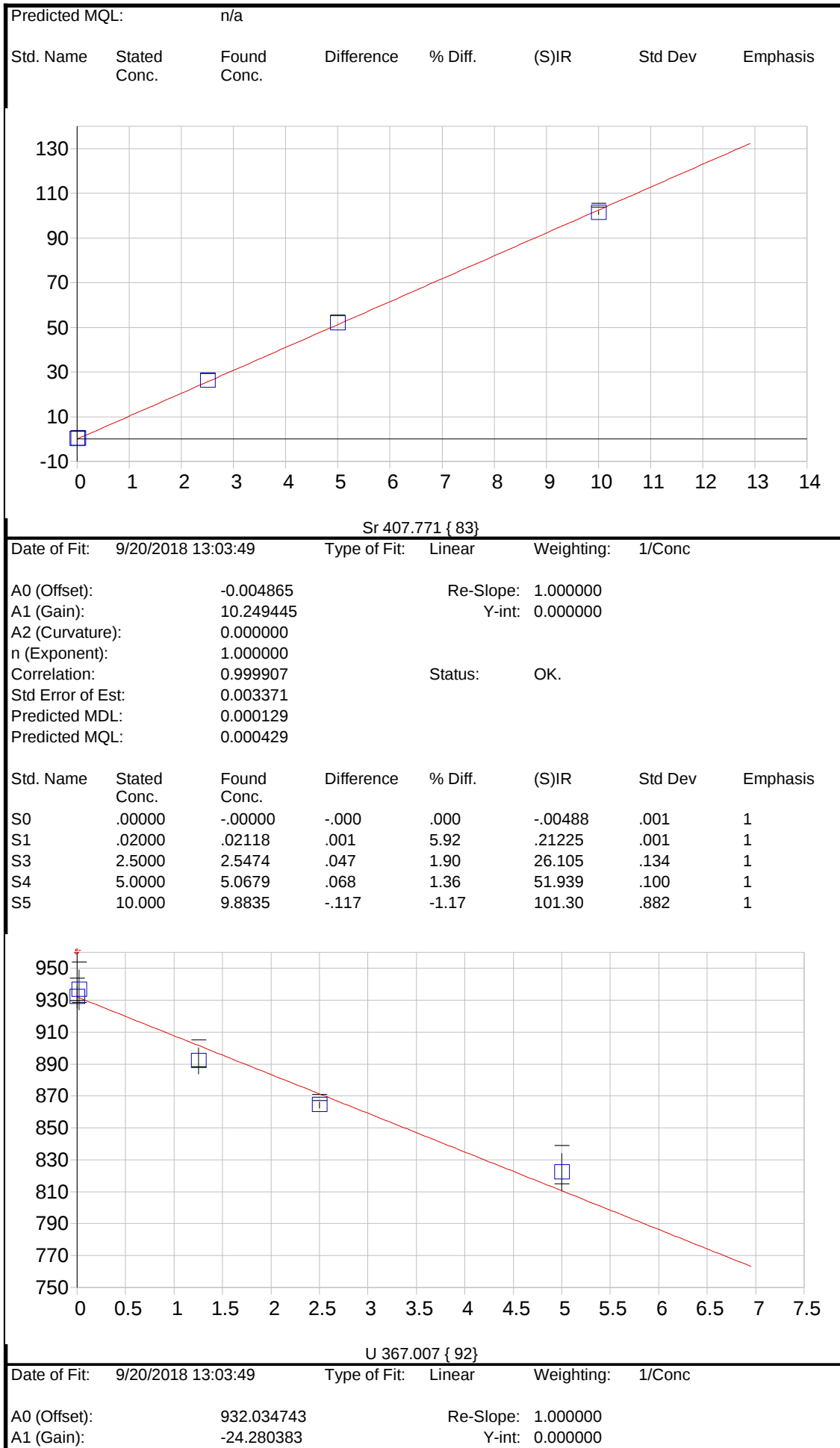
Y 224.306 {450}*

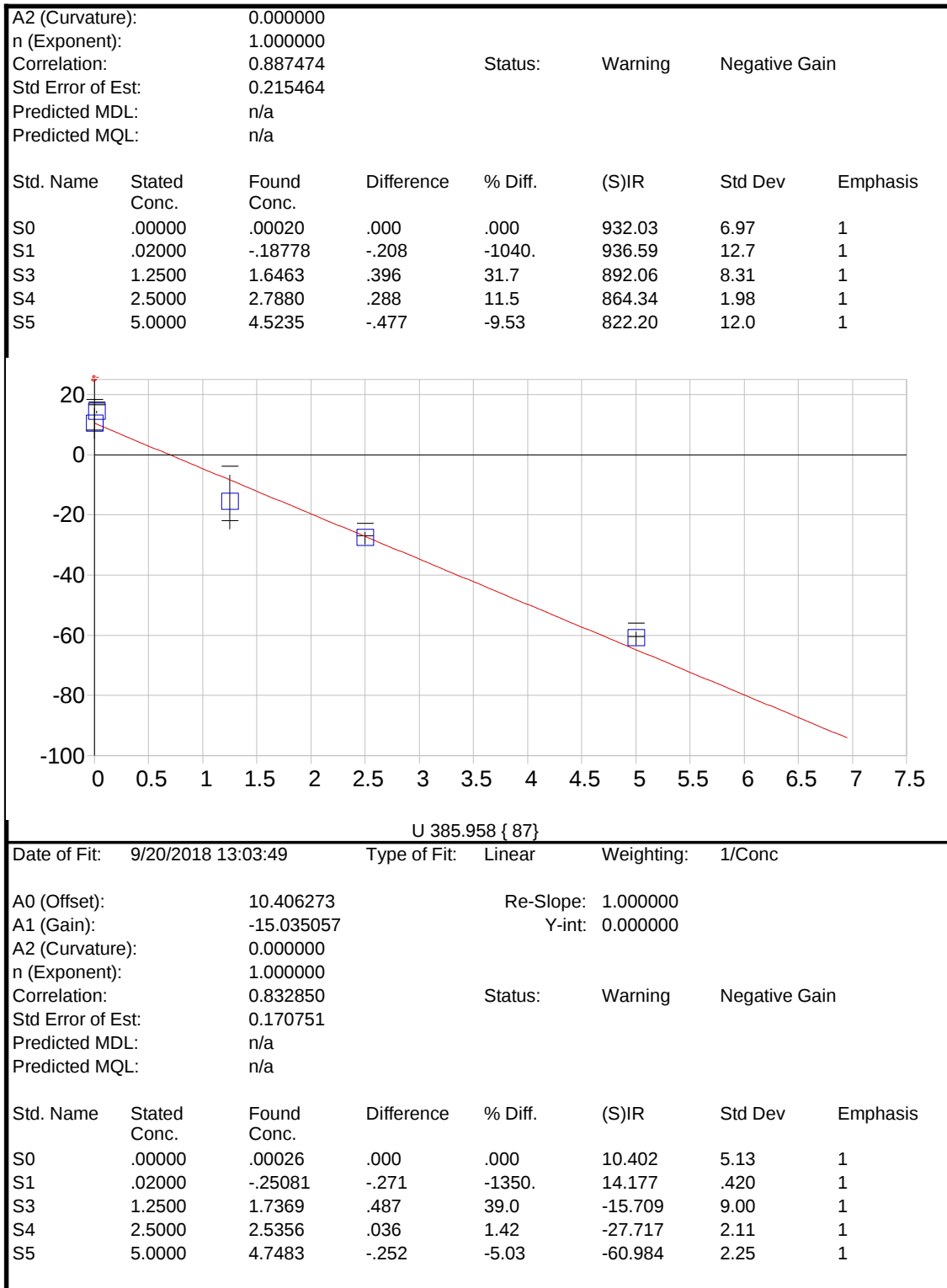
Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc

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









Sample Name: S0 Acquired: 9/20/2018 12:16:19 Type: Cal
Method: P4-ICP2(v2444) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00012	-.00028	.00338	.00043	.00133	-.00031	.02345
Stddev	.00031	.00026	.00004	.00031	.00039	.00005	.00246
%RSD	265.55	92.378	1.2860	72.943	29.697	16.698	10.478

#1	-.00010	-.00010	.00335	.00065	.00105	-.00034	.02172
#2	.00034	-.00047	.00341	.00021	.00161	-.00027	.02519

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00009	-.00101	.00021	.00010	.00102	.00169	-.00177
Stddev	.00002	.00016	.00006	.00004	.00011	.00043	.01562
%RSD	26.839	15.581	28.210	40.340	10.595	25.461	880.95

#1	-.00007	-.00113	.00017	.00012	.00094	.00138	.00927
#2	-.00011	-.00090	.00025	.00007	.00109	.00199	-.01282

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00010	-.00061	-.00417	.00044	.09056	-.00001	.05285
Stddev	.00010	.00027	.00005	.00001	.00288	.00003	.00509
%RSD	93.019	43.938	1.3135	2.2055	3.1812	186.98	9.6360

#1	.00004	-.00080	-.00421	.00045	.08853	.00000	.05645
#2	.00017	-.00042	-.00413	.00044	.09260	-.00003	.04924

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.01683	.00048	-.00021	.00032	.01346	.00053	.00597
Stddev	.00116	.00032	.00028	.00001	.00028	.00002	.00084
%RSD	6.8991	65.513	134.84	3.7284	2.0772	4.6362	14.094

#1	.01601	.00071	-.00001	.00033	.01365	.00051	.00657
#2	.01765	.00026	-.00041	.00031	.01326	.00054	.00538

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.01614	-.0020	-.00488	932.03	10.402
Stddev	.00087	.0000	.00062	6.97	5.131
%RSD	5.3971	1.005	12.652	.74815	49.324

#1	.01552	-.0020	-.00532	936.96	14.030
#2	.01675	-.0020	-.00444	927.10	6.7743

Sample Name: S0 Acquired: 9/20/2018 12:16:19 Type: Cal
Method: P4-ICP2(v2444) 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	1826.2	42821.	3743.7	98.716	2998.6
Stddev	1.5	86.	26.0	3.147	3.8
%RSD	.08018	.20184	.69456	3.1881	.12644
#1	1825.2	42760.	3725.3	96.491	2995.9
#2	1827.3	42882.	3762.1	100.94	3001.3

Sample Name: S1 Acquired: 9/20/2018 12:20:22 Type: Cal
Method: P4-ICP2(v2444) 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	.00140	.00558	.00618	.00156	.01289	.00046	.65683	.00510
Stddev	.00029	.00012	.00005	.00027	.00008	.00004	.00053	.00001
%RSD	20.919	2.0602	.74052	17.370	.63536	8.2891	.08000	.17141

#1	.00160	.00550	.00621	.00137	.01284	.00048	.65720	.00509
#2	.00119	.00567	.00615	.00175	.01295	.00043	.65646	.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	.01563	.00145	.03934	.02005	.12473	.02394	.01925	.00282
Stddev	.00009	.00006	.00003	.00021	.00244	.00008	.00018	.00013
%RSD	.58900	3.9050	.08340	1.0615	1.9564	.31669	.93729	4.7545

#1	.01557	.00149	.03932	.02020	.12645	.02388	.01912	.00272
#2	.01570	.00141	.03937	.01990	.12300	.02399	.01937	.00291

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	.00679	3.2283	.20292	.00458	.00099	.11596	.00800	.02037
Stddev	.00007	.0065	.00022	.00029	.00015	.00169	.00010	.00029
%RSD	1.0788	.20029	.10837	6.4057	15.296	1.4532	1.2409	1.4106

#1	.00684	3.2237	.20308	.00479	.00110	.11477	.00807	.02016
#2	.00674	3.2328	.20277	.00438	.00089	.11715	.00793	.02057

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.05827	-.0009	.21225	936.59	14.177
Stddev	.00109	.0000	.00102	12.74	.420
%RSD	1.8737	4.635	.47991	1.3604	2.9595

#1	.05750	-.0010	.21297	927.58	13.881
#2	.05905	-.0009	.21153	945.60	14.474

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1835.3	42971.	3718.7	98.082	2976.6
Stddev	10.5	32.	2.3	.031	21.7
%RSD	.57054	.07439	.06119	.03168	.72887

#1	1827.8	42949.	3720.3	98.104	2961.2
#2	1842.7	42994.	3717.1	98.060	2991.9

Sample Name: S2 Acquired: 9/20/2018 12:24:25 Type: Cal
Method: P4-ICP2(v2444) 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	.08480	.02152	.59077	.20041
Stddev	.00008	.00087	.00257	.00156
%RSD	.10016	4.0462	.43560	.77675

#1	.08474	.02214	.59259	.20151
#2	.08486	.02090	.58895	.19931

Int. Std.	Y_3710
Units	Cts/S
Avg	3730.4
Stddev	6.3
%RSD	.16990

#1	3734.9
#2	3725.9

Sample Name: S3 Acquired: 9/20/2018 12:28:23 Type: Cal
Method: P4-ICP2(v2444) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.17491	.31905	.60047	.18149	.54543	.03540	29.069
Stddev	.00053	.00039	.00027	.00009	.00085	.00030	.149
%RSD	.30139	.12083	.04492	.05112	.15640	.85866	.51121

#1	.17454	.31932	.60067	.18156	.54482	.03519	29.174
#2	.17528	.31877	.60028	.18143	.54603	.03562	28.964

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.10284	3.2231	.50416	.06629	1.4226	.54028	3.0771
Stddev	.00002	.0033	.00196	.00027	.0036	.00174	.0658
%RSD	.01872	.10245	.38876	.40916	.25476	.32225	2.1373

#1	.10285	3.2255	.50278	.06648	1.4252	.53905	3.1236
#2	.10283	3.2208	.50555	.06610	1.4200	.54151	3.0306

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.3392	.13317	.64518	.14160	3.2012	.18859	90.578
Stddev	.0005	.00148	.00147	.00017	.0193	.00034	1.921
%RSD	.03749	1.1115	.22855	.12230	.60170	.17952	2.1207

#1	1.3388	.13212	.64414	.14172	3.2148	.18883	91.936
#2	1.3396	.13421	.64622	.14148	3.1875	.18835	89.220

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.1431	2.4029	.11010	.09092	.64432	.41421	.81501
Stddev	.0056	.0030	.00019	.00029	.00225	.00064	.00306
%RSD	.48994	.12646	.17067	.31548	.34887	.15408	.37576

#1	1.1391	2.4008	.11023	.09112	.64591	.41376	.81284
#2	1.1471	2.4051	.10996	.09071	.64273	.41466	.81718

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.0262	.1474	26.105	892.06	-15.709
Stddev	.0045	.0004	.134	8.31	9.003
%RSD	.43970	.2908	.51446	.93140	57.313

#1	1.0231	.1477	26.199	897.94	-9.3425
#2	1.0294	.1471	26.010	886.19	-22.075

Sample Name: S3 Acquired: 9/20/2018 12:28:23 Type: Cal
Method: P4-ICP2(v2444) 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	1809.4	41859.	3709.5	94.500	2822.8
Stddev	3.5	7.	.8	1.866	.6
%RSD	.19275	.01557	.02222	1.9750	.02008
#1	1811.9	41855.	3708.9	93.180	2822.4
#2	1807.0	41864.	3710.1	95.820	2823.2

Sample Name: S4 Acquired: 9/20/2018 12:32:11 Type: Cal
 Method: P4-ICP2(v2444) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.34429	.62756	1.1905	.35930	1.0755	.07052	57.985
Stddev	.00001	.00331	.0021	.00044	.0011	.00048	.031
%RSD	.00338	.52769	.17348	.12331	.09872	.68195	.05358

#1	.34429	.62990	1.1890	.35898	1.0762	.07018	58.007
#2	.34430	.62521	1.1920	.35961	1.0747	.07086	57.963

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.20238	6.4320	.99234	.12887	2.8496	1.0529	6.0510
Stddev	.00077	.0028	.00144	.00006	.0010	.0020	.1119
%RSD	.38106	.04383	.14533	.04817	.03391	.19390	1.8497

#1	.20183	6.4300	.99132	.12883	2.8490	1.0544	6.1301
#2	.20292	6.4340	.99336	.12892	2.8503	1.0515	5.9718

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.6118	.26259	1.2948	.27674	6.3172	.37164	174.74
Stddev	.0043	.00069	.0005	.00026	.0158	.00091	5.02
%RSD	.16673	.26182	.03740	.09344	.25045	.24390	2.8708

#1	2.6088	.26210	1.2945	.27655	6.3060	.37100	178.28
#2	2.6149	.26307	1.2952	.27692	6.3284	.37228	171.19

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.2658	4.7117	.21542	.18624	1.2384	.83176	1.6097
Stddev	.0065	.0041	.00039	.00097	.0036	.00282	.0019
%RSD	.28771	.08658	.17977	.51974	.29081	.33864	.11665

#1	2.2704	4.7146	.21515	.18692	1.2409	.83375	1.6111
#2	2.2612	4.7088	.21570	.18555	1.2358	.82977	1.6084

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.1725	.3050	51.939	864.34	-27.717
Stddev	.0076	.0005	.100	1.98	2.115
%RSD	.64602	.1737	.19294	.22929	7.6306

#1	1.1778	.3054	51.868	865.74	-29.212
#2	1.1671	.3046	52.009	862.94	-26.221

Sample Name: S4 Acquired: 9/20/2018 12:32:11 Type: Cal
Method: P4-ICP2(v2444) 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	1791.3	41404.	3694.7	93.197	2711.0
Stddev	4.5	125.	13.3	2.770	5.7
%RSD	.25184	.30197	.35989	2.9722	.20900
#1	1788.1	41492.	3685.3	91.239	2707.0
#2	1794.4	41315.	3704.1	95.156	2715.0

Sample Name: S5 Acquired: 9/20/2018 12:35:57 Type: Cal
Method: P4-ICP2(v2444) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.68377	1.2446	2.3865	.71113	2.1247	.14191	113.37
Stddev	.00314	.0035	.0095	.00112	.0006	.00048	.44
%RSD	.45887	.27944	.39592	.15689	.02837	.33669	.38673

#1	.68599	1.2471	2.3932	.71191	2.1252	.14225	113.06
#2	.68155	1.2421	2.3798	.71034	2.1243	.14158	113.68

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.39561	13.009	1.9458	.24877	5.7509	2.0439	11.911
Stddev	.00035	.040	.0182	.00063	.0159	.0079	.162
%RSD	.08814	.30763	.93568	.25480	.27627	.38858	1.3639

#1	.39585	13.037	1.9329	.24832	5.7622	2.0495	11.796
#2	.39536	12.981	1.9587	.24922	5.7397	2.0383	12.026

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5.0541	.51933	2.6107	.54656	12.562	.72939	340.83
Stddev	.0134	.00514	.0052	.00081	.062	.00230	6.54
%RSD	.26540	.98904	.20075	.14798	.49269	.31542	1.9181

#1	5.0446	.51570	2.6144	.54598	12.519	.72777	336.21
#2	5.0636	.52296	2.6070	.54713	12.606	.73102	345.46

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.4979	9.2073	.42543	.38841	2.3771	1.6781	3.1467
Stddev	.0174	.0263	.00278	.00109	.0206	.0035	.0102
%RSD	.38768	.28545	.65346	.28002	.86617	.20890	.32402

#1	4.4856	9.2259	.42347	.38918	2.3625	1.6806	3.1395
#2	4.5102	9.1888	.42740	.38764	2.3916	1.6756	3.1539

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.3278	.6317	101.30	822.20	-60.984
Stddev	.0185	.0015	.88	12.02	2.250
%RSD	.79494	.2323	.87051	1.4613	3.6894

#1	2.3148	.6327	100.67	830.70	-59.393
#2	2.3409	.6306	101.92	813.71	-62.575

Sample Name: S5 Acquired: 9/20/2018 12:35:57 Type: Cal
Method: P4-ICP2(v2444) 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	1762.8	40929.	3670.0	91.897	2565.8
Stddev	7.2	127.	35.3	1.700	8.7
%RSD	.40597	.31115	.96248	1.8500	.33821
#1	1757.8	41019.	3695.0	93.099	2559.7
#2	1767.9	40839.	3645.1	90.695	2571.9

Sample Name: ICV01 Acquired: 9/20/2018 13:06:54 Type: Unk

Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000

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

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1.0575	1.0770	1.0309	1.0587	.99922	2.5276	.51866
Stddev	.0003	.0005	.0009	.0028	.00001	.0200	.00067
%RSD	.02499	.04553	.08753	.26233	.00115	.78996	.12837

#1	1.0574	1.0774	1.0315	1.0607	.99921	2.5135	.51819
#2	1.0577	1.0767	1.0302	1.0568	.99923	2.5418	.51913

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48546	.50609	10.285	F .51514	.48890	.50253	5.0264
Stddev	.00022	.00241	.018	.00010	.00109	.00014	.1301
%RSD	.04541	.47611	.17309	.01957	.22294	.02703	2.5882

#1	.48562	.50780	10.272	.51522	.48813	.50263	5.1184
#2	.48531	.50439	10.297	.51507	.48967	.50244	4.9344

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51811	5.9929	.49844	.49496	10.040	.50665	1.0198
Stddev	.00018	.1429	.00019	.00140	.022	.00148	.0292
%RSD	.03419	2.3837	.03872	.28343	.22339	.29200	2.8604

#1	.51799	5.8919	.49857	.49595	10.056	.50770	1.0404
#2	.51824	6.0939	.49830	.49397	10.024	.50561	.99917

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.133	2.5314	2.5615	F -.00101	F 2.3712	2.4247	2.5729
Stddev	.020	.0091	.0003	.00065	.0114	.0021	.0026
%RSD	.19391	.35923	.01252	64.686	.48172	.08510	.10028

#1	10.119	2.5378	2.5613	-.00147	2.3793	2.4232	2.5748
#2	10.147	2.5250	2.5617	-.00055	2.3631	2.4262	2.5711

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	F -.00681	F -.0009	F .01171	F 2.7968	F 2.0782		
Stddev	.01984	.0037	.00016	.0216	.1220		
%RSD	291.46	399.0	1.3655	.77415	5.8716		

#1	.00722	.0017	.01182	2.8122	1.9919		
#2	-.02084	-.0035	.01160	2.7815	2.1645		

Sample Name: ICV01 Acquired: 9/20/2018 13:06:54 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1808.8	41766.	3654.6	94.763	2872.5
Stddev	10.3	111.	19.9	2.893	19.3
%RSD	.57051	.26639	.54457	3.0528	.67072
#1	1801.5	41845.	3640.5	92.717	2858.9
#2	1816.1	41687.	3668.7	96.809	2886.2

Sample Name: LLICV01 Acquired: 9/20/2018 13:10:44 Type: Unk
Method: P4-ICP2(v2444) 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	.02221	.04642	.01271	.02031	.05561	.10131	.11272
Stddev	.00061	.00079	.00074	.00253	.00020	.00270	.00049
%RSD	2.7679	1.7023	5.8354	12.440	.36246	2.6630	.43488

#1	.02264	.04586	.01323	.02209	.05547	.09941	.11237
#2	.02177	.04697	.01218	.01852	.05576	.10322	.11306

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00649	.00622	2.1837	.01025	.03340	.02076	.09803
Stddev	.00011	.00000	.0062	.00000	.00021	.00041	.00123
%RSD	1.7022	.05675	.28271	.04408	.63651	1.9669	1.2506

#1	.00657	.00622	2.1793	.01025	.03325	.02047	.09716
#2	.00641	.00622	2.1880	.01024	.03355	.02105	.09890

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02314	2.2277	.04427	.01067	2.0589	.04566	.04629
Stddev	.00027	.0696	.00037	.00002	.0100	.00057	.00147
%RSD	1.1531	3.1239	.84540	.15935	.48565	1.2580	3.1779

#1	.02296	2.1785	.04453	.01068	2.0659	.04525	.04733
#2	.02333	2.2769	.04400	.01066	2.0518	.04606	.04525

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0925	.21578	.11549	F .01573	.41253	.04348	.04575
Stddev	.0333	.00066	.00548	.00904	.00620	.00046	.00028
%RSD	1.5898	.30702	4.7471	57.453	1.5027	1.0668	.61493

#1	2.1161	.21625	.11161	.00934	.40814	.04315	.04555
#2	2.0690	.21532	.11937	.02212	.41691	.04381	.04595

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .17910	.0171	.02093	F 2.4596	F 1.0184
Stddev	.00100	.0012	.00009	.2250	.6395
%RSD	.55725	7.062	.42859	9.1462	62.797

#1	.17981	.0163	.02087	2.6187	.56622
#2	.17840	.0180	.02100	2.3006	1.4707

Sample Name: LLICV01 Acquired: 9/20/2018 13:10:44 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1831.4	42328.	3653.3	95.809	2982.2
Stddev	4.5	152.	19.4	3.052	4.3
%RSD	.24763	.35966	.52981	3.1853	.14450
#1	1828.2	42221.	3639.6	93.651	2979.2
#2	1834.6	42436.	3667.0	97.967	2985.2

Sample Name: ICB01 Acquired: 9/20/2018 13:14:48 Type: Unk

Method: P4-ICP2(v2444) 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	-.00162	-.00007	-.00070	-.00523	-.00232	-.00451	.00125
Stddev	.00204	.00002	.00008	.00230	.00228	.00696	.00000
%RSD	126.29	25.591	11.044	43.943	98.239	154.36	.18203

#1	-.00306	-.00006	-.00075	-.00360	-.00071	-.00943	.00125
#2	-.00017	-.00008	-.00064	-.00686	-.00393	.00041	.00125

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.00004	-.00588	-.00006	-.00018	-.00018	-.00850
Stddev	.00001	.00005	.03373	.00053	.00020	.00012	.00764
%RSD	23.519	141.07	573.18	813.90	112.95	65.990	89.791

#1	.00004	-.00007	.01797	.00031	-.00004	-.00026	-.00310
#2	.00006	-.00000	-.02974	-.00044	-.00032	-.00010	-.01390

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.00843	.00030	.00008	-.12784	-.00083	.00007
Stddev	.00008	.04735	.00045	.00007	.00416	.00018	.00008
%RSD	491.75	561.35	151.12	82.237	3.2552	22.178	110.48

#1	-.00007	.04192	-.00002	.00013	-.13079	-.00096	.00002
#2	.00004	-.02505	.00062	.00003	-.12490	-.00070	.00012

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.03365	-.00044	.00692	-.00347	-.00368	-.00047	-.00171
Stddev	.04189	.00050	.00015	.00158	.00112	.00007	.00291
%RSD	124.50	114.28	2.1108	45.387	30.338	15.234	170.75

#1	-.00403	-.00080	.00702	-.00236	-.00447	-.00042	.00035
#2	-.06327	-.00008	.00681	-.00458	-.00289	-.00052	-.00377

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.01092	-.0030	-.00003	F 1.9802	F 1.0277
Stddev	.00144	.0043	.00016	.4350	1.0324
%RSD	13.209	145.0	543.64	21.967	100.45

#1	-.01194	.0001	-.00014	2.2878	.29773
#2	-.00990	-.0061	.00008	1.6726	1.7577

Sample Name: ICB01 Acquired: 9/20/2018 13:14:48 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1833.8	42474.	3657.6	94.622	3011.6
Stddev	.4	110.	22.5	.031	3.3
%RSD	.02339	.25874	.61513	.03227	.11045
#1	1833.4	42396.	3641.7	94.600	3009.2
#2	1834.1	42551.	3673.5	94.643	3013.9

Sample Name: CRI01 Acquired: 9/20/2018 13:18:52 Type: Unk
Method: P4-ICP2(v2444) 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	.01932	.04725	.01317	.02005	.05532	.11896	.11165
Stddev	.00090	.00177	.00059	.00020	.00157	.01688	.00042
%RSD	4.6677	3.7476	4.4673	1.0003	2.8413	14.188	.37346

#1	.01996	.04600	.01359	.01991	.05643	.13090	.11194
#2	.01868	.04851	.01275	.02019	.05421	.10703	.11135

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00642	.00617	2.1554	.01062	.03330	.02130	.10893
Stddev	.00000	.00001	.0076	.00098	.00017	.00005	.00130
%RSD	.07327	.21619	.35013	9.2257	.52264	.25143	1.1966

#1	.00642	.00616	2.1501	.00993	.03342	.02127	.10801
#2	.00642	.00618	2.1608	.01131	.03317	.02134	.10985

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02327	2.2540	.04344	.01079	2.0407	.04563	.04679
Stddev	.00003	.0329	.00034	.00012	.0102	.00001	.00002
%RSD	.13354	1.4601	.77854	1.1169	.50130	.02048	.03429

#1	.02325	2.2307	.04320	.01071	2.0334	.04564	.04680
#2	.02329	2.2773	.04368	.01088	2.0479	.04563	.04678

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0688	.21774	.11392	F .01350	.43628	.04379	.04407
Stddev	.0247	.00099	.00008	.00224	.00088	.00011	.00068
%RSD	1.1947	.45366	.07347	16.588	.20262	.25593	1.5464

#1	2.0513	.21705	.11398	.01192	.43566	.04371	.04359
#2	2.0863	.21844	.11386	.01508	.43691	.04387	.04455

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .17447	.0182	.02108	F 1.9930	F 1.1726
Stddev	.01128	.0003	.00011	.0031	.2251
%RSD	6.4648	1.526	.52991	.15674	19.194

#1	.16649	.0180	.02116	1.9952	1.3318
#2	.18244	.0184	.02100	1.9908	1.0135

Sample Name: CRI01 Acquired: 9/20/2018 13:18:52 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1827.0	42253.	3678.1	97.587	2986.4
Stddev	14.2	127.	16.0	.461	20.5
%RSD	.77895	.30067	.43562	.47208	.68803
#1	1816.9	42163.	3666.8	97.261	2971.9
#2	1837.1	42343.	3689.4	97.913	3000.9

Sample Name: IC5A01 Acquired: 9/20/2018 13:22:56 Type: Unk
 Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: IC5A01 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00777	-.01126	-.00658	-.01823	.00490	283.54	.00622
Stddev	.00175	.00330	.00061	.00767	.00016	.72	.00014
%RSD	22.551	29.341	9.2345	42.064	3.2491	.25244	2.2154

#1	.00901	-.00892	-.00701	-.01280	.00479	283.04	.00631
#2	.00653	-.01360	-.00615	-.02365	.00501	284.05	.00612

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00094	.00270	251.89	.05588	.00038	.00853	102.05
Stddev	.00011	.00031	1.12	.00016	.00004	.00028	.78
%RSD	12.059	11.338	.44551	.29292	10.505	3.3136	.76742

#1	.00086	.00292	251.09	.05577	.00035	.00873	101.49
#2	.00102	.00248	252.68	.05600	.00040	.00833	102.60

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01162	272.14	-.00342	.00180	-.06263	.00091	.00133
Stddev	.00006	2.27	.00005	.00047	.00178	.00113	.00007
%RSD	.54101	.83264	1.5988	26.200	2.8455	123.90	5.0921

#1	.01157	270.54	-.00346	.00147	-.06389	.00011	.00137
#2	.01166	273.75	-.00338	.00214	-.06137	.00171	.00128

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.04968	-.00097	.05178	.01390	-.01257	.01255	-.00299
Stddev	.02204	.00036	.00868	.00486	.00222	.00032	.00001
%RSD	44.351	37.347	16.761	35.001	17.695	2.5699	.36441

#1	-.06527	-.00071	.04565	.01046	-.01414	.01232	-.00300
#2	-.03410	-.00123	.05792	.01734	-.01099	.01278	-.00298

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .04683	.0124	F .10377	F 5.7079	F 11.760
Stddev	.01463	.0017	.00005	.3281	.974
%RSD	31.246	13.35	.04378	5.7487	8.2836

#1	.03649	.0112	.10374	5.4759	12.449
#2	.05718	.0136	.10381	5.9399	11.071

Sample Name: ICSA01 Acquired: 9/20/2018 13:22:56 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1658.0	37381.	3529.5	87.554	2330.1
Stddev	2.5	12.	1.8	.377	7.0
%RSD	.15029	.03199	.05059	.43023	.29827
#1	1656.2	37390.	3530.8	87.820	2325.2
#2	1659.8	37373.	3528.3	87.287	2335.1

Sample Name: ICSAB01 Acquired: 9/20/2018 13:27:03 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11188	.10034	.04446	.03795	.60872	272.79	.51809
Stddev	.00280	.00148	.00073	.00648	.00107	.93	.00045
%RSD	2.5009	1.4717	1.6443	17.083	.17537	.34248	.08762

#1	.10990	.10138	.04498	.03336	.60947	273.45	.51777
#2	.11386	.09930	.04394	.04253	.60796	272.13	.51841

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.54094	1.0588	239.09	.56693	.50555	.47499	97.678
Stddev	.00052	.0011	1.51	.00008	.00059	.00097	1.463
%RSD	.09680	.10572	.62985	.01405	.11579	.20326	1.4982

#1	.54057	1.0596	238.02	.56688	.50597	.47567	96.643
#2	.54131	1.0580	240.15	.56699	.50514	.47431	98.712

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.52428	257.12	1.0025	.19488	-.10911	.50879	1.0081
Stddev	.00017	1.53	.0007	.00031	.01260	.00208	.0176
%RSD	.03224	.59359	.06888	.15831	11.548	.40978	1.7419

#1	.52416	256.04	1.0030	.19510	-.11802	.50732	.99572
#2	.52440	258.20	1.0021	.19467	-.10020	.51027	1.0206

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.07840	.00046	.04123	.00921	-.00857	.01269	-.00105
Stddev	.01900	.00023	.00086	.00049	.00054	.00023	.00043
%RSD	24.240	49.828	2.0935	5.2691	6.2806	1.7864	40.532

#1	-.06496	.00062	.04184	.00955	-.00895	.01285	-.00135
#2	-.09184	.00030	.04062	.00887	-.00819	.01253	-.00075

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .04319	F .0114	.09880	F 5.5936	F 12.072
Stddev	.01463	.0013	.00049	.0150	.118
%RSD	33.865	11.41	.49556	.26769	.97599

#1	.05353	.0123	.09914	5.5830	11.989
#2	.03285	.0104	.09845	5.6042	12.156

Sample Name: ICSAB01 Acquired: 9/20/2018 13:27:03 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1699.0	38252.	3636.2	89.225	2398.6
Stddev	9.1	113.	20.0	1.259	9.3
%RSD	.53681	.29580	.54900	1.4115	.38717
#1	1692.6	38172.	3650.3	90.115	2392.1
#2	1705.5	38332.	3622.1	88.334	2405.2

Sample Name: CCV01 Acquired: 9/20/2018 13:31:02 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9838	4.9567	4.9161	4.9989	5.0245	10.174	10.159
Stddev	.0232	.0132	.0031	.0012	.0142	.042	.054
%RSD	.46534	.26700	.06290	.02444	.28266	.40996	.53630

#1	5.0002	4.9661	4.9183	4.9997	5.0345	10.204	10.121
#2	4.9674	4.9473	4.9139	4.9980	5.0144	10.145	10.198

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25057	2.4534	25.129	.99329	2.4578	1.2454	4.8660
Stddev	.00039	.0041	.045	.00045	.0039	.0041	.0041
%RSD	.15507	.16893	.18084	.04543	.15769	.32828	.08467

#1	.25030	2.4563	25.097	.99297	2.4606	1.2483	4.8689
#2	.25085	2.4505	25.161	.99360	2.4551	1.2425	4.8630

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5268	24.798	2.4665	1.2439	24.852	2.5084	2.4296
Stddev	.0011	.164	.0044	.0051	.135	.0010	.0135
%RSD	.04298	.66122	.17719	.41295	.54151	.03792	.55429

#1	2.5260	24.682	2.4696	1.2403	24.757	2.5091	2.4201
#2	2.5276	24.914	2.4634	1.2476	24.947	2.5078	2.4391

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.089	5.0348	5.0346	4.8974	4.9077	4.9046	5.0219
Stddev	.265	.0049	.0220	.0241	.0877	.0144	.0191
%RSD	1.0572	.09725	.43680	.49294	1.7872	.29377	.38081

#1	24.901	5.0382	5.0502	4.9145	4.8457	4.9148	5.0354
#2	25.277	5.0313	5.0191	4.8804	4.9697	4.8944	5.0084

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	F 4.5576	4.962	5.0473	F 4.3155	F 2.4926		
Stddev	.0155	.019	.0287	.3985	.1359		
%RSD	.34096	.3811	.56788	9.2335	5.4531		

#1	4.5466	4.975	5.0270	4.5973	2.5887		
#2	4.5686	4.949	5.0675	4.0338	2.3964		

Sample Name: CCV01 Acquired: 9/20/2018 13:31:02 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1778.7	40872.	3672.2	95.372	2703.3
Stddev	3.3	104.	33.0	.386	6.8
%RSD	.18586	.25484	.89988	.40448	.25191
#1	1776.3	40798.	3695.5	95.645	2698.5
#2	1781.0	40945.	3648.8	95.100	2708.1

Sample Name: CCB01 Acquired: 9/20/2018 13:34:48 Type: Unk
Method: P4-ICP2(v2444) 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	.00027	.00008	-.00116	-.00299	-.00274	-.00531	.00153
Stddev	.00093	.00011	.00031	.00160	.00093	.00476	.00093
%RSD	341.63	128.92	27.159	53.653	33.945	89.543	60.693

#1	-.00038	.00001	-.00138	-.00185	-.00339	-.00868	.00088
#2	.00093	.00016	-.00094	-.00412	-.00208	-.00195	.00219

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	-.00013	.00461	-.00077	.00027	.00022	-.00429
Stddev	.00000	.00011	.00727	.00029	.00003	.00024	.00314
%RSD	1.1591	79.294	157.66	37.326	9.8473	110.29	73.284

#1	-.00006	-.00021	.00976	-.00098	.00029	.00039	-.00207
#2	-.00006	-.00006	-.00053	-.00057	.00025	.00005	-.00651

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.01621	.00037	.00013	-.16828	-.00087	.00002
Stddev	.00000	.02161	.00033	.00026	.00014	.00029	.00002
%RSD	25.175	133.35	88.798	205.97	.08327	32.669	131.48

#1	.00001	.03149	.00060	-.00006	-.16818	-.00108	.00000
#2	.00001	.00093	.00014	.00032	-.16838	-.00067	.00003

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.06180	.00014	.01274	-.00404	-.00511	.00064	.00120
Stddev	.00096	.00009	.00926	.00180	.00441	.00003	.00126
%RSD	1.5537	63.020	72.727	44.644	86.229	4.6663	105.45

#1	-.06112	.00008	.00619	-.00531	-.00200	.00061	.00030
#2	-.06248	.00020	.01929	-.00276	-.00823	.00066	.00209

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.01025	-.0019	-.00004	F 2.2756	F .78348
Stddev	.00286	.0014	.00002	.3176	.29350
%RSD	27.930	71.27	48.513	13.955	37.461

#1	-.00822	-.0010	-.00002	2.5002	.99102
#2	-.01227	-.0029	-.00005	2.0511	.57595

Sample Name: CCB01 Acquired: 9/20/2018 13:34:48 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1838.2	42293.	3645.5	95.404	3015.5
Stddev	3.4	65.	20.6	2.016	1.1
%RSD	.18663	.15349	.56391	2.1135	.03655
#1	1835.8	42247.	3631.0	96.830	3014.7
#2	1840.6	42339.	3660.1	93.978	3016.3

Sample Name: J4901-02 Acquired: 9/20/2018 13:38:53 Type: Unk
Method: P4-ICP2(v2444) 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	.00227	.00040	F .00306	-.00312	-.00457	-.04991	.02410
Stddev	.00157	.00257	.00161	.00324	.00075	.01798	.00056
%RSD	69.346	649.13	52.546	103.79	16.417	36.015	2.3395

#1	.00338	.00221	.00192	-.00541	-.00510	-.03720	.02370
#2	.00115	-.00142	.00420	-.00083	-.00404	-.06262	.02449

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.00054	F 88.839	-.00163	.00018	.00214	-.03036
Stddev	.00001	.00007	1.145	.00001	.00007	.00082	.00114
%RSD	20.887	12.254	1.2884	.49533	37.730	38.247	3.7667

#1	.00006	-.00049	89.648	-.00162	.00023	.00271	-.02956
#2	.00005	-.00058	88.030	-.00164	.00013	.00156	-.03117

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01690	F 236.96	-.00341	.00067	F 1734.5	-.00004	.00070
Stddev	.00005	1.37	.00054	.00053	20.0	.00110	.00010
%RSD	.31539	.57789	15.716	78.685	1.1505	2850.4	14.963

#1	.01694	237.93	-.00379	.00030	1748.6	-.00082	.00062
#2	.01686	235.99	-.00303	.00105	1720.3	.00074	.00077

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 78.488	.00192	F .81670	F 194.70	F .94549	F -.06810	-.00255
Stddev	.686	.00027	.00977	1.01	.01607	.00161	.00133
%RSD	.87366	13.818	1.1965	.51680	1.6994	2.3711	52.161

#1	78.973	.00173	.80979	195.41	.95686	-.06924	-.00349
#2	78.003	.00211	.82361	193.99	.93413	-.06696	-.00161

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	F .30394	F .1055	F 1.4132	F 7.5392	F 5.2765		
Stddev	.00285	.0018	.0141	.3960	.6431		
%RSD	.93648	1.705	.99681	5.2520	12.189		

#1	.30193	.1067	1.4232	7.8192	4.8217		
#2	.30596	.1042	1.4032	7.2592	5.7313		

Sample Name: J4901-02 Acquired: 9/20/2018 13:38:53 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1658.2	37588.	3758.2	95.928	2287.7
Stddev	10.0	86.	33.1	1.177	8.7
%RSD	.60466	.22752	.88099	1.2274	.38013
#1	1651.2	37528.	3734.8	96.761	2281.5
#2	1665.3	37649.	3781.6	95.095	2293.8

Sample Name: J4901-04 Acquired: 9/20/2018 13:42:36 Type: Unk
Method: P4-ICP2(v2444) 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	F .00565	.00112	F .00573	-.00228	-.00268	-.06108	.02428
Stddev	.00252	.00193	.00084	.00222	.00039	.03219	.00013
%RSD	44.694	172.92	14.678	97.158	14.432	52.703	.52013

#1	.00386	-.00025	.00632	-.00385	-.00295	-.08384	.02419
#2	.00743	.00248	.00513	-.00071	-.00241	-.03832	.02437

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00017	-.00050	F 89.739	-.00184	.00028	.00186	-.02413
Stddev	.00004	.00003	.103	.00059	.00000	.00010	.01207
%RSD	25.625	5.9296	.11512	31.918	.79287	5.2642	50.025

#1	.00014	-.00052	89.666	-.00143	.00028	.00193	-.01559
#2	.00020	-.00047	89.812	-.00226	.00028	.00179	-.03266

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01349	F 237.38	-.00332	.00021	F 1711.2	.00049	.00052
Stddev	.00004	.07	.00003	.00020	18.0	.00023	.00003
%RSD	.31075	.03107	.85765	97.662	1.0524	46.152	5.7280

#1	.01352	237.44	-.00330	.00035	1723.9	.00033	.00050
#2	.01346	237.33	-.00334	.00006	1698.4	.00065	.00054

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 79.902	.00205	F .81794	F 195.47	F .93973	F -.06965	-.00271
Stddev	.178	.00044	.01832	.74	.00617	.00061	.00103
%RSD	.22327	21.334	2.2399	.38090	.65672	.87752	38.151

#1	80.029	.00236	.83089	196.00	.94410	-.07008	-.00198
#2	79.776	.00174	.80498	194.94	.93537	-.06921	-.00344

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	F .29941	F .1029	F 1.4337	F 7.9005	F 5.4607		
Stddev	.00158	.0004	.0006	.1040	.5686		
%RSD	.52786	.4069	.04055	1.3159	10.413		

#1	.30053	.1026	1.4341	7.9740	5.8628		
#2	.29829	.1032	1.4332	7.8270	5.0586		

Sample Name: J4901-04 Acquired: 9/20/2018 13:42:36 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1647.9	37448.	3784.0	96.994	2278.3
Stddev	7.0	40.	8.0	.560	8.8
%RSD	.42395	.10605	.21130	.57740	.38763
#1	1643.0	37420.	3789.6	97.391	2272.1
#2	1652.8	37476.	3778.3	96.598	2284.6

Sample Name: J4901-05 Acquired: 9/20/2018 13:46:45 Type: Unk
Method: P4-ICP2(v2444) 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	.00317	.00272	F .00535	-.00224	-.00359	-.06971	.02381
Stddev	.00525	.00354	.00068	.00718	.00042	.00328	.00028
%RSD	165.59	130.34	12.731	320.51	11.655	4.7071	1.1771

#1	-.00054	.00021	.00487	.00283	-.00329	-.07203	.02401
#2	.00689	.00522	.00583	-.00731	-.00388	-.06738	.02361

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	-.00034	F 92.624	-.00132	.00026	.00171	-.01559
Stddev	.00007	.00013	.261	.00004	.00013	.00016	.01111
%RSD	54.138	36.493	.28156	3.1050	50.278	9.0761	71.288

#1	.00008	-.00043	92.808	-.00135	.00036	.00160	-.00773
#2	.00017	-.00026	92.439	-.00129	.00017	.00182	-.02344

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .00624	F 248.29	-.00288	.00001	F 1737.8	.00084	.00074
Stddev	.00006	.59	.00000	.00004	42.6	.00017	.00000
%RSD	.95891	.23803	.06854	404.01	2.4535	19.618	.26751

#1	.00620	247.88	-.00288	-.00002	1768.0	.00096	.00074
#2	.00628	248.71	-.00288	.00004	1707.7	.00073	.00074

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 83.813	.00239	F .85524	F 205.65	F .93425	F -.07283	-.00266
Stddev	.292	.00027	.01029	.54	.01413	.00223	.00103
%RSD	.34850	11.255	1.2029	.26072	1.5119	3.0618	38.757

#1	84.020	.00220	.86251	206.03	.92426	-.07441	-.00193
#2	83.607	.00259	.84796	205.28	.94424	-.07126	-.00339

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	F .32645	F .1049	F 1.4974	F 8.3631	F 5.7471		
Stddev	.00450	.0010	.0072	.0697	.1912		
%RSD	1.3785	.9712	.47912	.83369	3.3272		

#1	.32327	.1042	1.5025	8.3138	5.8823		
#2	.32963	.1056	1.4924	8.4124	5.6119		

Sample Name: J4901-05 Acquired: 9/20/2018 13:46:45 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1640.1	37195.	3774.7	95.048	2256.6
Stddev	.8	36.	8.3	.223	5.8
%RSD	.04892	.09748	.22008	.23470	.25724
#1	1639.6	37169.	3780.6	95.206	2252.5
#2	1640.7	37221.	3768.8	94.890	2260.7

Sample Name: J4901-08 Acquired: 9/20/2018 13:55:05 Type: Unk
Method: P4-ICP2(v2444) 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	F .00609	-.00104	F .00460	.00075	-.00558	-.07038	.02278
Stddev	.00049	.00056	.00232	.00333	.00018	.00504	.00003
%RSD	8.0932	54.150	50.487	441.70	3.1840	7.1545	.11965

#1	.00643	-.00144	.00625	-.00160	-.00546	-.07394	.02280
#2	.00574	-.00064	.00296	.00311	-.00571	-.06682	.02277

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	-.00037	F 88.031	-.00137	.00023	.00151	-.01853
Stddev	.00008	.00028	.661	.00034	.00018	.00017	.01601
%RSD	125.34	75.304	.75130	24.733	76.575	10.993	86.377

#1	.00001	-.00057	87.564	-.00161	.00036	.00163	-.02985
#2	.00012	-.00017	88.499	-.00113	.00011	.00139	-.00721

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .00598	F 233.91	-.00253	.00036	F 1619.4	.00051	.00070
Stddev	.00012	.91	.00030	.00023	7.2	.00004	.00010
%RSD	2.0329	.38965	11.997	63.626	.44595	7.5904	14.356

#1	.00589	233.26	-.00275	.00020	1614.3	.00048	.00063
#2	.00607	234.55	-.00232	.00052	1624.6	.00054	.00077

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 78.910	.00195	F .81590	F 196.79	F .92251	F -.07090	-.00079
Stddev	.476	.00004	.00927	.13	.00726	.00094	.00026
%RSD	.60360	1.8737	1.1359	.06731	.78724	1.3294	33.091

#1	78.574	.00197	.80935	196.70	.91738	-.07157	-.00061
#2	79.247	.00192	.82245	196.88	.92765	-.07024	-.00098

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	F .29611	F .1024	F 1.4182	F 7.5387	F 5.5064		
Stddev	.01081	.0014	.0103	.1745	.4660		
%RSD	3.6501	1.326	.72815	2.3146	8.4628		

#1	.28847	.1014	1.4109	7.4153	5.8359		
#2	.30375	.1033	1.4255	7.6621	5.1769		

Sample Name: J4901-08 Acquired: 9/20/2018 13:55:05 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1646.1	37525.	3841.0	96.439	2273.6
Stddev	2.3	50.	19.4	.463	.7
%RSD	.13800	.13277	.50603	.47993	.02925
#1	1644.5	37560.	3854.7	96.767	2273.1
#2	1647.7	37489.	3827.2	96.112	2274.0

Sample Name: J4901-09 Acquired: 9/20/2018 13:59:10 Type: Unk
Method: P4-ICP2(v2444) 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	.00320	.00054	F .00442	-.00647	-.00592	-.05717	.02269
Stddev	.00001	.00268	.00310	.00257	.00205	.02202	.00103
%RSD	.31160	493.55	69.984	39.638	34.615	38.522	4.5594

#1	.00319	-.00135	.00661	-.00466	-.00737	-.07274	.02342
#2	.00321	.00244	.00223	-.00828	-.00447	-.04160	.02196

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00014	-.00051	F 86.185	-.00138	.00036	.00236	-.02216
Stddev	.00009	.00007	.362	.00068	.00014	.00014	.00665
%RSD	66.229	13.697	.41985	49.059	38.644	6.1363	30.019

#1	.00021	-.00046	85.929	-.00090	.00046	.00246	-.01746
#2	.00007	-.00056	86.441	-.00186	.00026	.00226	-.02687

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .00649	F 227.38	-.00375	.00055	F 1555.7	.00060	.00056
Stddev	.00005	.04	.00020	.00005	12.7	.00010	.00003
%RSD	.79486	.01629	5.4055	9.8461	.81357	16.032	5.3510

#1	.00653	227.35	-.00360	.00051	1546.7	.00067	.00058
#2	.00645	227.40	-.00389	.00059	1564.6	.00054	.00054

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 75.983	.00179	F .78159	F 187.77	F .91163	F -.06670	-.00371
Stddev	.297	.00029	.00056	.74	.00815	.00178	.00169
%RSD	.39074	16.383	.07206	.39435	.89426	2.6716	45.536

#1	75.773	.00158	.78119	187.25	.90586	-.06544	-.00251
#2	76.193	.00200	.78199	188.30	.91739	-.06796	-.00490

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	F .28626	F .1014	F 1.3725	F 7.3302	F 5.6436		
Stddev	.00790	.0011	.0048	.0289	.0028		
%RSD	2.7595	1.048	.35196	.39362	.04956		

#1	.29185	.1007	1.3691	7.3098	5.6456		
#2	.28067	.1022	1.3759	7.3506	5.6416		

Sample Name: J4901-09 Acquired: 9/20/2018 13:59:10 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1646.5	37598.	3826.9	98.010	2271.9
Stddev	3.8	22.	25.1	.463	4.1
%RSD	.23110	.05934	.65540	.47196	.17843
#1	1649.2	37582.	3844.7	97.683	2274.8
#2	1643.9	37614.	3809.2	98.337	2269.0

Sample Name: J4901-10 Acquired: 9/20/2018 14:03:16 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00160	.00058	F .00437	.00059	-.00662	-.05663	.02342
Stddev	.00071	.00146	.00099	.00085	.00052	.02054	.00054
%RSD	44.306	251.37	22.702	145.10	7.8845	36.261	2.2859

#1	.00211	-.00045	.00367	-.00002	-.00625	-.04211	.02380
#2	.00110	.00162	.00507	.00119	-.00698	-.07116	.02304

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00014	-.00044	F 84.153	-.00142	.00030	.00205	-.02896
Stddev	.00001	.00022	.349	.00048	.00036	.00004	.01052
%RSD	4.9888	50.795	.41510	33.603	122.19	1.7378	36.326

#1	.00014	-.00060	84.400	-.00175	.00055	.00203	-.02152
#2	.00015	-.00028	83.906	-.00108	.00004	.00208	-.03640

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .00583	F 218.86	-.00250	-.00013	F 1529.1	.00043	.00062
Stddev	.00004	.37	.00012	.00057	20.5	.00006	.00002
%RSD	.70859	.16691	4.9607	452.10	1.3408	13.766	3.2832

#1	.00580	218.60	-.00259	.00027	1543.6	.00038	.00063
#2	.00585	219.11	-.00241	-.00052	1514.6	.00047	.00060

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 73.627	.00178	F .77158	F 181.61	F .92827	F -.06538	-.00167
Stddev	.172	.00021	.01336	.33	.00079	.00004	.00218
%RSD	.23333	11.665	1.7318	.18122	.08503	.05575	130.28

#1	73.749	.00192	.78103	181.84	.92771	-.06535	-.00322
#2	73.506	.00163	.76213	181.38	.92883	-.06541	-.00013

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	F .29491	F .0902	F 1.3289	F 7.3518	F 5.5475		
Stddev	.00949	.0014	.0018	.5483	.8936		
%RSD	3.2179	1.526	.13543	7.4577	16.109		

#1	.30162	.0892	1.3302	6.9641	4.9156		
#2	.28820	.0912	1.3277	7.7394	6.1794		

Sample Name: J4901-10 Acquired: 9/20/2018 14:03:16 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1657.1	37618.	3798.5	97.178	2296.8
Stddev	2.4	149.	21.6	.482	4.3
%RSD	.14403	.39620	.56798	.49597	.18886
#1	1658.8	37724.	3783.3	96.837	2293.8
#2	1655.4	37513.	3813.8	97.519	2299.9

Sample Name: J4901-11 Acquired: 9/20/2018 14:07:23 Type: Unk
Method: P4-ICP2(v2444) 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	-0.00010	-0.00135	F 0.00532	-0.00057	-0.00601	-0.07244	0.02405
Stddev	.00399	.00273	.00042	.00197	.00020	.00681	.00004
%RSD	4168.4	201.76	7.8639	346.86	3.3026	9.3994	.18020

#1	-0.00292	.00058	.00562	.00083	-0.00587	-0.07726	0.02402
#2	.00273	-0.00328	.00503	-0.00196	-0.00615	-0.06763	0.02408

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	-0.00052	F 90.380	-0.00172	-0.00014	.00190	-0.03491
Stddev	.00002	.00020	.165	.00014	.00005	.00016	.00221
%RSD	29.203	39.427	.18258	8.2248	36.915	8.4091	6.3396

#1	.00009	-0.00066	90.263	-0.00162	-0.00017	.00201	-0.03647
#2	.00006	-0.00037	90.496	-0.00182	-0.00010	.00179	-0.03334

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 0.00582	F 240.83	-0.00356	.00020	F 1641.0	.00107	.00069
Stddev	.00006	.49	.00056	.00010	35.8	.00007	.00009
%RSD	1.0049	.20426	15.633	49.677	2.1807	6.9491	13.455

#1	.00578	240.49	-0.00317	.00013	1666.3	.00102	.00062
#2	.00586	241.18	-0.00396	.00027	1615.7	.00113	.00075

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 81.068	.00187	F 0.83028	F 200.34	F 0.93110	F -0.07059	-0.00334
Stddev	.249	.00030	.02263	.16	.00321	.00246	.00275
%RSD	.30734	15.962	2.7261	.08110	.34456	3.4863	82.253

#1	80.892	.00166	.81427	200.46	.93337	-0.07233	-0.00140
#2	81.244	.00208	.84628	200.23	.92883	-0.06885	-0.00528

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	F 0.31752	F 0.1050	F 1.4530	F 8.3605	F 5.6468		
Stddev	.01182	.0012	.0041	.0048	.7906		
%RSD	3.7220	1.145	.28119	.05782	14.002		

#1	.32588	.1059	1.4501	8.3571	6.2059		
#2	.30916	.1042	1.4559	8.3639	5.0878		

Sample Name: J4901-11 Acquired: 9/20/2018 14:07:23 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1633.4	37116.	3764.9	95.772	2252.3
Stddev	2.6	120.	10.9	3.188	1.4
%RSD	.16034	.32399	.28887	3.3284	.06333
#1	1631.6	37201.	3772.6	93.518	2253.3
#2	1635.3	37031.	3757.2	98.026	2251.3

Sample Name: J4901-12 Acquired: 9/20/2018 14:11:29 Type: Unk
Method: P4-ICP2(v2444) 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	.00036	-.00060	F .00541	-.00302	-.00467	-.05055	.02360
Stddev	.00238	.00137	.00320	.00285	.00246	.01143	.00028
%RSD	660.03	226.84	59.133	94.457	52.725	22.601	1.1931

#1	-.00132	.00036	.00767	-.00503	-.00642	-.05863	.02380
#2	.00204	-.00157	.00315	-.00100	-.00293	-.04247	.02340

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00016	-.00046	F 88.954	-.00125	.00042	.00212	-.01331
Stddev	.00006	.00011	.034	.00097	.00027	.00014	.00767
%RSD	39.603	23.174	.03790	77.322	63.879	6.3972	57.578

#1	.00012	-.00039	88.930	-.00194	.00061	.00202	-.01873
#2	.00021	-.00054	88.978	-.00057	.00023	.00221	-.00789

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .00650	F 234.35	-.00276	.00028	F 1585.0	.00094	.00056
Stddev	.00003	.69	.00014	.00037	6.9	.00007	.00011
%RSD	.39428	.29410	5.1828	135.72	.43260	7.4657	19.636

#1	.00651	233.87	-.00286	.00054	1589.9	.00089	.00064
#2	.00648	234.84	-.00266	.00001	1580.2	.00098	.00048

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 79.382	.00192	F .81164	F 195.07	F .92709	F -.06981	-.00202
Stddev	.096	.00041	.00079	.13	.00154	.00055	.00201
%RSD	.12043	21.456	.09686	.06701	.16646	.79151	99.443

#1	79.449	.00222	.81109	195.16	.92818	-.06942	-.00345
#2	79.314	.00163	.81220	194.98	.92600	-.07021	-.00060

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	F .30868	F .1053	F 1.4197	F 8.2220	F 5.4128		
Stddev	.00040	.0014	.0011	.0072	.4062		
%RSD	.12844	1.313	.07788	.08768	7.5048		

#1	.30840	.1043	1.4205	8.2271	5.7000		
#2	.30896	.1063	1.4189	8.2169	5.1256		

Sample Name: J4901-12 Acquired: 9/20/2018 14:11:29 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1633.4	37239.	3754.2	95.448	2252.5
Stddev	1.5	116.	15.9	3.027	2.5
%RSD	.09300	.31229	.42483	3.1709	.11049
#1	1632.4	37321.	3765.5	93.308	2254.2
#2	1634.5	37156.	3743.0	97.588	2250.7

Sample Name: J4901-13 Acquired: 9/20/2018 14:15:36 Type: Unk
Method: P4-ICP2(v2444) 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	F .01062	-.00190	F .00530	-.00188	-.00554	-.05659	.02329
Stddev	.00197	.00021	.00052	.00261	.00089	.01587	.00065
%RSD	18.509	10.818	9.8971	139.40	16.017	28.041	2.8069

#1	.01201	-.00205	.00492	-.00003	-.00491	-.06781	.02283
#2	.00923	-.00176	.00567	-.00372	-.00616	-.04537	.02376

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00018	-.00049	F 89.007	-.00108	.00005	.00239	-.03688
Stddev	.00007	.00002	.068	.00025	.00014	.00013	.00293
%RSD	38.558	4.6418	.07652	23.294	265.34	5.4999	7.9436

#1	.00013	-.00047	89.055	-.00090	.00015	.00230	-.03481
#2	.00023	-.00050	88.958	-.00126	-.00005	.00249	-.03895

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .00648	F 235.75	-.00399	.00071	F 1592.5	.00026	.00058
Stddev	.00002	.50	.00030	.00055	16.7	.00041	.00006
%RSD	.35850	.21031	7.4280	76.877	1.0467	158.67	10.977

#1	.00647	236.10	-.00420	.00110	1604.3	-.00003	.00054
#2	.00650	235.40	-.00378	.00033	1580.7	.00055	.00063

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 79.211	.00168	F .80146	F 195.80	F .91317	F -.06959	-.00540
Stddev	.076	.00028	.00501	.04	.01260	.00083	.00039
%RSD	.09595	16.586	.62449	.01793	1.3796	1.1881	7.1975

#1	79.157	.00148	.80499	195.83	.92208	-.07017	-.00568
#2	79.265	.00187	.79792	195.78	.90426	-.06900	-.00513

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	F .30745	F .1052	F 1.4214	F 8.1458	F 5.3884		
Stddev	.01380	.0033	.0003	.3068	.3280		
%RSD	4.4885	3.156	.02157	3.7661	6.0874		

#1	.29770	.1029	1.4212	8.3627	5.6204		
#2	.31721	.1076	1.4216	7.9289	5.1565		

Sample Name: J4901-13 Acquired: 9/20/2018 14:15:36 Type: Unk
 Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1637.5	37174.	3775.0	93.609	2260.5
Stddev	1.0	98.	22.7	.307	.3
%RSD	.05939	.26372	.60055	.32833	.01393
#1	1636.8	37243.	3759.0	93.392	2260.8
#2	1638.2	37104.	3791.0	93.826	2260.3

Sample Name: CCV02 Acquired: 9/20/2018 14:19:44 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9267	4.8592	4.7775	4.9668	4.9903	10.137	10.041
Stddev	.0120	.0012	.0179	.0148	.0038	.078	.016
%RSD	.24415	.02524	.37508	.29800	.07646	.76963	.16017

#1	4.9182	4.8584	4.7902	4.9773	4.9930	10.081	10.052
#2	4.9352	4.8601	4.7649	4.9563	4.9876	10.192	10.029

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24200	2.3829	24.129	.97237	2.4012	1.2515	4.8242
Stddev	.00100	.0012	.096	.00250	.0012	.0008	.0777
%RSD	.41420	.04951	.39709	.25729	.05035	.06205	1.6105

#1	.24129	2.3838	24.061	.97060	2.4020	1.2510	4.8791
#2	.24271	2.3821	24.197	.97414	2.4003	1.2521	4.7692

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4472	23.807	2.4037	1.2122	25.978	2.4487	2.3368
Stddev	.0031	.140	.0004	.0003	.015	.0013	.0434
%RSD	.12769	.58611	.01799	.02427	.05605	.05261	1.8561

#1	2.4450	23.708	2.4041	1.2124	25.988	2.4496	2.3674
#2	2.4494	23.905	2.4034	1.2120	25.968	2.4477	2.3061

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.175	4.9687	4.8784	4.8233	4.6497	4.7531	4.9275
Stddev	.031	.0009	.0217	.0343	.0020	.0115	.0100
%RSD	.12488	.01746	.44568	.71079	.04294	.24244	.20255

#1	25.153	4.9680	4.8630	4.8476	4.6511	4.7612	4.9204
#2	25.198	4.9693	4.8938	4.7991	4.6483	4.7449	4.9346

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	4.5874	4.882	4.9749	F 2.9090	F 3.2619
Stddev	.0055	.019	.0114	.0173	.7729
%RSD	.11969	.3910	.22835	.59451	23.694

#1	4.5913	4.896	4.9829	2.8968	2.7154
#2	4.5835	4.869	4.9669	2.9213	3.8084

Sample Name: CCV02 Acquired: 9/20/2018 14:19:44 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1803.2	42323.	3888.4	98.791	2764.6
Stddev	4.0	111.	12.0	2.033	9.9
%RSD	.22002	.26288	.30768	2.0579	.35679
#1	1800.4	42401.	3880.0	97.354	2757.6
#2	1806.0	42244.	3896.9	100.23	2771.6

Sample Name: CCB02 Acquired: 9/20/2018 14:27:52 Type: Unk
Method: P4-ICP2(v2444) 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	-.00372	-.00052	-.00096	-.00562	-.00115	-.00134	-.00072
Stddev	.00018	.00118	.00009	.00025	.00012	.00487	.00042
%RSD	4.9012	224.76	9.5335	4.4972	10.523	362.49	58.288

#1	-.00385	-.00136	-.00102	-.00580	-.00106	-.00479	-.00101
#2	-.00359	.00031	-.00090	-.00544	-.00123	.00210	-.00042

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00003	-.01408	-.00012	.00002	-.00011	-.00150
Stddev	.00001	.00006	.00581	.00039	.00001	.00038	.00381
%RSD	22.629	190.51	41.295	337.45	40.889	333.96	254.01

#1	.00003	.00007	-.00997	-.00039	.00001	.00015	.00119
#2	.00005	-.00001	-.01819	.00016	.00002	-.00038	-.00419

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	.00329	.00086	-.00009	F 2.3041	-.00040	.00006
Stddev	.00000	.00905	.00023	.00017	.0386	.00014	.00006
%RSD	14.711	275.18	26.825	184.11	1.6744	35.171	100.23

#1	-.00004	.00969	.00102	.00003	2.3314	-.00030	.00010
#2	-.00003	-.00311	.00070	-.00021	2.2768	-.00050	.00002

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.39665	.00005	.01124	.00182	-.00635	-.00007	.00162
Stddev	.00064	.00013	.00518	.00087	.00332	.00023	.00242
%RSD	.16180	281.27	46.040	47.804	52.368	312.52	149.01

#1	.39710	.00014	.01490	.00244	-.00400	-.00024	.00333
#2	.39619	-.00005	.00758	.00120	-.00870	.00009	-.00009

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .03004	-.0013	-.00002	F 1.3680	F 1.2853
Stddev	.00025	.0005	.00008	.1600	.3469
%RSD	.81687	36.15	377.77	11.699	26.993

#1	.03022	-.0010	.00003	1.2548	1.5306
#2	.02987	-.0016	-.00008	1.4811	1.0400

Sample Name: CCB02 Acquired: 9/20/2018 14:27:52 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1853.9	43285.	3834.4	98.185	3066.8
Stddev	9.2	174.	31.5	2.048	15.5
%RSD	.49494	.40257	.82163	2.0858	.50696
#1	1847.4	43161.	3812.2	96.737	3055.8
#2	1860.4	43408.	3856.7	99.633	3077.8

Sample Name: J4901-14 Acquired: 9/20/2018 14:31:56 Type: Unk
Method: P4-ICP2(v2444) 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	.00350	-.00181	F .00440	.00357	-.00418	-.06627	.02306
Stddev	.00314	.00141	.00070	.00226	.00083	.01277	.00025
%RSD	89.699	78.104	15.892	63.270	19.727	19.269	1.0981

#1	.00572	-.00281	.00390	.00197	-.00477	-.05724	.02288
#2	.00128	-.00081	.00489	.00516	-.00360	-.07529	.02324

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00016	-.00043	F 95.697	-.00095	.00041	.00227	-.03191
Stddev	.00008	.00009	1.513	.00026	.00051	.00064	.00254
%RSD	52.529	20.281	1.5810	27.108	125.26	28.331	7.9504

#1	.00010	-.00037	94.627	-.00077	.00077	.00272	-.03371
#2	.00022	-.00050	96.767	-.00114	.00005	.00182	-.03012

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00369	F 261.41	-.00326	.00019	F 1790.0	.00095	.00070
Stddev	.00000	2.62	.00039	.00043	16.6	.00024	.00005
%RSD	.00474	1.0019	11.893	226.41	.92939	25.670	6.8263

#1	.00369	259.56	-.00353	.00050	1778.2	.00078	.00066
#2	.00369	263.26	-.00298	-.00011	1801.7	.00112	.00073

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 88.260	.00242	F .90923	F 219.66	F .92062	F -.07716	-.00445
Stddev	1.576	.00029	.02298	.06	.02198	.00038	.00181
%RSD	1.7853	12.107	2.5277	.02821	2.3874	.49859	40.693

#1	87.146	.00263	.89298	219.61	.90508	-.07689	-.00317
#2	89.375	.00221	.92548	219.70	.93616	-.07744	-.00573

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	F .34478	F .1106	F 1.5539	F 8.3883	F 6.1591		
Stddev	.00979	.0010	.0230	.3780	.0195		
%RSD	2.8407	.8890	1.4782	4.5059	.31640		

#1	.33786	.1113	1.5377	8.6556	6.1728		
#2	.35171	.1099	1.5701	8.1211	6.1453		

Sample Name: J4901-14 Acquired: 9/20/2018 14:31:56 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1644.2	37225.	3788.1	97.543	2255.4
Stddev	2.6	128.	88.3	1.934	4.6
%RSD	.15510	.34503	2.3318	1.9831	.20392
#1	1646.0	37316.	3850.6	98.911	2252.1
#2	1642.4	37134.	3725.7	96.175	2258.6

Sample Name: J4901-15 Acquired: 9/20/2018 14:36:04 Type: Unk
Method: P4-ICP2(v2444) 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	.00221	.00029	F .00451	.00060	-.00503	-.05144	.02277
Stddev	.00200	.00406	.00005	.00602	.00162	.00646	.00039
%RSD	90.541	1424.3	1.0879	1001.8	32.221	12.550	1.6947

#1	.00079	.00316	.00454	-.00366	-.00618	-.05601	.02250
#2	.00362	-.00259	.00447	.00486	-.00389	-.04688	.02304

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00021	-.00035	F 94.392	-.00120	.00004	.00214	-.01081
Stddev	.00004	.00008	.361	.00008	.00016	.00035	.02876
%RSD	18.180	22.984	.38241	6.3573	363.71	16.398	266.21

#1	.00023	-.00029	94.648	-.00125	-.00007	.00238	-.03114
#2	.00018	-.00041	94.137	-.00114	.00016	.00189	.00953

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00412	F 254.50	-.00320	.00036	F 1722.5	.00100	.00107
Stddev	.00000	.96	.00017	.00083	37.0	.00010	.00003
%RSD	.04839	.37615	5.3056	230.94	2.1504	9.7192	2.7307

#1	.00413	255.17	-.00308	-.00023	1748.7	.00107	.00109
#2	.00412	253.82	-.00332	.00095	1696.3	.00093	.00105

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 86.232	.00200	F .88565	F 214.14	F .93548	F -.07804	-.00243
Stddev	.542	.00030	.01916	1.09	.01172	.00016	.00006
%RSD	.62838	15.052	2.1630	.50725	1.2528	.20760	2.4474

#1	86.615	.00221	.89919	213.37	.94377	-.07793	-.00239
#2	85.849	.00179	.87210	214.91	.92719	-.07816	-.00248

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	F .33453	F .1101	F 1.5303	F 8.6659	F 5.6955		
Stddev	.03167	.0009	.0065	.1805	.4492		
%RSD	9.4669	.8070	.42299	2.0828	7.8875		

#1	.35692	.1108	1.5349	8.5383	5.3778		
#2	.31213	.1095	1.5258	8.7935	6.0132		

Sample Name: J4901-15 Acquired: 9/20/2018 14:36:04 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1633.7	36969.	3773.4	94.342	2245.8
Stddev	10.9	218.	14.9	1.125	10.4
%RSD	.66973	.59004	.39417	1.1926	.46127
#1	1641.4	37124.	3762.9	93.547	2253.2
#2	1625.9	36815.	3784.0	95.138	2238.5

Sample Name: J4930-02 Acquired: 9/20/2018 14:52:36 Type: Unk
Method: P4-ICP2(v2444) 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	-.00025	.00131	F .00531	-.00201	-.00506	-.03544	.02344
Stddev	.00097	.00319	.00032	.00060	.00243	.01324	.00055
%RSD	387.85	244.04	6.1201	29.756	48.012	37.369	2.3589

#1	-.00094	-.00095	.00554	-.00159	-.00678	-.04481	.02383
#2	.00044	.00356	.00508	-.00243	-.00334	-.02608	.02305

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00016	-.00040	F 75.253	-.00198	.00004	.00222	-.01594
Stddev	.00003	.00005	.076	.00062	.00001	.00020	.01723
%RSD	15.411	11.679	.10050	31.130	31.911	8.9704	108.12

#1	.00014	-.00037	75.199	-.00241	.00005	.00207	-.02813
#2	.00018	-.00043	75.306	-.00154	.00003	.00236	-.00375

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01003	F 185.65	-.00274	-.00004	F 1363.6	.00040	.00077
Stddev	.00003	1.61	.00076	.00031	8.0	.00041	.00005
%RSD	.34024	.86915	27.661	833.99	.58653	101.62	7.1267

#1	.01005	186.79	-.00220	.00018	1369.3	.00011	.00080
#2	.01000	184.50	-.00327	-.00026	1358.0	.00069	.00073

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 62.284	.00153	F .66109	F 153.12	F .91170	F -.05457	-.00296
Stddev	.037	.00061	.00626	.39	.00101	.00174	.00260
%RSD	.05980	39.863	.94635	.25686	.11095	3.1890	87.983

#1	62.258	.00196	.65666	153.39	.91242	-.05580	-.00112
#2	62.311	.00110	.66551	152.84	.91099	-.05334	-.00480

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	F .23612	F .0918	F 1.1400	F 7.8238	F 5.3171		
Stddev	.00668	.0002	.0006	.3901	.2997		
%RSD	2.8294	.2550	.05517	4.9857	5.6367		

#1	.23139	.0916	1.1396	8.0997	5.1052		
#2	.24084	.0920	1.1405	7.5480	5.5291		

Sample Name: J4930-02 Acquired: 9/20/2018 14:52:36 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1664.3	38091.	3835.6	96.842	2331.6
Stddev	1.1	48.	10.1	2.509	2.1
%RSD	.06498	.12677	.26235	2.5910	.09211
#1	1663.5	38125.	3842.7	98.617	2333.2
#2	1665.1	38057.	3828.5	95.068	2330.1

Sample Name: J4930-03 Acquired: 9/20/2018 14:56:43 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00345	-.00159	.00273	-.00236	-.00489	-.05083	.02416
Stddev	.00331	.00291	.00059	.00063	.00035	.00404	.00005
%RSD	95.957	183.05	21.585	26.594	7.0957	7.9476	.19911

#1	.00578	.00047	.00232	-.00280	-.00464	-.04797	.02412
#2	.00111	-.00365	.00315	-.00191	-.00513	-.05368	.02419

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	-.00046	F 74.774	-.00163	.00013	.00177	-.02239
Stddev	.00010	.00007	.389	.00020	.00027	.00024	.00383
%RSD	136.87	15.465	.52081	12.518	204.65	13.467	17.096

#1	.00014	-.00041	74.498	-.00148	.00033	.00194	-.02510
#2	.00000	-.00051	75.049	-.00177	-.00006	.00160	-.01968

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01006	F 183.90	-.00263	.00010	F 1333.4	.00090	.00113
Stddev	.00003	.53	.00006	.00012	18.9	.00028	.00006
%RSD	.31417	.28966	2.2520	124.96	1.4166	30.785	5.0654

#1	.01009	183.52	-.00259	.00018	1346.7	.00110	.00117
#2	.01004	184.27	-.00267	.00001	1320.0	.00071	.00109

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 61.799	.00124	F .63856	F 152.50	F .91122	F -.05215	-.00314
Stddev	.156	.00019	.00334	.60	.00882	.00248	.00088
%RSD	.25234	15.520	.52306	.39180	.96825	4.7497	28.031

#1	61.688	.00111	.64092	152.08	.90498	-.05040	-.00376
#2	61.909	.00138	.63619	152.92	.91746	-.05390	-.00252

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	F .22998	F .0890	F 1.1303	F 6.7637	F 5.1088		
Stddev	.00028	.0002	.0044	.0447	.2137		
%RSD	.12277	.2615	.39068	.66057	4.1835		

#1	.23018	.0892	1.1272	6.7321	4.9576		
#2	.22978	.0889	1.1335	6.7953	5.2599		

Sample Name: J4930-03 Acquired: 9/20/2018 14:56:43 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1662.3	38184.	3844.4	96.517	2330.3
Stddev	2.9	72.	20.6	.524	4.9
%RSD	.17217	.18796	.53689	.54260	.21122
#1	1664.3	38133.	3859.0	96.887	2333.8
#2	1660.3	38234.	3829.8	96.147	2326.8

Sample Name: J4930-04 Acquired: 9/20/2018 15:00:49 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00345	.00010	F .00413	-.00220	-.00418	-.03453	.02343
Stddev	.00141	.00431	.00153	.00199	.00055	.02622	.00015
%RSD	40.840	4181.4	36.924	90.574	13.197	75.921	.65374

#1	.00246	.00315	.00305	-.00079	-.00458	-.05307	.02354
#2	.00445	-.00294	.00521	-.00361	-.00379	-.01599	.02332

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	-.00029	F 72.254	-.00180	-.00014	.00214	-.01159
Stddev	.00008	.00006	.448	.00009	.00017	.00013	.01460
%RSD	57.183	19.531	.62013	4.7439	124.32	6.2138	126.02

#1	.00008	-.00025	72.571	-.00174	-.00002	.00205	-.00126
#2	.00018	-.00033	71.938	-.00186	-.00026	.00223	-.02192

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01211	F 176.75	-.00352	-.00007	F 1259.9	.00015	.00037
Stddev	.00002	.17	.00028	.00020	15.9	.00087	.00003
%RSD	.18234	.09455	7.9913	282.26	1.2596	588.30	8.0315

#1	.01213	176.63	-.00372	-.00021	1271.1	.00076	.00039
#2	.01210	176.87	-.00332	.00007	1248.6	-.00047	.00035

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 59.112	.00114	F .59751	F 145.53	F .89279	F -.05172	-.00266
Stddev	.524	.00050	.00439	.41	.01205	.00064	.00124
%RSD	.88568	43.640	.73548	.28182	1.3498	1.2295	46.681

#1	59.482	.00150	.60061	145.82	.90131	-.05217	-.00354
#2	58.742	.00079	.59440	145.24	.88427	-.05127	-.00178

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	F .21531	F .0910	F 1.0865	F 6.8649	F 4.7855		
Stddev	.00460	.0004	.0077	.1366	.2790		
%RSD	2.1358	.4185	.71143	1.9902	5.8301		

#1	.21206	.0907	1.0920	6.7683	4.9828		
#2	.21856	.0912	1.0810	6.9615	4.5882		

Sample Name: J4930-04 Acquired: 9/20/2018 15:00:49 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1666.0	38236.	3864.1	96.272	2342.8
Stddev	6.6	81.	24.5	1.555	2.6
%RSD	.39713	.21175	.63423	1.6151	.11205
#1	1661.3	38294.	3846.8	95.173	2340.9
#2	1670.7	38179.	3881.4	97.372	2344.6

Sample Name: J4930-05 Acquired: 9/20/2018 15:04:56 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.00022	F .00343	.00163	-.00424	-.03591	.02436
Stddev	.00100	.00206	.00035	.00285	.00053	.01321	.00078
%RSD	11803.	923.11	10.160	175.29	12.561	36.772	3.1817

#1	.00071	-.00168	.00367	.00365	-.00462	-.04525	.02491
#2	-.00070	.00124	.00318	-.00039	-.00387	-.02657	.02381

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	-.00046	F 73.710	-.00119	-.00004	.00211	-.01589
Stddev	.00002	.00009	.353	.00147	.00019	.00034	.00258
%RSD	22.630	20.276	.47831	123.86	470.75	16.133	16.250

#1	.00012	-.00052	73.461	-.00015	-.00018	.00235	-.01771
#2	.00008	-.00039	73.960	-.00223	.00010	.00187	-.01406

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01296	F 179.85	-.00336	.00020	F 1302.3	.00043	.00037
Stddev	.00014	.15	.00001	.00043	20.3	.00028	.00006
%RSD	1.0657	.08471	.28830	216.39	1.5617	66.219	15.510

#1	.01306	179.96	-.00337	-.00011	1316.6	.00063	.00041
#2	.01286	179.74	-.00335	.00050	1287.9	.00023	.00033

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 60.357	.00181	F .62089	F 148.06	F .91579	F -.05163	-.00287
Stddev	.251	.00029	.00666	.40	.00255	.00032	.00077
%RSD	.41619	16.241	1.0727	.27036	.27833	.61952	26.786

#1	60.179	.00202	.61618	147.78	.91399	-.05186	-.00342
#2	60.535	.00160	.62560	148.35	.91759	-.05140	-.00233

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	F .23711	F .0884	F 1.1091	F 7.1144	F 4.9799		
Stddev	.00314	.0028	.0056	.1310	.2519		
%RSD	1.3234	3.137	.50494	1.8415	5.0572		

#1	.23489	.0903	1.1052	7.0217	4.8019		
#2	.23932	.0864	1.1131	7.2070	5.1580		

Sample Name: J4930-05 Acquired: 9/20/2018 15:04:56 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1667.2	38288.	3841.8	98.232	2340.3
Stddev	2.6	.	11.0	.828	6.1
%RSD	.15783	.00047	.28562	.84333	.26157
#1	1669.0	38287.	3834.0	97.647	2344.7
#2	1665.3	38288.	3849.5	98.818	2336.0

Sample Name: J4930-06 Acquired: 9/20/2018 15:09:06 Type: Unk
Method: P4-ICP2(v2444) 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	-0.00012	.00007	F .00347	-0.00074	-0.00693	-0.04697	.02417
Stddev	.00204	.00060	.00025	.00154	.00177	.00365	.00002
%RSD	1686.7	825.25	7.3004	209.07	25.540	7.7710	.08541

#1	-0.00156	.00050	.00365	.00035	-0.00818	-0.04955	.02415
#2	.00132	-0.00035	.00329	-0.00183	-0.00568	-0.04439	.02418

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	-0.00040	F 71.536	-0.00056	.00008	.00168	-0.02176
Stddev	.00008	.00005	.308	.00060	.00009	.00088	.00512
%RSD	126.30	12.846	.43001	105.64	105.77	52.351	23.542

#1	.00012	-0.00036	71.754	-0.00014	.00002	.00106	-0.01814
#2	.00001	-0.00044	71.319	-0.00099	.00015	.00231	-0.02538

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01146	F 173.96	-0.00266	.00084	F 1257.9	.00022	.00030
Stddev	.00010	1.31	.00032	.00024	21.0	.00051	.00002
%RSD	.88566	.75132	12.095	28.635	1.6667	237.08	8.2974

#1	.01153	174.89	-0.00289	.00100	1272.7	-0.00015	.00028
#2	.01139	173.04	-0.00243	.00067	1243.1	.00058	.00031

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 58.225	.00147	F .60134	F 145.04	F .90092	F -.05139	-0.00374
Stddev	.127	.00006	.00225	.29	.00528	.00177	.00146
%RSD	.21797	3.7732	.37494	.20300	.58658	3.4523	38.986

#1	58.315	.00144	.60293	144.83	.90466	-0.05265	-0.00271
#2	58.135	.00151	.59974	145.25	.89719	-0.05014	-0.00477

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	F .22925	F .0917	F 1.0722	F 7.4336	F 5.0525		
Stddev	.00057	.0036	.0015	.4506	.4602		
%RSD	.24850	3.961	.14435	6.0618	9.1095		

#1	.22966	.0891	1.0733	7.1149	5.3779		
#2	.22885	.0943	1.0711	7.7522	4.7270		

Sample Name: J4930-06 Acquired: 9/20/2018 15:09:06 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1669.4	38162.	3886.8	97.833	2343.0
Stddev	2.3	179.	7.8	1.076	2.5
%RSD	.13614	.46998	.20141	1.0998	.10638
#1	1667.8	38289.	3892.4	97.072	2344.7
#2	1671.0	38036.	3881.3	98.594	2341.2

Sample Name: J4930-07 Acquired: 9/20/2018 15:13:13 Type: Unk
Method: P4-ICP2(v2444) 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	-0.00048	-0.00014	F .00317	-0.00180	-0.00492	-0.04112	.02427
Stddev	.00728	.00078	.00095	.00033	.00242	.00515	.00095
%RSD	1523.4	542.10	29.999	18.255	49.138	12.523	3.9068

#1	-0.00563	-0.00069	.00250	-0.00157	-0.00663	-0.04476	.02494
#2	.00467	.00041	.00384	-0.00204	-0.00321	-0.03748	.02360

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	-0.00038	F 72.989	-0.00109	-0.00004	.00202	-0.02303
Stddev	.00013	.00006	.046	.00006	.00002	.00005	.00342
%RSD	127.52	16.634	.06254	5.8054	68.928	2.6340	14.862

#1	.00020	-0.00043	72.957	-0.00114	-0.00005	.00198	-0.02545
#2	.00001	-0.00034	73.022	-0.00105	-0.00002	.00206	-0.02061

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01121	F 175.81	-0.00251	-0.00008	F 1276.1	.00116	.00067
Stddev	.00002	.13	.00051	.00032	12.6	.00044	.00000
%RSD	.20920	.07642	20.303	401.15	.98887	38.126	.63134

#1	.01119	175.90	-0.00287	-0.00030	1285.1	.00084	.00067
#2	.01123	175.71	-0.00215	.00015	1267.2	.00147	.00067

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 59.478	.00146	F .61997	F 145.28	F .91165	F -.05046	-0.00031
Stddev	.045	.00033	.02117	.38	.00161	.00100	.00139
%RSD	.07640	22.938	3.4151	.25884	.17625	1.9884	452.35

#1	59.446	.00170	.60500	145.54	.91279	-0.04975	.00068
#2	59.510	.00122	.63494	145.01	.91051	-0.05117	-0.00129

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	F .22262	F .0901	F 1.0936	F 7.9453	F 5.5244		
Stddev	.00603	.0005	.0018	.5038	.1574		
%RSD	2.7096	.5242	.16309	6.3411	2.8492		

#1	.22689	.0898	1.0949	8.3016	5.6357		
#2	.21836	.0904	1.0923	7.5891	5.4131		

Sample Name: J4930-07 Acquired: 9/20/2018 15:13:13 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1658.3	38048.	3834.8	96.337	2337.3
Stddev	.6	19.	3.7	.154	.3
%RSD	.03885	.04927	.09707	.16029	.01255
#1	1657.8	38034.	3837.4	96.447	2337.5
#2	1658.7	38061.	3832.1	96.228	2337.1

Sample Name: J4930-08 Acquired: 9/20/2018 15:17:21 Type: Unk
Method: P4-ICP2(v2444) 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	.00255	-.00086	.00270	-.00211	-.00533	-.05183	.02439
Stddev	.00663	.00056	.00138	.00065	.00110	.01216	.00064
%RSD	260.52	65.705	51.084	30.795	20.724	23.457	2.6292

#1	-.00214	-.00046	.00367	-.00165	-.00455	-.06042	.02484
#2	.00724	-.00126	.00172	-.00257	-.00611	-.04323	.02394

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	-.00051	F 73.552	-.00119	.00020	.00240	-.02153
Stddev	.00002	.00008	.372	.00033	.00011	.00014	.00427
%RSD	20.003	16.115	.50533	27.877	53.439	6.0261	19.830

#1	.00013	-.00057	73.815	-.00096	.00013	.00250	-.02455
#2	.00010	-.00045	73.289	-.00142	.00028	.00230	-.01851

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01115	F 180.93	-.00275	.00033	F 1300.7	.00074	.00050
Stddev	.00029	.81	.00067	.00020	19.1	.00050	.00004
%RSD	2.6093	.44781	24.305	61.476	1.4679	68.122	7.4329

#1	.01136	181.50	-.00323	.00018	1314.2	.00038	.00052
#2	.01095	180.36	-.00228	.00047	1287.2	.00109	.00047

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 60.528	.00147	F .62567	F 149.82	F .91744	F -.05196	-.00340
Stddev	.144	.00046	.01208	.26	.01835	.00006	.00152
%RSD	.23745	31.320	1.9311	.17589	2.0005	.12354	44.655

#1	60.630	.00180	.63421	150.01	.93042	-.05192	-.00233
#2	60.426	.00115	.61713	149.63	.90446	-.05201	-.00448

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	F .22611	F .0913	F 1.1088	F 6.8879	F 5.2036		
Stddev	.01000	.0009	.0009	.0402	.0164		
%RSD	4.4205	1.021	.08508	.58406	.31589		

#1	.21904	.0920	1.1082	6.8595	5.2152		
#2	.23318	.0907	1.1095	6.9164	5.1920		

Sample Name: J4930-08 Acquired: 9/20/2018 15:17:21 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1659.3	38087.	3855.9	95.043	2332.5
Stddev	5.8	61.	24.8	1.939	1.5
%RSD	.34882	.16103	.64266	2.0402	.06376
#1	1663.4	38043.	3838.4	93.672	2331.4
#2	1655.2	38130.	3873.5	96.414	2333.5

Sample Name: J4930-09 Acquired: 9/20/2018 15:25:37 Type: Unk
Method: P4-ICP2(v2444) 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	.00200	-.00123	F .00450	.00393	-.00410	-.04380	.02461
Stddev	.00284	.00036	.00104	.00142	.00053	.01035	.00090
%RSD	142.13	29.262	23.197	35.993	12.834	23.631	3.6436

#1	.00401	-.00148	.00524	.00293	-.00373	-.05112	.02524
#2	-.00001	-.00097	.00376	.00494	-.00447	-.03648	.02397

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	-.00045	F 73.067	-.00135	-.00003	.00194	-.02664
Stddev	.00005	.00016	.712	.00014	.00032	.00058	.00725
%RSD	56.281	34.781	.97397	10.173	1070.5	30.149	27.228

#1	.00011	-.00034	73.570	-.00126	.00019	.00235	-.03177
#2	.00005	-.00056	72.564	-.00145	-.00025	.00152	-.02151

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .00997	F 177.52	-.00290	-.00016	F 1283.0	.00114	.00041
Stddev	.00007	1.33	.00067	.00018	39.5	.00008	.00005
%RSD	.67512	.75197	23.090	114.54	3.0780	7.2675	12.336

#1	.01002	178.46	-.00337	-.00003	1310.9	.00119	.00045
#2	.00993	176.58	-.00243	-.00029	1255.1	.00108	.00037

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 59.871	.00186	F .61749	F 146.25	F .90993	F -.05223	-.00156
Stddev	.490	.00009	.00281	.02	.01090	.00052	.00254
%RSD	.81818	4.6373	.45427	.01142	1.1974	1.0017	162.65

#1	60.218	.00192	.61550	146.23	.91764	-.05186	.00023
#2	59.525	.00180	.61947	146.26	.90223	-.05260	-.00336

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	F .21701	F .0924	F 1.0981	F 7.6564	F 5.3345		
Stddev	.00319	.0065	.0095	.0649	.5189		
%RSD	1.4688	7.042	.86788	.84796	9.7265		

#1	.21476	.0878	1.1048	7.6105	4.9676		
#2	.21926	.0970	1.0914	7.7023	5.7013		

Sample Name: J4930-09 Acquired: 9/20/2018 15:25:37 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1670.9	38162.	3836.0	97.163	2350.6
Stddev	6.6	195.	34.4	.091	2.3
%RSD	.39733	.51013	.89661	.09334	.09724
#1	1675.6	38300.	3811.7	97.099	2349.0
#2	1666.2	38025.	3860.4	97.228	2352.2

Sample Name: CCV03 Acquired: 9/20/2018 15:29:45 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8113	4.7381	4.6536	4.8563	4.8925	9.9556	9.8024
Stddev	.0117	.0078	.0012	.0166	.0170	.0478	.0249
%RSD	.24286	.16574	.02471	.34231	.34769	.47961	.25423

#1	4.8030	4.7325	4.6528	4.8681	4.9045	9.9219	9.7847
#2	4.8196	4.7436	4.6544	4.8446	4.8805	9.9894	9.8200

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23442	2.3239	23.405	.95339	2.3387	1.2253	4.7786
Stddev	.00044	.0001	.002	.00066	.0047	.0022	.0831
%RSD	.18721	.00244	.00919	.06972	.20060	.17638	1.7382

#1	.23411	2.3239	23.404	.95292	2.3420	1.2268	4.8373
#2	.23473	2.3238	23.407	.95386	2.3353	1.2238	4.7199

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3916	23.108	2.3401	1.1819	25.453	2.3919	2.3177
Stddev	.0024	.151	.0026	.0022	.013	.0020	.0278
%RSD	.10177	.65336	.11154	.18599	.05086	.08518	1.1971

#1	2.3933	23.001	2.3383	1.1804	25.462	2.3905	2.3373
#2	2.3899	23.215	2.3420	1.1835	25.444	2.3933	2.2981

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.606	4.8564	4.7682	4.7403	4.5002	4.6259	4.7932
Stddev	.134	.0068	.0277	.0154	.0158	.0046	.0066
%RSD	.54346	.13969	.58043	.32522	.35204	.10052	.13844

#1	24.512	4.8612	4.7487	4.7294	4.4890	4.6292	4.7885
#2	24.701	4.8516	4.7878	4.7512	4.5114	4.6226	4.7979

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F 4.4635	4.802	4.8186	F 2.9721	F 2.7531
Stddev	.0240	.007	.0121	.0942	.0722
%RSD	.53759	.1550	.25081	3.1703	2.6221

#1	4.4465	4.797	4.8101	2.9055	2.7021
#2	4.4804	4.807	4.8272	3.0387	2.8042

Sample Name: CCV03 Acquired: 9/20/2018 15:29:45 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1822.6	42751.	3942.2	98.468	2797.0
Stddev	9.9	103.	8.3	1.562	12.8
%RSD	.54275	.24117	.21021	1.5860	.45595
#1	1815.6	42678.	3948.1	97.364	2787.9
#2	1829.6	42824.	3936.3	99.572	2806.0

Sample Name: CCB03 Acquired: 9/20/2018 15:33:32 Type: Unk
Method: P4-ICP2(v2444) 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	-.00141	-.00094	-.00189	-.00444	-.00335	.01168	-.00074
Stddev	.00046	.00121	.00084	.00125	.00300	.00559	.00004
%RSD	32.465	128.40	44.508	28.134	89.623	47.853	5.9417

#1	-.00173	-.00180	-.00249	-.00356	-.00547	.01563	-.00078
#2	-.00109	-.00009	-.00130	-.00532	-.00123	.00773	-.00071

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.00003	.00582	-.00033	-.00026	-.00005	-.00248
Stddev	.00006	.00005	.01262	.00003	.00033	.00011	.00990
%RSD	112.26	163.11	216.73	7.8150	125.43	200.35	398.63

#1	.00010	-.00000	.01475	-.00035	-.00049	.00002	-.00949
#2	.00001	.00007	-.00310	-.00031	-.00003	-.00013	.00452

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.01317	.00065	-.00002	F 2.9001	-.00013	.00006
Stddev	.00002	.00724	.00004	.00023	.0335	.00059	.00004
%RSD	115.96	54.954	5.7484	1069.4	1.1538	451.64	77.138

#1	.00003	.01829	.00068	.00014	2.9238	.00029	.00009
#2	.00000	.00805	.00062	-.00019	2.8764	-.00055	.00003

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.44898	.00045	.01725	.00291	-.00726	-.00058	-.00009
Stddev	.00685	.00022	.00417	.00523	.00101	.00024	.00117
%RSD	1.5251	48.635	24.157	179.72	13.873	41.303	1253.8

#1	.44414	.00060	.01430	-.00079	-.00655	-.00041	-.00092
#2	.45382	.00029	.02020	.00661	-.00797	-.00074	.00074

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .00965	-.0035	-.00006	F .78149	F 1.2739
Stddev	.01005	.0033	.00001	.23302	.6725
%RSD	104.18	92.16	23.547	29.817	52.790

#1	.01676	-.0059	-.00007	.94626	1.7494
#2	.00254	-.0012	-.00005	.61673	.79836

Sample Name: CCB03 Acquired: 9/20/2018 15:33:32 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1895.3	44408.	3995.2	102.38	3146.1
Stddev	11.7	45.	4.0	2.99	11.9
%RSD	.61862	.10170	.10048	2.9160	.37806
#1	1887.0	44376.	3992.4	100.27	3137.7
#2	1903.6	44440.	3998.1	104.49	3154.5

Sample Name: J4930-10 Acquired: 9/20/2018 15:37:37 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00174	-.00301	.00240	-.00289	-.00543	-.03591	.02323
Stddev	.00334	.00048	.00130	.00334	.00035	.00373	.00011
%RSD	191.78	15.789	54.187	115.27	6.4255	10.388	.46582

#1	.00411	-.00268	.00333	-.00054	-.00568	-.03327	.02331
#2	-.00062	-.00335	.00148	-.00525	-.00518	-.03854	.02315

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	-.00040	F 71.124	-.00206	.00001	.00223	-.01322
Stddev	.00009	.00011	2.320	.00003	.00021	.00009	.00845
%RSD	71.566	27.229	3.2619	1.6003	2530.0	3.8386	63.955

#1	.00019	-.00048	72.765	-.00204	-.00014	.00217	-.00724
#2	.00006	-.00032	69.484	-.00208	.00016	.00229	-.01919

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .00966	F 172.95	-.00224	.00008	F 1253.0	.00014	.00064
Stddev	.00011	4.17	.00017	.00020	45.0	.00095	.00008
%RSD	1.1641	2.4129	7.5619	256.23	3.5940	674.16	12.484

#1	.00974	175.90	-.00212	.00022	1284.9	.00082	.00069
#2	.00958	170.00	-.00236	-.00006	1221.2	-.00053	.00058

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 58.061	.00158	F .60111	F 145.01	F .88448	F -.05055	-.00248
Stddev	1.675	.00005	.02606	.00	.01933	.00108	.00291
%RSD	2.8841	3.1823	4.3353	.00187	2.1859	2.1430	117.56

#1	59.245	.00154	.61953	145.01	.89816	-.04979	-.00454
#2	56.877	.00161	.58268	145.00	.87081	-.05132	-.00042

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	F .21759	F .0909	F 1.0614	F 6.9622	F 5.2027		
Stddev	.00404	.0029	.0340	.0273	.1445		
%RSD	1.8554	3.141	3.1988	.39226	2.7772		

#1	.22044	.0930	1.0854	6.9815	5.3049		
#2	.21473	.0889	1.0374	6.9429	5.1005		

Sample Name: J4930-10 Acquired: 9/20/2018 15:37:37 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1698.2	38780.	3977.8	99.551	2385.7
Stddev	4.7	174.	85.9	3.542	5.9
%RSD	.27775	.44931	2.1596	3.5577	.24697
#1	1701.6	38657.	3917.1	97.047	2389.9
#2	1694.9	38903.	4038.6	102.06	2381.6

Sample Name: J4930-11 Acquired: 9/20/2018 15:41:44 Type: Unk
Method: P4-ICP2(v2444) 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	F .00840	-.00110	F .00459	-.00397	-.00511	-.04434	.02424
Stddev	.00334	.00510	.00070	.00156	.00076	.00050	.00043
%RSD	39.762	464.87	15.249	39.402	14.774	1.1336	1.7688

#1	.01076	.00251	.00410	-.00286	-.00458	-.04398	.02454
#2	.00604	-.00470	.00509	-.00507	-.00565	-.04469	.02394

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	-.00047	F 82.476	-.00157	.00036	.00266	-.02552
Stddev	.00002	.00008	.352	.00050	.00036	.00010	.00615
%RSD	33.107	16.443	.42626	32.076	99.474	3.6228	24.114

#1	.00005	-.00052	82.724	-.00193	.00061	.00272	-.02987
#2	.00008	-.00041	82.227	-.00122	.00011	.00259	-.02116

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .02659	F 214.18	-.00305	.00034	F 1468.7	.00105	.00059
Stddev	.00006	.10	.00011	.00066	3.3	.00063	.00006
%RSD	.21376	.04721	3.5303	194.45	.22526	59.602	10.874

#1	.02655	214.11	-.00297	-.00013	1471.1	.00149	.00063
#2	.02663	214.25	-.00312	.00081	1466.4	.00061	.00054

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 71.671	.00158	F .74204	F 178.57	F .93411	F -.06296	-.00401
Stddev	.339	.00018	.00578	2.24	.00084	.00056	.00356
%RSD	.47329	11.095	.77887	1.2543	.09006	.88360	88.825

#1	71.911	.00171	.73795	180.15	.93470	-.06335	-.00653
#2	71.431	.00146	.74613	176.99	.93351	-.06257	-.00149

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	F .27406	F .1017	F 1.2944	F 7.3964	F 5.0814		
Stddev	.00759	.0025	.0042	.2176	.5247		
%RSD	2.7698	2.502	.32582	2.9414	10.325		

#1	.27943	.1035	1.2974	7.5502	4.7104		
#2	.26870	.0999	1.2915	7.2425	5.4524		

Sample Name: J4930-11 Acquired: 9/20/2018 15:41:44 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1673.0	38233.	3923.2	97.663	2323.3
Stddev	12.0	32.	13.8	1.039	15.9
%RSD	.71813	.08441	.35187	1.0638	.68465
#1	1664.5	38211.	3913.4	96.928	2312.0
#2	1681.5	38256.	3933.0	98.398	2334.5

Sample Name: J4930-12 Acquired: 9/20/2018 15:45:51 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00068	.00054	F .00310	-.00445	-.00495	-.04476	.02293
Stddev	.00100	.00084	.00081	.00437	.00135	.00226	.00153
%RSD	146.19	155.06	26.149	98.327	27.361	5.0487	6.6525

#1	-.00002	.00114	.00367	-.00754	-.00399	-.04316	.02185
#2	.00138	-.00005	.00253	-.00136	-.00591	-.04636	.02401

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00025	-.00053	F 81.373	-.00152	.00018	.00256	-.01823
Stddev	.00010	.00007	4.255	.00003	.00028	.00013	.01693
%RSD	39.220	13.631	5.2294	1.9844	157.76	5.0955	92.885

#1	.00018	-.00058	78.364	-.00150	.00038	.00246	-.00626
#2	.00032	-.00048	84.382	-.00154	-.00002	.00265	-.03020

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .02480	F 208.55	-.00319	.00009	F 1436.7	.00072	.00065
Stddev	.00010	10.64	.00023	.00014	51.6	.00138	.00004
%RSD	.39010	5.1010	7.3119	160.92	3.5930	191.30	6.2168

#1	.02487	201.02	-.00302	-.00001	1400.2	-.00025	.00063
#2	.02473	216.07	-.00335	.00019	1473.2	.00170	.00068

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 70.598	.00157	F .72102	F 178.89	F .91282	F -.06287	-.00247
Stddev	3.689	.00037	.03179	.37	.04941	.00066	.00206
%RSD	5.2254	23.775	4.4097	.20495	5.4132	1.0457	83.526

#1	67.990	.00183	.69853	179.15	.87788	-.06240	-.00101
#2	73.207	.00130	.74350	178.64	.94775	-.06333	-.00393

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	F .26028	F .1017	F 1.2684	F 7.5578	F 4.8489		
Stddev	.01399	.0010	.0696	.2960	1.1118		
%RSD	5.3753	1.013	5.4892	3.9161	22.929		

#1	.25039	.1009	1.2192	7.3485	4.0628		
#2	.27017	.1024	1.3176	7.7671	5.6351		

Sample Name: J4930-12 Acquired: 9/20/2018 15:45:51 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1668.6	37907.	3966.4	100.58	2320.1
Stddev	2.8	99.	172.9	4.10	.9
%RSD	.16692	.26149	4.3597	4.0762	.03979
#1	1670.5	37977.	4088.7	103.48	2319.4
#2	1666.6	37837.	3844.1	97.680	2320.7

Sample Name: J4930-13 Acquired: 9/20/2018 15:49:57 Type: Unk
Method: P4-ICP2(v2444) 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	.00342	-.00105	.00290	-.00364	-.00525	-.06979	.02334
Stddev	.00160	.00036	.00154	.00009	.00313	.01080	.00003
%RSD	46.903	34.270	53.074	2.6069	59.585	15.472	.12331

#1	.00228	-.00130	.00181	-.00371	-.00304	-.07742	.02336
#2	.00455	-.00079	.00399	-.00357	-.00746	-.06215	.02332

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	-.00042	F 82.800	-.00235	.00018	.00219	-.01908
Stddev	.00011	.00013	.568	.00083	.00024	.00010	.01045
%RSD	147.58	31.374	.68616	35.348	131.67	4.7288	54.764

#1	.00015	-.00033	82.398	-.00294	.00035	.00212	-.02647
#2	-.00000	-.00052	83.201	-.00176	.00001	.00227	-.01169

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .02130	F 214.42	-.00271	.00014	F 1458.6	.00096	.00040
Stddev	.00009	.43	.00073	.00070	.0	.00016	.00010
%RSD	.42567	.20212	26.934	492.92	.00310	17.128	25.606

#1	.02123	214.73	-.00323	-.00035	1458.6	.00084	.00033
#2	.02136	214.12	-.00219	.00064	1458.6	.00108	.00047

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 72.218	.00198	F .76170	F 179.84	F .95785	F -.06390	-.00187
Stddev	.564	.00019	.00244	1.42	.01523	.00108	.00022
%RSD	.78065	9.4364	.32063	.78782	1.5903	1.6961	11.755

#1	71.819	.00211	.75997	180.84	.94708	-.06313	-.00171
#2	72.616	.00184	.76342	178.84	.96862	-.06467	-.00202

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	F .26363	F .1029	F 1.3011	F 7.2721	F 5.2434		
Stddev	.01029	.0012	.0133	.0073	.1698		
%RSD	3.9015	1.136	1.0253	.10063	3.2377		

#1	.25636	.1037	1.2916	7.2669	5.1233		
#2	.27090	.1020	1.3105	7.2772	5.3634		

Sample Name: J4930-13 Acquired: 9/20/2018 15:49:57 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1661.3	37924.	3864.0	95.197	2309.8
Stddev	7.5	60.	19.3	.235	14.0
%RSD	.45280	.15701	.49863	.24644	.60477
#1	1655.9	37966.	3877.7	95.031	2299.9
#2	1666.6	37882.	3850.4	95.363	2319.7

Sample Name: J4930-14 Acquired: 9/20/2018 15:54:04 Type: Unk
Method: P4-ICP2(v2444) 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	.00376	-.00055	F .00367	.00018	-.00414	-.06520	.02401
Stddev	.00270	.00011	.00247	.00132	.00209	.02034	.00048
%RSD	71.718	19.259	67.345	732.43	50.381	31.196	2.0053

#1	.00567	-.00062	.00192	-.00075	-.00267	-.05081	.02367
#2	.00185	-.00047	.00542	.00111	-.00562	-.07958	.02435

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	-.00050	F 83.374	-.00191	.00018	.00192	-.02436
Stddev	.00018	.00001	.467	.00025	.00031	.00034	.00814
%RSD	424.09	1.8154	.56041	13.296	171.64	17.871	33.413

#1	.00017	-.00049	83.044	-.00173	.00040	.00167	-.03011
#2	-.00009	-.00050	83.705	-.00209	-.00004	.00216	-.01860

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01972	F 215.34	-.00308	-.00022	F 1475.4	.00111	.00088
Stddev	.00002	.56	.00079	.00004	13.3	.00023	.00006
%RSD	.11451	.26086	25.602	19.773	.90264	20.862	6.5900

#1	.01974	214.94	-.00252	-.00025	1466.0	.00128	.00092
#2	.01971	215.74	-.00364	-.00019	1484.8	.00095	.00084

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 72.691	.00181	F .74896	F 180.27	F .93581	F -.06342	-.00269
Stddev	.501	.00026	.00153	.14	.01136	.00057	.00310
%RSD	.68927	14.235	.20377	.07688	1.2137	.89704	115.13

#1	72.337	.00162	.75004	180.37	.92778	-.06382	-.00489
#2	73.046	.00199	.74788	180.17	.94384	-.06302	-.00050

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	F .27309	F .1018	F 1.3091	F 7.9407	F 5.7473		
Stddev	.00036	.0008	.0073	.1619	.0217		
%RSD	.13346	.7418	.55728	2.0392	.37685		

#1	.27283	.1012	1.3039	7.8262	5.7626		
#2	.27334	.1023	1.3142	8.0552	5.7320		

Sample Name: J4930-14 Acquired: 9/20/2018 15:54:04 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1657.8	37843.	3862.6	96.120	2302.2
Stddev	2.0	53.	34.4	1.712	5.0
%RSD	.11995	.13889	.89115	1.7811	.21517
#1	1659.2	37881.	3887.0	94.909	2298.7
#2	1656.4	37806.	3838.3	97.331	2305.7

Sample Name: PB113070BL Acquired: 9/20/2018 15:58:10 Type: Unk
Method: P4-ICP2(v2444) 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	-.00252	.00091	-.00229	-.00567	-.00231	.00013	-.00061
Stddev	.00352	.00054	.00048	.00013	.00002	.01336	.00084
%RSD	139.71	58.693	20.884	2.3420	.78310	10076.	137.88

#1	-.00003	.00129	-.00263	-.00576	-.00229	.00958	-.00120
#2	-.00501	.00054	-.00195	-.00558	-.00232	-.00931	-.00002

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.00008	-.01531	-.00025	-.00007	-.00002	.00296
Stddev	.00011	.00013	.00028	.00049	.00015	.00061	.00362
%RSD	239.83	148.33	1.8005	191.47	213.75	2989.1	122.41

#1	.00012	.00000	-.01511	.00009	-.00018	-.00045	.00551
#2	-.00003	-.00017	-.01550	-.00060	.00004	.00041	.00040

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	.00096	.00056	-.00014	F 5.1887	-.00082	-.00006
Stddev	.00001	.01907	.00025	.00005	.1163	.00061	.00007
%RSD	14.619	1979.8	45.227	37.159	2.2409	73.753	121.68

#1	-.00005	-.01252	.00073	-.00018	5.2709	-.00125	-.00011
#2	-.00006	.01445	.00038	-.00010	5.1064	-.00039	-.00001

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .77411	-.00019	.00527	F .00970	-.00684	-.00034	.00001
Stddev	.02509	.00040	.00061	.00326	.00140	.00081	.00103
%RSD	3.2417	208.99	11.569	33.561	20.529	240.31	9120.5

#1	.79186	-.00048	.00484	.01200	-.00784	.00023	.00074
#2	.75637	.00009	.00570	.00740	-.00585	-.00091	-.00072

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .02610	-.0015	-.00002	F 1.2776	F 1.0853
Stddev	.00187	.0027	.00012	.1891	.2092
%RSD	7.1645	183.9	747.05	14.797	19.274

#1	.02478	.0004	-.00010	1.1440	.93739
#2	.02743	-.0034	.00007	1.4113	1.2332

Sample Name: PB113070BL Acquired: 9/20/2018 15:58:10 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1886.0	44305.	3982.1	100.81	3134.8
Stddev	5.0	68.	37.1	.64	6.4
%RSD	.26690	.15423	.93089	.63393	.20476
#1	1882.5	44257.	3955.9	100.36	3130.3
#2	1889.6	44354.	4008.3	101.26	3139.3

Sample Name: PB113070BS Acquired: 9/20/2018 16:02:14 Type: Unk
Method: P4-ICP2(v2444) 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	.82165	2.0065	.96726	2.0458	.83212	2.1375	.21723
Stddev	.00425	.0023	.00175	.0066	.00020	.0049	.00130
%RSD	.51756	.11623	.18062	.32148	.02446	.22807	.59786

#1	.82466	2.0082	.96849	2.0504	.83227	2.1341	.21815
#2	.81865	2.0049	.96602	2.0411	.83198	2.1410	.21631

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18689	.19358	1.0627	.41293	.19320	.31909	3.0662
Stddev	.00005	.00000	.0077	.00103	.00026	.00037	.0152
%RSD	.02482	.00013	.72785	.24837	.13477	.11532	.49489

#1	.18692	.19358	1.0682	.41221	.19338	.31935	3.0769
#2	.18685	.19358	1.0572	.41366	.19302	.31883	3.0554

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21210	1.9971	.48149	.07094	F 5.1455	.31602	.19454
Stddev	.00040	.0835	.00178	.00024	.0032	.00007	.00368
%RSD	.18802	4.1837	.37006	.33715	.06114	.02230	1.8914

#1	.21238	2.0561	.48275	.07111	5.1433	.31607	.19714
#2	.21182	1.9380	.48023	.07077	5.1478	.31597	.19194

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.633	.44140	.32162	F -.00287	.88648	.66016	.21350
Stddev	.042	.00015	.01138	.00297	.02439	.00077	.00529
%RSD	.39911	.03351	3.5377	103.32	2.7513	.11601	2.4779

#1	10.663	.44151	.31357	-.00077	.90373	.66070	.21724
#2	10.603	.44130	.32967	-.00497	.86923	.65961	.20976

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	F 1.8801	5.198	.20320	F 1.5723	F<.00000		
Stddev	.0013	.004	.00223	.7064	.12158		
%RSD	.06748	.0705	1.0960	44.926	21.676		

#1	1.8792	5.201	.20477	1.0729	-.47490		
#2	1.8810	5.196	.20162	2.0718	-.64684		

Sample Name: PB113070BS Acquired: 9/20/2018 16:02:14 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1841.4	44023.	3999.9	102.31	3057.3
Stddev	8.4	95.	60.8	2.21	13.3
%RSD	.45847	.21530	1.5188	2.1577	.43356
#1	1835.5	43956.	3956.9	100.75	3047.9
#2	1847.4	44090.	4042.8	103.88	3066.6

Sample Name: PB113070TB Acquired: 9/20/2018 16:06:05 Type: Unk
Method: P4-ICP2(v2444) 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	-.00757	-.00175	-.00138	-.00071	-.00202	-.00196	-.00123
Stddev	.00154	.00141	.00037	.00188	.00139	.00389	.00113
%RSD	20.295	80.450	26.938	265.90	68.528	198.17	92.050

#1	-.00865	-.00076	-.00165	.00062	-.00300	-.00471	-.00202
#2	-.00648	-.00275	-.00112	-.00203	-.00104	.00079	-.00043

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.00020	.01035	.00040	-.00030	.00041	.00148
Stddev	.00003	.00005	.01020	.00003	.00004	.00029	.00043
%RSD	110.85	25.560	98.530	8.1685	12.757	70.800	28.815

#1	-.00001	-.00016	.00314	.00037	-.00033	.00062	.00179
#2	-.00005	-.00023	.01756	.00042	-.00027	.00021	.00118

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	-.03019	.00114	-.00019	F 310.68	-.00027	.00283
Stddev	.00003	.00019	.00001	.00017	2.13	.00023	.00011
%RSD	26.921	.63289	.97329	90.021	.68439	85.451	3.9685

#1	.00009	-.03006	.00115	-.00007	312.19	-.00044	.00291
#2	.00014	-.03033	.00113	-.00032	309.18	-.00011	.00275

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24881	.00035	.01110	.00654	.00072	.00315	.00066
Stddev	.01866	.00015	.00381	.00130	.00199	.00017	.00048
%RSD	7.5008	41.157	34.354	19.806	274.46	5.5375	73.237

#1	.23561	.00046	.01379	.00562	.00213	.00327	.00032
#2	.26200	.00025	.00840	.00746	-.00068	.00302	.00100

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	-.00554	-.0021	.00002	F 3.0532	F 2.2758		
Stddev	.01204	.0002	.00005	.3423	.1779		
%RSD	217.47	9.489	208.16	11.212	7.8177		

#1	-.01405	-.0019	-.00001	3.2953	2.1500		
#2	.00298	-.0022	.00006	2.8112	2.4016		

Sample Name: PB113070TB Acquired: 9/20/2018 16:06:05 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1748.2	41308.	3971.4	98.153	2707.6
Stddev	7.5	59.	22.6	2.657	10.4
%RSD	.43040	.14197	.56838	2.7075	.38256
#1	1742.9	41350.	3955.4	96.274	2700.3
#2	1753.5	41267.	3987.4	100.03	2715.0

Sample Name: PB113069BL Acquired: 9/20/2018 16:10:15 Type: Unk
Method: P4-ICP2(v2444) 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	-.00325	-.00122	-.00237	-.00091	-.00375	.01335	-.00055
Stddev	.00041	.00066	.00090	.00125	.00006	.01297	.00028
%RSD	12.690	53.846	38.153	137.13	1.4907	97.119	50.874

#1	-.00354	-.00168	-.00173	-.00003	-.00371	.00418	-.00075
#2	-.00296	-.00075	-.00300	-.00180	-.00379	.02252	-.00035

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	-.00018	-.02021	-.00004	-.00037	.00061	-.00775
Stddev	.00012	.00001	.00787	.00039	.00017	.00080	.01657
%RSD	120.22	5.8586	38.961	998.08	46.306	129.97	213.71

#1	.00018	-.00017	-.01464	-.00031	-.00049	.00005	.00396
#2	.00001	-.00019	-.02578	.00024	-.00025	.00118	-.01947

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	.01481	.00088	-.00021	F 1.4407	-.00041	-.00005
Stddev	.00003	.01688	.00035	.00046	.0103	.00045	.00002
%RSD	37.937	113.97	39.217	221.63	.71588	108.12	41.041

#1	-.00005	.02675	.00064	-.00054	1.4334	-.00073	-.00004
#2	-.00009	.00288	.00113	.00012	1.4480	-.00010	-.00007

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20193	.00013	.00674	-.00042	-.00849	.00001	.00008
Stddev	.04323	.00003	.01010	.00135	.00057	.00031	.00034
%RSD	21.407	21.432	149.84	318.47	6.6595	2129.8	413.15

#1	.17137	.00011	-.00040	.00053	-.00889	-.00021	-.00016
#2	.23250	.00015	.01388	-.00138	-.00809	.00024	.00032

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00466	-.0013	.00006	F 1.2460	F 1.0049
Stddev	.00023	.0024	.00015	.3317	1.1513
%RSD	4.9311	182.0	244.04	26.625	114.56

#1	-.00450	.0004	.00017	1.4805	1.8190
#2	-.00482	-.0030	-.00004	1.0114	.19088

Sample Name: PB113069BL Acquired: 9/20/2018 16:10:15 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1889.1	44296.	3955.5	100.50	3129.4
Stddev	10.7	131.	7.3	.50	15.5
%RSD	.56684	.29653	.18429	.49414	.49537
#1	1881.5	44203.	3950.4	100.14	3118.4
#2	1896.6	44389.	3960.7	100.85	3140.3

Sample Name: PB113069BS Acquired: 9/20/2018 16:19:59 Type: Unk
Method: P4-ICP2(v2444) 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	.81457	2.0055	.97192	2.0317	.82869	2.1120	.21630
Stddev	.00720	.0094	.00021	.0062	.00087	.0295	.00002
%RSD	.88341	.46907	.02160	.30717	.10458	1.3958	.01155

#1	.81966	2.0121	.97177	2.0361	.82930	2.0912	.21632
#2	.80948	1.9988	.97207	2.0273	.82808	2.1329	.21629

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18806	.19394	1.0617	.41725	.19415	.31863	3.1562
Stddev	.00065	.00077	.0031	.00283	.00057	.00146	.0330
%RSD	.34334	.39776	.29173	.67747	.29382	.45881	1.0461

#1	.18761	.19448	1.0595	.41525	.19455	.31967	3.1328
#2	.18852	.19339	1.0639	.41925	.19374	.31760	3.1795

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21382	2.0331	.48299	.07179	F 3.9279	.31743	.20275
Stddev	.00010	.0285	.00096	.00019	.0058	.00022	.00152
%RSD	.04449	1.4002	.19811	.27095	.14659	.07050	.74917

#1	.21375	2.0130	.48367	.07193	3.9238	.31759	.20382
#2	.21389	2.0533	.48232	.07166	3.9319	.31727	.20168

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.467	.44149	.31762	F -.00570	.91038	.66364	.21328
Stddev	.009	.00185	.00143	.00172	.02106	.00303	.00127
%RSD	.08892	.41833	.44942	30.265	2.3129	.45691	.59331

#1	10.460	.44280	.31863	-.00692	.92527	.66579	.21418
#2	10.474	.44019	.31661	-.00448	.89549	.66150	.21239

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F 1.8601	5.189	.20406	F 1.2009	F<.00000
Stddev	.0026	.034	.00230	.0532	.62622
%RSD	.13716	.6469	1.1249	4.4287	96.087

#1	1.8619	5.213	.20569	1.2385	-.20891
#2	1.8583	5.165	.20244	1.1633	-1.0945

Sample Name: PB113069BS Acquired: 9/20/2018 16:19:59 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1842.4	43825.	3949.6	98.995	3056.4
Stddev	12.9	44.	59.9	1.185	20.0
%RSD	.69909	.09937	1.5165	1.1966	.65378
#1	1833.3	43794.	3907.2	98.157	3042.2
#2	1851.5	43856.	3991.9	99.833	3070.5

Sample Name: CCB05 Acquired: 9/20/2018 17:24:15 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00125	.00048	-.00222	-.00241	-.00156	-.00588	.00035
Stddev	.00625	.00057	.00091	.00117	.00054	.00329	.00061
%RSD	500.95	119.75	40.964	48.474	34.655	55.886	175.23

#1	-.00567	.00088	-.00286	-.00158	-.00194	-.00820	-.00008
#2	.00317	.00007	-.00158	-.00323	-.00118	-.00356	.00078

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	.00001	-.00116	-.00059	-.00028	-.00007	.01124
Stddev	.00001	.00006	.02875	.00067	.00014	.00015	.01549
%RSD	10.131	490.57	2480.5	112.93	49.338	211.22	137.82

#1	.00008	-.00003	.01917	-.00012	-.00038	-.00017	.00029
#2	.00010	.00005	-.02149	-.00107	-.00018	.00003	.02219

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	.02427	.00040	-.00007	.25356	-.00046	-.00006
Stddev	.00006	.03554	.00008	.00002	.00176	.00025	.00005
%RSD	100.38	146.42	20.739	28.012	.69520	54.084	81.202

#1	-.00010	.04940	.00034	-.00006	.25480	-.00063	-.00010
#2	-.00002	-.00086	.00046	-.00009	.25231	-.00028	-.00003

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02108	.00045	.01286	-.00095	-.00515	-.00025	.00147
Stddev	.00103	.00010	.00794	.00072	.00565	.00011	.00117
%RSD	4.8873	21.883	61.758	76.000	109.67	43.681	79.665

#1	.02181	.00038	.00724	-.00146	-.00914	-.00017	.00230
#2	.02035	.00052	.01848	-.00044	-.00116	-.00033	.00064

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	F -.03067	-.0024	.00001	F .91065	F .76862		
Stddev	.00127	.0025	.00008	.64354	.22998		
%RSD	4.1413	103.4	1464.6	70.668	29.921		

#1	-.03157	-.0042	.00006	1.3657	.93124		
#2	-.02977	-.0006	-.00005	.45560	.60600		

Sample Name: CCB05 Acquired: 9/20/2018 17:24:15 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1898.7	44139.	3956.9	99.097	3144.5
Stddev	14.8	51.	27.0	3.022	28.5
%RSD	.77705	.11516	.68273	3.0493	.90478
#1	1888.3	44103.	3976.0	101.23	3124.4
#2	1909.1	44175.	3937.8	96.961	3164.6

Sample Name: CCV04 Acquired: 9/20/2018 16:23:49 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8328	4.7443	4.6866	4.9139	4.9065	9.9985	9.7905
Stddev	.0139	.0061	.0048	.0139	.0098	.0617	.0014
%RSD	.28843	.12887	.10336	.28305	.19961	.61759	.01476

#1	4.8427	4.7486	4.6900	4.9237	4.9134	10.042	9.7915
#2	4.8229	4.7400	4.6832	4.9041	4.8995	9.9549	9.7895

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23838	2.3440	23.776	.97058	2.3591	1.2312	4.9163
Stddev	.00111	.0036	.056	.00205	.0022	.0016	.0363
%RSD	.46671	.15332	.23717	.21145	.09527	.12932	.73900

#1	.23916	2.3466	23.736	.97203	2.3607	1.2324	4.9420
#2	.23759	2.3415	23.816	.96912	2.3575	1.2301	4.8906

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4128	23.420	2.3688	1.1860	23.640	2.4057	2.3918
Stddev	.0020	.158	.0010	.0003	.039	.0009	.0262
%RSD	.08256	.67299	.04003	.02894	.16493	.03702	1.0966

#1	2.4114	23.308	2.3681	1.1858	23.668	2.4064	2.4104
#2	2.4142	23.531	2.3694	1.1862	23.613	2.4051	2.3733

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.068	4.8664	4.7713	4.7409	F 4.4816	4.7068	4.8408
Stddev	.067	.0123	.0402	.0052	.0005	.0030	.0065
%RSD	.27701	.25259	.84319	.11046	.01190	.06300	.13489

#1	24.020	4.8751	4.7429	4.7446	4.4812	4.7089	4.8362
#2	24.115	4.8577	4.7998	4.7372	4.4820	4.7047	4.8454

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F 4.4817	4.860	4.7802	F 2.8059	F 3.6257
Stddev	.0159	.013	.0447	.0354	.0282
%RSD	.35492	.2585	.93409	1.2615	.77751

#1	4.4705	4.869	4.8117	2.8310	3.6456
#2	4.4930	4.851	4.7486	2.7809	3.6057

Sample Name: CCV04 Acquired: 9/20/2018 16:23:49 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1841.6	42932.	3956.1	96.861	2816.0
Stddev	6.3	173.	17.3	1.178	8.1
%RSD	.33976	.40327	.43636	1.2158	.28652
#1	1837.2	42810.	3943.9	96.029	2810.3
#2	1846.0	43055.	3968.3	97.694	2821.7

Sample Name: CCB04 Acquired: 9/20/2018 16:36:07 Type: Unk
Method: P4-ICP2(v2444) 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	-.00159	-.00120	-.00195	-.00313	-.00277	.00025	-.00033
Stddev	.00093	.00014	.00170	.00152	.00133	.00166	.00023
%RSD	58.835	11.951	87.023	48.478	47.829	661.37	69.032

#1	-.00093	-.00110	-.00075	-.00420	-.00184	.00142	-.00017
#2	-.00225	-.00130	-.00315	-.00206	-.00371	-.00092	-.00049

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.00000	-.01285	-.00054	-.00018	.00011	.00330
Stddev	.00000	.00004	.01641	.00038	.00023	.00004	.00289
%RSD	13.271	2710.8	127.70	69.852	132.40	41.957	87.616

#1	.00001	.00003	-.00125	-.00027	-.00001	.00014	.00125
#2	.00001	-.00003	-.02445	-.00081	-.00034	.00007	.00534

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	.00388	.00088	-.00042	.46861	-.00079	-.00012
Stddev	.00002	.02619	.00077	.00007	.00554	.00007	.00009
%RSD	27.714	674.56	88.297	15.730	1.1827	9.2272	74.283

#1	-.00008	.02240	.00033	-.00037	.46469	-.00073	-.00018
#2	-.00005	-.01464	.00142	-.00046	.47252	-.00084	-.00006

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06863	.00008	.00998	-.00329	-.00619	-.00050	-.00071
Stddev	.06269	.00024	.00227	.00109	.00053	.00055	.00161
%RSD	91.342	303.82	22.795	33.035	8.6394	110.30	227.91

#1	.02430	.00025	.00837	-.00252	-.00656	-.00089	-.00185
#2	.11296	-.00009	.01158	-.00405	-.00581	-.00011	.00043

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	F -.01005	-.0039	-.00005	F 1.0162	F .62904		
Stddev	.00744	.0031	.00003	.3563	.07985		
%RSD	74.050	79.40	73.915	35.059	12.694		

#1	-.00479	-.0061	-.00007	1.2681	.57258		
#2	-.01531	-.0017	-.00002	.76429	.68551		

Sample Name: CCB04 Acquired: 9/20/2018 16:36:07 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1875.5	44019.	3939.2	99.486	3117.2
Stddev	12.2	133.	46.5	1.148	20.2
%RSD	.65303	.30224	1.1798	1.1544	.64779
#1	1866.9	43925.	3906.3	100.30	3103.0
#2	1884.2	44113.	3972.0	98.674	3131.5

Sample Name: J4982-01 Acquired: 9/20/2018 16:40:12 Type: Unk
Method: P4-ICP2(v2444) 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	-.00033	-.00156	.00013	-.00095	.00178	.16703	.40223	-.00012
Stddev	.00277	.00073	.00042	.00384	.00075	.00490	.00035	.00003
%RSD	834.51	46.745	319.87	403.72	42.258	2.9338	.08786	23.398

#1	.00163	-.00208	.00043	.00176	.00125	.16357	.40248	-.00013
#2	-.00229	-.00105	-.00016	-.00366	.00231	.17050	.40198	-.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	37.511	.00196	-.00019	.00401	.22143	.04379	2.8629
Stddev	.00012	.030	.00018	.00009	.00032	.00375	.00031	.0282
%RSD	84.341	.07997	8.9812	47.720	7.8766	1.6946	.71276	.98568

#1	-.00006	37.532	.00184	-.00026	.00423	.22408	.04357	2.8828
#2	-.00022	37.489	.00209	-.00013	.00379	.21878	.04401	2.8429

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00116	-.00049	21.414	.00385	.02427	52.904	.00714	.06285
Stddev	.00046	.00016	.091	.00070	.00013	.113	.00020	.00128
%RSD	39.872	32.544	.42699	18.171	.53177	.21425	2.7604	2.0384

#1	.00084	-.00060	21.478	.00335	.02436	52.984	.00728	.06195
#2	.00149	-.00038	21.349	.00434	.02417	52.824	.00700	.06376

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7480	4.8859	.00134	.00055	.18570	.0722	.50894	3.3376
Stddev	.0084	.0510	.00003	.00109	.00034	.0024	.00439	.5559
%RSD	.17695	1.0430	1.9003	196.59	.18551	3.363	.86268	16.655

#1	4.7539	4.8499	.00136	-.00022	.18545	.0740	.51204	3.7307
#2	4.7420	4.9220	.00132	.00133	.18594	.0705	.50583	2.9446

Elem	U_3859
Units	ppm
Avg	1.6408
Stddev	.6367
%RSD	38.806

#1	2.0910
#2	1.1906

Sample Name: J4982-01 Acquired: 9/20/2018 16:40:12 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1771.3	42032.	3905.6	97.951	2856.3
Stddev	15.2	73.	5.8	2.182	16.8
%RSD	.85880	.17437	.14955	2.2277	.58840
#1	1760.5	41981.	3901.5	96.408	2844.4
#2	1782.0	42084.	3909.8	99.494	2868.2

Sample Name: J4901-06 Acquired: 9/20/2018 16:44:13 Type: Unk
Method: P4-ICP2(v2444) 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	.00204	-.00028	.00485	-.00043	-.00471	-.05937	.02398	.00010
Stddev	.00064	.00295	.00277	.00251	.00096	.00610	.00053	.00008
%RSD	31.224	1058.5	57.118	589.48	20.298	10.273	2.2233	81.570

#1	.00249	.00181	.00289	-.00220	-.00404	-.05506	.02361	.00016
#2	.00159	-.00236	.00681	.00135	-.00539	-.06369	.02436	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00048	89.865	-.00103	.00038	.00247	-.01399	.00724	236.88
Stddev	.00020	.201	.00024	.00007	.00020	.00386	.00010	.06
%RSD	42.031	.22389	23.351	18.080	8.1762	27.606	1.4386	.02710

#1	-.00062	89.722	-.00120	.00043	.00233	-.01126	.00731	236.83
#2	-.00034	90.007	-.00086	.00033	.00261	-.01672	.00717	236.92

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00211	.00032	1658.5	.00094	.01251	79.521	.00154	.80469
Stddev	.00010	.00004	2.5	.00026	.00011	.010	.00020	.01253
%RSD	4.9546	12.247	.14797	27.196	.84089	.01270	12.804	1.5572

#1	-.00218	.00035	1660.3	.00076	.01259	79.514	.00168	.79583
#2	-.00203	.00029	1656.8	.00112	.01244	79.529	.00140	.81355

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	196.74	.93323	-.06932	-.00384	.30341	.1084	1.4145	7.1554
Stddev	1.01	.00208	.00176	.00005	.00650	.0023	.0005	.3354
%RSD	.51560	.22300	2.5385	1.2112	2.1432	2.114	.03793	4.6878

#1	196.02	.93471	-.06808	-.00381	.30801	.1100	1.4141	6.9182
#2	197.46	.93176	-.07056	-.00388	.29881	.1067	1.4149	7.3926

Elem	U_3859
Units	ppm
Avg	5.5197
Stddev	.4613
%RSD	8.3572

#1	5.8459
#2	5.1935

Sample Name: J4901-06 Acquired: 9/20/2018 16:44:13 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1697.6	38224.	3855.5	95.823	2336.3
Stddev	7.4	3.	16.1	.736	7.7
%RSD	.43475	.00666	.41795	.76783	.33108
#1	1702.8	38222.	3866.9	96.344	2341.8
#2	1692.4	38226.	3844.1	95.303	2330.9

Sample Name: J4771-04 Acquired: 9/20/2018 16:48:20 Type: Unk
Method: P4-ICP2(v2444) 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	-.00135	-.00373	.00880	-.00163	-.00301	.10950	.47294	.00026
Stddev	.00343	.00125	.00023	.00452	.00066	.01334	.00188	.00003
%RSD	255.19	33.504	2.6194	277.86	21.886	12.180	.39755	12.766

#1	.00108	-.00285	.00863	.00157	-.00254	.10007	.47161	.00024
#2	-.00377	-.00462	.00896	-.00483	-.00347	.11893	.47427	.00029

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00034	7.3935	.00201	.00454	.00638	.04036	.97900	2.7055
Stddev	.00004	.0055	.00028	.00009	.00008	.00712	.00097	.0309
%RSD	11.174	.07469	14.085	1.9792	1.2946	17.641	.09914	1.1408

#1	.00032	7.3974	.00221	.00460	.00643	.04539	.97832	2.6836
#2	.00037	7.3896	.00181	.00447	.00632	.03532	.97969	2.7273

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00526	.00001	295.31	-.00153	.05102	.62467	.00011	.01869
Stddev	.00015	.00029	.13	.00021	.00101	.02276	.00005	.00911
%RSD	2.7941	2627.6	.04300	13.632	1.9789	3.6428	43.134	48.722

#1	.00536	-.00019	295.40	-.00167	.05030	.60858	.00008	.02513
#2	.00515	.00022	295.22	-.00138	.05173	.64077	.00014	.01225

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.40409	.42123	.00352	.00068	-.01269	.0120	.08509	3.8987
Stddev	.00108	.00559	.00055	.00210	.00291	.0002	.00043	.0117
%RSD	.26743	1.3271	15.535	309.20	22.934	1.656	.50846	.30077

#1	.40333	.42518	.00314	.00217	-.01063	.0118	.08479	3.8904
#2	.40486	.41727	.00391	-.00081	-.01474	.0121	.08540	3.9070

Elem	U_3859
Units	ppm
Avg	2.7805
Stddev	.1026
%RSD	3.6881

#1	2.8531
#2	2.7080

Sample Name: J4771-04 Acquired: 9/20/2018 16:48:20 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1774.8	41619.	4006.1	100.45	2713.4
Stddev	4.7	7.	4.2	1.41	5.3
%RSD	.26367	.01773	.10494	1.4053	.19365
#1	1771.5	41614.	4009.1	101.45	2709.7
#2	1778.1	41624.	4003.2	99.450	2717.1

Sample Name: J4771-04DUP Acquired: 9/20/2018 16:52:29 Type: Unk
Method: P4-ICP2(v2444) 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	-.00407	-.00179	.00758	.00309	-.00206	.11009	.46808	.00016
Stddev	.00264	.00175	.00014	.00344	.00140	.00235	.00067	.00005
%RSD	64.858	97.556	1.8306	111.26	68.294	2.1367	.14274	34.044

#1	-.00593	-.00056	.00749	.00066	-.00106	.10843	.46855	.00012
#2	-.00220	-.00303	.00768	.00552	-.00305	.11175	.46761	.00020

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00029	7.4131	.00200	.00460	.00641	.03127	.97802	2.6873
Stddev	.00000	.0237	.00002	.00003	.00002	.00126	.00055	.0060
%RSD	.41378	.31970	1.2318	.63029	.34626	4.0369	.05661	.22231

#1	.00029	7.3963	.00201	.00462	.00639	.03217	.97841	2.6831
#2	.00029	7.4298	.00198	.00458	.00643	.03038	.97763	2.6916

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00446	-.00005	294.86	-.00166	.05101	.51641	.00036	.02553
Stddev	.00028	.00031	.53	.00071	.00132	.02658	.00001	.00808
%RSD	6.3417	669.39	.18045	42.665	2.5850	5.1467	2.3495	31.660

#1	.00466	-.00027	294.48	-.00116	.05194	.49762	.00037	.03124
#2	.00426	.00017	295.23	-.00216	.05008	.53521	.00036	.01981

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.39048	.41064	.00339	.00064	-.01721	.0072	.08530	3.4666
Stddev	.00783	.00103	.00071	.00029	.00391	.0014	.00028	.0878
%RSD	2.0055	.25103	21.039	45.256	22.719	19.80	.32385	2.5342

#1	.38494	.41137	.00390	.00085	-.01998	.0082	.08549	3.4045
#2	.39602	.40991	.00289	.00044	-.01445	.0062	.08510	3.5287

Elem	U_3859
Units	ppm
Avg	2.7077
Stddev	.5022
%RSD	18.547

#1	2.3526
#2	3.0628

Sample Name: J4771-04DUP Acquired: 9/20/2018 16:52:29 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1778.7	41763.	4040.5	100.17	2728.6
Stddev	1.8	147.	4.6	2.08	2.4
%RSD	.10339	.35237	.11482	2.0735	.08741
#1	1777.4	41659.	4043.8	98.704	2730.3
#2	1780.0	41867.	4037.2	101.64	2726.9

Sample Name: J4771-04LX5 Acquired: 9/20/2018 16:56:37 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00198	-.00052	-.00138	-.00397	-.00316	.02886	.09804	.00009
Stddev	.00325	.00079	.00028	.00427	.00002	.00011	.00076	.00002
%RSD	164.09	150.36	20.126	107.75	.77406	.37271	.77255	20.592

#1	.00032	-.00108	-.00118	-.00094	-.00318	.02878	.09858	.00011
#2	-.00428	.00003	-.00157	-.00699	-.00314	.02893	.09751	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	1.5342	-.00097	.00068	.00186	.01857	.20776	.59327
Stddev	.00017	.0197	.00005	.00054	.00007	.00505	.00035	.03819
%RSD	494.76	1.2842	5.4364	79.679	3.7072	27.203	.16674	6.4365

#1	.00008	1.5203	-.00093	.00030	.00191	.02214	.20751	.56627
#2	-.00015	1.5481	-.00100	.00106	.00181	.01500	.20800	.62027

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00101	-.00030	63.034	-.00081	.01146	.20805	-.00010	.00945
Stddev	.00047	.00005	.232	.00025	.00013	.02868	.00003	.00298
%RSD	46.129	16.272	.36875	30.813	1.1337	13.784	26.429	31.563

#1	.00134	-.00033	63.198	-.00099	.01137	.18777	-.00012	.00734
#2	.00068	-.00026	62.869	-.00063	.01155	.22833	-.00008	.01156

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08270	.07916	.00061	.00044	-.00903	.0003	.01763	1.1143
Stddev	.00392	.00033	.00064	.00052	.00849	.0011	.00005	.1960
%RSD	4.7422	.41306	103.94	118.94	94.033	347.9	.30414	17.592

#1	.07992	.07893	.00016	.00007	-.00302	-.0005	.01767	1.2530
#2	.08547	.07939	.00106	.00081	-.01503	.0011	.01759	.97572

Elem	U_3859
Units	ppm
Avg	.88808
Stddev	.38522
%RSD	43.377

#1	1.1605
#2	.61569

Sample Name: J4771-04LX5 Acquired: 9/20/2018 16:56:37 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1861.9	43612.	3997.7	99.867	2956.1
Stddev	9.4	31.	13.6	.916	11.8
%RSD	.50247	.07069	.34029	.91694	.39751
#1	1855.3	43634.	3988.0	100.51	2947.7
#2	1868.5	43590.	4007.3	99.219	2964.4

Sample Name: J4771-04MS Acquired: 9/20/2018 17:00:40 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.83926	1.9393	.97867	2.1362	.81136	2.2232	.67488	.19623	.20236
Stddev	.00373	.0072	.00620	.0193	.00208	.0118	.00012	.00021	.00102
%RSD	.44422	.37133	.63376	.90471	.25583	.53151	.01807	.10886	.50390

#1	.84189	1.9444	.98306	2.1499	.80990	2.2316	.67497	.19608	.20308
#2	.83662	1.9342	.97428	2.1226	.81283	2.2149	.67480	.19638	.20164

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.3899	.41210	.20056	.30405	3.2092	1.1648	4.6075	.49345	.07259
Stddev	.0049	.00146	.00176	.00281	.0138	.0020	.0852	.00280	.00010
%RSD	.05832	.35384	.87749	.92557	.43159	.17445	1.8487	.56804	.13141

#1	8.3864	.41107	.20180	.30604	3.1995	1.1634	4.6677	.49543	.07266
#2	8.3934	.41313	.19931	.30206	3.2190	1.1663	4.5472	.49147	.07252

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	299.64	.30949	.25196	10.832	.41764	.31949	.37787	1.2465	.67548
Stddev	1.38	.00176	.00403	.045	.00293	.01552	.00183	.0092	.00362
%RSD	.45990	.56989	1.5986	.41143	.70116	4.8570	.48370	.73582	.53581

#1	300.61	.30825	.24912	10.864	.41971	.30851	.37917	1.2400	.67804
#2	298.66	.31074	.25481	10.801	.41557	.33046	.37658	1.2530	.67292

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.20483	1.8356	5.886	.27961	3.7277	1.3236			
Stddev	.00216	.0108	.029	.00065	.0390	.9681			
%RSD	1.0550	.58850	.5020	.23209	1.0466	73.142			

#1	.20635	1.8433	5.907	.28007	3.7001	2.0082			
#2	.20330	1.8280	5.865	.27916	3.7553	.63905			

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306				
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S				
Avg	1759.8	41442.	3936.4	94.981	2700.9				
Stddev	8.4	2.	.1	1.348	13.6				
%RSD	.47533	.00409	.00204	1.4194	.50502				

#1	1753.9	41443.	3936.4	95.935	2691.3				
#2	1765.7	41440.	3936.5	94.028	2710.6				

Sample Name: J4771-04MSD Acquired: 9/20/2018 17:04:36 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.83674	1.9294	.97601	2.1129	.80635	2.2631	.66773	.19497	.20260
Stddev	.00158	.0045	.00229	.0050	.00073	.0046	.00296	.00004	.00014
%RSD	.18919	.23297	.23467	.23561	.09079	.20424	.44377	.02062	.06693

#1	.83562	1.9262	.97763	2.1164	.80584	2.2598	.66982	.19495	.20250
#2	.83786	1.9326	.97439	2.1094	.80687	2.2664	.66563	.19500	.20269

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.2814	.40920	.20005	.30106	3.1709	1.1584	4.5029	.49280	.07183
Stddev	.0412	.00135	.00031	.00033	.1032	.0011	.0528	.00156	.00030
%RSD	.49724	.33111	.15339	.10853	3.2550	.09766	1.1722	.31574	.42375

#1	8.3105	.41016	.20026	.30129	3.2438	1.1592	4.4656	.49390	.07161
#2	8.2523	.40825	.19983	.30082	3.0979	1.1576	4.5402	.49170	.07204

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	296.51	.30528	.25040	10.735	.41499	.31426	.36993	1.2221	.66776
Stddev	4.43	.00146	.00937	.051	.00133	.00341	.00454	.0026	.00215
%RSD	1.4927	.47799	3.7402	.47419	.31986	1.0845	1.2269	.20973	.32166

#1	299.64	.30424	.25702	10.771	.41592	.31185	.37314	1.2239	.66928
#2	293.38	.30631	.24378	10.699	.41405	.31667	.36672	1.2203	.66624

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.20520	1.8128	5.844	.27605	3.7685	2.0087			
Stddev	.00035	.0095	.027	.00058	.0309	.6532			
%RSD	.17159	.52141	.4616	.20934	.82084	32.516			

#1	.20545	1.8195	5.863	.27646	3.7904	2.4706			
#2	.20496	1.8061	5.825	.27564	3.7466	1.5469			

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306				
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S				
Avg	1781.0	41618.	3969.7	96.298	2723.4				
Stddev	10.3	144.	26.6	4.116	13.4				
%RSD	.57962	.34682	.67046	4.2744	.49272				

#1	1773.7	41516.	3950.8	93.388	2713.9				
#2	1788.3	41720.	3988.5	99.209	2732.9				

Sample Name: J4771-04A Acquired: 9/20/2018 17:08:33 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.84373	1.9346	.97904	2.1635	.81234	2.2809	.67388	.19594	.20289
Stddev	.00515	.0070	.00421	.0071	.00317	.0040	.00738	.00012	.00023
%RSD	.61054	.36340	.42974	.32650	.39070	.17606	1.0946	.06051	.11353

#1	.84738	1.9296	.97607	2.1685	.81459	2.2838	.66866	.19586	.20273
#2	.84009	1.9396	.98202	2.1585	.81010	2.2781	.67909	.19602	.20306

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.4699	.40859	.20036	.30481	3.1421	1.1663	4.6004	.49678	.07199
Stddev	.0157	.00327	.00067	.00034	.0139	.0018	.0497	.00001	.00029
%RSD	.18550	.79953	.33246	.11129	.44302	.15410	1.0800	.00222	.40602

#1	8.4810	.41090	.19989	.30457	3.1322	1.1675	4.5653	.49678	.07219
#2	8.4588	.40628	.20084	.30505	3.1519	1.1650	4.6355	.49679	.07178

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	300.02	.30837	.24891	10.914	.41794	.30990	.37860	1.2350	.67611
Stddev	1.05	.00015	.00060	.021	.00198	.00125	.00843	.0154	.00104
%RSD	.34873	.04805	.24247	.19460	.47474	.40369	2.2261	1.2426	.15315

#1	299.28	.30827	.24848	10.898	.41934	.30901	.37264	1.2242	.67538
#2	300.76	.30848	.24933	10.929	.41654	.31078	.38456	1.2459	.67685

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.20767	1.8508	5.907	.27829	4.3008	1.7537			
Stddev	.00075	.0028	.009	.00280	.1496	.4591			
%RSD	.36054	.15046	.1610	1.0071	3.4781	26.178			

#1	.20715	1.8489	5.901	.27631	4.1950	2.0783			
#2	.20820	1.8528	5.914	.28027	4.4065	1.4291			

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306				
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S				
Avg	1772.6	41387.	3956.9	96.934	2713.8				
Stddev	12.6	208.	12.4	.006	8.8				
%RSD	.71032	.50337	.31422	.00612	.32507				

#1	1763.7	41240.	3965.7	96.938	2707.6				
#2	1781.5	41534.	3948.1	96.930	2720.1				

Sample Name: J4956-01DLX2 Acquired: 9/20/2018 17:12:30 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00244	-.00223	-.00128	.00199	-.00214	.04549	.02865	-.00004
Stddev	.00098	.00078	.00033	.00172	.00028	.00293	.00025	.00010
%RSD	40.033	35.089	25.387	86.185	13.201	6.4322	.88687	281.58

#1	-.00313	-.00279	-.00105	.00321	-.00234	.04756	.02883	-.00011
#2	-.00175	-.00168	-.00151	.00078	-.00194	.04342	.02847	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	15.969	.00018	.00003	.00448	.01730	.05119	2.5387
Stddev	.00014	.061	.00029	.00001	.00010	.00916	.00024	.0062
%RSD	1095.3	.38374	162.67	19.885	2.3358	52.962	.46464	.24486

#1	.00008	15.926	-.00003	.00003	.00440	.01082	.05135	2.5343
#2	-.00011	16.013	.00038	.00003	.00455	.02378	.05102	2.5431

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00160	.00005	36.212	-.00032	.02332	1.7763	.00033	.17240
Stddev	.00015	.00037	.008	.00015	.00022	.0154	.00019	.00827
%RSD	9.6301	807.50	.02315	48.453	.94702	.86404	58.129	4.7988

#1	.00149	.00030	36.206	-.00021	.02316	1.7872	.00020	.16655
#2	.00171	-.00021	36.218	-.00043	.02348	1.7655	.00047	.17825

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0850	2.4293	.00059	-.00138	-.02105	.0691	.08105	2.5220
Stddev	.0143	.0038	.00058	.00181	.00943	.0009	.00004	.2385
%RSD	.28162	.15810	97.667	130.93	44.824	1.312	.04745	9.4563

#1	5.0951	2.4266	.00018	-.00010	-.02772	.0697	.08103	2.3533
#2	5.0748	2.4321	.00100	-.00266	-.01438	.0685	.08108	2.6906

Elem	U_3859
Units	ppm
Avg	1.3780
Stddev	.2096
%RSD	15.209

#1	1.5262
#2	1.2298

Sample Name: J4956-01DLX2 Acquired: 9/20/2018 17:12:30 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1845.1	43162.	3909.0	97.310	2969.0
Stddev	5.1	130.	6.0	.509	13.6
%RSD	.27824	.30065	.15316	.52271	.45890
#1	1841.4	43071.	3913.2	97.670	2959.4
#2	1848.7	43254.	3904.7	96.951	2978.6

Sample Name: J4956-01DUPDLX2 Acquired: 9/20/2018 17:16:31 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00152	-.00261	-.00121	-.00121	-.00325	.03429	.02838	-.00004
Stddev	.00568	.00125	.00109	.00121	.00239	.00994	.00060	.00003
%RSD	373.12	47.914	90.111	100.74	73.524	28.987	2.1255	82.588

#1	-.00554	-.00350	-.00199	-.00035	-.00494	.04132	.02795	-.00002
#2	.00249	-.00173	-.00044	-.00206	-.00156	.02726	.02880	-.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	15.910	.00006	-.00002	.00452	.02136	.05109	2.5408
Stddev	.00002	.000	.00016	.00020	.00026	.01273	.00013	.0062
%RSD	34.639	.00277	259.62	984.76	5.8439	59.592	.25797	.24301

#1	-.00004	15.911	-.00005	-.00016	.00471	.03036	.05118	2.5364
#2	-.00007	15.910	.00018	.00012	.00434	.01236	.05100	2.5452

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00137	-.00042	35.886	-.00060	.02335	1.7886	.00006	.18218
Stddev	.00016	.00041	.316	.00055	.00066	.0276	.00002	.00205
%RSD	11.980	96.908	.88059	91.574	2.8089	1.5436	42.583	1.1264

#1	.00125	-.00072	36.110	-.00099	.02288	1.8082	.00007	.18363
#2	.00148	-.00013	35.663	-.00021	.02381	1.7691	.00004	.18072

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0911	2.4048	-.00005	.00145	-.01523	.0693	.08141	2.3761
Stddev	.0151	.0508	.00015	.00161	.00178	.0013	.00019	.1859
%RSD	.29616	2.1109	322.18	111.10	11.698	1.881	.22877	7.8247

#1	5.1018	2.4406	.00006	.00259	-.01649	.0702	.08154	2.5076
#2	5.0804	2.3689	-.00016	.00031	-.01397	.0683	.08127	2.2446

Elem	U_3859
Units	ppm
Avg	1.5180
Stddev	.6189
%RSD	40.766

#1	1.9556
#2	1.0804

Sample Name: J4956-01DUPDLX2 Acquired: 9/20/2018 17:16:31 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1839.0	42993.	3940.2	97.452	2961.7
Stddev	2.1	110.	50.3	2.557	1.5
%RSD	.11393	.25685	1.2771	2.6234	.04905
#1	1837.5	42915.	3904.6	99.260	2960.7
#2	1840.5	43071.	3975.7	95.644	2962.8

Sample Name: CCV05 Acquired: 9/20/2018 17:20:31 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7746	4.6991	4.6349	4.8034	4.8342	9.8226	9.6750
Stddev	.0080	.0059	.0129	.0124	.0032	.0211	.0120
%RSD	.16811	.12564	.27858	.25874	.06704	.21496	.12374

#1	4.7689	4.6949	4.6440	4.8122	4.8320	9.8077	9.6665
#2	4.7803	4.7032	4.6258	4.7946	4.8365	9.8375	9.6834

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23552	2.3197	23.545	.96288	2.3290	1.2176	4.7891
Stddev	.00018	.0001	.136	.00291	.0043	.0037	.0496
%RSD	.07724	.00329	.57786	.30179	.18340	.30703	1.0356

#1	.23565	2.3198	23.449	.96082	2.3320	1.2203	4.8242
#2	.23539	2.3197	23.641	.96493	2.3259	1.2150	4.7540

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3958	22.947	2.3355	1.1810	23.399	2.3872	2.3978
Stddev	.0016	.057	.0028	.0005	.036	.0056	.0188
%RSD	.06733	.24642	.12159	.04197	.15273	.23343	.78280

#1	2.3946	22.907	2.3375	1.1806	23.373	2.3832	2.4111
#2	2.3969	22.987	2.3335	1.1813	23.424	2.3911	2.3845

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.836	4.8224	4.6559	4.6538	4.5103	4.6393	4.7670
Stddev	.017	.0028	.0135	.0151	.0126	.0255	.0014
%RSD	.06930	.05874	.28927	.32361	.27952	.55043	.02903

#1	23.825	4.8204	4.6463	4.6431	4.5013	4.6212	4.7660
#2	23.848	4.8244	4.6654	4.6644	4.5192	4.6573	4.7680

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F 4.3723	4.795	4.7582	F 2.2589	F 2.8044
Stddev	.0138	.000	.0186	.1634	.3279
%RSD	.31616	.0057	.39130	7.2323	11.693

#1	4.3821	4.795	4.7450	2.1434	2.5725
#2	4.3626	4.795	4.7714	2.3744	3.0363

Sample Name: CCV05 Acquired: 9/20/2018 17:20:31 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1856.6	43193.	3942.9	96.783	2845.6
Stddev	4.9	53.	19.8	.989	9.0
%RSD	.26660	.12315	.50294	1.0221	.31728
#1	1853.1	43231.	3956.9	96.083	2839.3
#2	1860.1	43156.	3928.9	97.482	2852.0

Sample Name: J4956-01LDLX10 Acquired: 9/20/2018 17:28:19 Type: Unk
Method: P4-ICP2(v2444) 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	-.00268	-.00026	-.00265	-.00467	-.00451	-.00341	.00502	.00008
Stddev	.00196	.00112	.00076	.00112	.00054	.00943	.00143	.00001
%RSD	73.138	424.33	28.706	23.974	11.979	276.58	28.557	14.201

#1	-.00129	.00053	-.00211	-.00388	-.00490	-.01007	.00401	.00007
#2	-.00407	-.00105	-.00318	-.00547	-.00413	.00326	.00604	.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	3.1607	-.00045	-.00012	.00107	-.00220	.01020	.51082
Stddev	.00006	.0070	.00005	.00006	.00006	.01489	.00001	.01770
%RSD	189.52	.22064	11.513	52.362	5.3625	675.93	.06346	3.4648

#1	-.00008	3.1557	-.00041	-.00007	.00103	.00833	.01021	.49830
#2	.00001	3.1656	-.00048	-.00016	.00111	-.01273	.01020	.52333

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00035	-.00026	7.1637	-.00046	.00505	.34863	-.00007	.04013
Stddev	.00068	.00001	.0879	.00071	.00005	.00753	.00006	.00212
%RSD	192.51	5.5648	1.2272	154.75	.98652	2.1598	81.866	5.2727

#1	.00083	-.00027	7.2259	.00004	.00501	.34331	-.00012	.03864
#2	-.00013	-.00025	7.1016	-.00096	.00508	.35395	-.00003	.04163

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.99610	.47897	.00074	.00030	-.02080	.0126	.01587	1.7893
Stddev	.00009	.00839	.00063	.00034	.00285	.0003	.00004	.1480
%RSD	.00914	1.7511	85.107	112.09	13.690	2.371	.26043	8.2709

#1	.99617	.48490	.00118	.00006	-.02281	.0124	.01590	1.6846
#2	.99604	.47304	.00029	.00055	-.01878	.0128	.01584	1.8939

Elem	U_3859
Units	ppm
Avg	1.2951
Stddev	.6887
%RSD	53.177

#1	.80813
#2	1.7821

Sample Name: J4956-01LDLX10 Acquired: 9/20/2018 17:28:19 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1897.0	43849.	3956.0	97.584	3108.8
Stddev	8.2	7.	46.6	.175	15.0
%RSD	.43407	.01605	1.1773	.17931	.48381
#1	1891.2	43844.	3923.1	97.460	3098.1
#2	1902.8	43854.	3989.0	97.708	3119.4

Sample Name: J4956-01MSDLX2 Acquired: 9/20/2018 17:32:24 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.30597	.74408	.35997	.76074	.29794	.79027	.10114	.07230	.07273
Stddev	.00329	.00195	.00122	.00611	.00383	.01898	.00042	.00092	.00004
%RSD	1.0753	.26170	.33945	.80375	1.2871	2.4016	.41533	1.2662	.05698

#1	.30829	.74270	.35910	.76507	.30065	.77685	.10144	.07165	.07276
#2	.30364	.74546	.36083	.75642	.29523	.80369	.10085	.07294	.07270

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.203	.15163	.07053	.11956	1.1255	.12182	2.8767	.17874	.02629
Stddev	.021	.00365	.00025	.00069	.0245	.00148	.0264	.00110	.00017
%RSD	.14602	2.4086	.36018	.58051	2.1786	1.2184	.91693	.61452	.66416

#1	14.217	.14905	.07071	.12005	1.1428	.12077	2.8580	.17796	.02642
#2	14.188	.15422	.07035	.11907	1.1082	.12286	2.8953	.17951	.02617

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	32.417	.11423	.09442	5.2703	.15347	.26750	4.4073	2.4303	.24375
Stddev	.069	.00158	.00085	.0018	.00039	.00740	.0055	.0133	.00060
%RSD	.21365	1.3811	.89809	.03393	.25556	2.7670	.12467	.54550	.24730

#1	32.368	.11311	.09502	5.2716	.15375	.27273	4.4034	2.4210	.24332
#2	32.466	.11534	.09382	5.2691	.15320	.26227	4.4112	2.4397	.24418

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.07354	.63890	2.126	.14265	2.6196	1.0395			
Stddev	.00261	.00241	.000	.00017	.1152	.5007			
%RSD	3.5557	.37766	.0190	.11720	4.3969	48.164			

#1	.07539	.63720	2.126	.14253	2.7010	.68549			
#2	.07169	.64061	2.126	.14277	2.5382	1.3935			

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306				
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S				
Avg	1850.0	43025.	3931.4	97.013	2976.8				
Stddev	5.1	121.	.5	1.095	2.5				
%RSD	.27770	.28128	.01160	1.1289	.08291				

#1	1846.4	43111.	3931.1	96.239	2975.0				
#2	1853.7	42939.	3931.7	97.787	2978.5				

Sample Name: J4956-01MSDDLX2 Acquired: 9/20/2018 17:36:22 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.30370	.74554	.36115	.75268	.29437	.78984	.10107	.07208	.07249
Stddev	.00313	.00119	.00052	.00200	.00007	.03192	.00004	.00033	.00029
%RSD	1.0310	.16003	.14343	.26560	.02529	4.0410	.03910	.45691	.40418

#1	.30591	.74470	.36078	.75127	.29432	.76727	.10104	.07231	.07269
#2	.30148	.74639	.36152	.75410	.29443	.81241	.10110	.07184	.07228

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.117	.14937	.07070	.11887	1.1050	.12046	2.8935	.17857	.02635
Stddev	.085	.00092	.00037	.00029	.0194	.00026	.0383	.00037	.00030
%RSD	.60247	.61853	.52620	.24259	1.7580	.21550	1.3234	.20847	1.1562

#1	14.177	.14871	.07096	.11907	1.1188	.12027	2.9206	.17831	.02656
#2	14.057	.15002	.07044	.11866	1.0913	.12064	2.8665	.17884	.02613

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	32.326	.11404	.09240	5.2220	.15262	.25862	4.3974	2.4294	.24354
Stddev	.007	.00149	.00139	.0062	.00037	.00454	.0042	.0108	.00106
%RSD	.02134	1.3070	1.5074	.11803	.24408	1.7553	.09538	.44632	.43384

#1	32.321	.11299	.09338	5.2176	.15288	.25541	4.4003	2.4218	.24279
#2	32.331	.11510	.09141	5.2264	.15236	.26183	4.3944	2.4371	.24429

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.07327	.63656	2.121	.14249	2.4588	1.0252			
Stddev	.00027	.00805	.009	.00039	.3704	.2878			
%RSD	.36760	1.2648	.4488	.27650	15.064	28.073			

#1	.07346	.63087	2.114	.14277	2.7207	1.2287			
#2	.07308	.64225	2.128	.14221	2.1969	.82170			

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306				
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S				
Avg	1852.0	43114.	3918.6	98.709	2971.4				
Stddev	16.2	41.	8.7	2.069	22.9				
%RSD	.87338	.09557	.22283	2.0965	.77138				

#1	1840.5	43085.	3912.5	97.245	2955.2				
#2	1863.4	43143.	3924.8	100.17	2987.6				

Sample Name: J4956-01ADLX2 Acquired: 9/20/2018 17:40:19 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.30208	.74276	.35803	.75165	.29289	.78862	.10166	.07237	.07212
Stddev	.00167	.00195	.00173	.00788	.00055	.00486	.00115	.00060	.00011
%RSD	.55204	.26313	.48335	1.0488	.18673	.61666	1.1293	.82651	.15821

#1	.30326	.74415	.35925	.75723	.29251	.78518	.10085	.07195	.07220
#2	.30090	.74138	.35680	.74608	.29328	.79206	.10247	.07279	.07204

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.091	.15128	.07048	.11772	1.1100	.12161	2.8678	.17741	.02648
Stddev	.082	.00000	.00005	.00012	.0087	.00021	.0141	.00069	.00014
%RSD	.58519	.00012	.07254	.10547	.78419	.16978	.49023	.38859	.54255

#1	14.033	.15128	.07045	.11763	1.1039	.12146	2.8778	.17790	.02658
#2	14.149	.15128	.07052	.11781	1.1162	.12176	2.8579	.17692	.02638

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	32.009	.11483	.09127	5.2383	.15136	.26286	4.3601	2.4420	.24205
Stddev	.080	.00040	.00072	.0145	.00041	.00871	.0204	.0230	.00035
%RSD	.25019	.35044	.79421	.27623	.26980	3.3138	.46668	.94009	.14665

#1	31.952	.11512	.09076	5.2281	.15165	.25670	4.3745	2.4257	.24179
#2	32.065	.11455	.09178	5.2486	.15107	.26902	4.3457	2.4582	.24230

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.07565	.64725	2.099	.14188	1.4547	.74370			
Stddev	.00109	.00808	.010	.00027	.2456	.40180			
%RSD	1.4468	1.2484	.4661	.18688	16.886	54.028			

#1	.07487	.64154	2.106	.14170	1.2810	.45958			
#2	.07642	.65297	2.092	.14207	1.6283	1.0278			

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306				
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S				
Avg	1859.9	43373.	3951.6	99.610	2988.7				
Stddev	15.2	57.	29.4	.243	25.1				
%RSD	.81454	.13228	.74283	.24436	.83826				

#1	1849.2	43332.	3972.3	99.782	2970.9				
#2	1870.6	43413.	3930.8	99.437	3006.4				

Sample Name: PB113059BL Acquired: 9/20/2018 17:44:18 Type: Unk
Method: P4-ICP2(v2444) 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	-.00305	-.00109	-.00211	-.00331	-.00340	-.00260	.00023
Stddev	.00235	.00016	.00139	.00060	.00082	.00616	.00005
%RSD	76.899	14.607	65.761	18.019	24.197	236.62	21.130

#1	-.00471	-.00121	-.00310	-.00289	-.00282	-.00696	.00027
#2	-.00139	-.00098	-.00113	-.00374	-.00398	.00175	.00020

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	-.00004	-.01079	-.00057	-.00022	.00005	.00758
Stddev	.00007	.00004	.01251	.00026	.00008	.00069	.00787
%RSD	163.05	100.53	116.02	44.861	37.236	1354.8	103.73

#1	-.00001	-.00001	-.00194	-.00039	-.00028	-.00044	.00202
#2	.00009	-.00007	-.01963	-.00076	-.00016	.00054	.01315

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	.02308	.00079	-.00022	.14402	-.00067	-.00016
Stddev	.00001	.04844	.00003	.00049	.00413	.00016	.00010
%RSD	21.501	209.88	4.3436	224.83	2.8649	24.268	62.433

#1	-.00004	.05733	.00076	-.00056	.14110	-.00055	-.00009
#2	-.00005	-.01117	.00081	.00013	.14694	-.00078	-.00023

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00445	-.00003	.00393	.00078	-.01128	.00066	-.00105
Stddev	.02584	.00024	.00932	.00259	.00288	.00058	.00003
%RSD	581.36	895.99	236.90	334.26	25.523	87.658	3.1127

#1	.02272	.00015	-.00266	.00261	-.00924	.00025	-.00107
#2	-.01383	-.00020	.01053	-.00106	-.01331	.00107	-.00102

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	F -.02362	-.0013	-.00004	F 1.3965	F 1.2372		
Stddev	.00334	.0022	.00004	.0407	.3349		
%RSD	14.153	162.2	85.101	2.9168	27.070		

#1	-.02598	-.0029	-.00007	1.3677	1.0004		
#2	-.02125	.0002	-.00002	1.4253	1.4740		

Sample Name: PB113059BL Acquired: 9/20/2018 17:44:18 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1912.1	44261.	3914.5	98.770	3166.3
Stddev	4.3	57.	35.0	.068	5.6
%RSD	.22325	.12916	.89366	.06834	.17713
#1	1909.1	44301.	3889.8	98.723	3162.4
#2	1915.1	44220.	3939.3	98.818	3170.3

Sample Name: PB113059BS Acquired: 9/20/2018 17:48:23 Type: Unk
Method: P4-ICP2(v2444) 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	.79501	1.9522	.94792	1.9710	.77250	2.0297	.20922
Stddev	.00319	.0105	.00209	.0029	.00006	.0187	.00090
%RSD	.40139	.53994	.22083	.14816	.00746	.92112	.42801

#1	.79727	1.9448	.94644	1.9690	.77246	2.0165	.20985
#2	.79275	1.9597	.94940	1.9731	.77254	2.0430	.20858

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18391	.18932	1.0072	.40339	.18812	.30837	3.1074
Stddev	.00107	.00028	.0211	.00015	.00044	.00077	.0138
%RSD	.58038	.14815	2.0931	.03834	.23327	.25020	.44549

#1	.18467	.18912	.99226	.40350	.18781	.30892	3.0976
#2	.18316	.18952	1.0221	.40328	.18843	.30783	3.1172

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20696	1.9510	.47077	.07046	3.0693	.30888	.20352
Stddev	.00070	.0314	.00119	.00025	.0185	.00042	.00255
%RSD	.33765	1.6118	.25350	.35587	.60194	.13680	1.2547

#1	.20745	1.9287	.46992	.07028	3.0824	.30858	.20533
#2	.20646	1.9732	.47161	.07064	3.0563	.30917	.20172

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.9854	.40947	.29868	F -.00689	.92910	.61815	.19860
Stddev	.0644	.00028	.00511	.00295	.00151	.00080	.00004
%RSD	.64453	.06756	1.7099	42.852	.16306	.12985	.02189

#1	10.031	.40927	.30229	-.00480	.93017	.61872	.19857
#2	9.9399	.40966	.29507	-.00898	.92802	.61758	.19863

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	F 1.7874	5.081	.19503	F 1.5661	F<.00000		
Stddev	.0173	.011	.00054	.0961	.12831		
%RSD	.96658	.2149	.27600	6.1390	139.30		

#1	1.7752	5.074	.19541	1.6341	-.00138		
#2	1.7996	5.089	.19465	1.4981	-.18284		

Sample Name: PB113059BS Acquired: 9/20/2018 17:48:23 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1866.6	43988.	3942.4	96.418	3078.0
Stddev	5.0	218.	30.6	1.495	5.2
%RSD	.26780	.49603	.77708	1.5504	.16735
#1	1863.0	43834.	3920.7	95.361	3074.4
#2	1870.1	44143.	3964.1	97.475	3081.6

Sample Name: PB113069TB Acquired: 9/20/2018 17:52:16 Type: Unk
Method: P4-ICP2(v2444) 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	-.00688	-.00520	-.00236	.00041	-.00304	.00663	-.00051
Stddev	.00277	.00071	.00068	.00189	.00041	.00221	.00007
%RSD	40.262	13.647	28.614	464.09	13.333	33.276	13.479

#1	-.00884	-.00570	-.00284	.00175	-.00333	.00819	-.00056
#2	-.00492	-.00470	-.00188	-.00093	-.00276	.00507	-.00046

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	-.00007	.00450	.00042	-.00023	.00001	.01701
Stddev	.00004	.00015	.01305	.00008	.00007	.00029	.01673
%RSD	65.864	212.36	289.75	19.816	29.955	4299.0	98.362

#1	-.00003	.00003	.01373	.00036	-.00018	-.00020	.02883
#2	-.00008	-.00017	-.00472	.00047	-.00028	.00021	.00518

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	.00574	.00112	-.00027	F 362.66	-.00071	.00443
Stddev	.00010	.05044	.00007	.00016	2.75	.00067	.00017
%RSD	77.296	878.42	5.9902	58.028	.75939	93.550	3.8522

#1	.00006	.04141	.00117	-.00016	364.61	-.00119	.00431
#2	.00021	-.02992	.00107	-.00038	360.71	-.00024	.00455

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.03320	.00014	.01229	.00231	.00106	.00392	-.00063
Stddev	.03223	.00044	.00847	.00014	.00263	.00005	.00069
%RSD	97.076	310.06	68.965	5.9890	248.20	1.1655	109.00

#1	-.05599	.00045	.01828	.00241	.00292	.00395	-.00014
#2	-.01041	-.00017	.00630	.00222	-.00080	.00389	-.00111

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	-.02169	-.0012	.00003	F 5.2800	F 3.3740		
Stddev	.01068	.0008	.00002	.2175	.1233		
%RSD	49.230	72.87	65.464	4.1197	3.6554		

#1	-.01414	-.0018	.00002	5.4338	3.2868		
#2	-.02924	-.0006	.00005	5.1262	3.4612		

Sample Name: PB113069TB Acquired: 9/20/2018 17:52:16 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1758.8	40570.	3883.6	95.352	2699.7
Stddev	12.5	138.	26.7	1.426	15.2
%RSD	.71135	.33905	.68741	1.4961	.56352
#1	1749.9	40473.	3864.8	96.361	2688.9
#2	1767.6	40668.	3902.5	94.343	2710.4

Sample Name: J4993-07 Acquired: 9/20/2018 17:56:27 Type: Unk
Method: P4-ICP2(v2444) 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	-.00177	-.00200	-.00215	-.00301	-.00195	.01164	.14154	.00006
Stddev	.00129	.00095	.00012	.00192	.00005	.00334	.00035	.00007
%RSD	72.513	47.447	5.7747	63.568	2.7355	28.726	.25027	120.10

#1	-.00086	-.00133	-.00206	-.00437	-.00191	.00928	.14129	.00001
#2	-.00268	-.00267	-.00224	-.00166	-.00198	.01401	.14179	.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	3.9785	-.00052	-.00011	.00282	.12488	.04371	.22408
Stddev	.00006	.0060	.00038	.00002	.00027	.00279	.00022	.02206
%RSD	231.66	.15172	71.864	21.222	9.6553	2.2319	.50687	9.8429

#1	.00006	3.9827	-.00026	-.00010	.00263	.12291	.04356	.23968
#2	-.00002	3.9742	-.00079	-.00013	.00301	.12685	.04387	.20848

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00186	-.00016	2.2157	-.00085	.03648	1.1430	.00038	.04403
Stddev	.00022	.00022	.0030	.00027	.00002	.0082	.00047	.00059
%RSD	11.957	138.36	.13470	32.199	.06031	.71745	124.27	1.3382

#1	.00202	-.00000	2.2136	-.00105	.03650	1.1488	.00005	.04362
#2	.00170	-.00031	2.2178	-.00066	.03647	1.1372	.00071	.04445

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.57653	.56360	.00033	.00132	-.02453	.0099	.04336	.72093
Stddev	.00164	.00203	.00089	.00038	.00921	.0008	.00050	.00055
%RSD	.28438	.35999	271.74	28.929	37.551	8.244	1.1566	.07587

#1	.57537	.56504	-.00030	.00159	-.03104	.0104	.04371	.72131
#2	.57769	.56217	.00096	.00105	-.01802	.0093	.04301	.72054

Elem	U_3859
Units	ppm
Avg	1.0711
Stddev	.5124
%RSD	47.844

#1	.70873
#2	1.4334

Sample Name: J4993-07 Acquired: 9/20/2018 17:56:27 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1885.2	44603.	4043.7	102.07	3154.1
Stddev	1.7	41.	42.8	.64	5.8
%RSD	.09176	.09302	1.0578	.63137	.18307
#1	1886.4	44632.	4013.4	101.61	3158.2
#2	1884.0	44574.	4073.9	102.52	3150.0

Sample Name: J4993-07DUP Acquired: 9/20/2018 18:00:32 Type: Unk
Method: P4-ICP2(v2444) 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	-.00443	-.00232	-.00196	-.00377	-.00423	.01270	.14115	-.00003
Stddev	.00015	.00031	.00051	.00229	.00139	.00157	.00135	.00004
%RSD	3.4955	13.197	26.049	60.750	32.715	12.403	.95708	152.56

#1	-.00432	-.00254	-.00160	-.00539	-.00325	.01381	.14020	.00000
#2	-.00454	-.00210	-.00232	-.00215	-.00521	.01158	.14211	-.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	3.9992	.00016	-.00023	.00310	.13527	.04375	.19384
Stddev	.00000	.0048	.00021	.00033	.00037	.00744	.00031	.01533
%RSD	17.941	.12041	127.73	145.18	11.803	5.5003	.71576	7.9065

#1	.00002	3.9958	.00031	-.00046	.00284	.13001	.04352	.18300
#2	.00002	4.0026	.00002	.00001	.00336	.14053	.04397	.20468

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00207	-.00037	2.1760	-.00096	.03861	1.1157	.00058	.05327
Stddev	.00014	.00015	.0112	.00007	.00033	.0213	.00039	.00510
%RSD	6.8235	40.979	.51399	7.5291	.84872	1.9112	67.892	9.5673

#1	.00197	-.00026	2.1839	-.00091	.03838	1.1308	.00030	.05687
#2	.00217	-.00048	2.1681	-.00102	.03884	1.1006	.00086	.04967

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.56774	.56378	.00028	.00071	-.03289	.0094	.04333	.98674
Stddev	.00236	.00634	.00008	.00175	.00156	.0008	.00018	.31570
%RSD	.41521	1.1253	28.187	247.45	4.7296	7.984	.41467	31.994

#1	.56607	.55930	.00022	-.00053	-.03398	.0100	.04320	1.2100
#2	.56941	.56827	.00033	.00195	-.03179	.0089	.04345	.76351

Elem	U_3859
Units	ppm
Avg	.90275
Stddev	.21354
%RSD	23.655

#1	.75176
#2	1.0538

Sample Name: J4993-07DUP Acquired: 9/20/2018 18:00:32 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1880.2	44402.	3999.2	99.826	3147.5
Stddev	14.3	87.	33.7	1.537	19.6
%RSD	.76176	.19519	.84340	1.5401	.62194
#1	1870.1	44340.	3975.3	98.739	3133.7
#2	1890.3	44463.	4023.0	100.91	3161.4

Sample Name: J4993-07LX5 Acquired: 9/20/2018 18:04:35 Type: Unk
Method: P4-ICP2(v2444) 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	-.00265	-.00101	-.00112	-.00262	-.00314	-.00896	.02870	.00005
Stddev	.00210	.00025	.00016	.00104	.00169	.00554	.00014	.00005
%RSD	79.363	24.528	14.577	39.723	53.940	61.763	.47133	97.646

#1	-.00413	-.00118	-.00100	-.00189	-.00194	-.00505	.02879	.00009
#2	-.00116	-.00083	-.00123	-.00336	-.00434	-.01288	.02860	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	.78560	-.00019	-.00028	.00082	.01899	.00875	.09989
Stddev	.00000	.00985	.00034	.00020	.00039	.01541	.00004	.05281
%RSD	2.1379	1.2534	176.44	71.678	47.824	81.122	.44491	52.869

#1	-.00004	.77864	-.00043	-.00014	.00054	.00810	.00872	.06255
#2	-.00004	.79257	.00005	-.00042	.00110	.02989	.00878	.13723

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00092	-.00004	.52247	-.00063	.01202	.19286	-.00012	.02255
Stddev	.00020	.00031	.00280	.00043	.00000	.01011	.00009	.00318
%RSD	21.325	791.02	.53550	68.287	.00657	5.2426	72.493	14.117

#1	.00078	.00018	.52445	-.00033	.01202	.20001	-.00019	.02480
#2	.00106	-.00026	.52049	-.00094	.01202	.18571	-.00006	.02030

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11571	.11088	-.00029	-.00148	-.01877	.0009	.00851	.98623
Stddev	.00194	.00193	.00066	.00040	.01069	.0028	.00001	.12633
%RSD	1.6781	1.7407	226.18	26.698	56.921	314.4	.17256	12.809

#1	.11709	.10951	.00018	-.00176	-.02633	.0028	.00852	1.0756
#2	.11434	.11224	-.00076	-.00120	-.01122	-.0011	.00850	.89690

Elem	U_3859
Units	ppm
Avg	.51323
Stddev	.20614
%RSD	40.166

#1	.65899
#2	.36746

Sample Name: J4993-07LX5 Acquired: 9/20/2018 18:04:35 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1904.0	44373.	3913.8	96.631	3145.1
Stddev	5.8	168.	9.5	.292	8.9
%RSD	.30697	.37934	.24358	.30213	.28152
#1	1899.9	44254.	3907.1	96.838	3138.8
#2	1908.1	44492.	3920.5	96.425	3151.4

Sample Name: CCV06 Acquired: 9/20/2018 18:08:39 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9325	4.8825	4.7914	4.9566	4.9901	10.317	9.9720
Stddev	.0074	.0034	.0031	.0307	.0026	.052	.0487
%RSD	.15059	.07066	.06452	.62006	.05256	.50321	.48814

#1	4.9378	4.8800	4.7936	4.9783	4.9882	10.353	9.9376
#2	4.9273	4.8849	4.7892	4.9349	4.9920	10.280	10.006

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24271	2.4079	24.230	.98605	2.4094	1.2536	5.0226
Stddev	.00120	.0008	.040	.00150	.0008	.0022	.0394
%RSD	.49620	.03180	.16425	.15186	.03530	.17492	.78403

#1	.24356	2.4084	24.202	.98499	2.4088	1.2552	5.0504
#2	.24186	2.4073	24.259	.98710	2.4100	1.2521	4.9947

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4832	23.658	2.4201	1.2078	24.073	2.4637	2.5009
Stddev	.0017	.022	.0013	.0021	.082	.0023	.0386
%RSD	.06808	.09249	.05343	.17666	.34174	.09159	1.5438

#1	2.4844	23.643	2.4210	1.2093	24.015	2.4653	2.5282
#2	2.4820	23.674	2.4192	1.2063	24.131	2.4621	2.4736

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.488	4.9523	4.8785	4.8528	4.5825	4.7871	4.8841
Stddev	.127	.0092	.0122	.0120	.0129	.0081	.0157
%RSD	.51998	.18580	.24954	.24708	.28160	.16851	.32222

#1	24.398	4.9588	4.8699	4.8444	4.5734	4.7928	4.8730
#2	24.578	4.9458	4.8871	4.8613	4.5916	4.7814	4.8952

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	4.5486	4.978	4.8339	F 3.5104	F 3.3143
Stddev	.0018	.010	.0652	.2733	.2900
%RSD	.03906	.1971	1.3493	7.7866	8.7504

#1	4.5473	4.985	4.7878	3.7037	3.1092
#2	4.5498	4.971	4.8801	3.3172	3.5194

Sample Name: CCV06 Acquired: 9/20/2018 18:08:39 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1857.3	42669.	3927.6	95.272	2829.9
Stddev	8.0	20.	15.2	1.651	5.7
%RSD	.43214	.04722	.38760	1.7325	.20175
#1	1851.6	42655.	3938.4	94.104	2825.9
#2	1862.9	42683.	3916.8	96.439	2833.9

Sample Name: CCB06 Acquired: 9/20/2018 18:12:26 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00018	-.00086	-.00229	-.00530	-.00294	-.00129	.00066
Stddev	.00179	.00213	.00051	.00041	.00079	.00314	.00034
%RSD	1004.3	248.35	22.309	7.6531	26.918	243.69	51.980

#1	-.00144	.00065	-.00265	-.00501	-.00238	-.00351	.00041
#2	.00109	-.00237	-.00193	-.00559	-.00350	.00093	.00090

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	-.00014	-.01144	-.00051	-.00018	.00009	-.00711
Stddev	.00001	.00008	.00088	.00019	.00018	.00030	.00350
%RSD	31.700	60.075	7.7229	37.002	98.719	347.28	49.264

#1	.00005	-.00008	-.01082	-.00065	-.00030	.00030	-.00959
#2	.00003	-.00019	-.01206	-.00038	-.00005	-.00013	-.00463

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.00880	.00047	.00001	.05381	-.00046	-.00015
Stddev	.00001	.00591	.00009	.00008	.01145	.00015	.00004
%RSD	62.611	67.204	18.786	1029.3	21.284	33.772	25.941

#1	-.00001	-.01298	.00040	.00006	.04571	-.00035	-.00018
#2	-.00002	-.00462	.00053	-.00005	.06191	-.00056	-.00012

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01654	.00032	.00775	-.00060	-.00692	-.00042	-.00043
Stddev	.00376	.00015	.01046	.00174	.00004	.00134	.00050
%RSD	22.756	45.744	134.97	287.92	.51287	321.33	115.78

#1	-.01920	.00021	.01515	-.00183	-.00695	.00053	-.00008
#2	-.01387	.00042	.00035	.00063	-.00690	-.00136	-.00079

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	F -.02685	-.0004	.00002	F 1.2267	F .61728		
Stddev	.00567	.0003	.00007	.0825	1.0730		
%RSD	21.118	71.19	295.26	6.7287	173.82		

#1	-.02284	-.0002	.00008	1.1683	-.14141		
#2	-.03086	-.0006	-.00003	1.2850	1.3760		

Sample Name: CCB06 Acquired: 9/20/2018 18:12:26 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1905.3	43864.	3887.3	97.733	3148.4
Stddev	6.5	249.	18.0	.377	14.2
%RSD	.34308	.56844	.46401	.38532	.45239
#1	1900.7	43688.	3900.1	97.467	3138.3
#2	1909.9	44041.	3874.6	97.999	3158.4

Sample Name: J4993-07MS Acquired: 9/20/2018 18:16:30 Type: Unk
Method: P4-ICP2(v2444) 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	.89300	2.2050	1.0606	2.2046	.88303	2.2738	.37078	.20839
Stddev	.00144	.0107	.0030	.0002	.00297	.0024	.00102	.00019
%RSD	.16097	.48390	.28513	.00953	.33610	.10780	.27539	.08998

#1	.89198	2.1974	1.0627	2.2045	.88093	2.2755	.37005	.20825
#2	.89401	2.2125	1.0585	2.2048	.88513	2.2721	.37150	.20852

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21187	5.0466	.48562	.20941	.34726	3.7328	.27496	2.3828
Stddev	.00029	.0230	.00042	.00001	.00055	.0755	.00034	.0438
%RSD	.13465	.45535	.08661	.00307	.15885	2.0233	.12535	1.8379

#1	.21167	5.0304	.48533	.20940	.34687	3.6794	.27471	2.3518
#2	.21208	5.0629	.48592	.20941	.34765	3.7862	.27520	2.4137

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.54537	.07760	5.4231	.34026	.25918	12.204	.46808	.36478
Stddev	.00008	.00020	.0436	.00152	.00497	.005	.00052	.01104
%RSD	.01396	.26254	.80340	.44813	1.9175	.03964	.11092	3.0271

#1	.54543	.07745	5.4539	.33918	.25567	12.208	.46771	.35697
#2	.54532	.07774	5.3923	.34134	.26269	12.201	.46844	.37259

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.58335	1.4918	.71407	.22361	1.9498	5.793	.25645	1.7443
Stddev	.00081	.0153	.00176	.00158	.0148	.001	.00029	.2146
%RSD	.13958	1.0284	.24602	.70864	.75948	.0162	.11168	12.301

#1	.58277	1.4810	.71283	.22249	1.9393	5.792	.25665	1.8961
#2	.58392	1.5027	.71531	.22473	1.9602	5.793	.25625	1.5926

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.23734
%RSD	68.641

#1	-.51360
#2	-.17794

Sample Name: J4993-07MS Acquired: 9/20/2018 18:16:30 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1853.6	43765.	3986.5	97.744	3043.2
Stddev	4.4	127.	7.7	1.434	6.5
%RSD	.23788	.28986	.19202	1.4671	.21478
#1	1850.5	43676.	3991.9	98.758	3038.6
#2	1856.8	43855.	3981.0	96.730	3047.8

Sample Name: J4993-07MSD Acquired: 9/20/2018 18:20:22 Type: Unk
Method: P4-ICP2(v2444) 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	.88944	2.2042	1.0530	2.2006	.88074	2.2765	.36964	.20872
Stddev	.00073	.0002	.0015	.0029	.00197	.0115	.00095	.00001
%RSD	.08174	.00892	.14403	.12987	.22381	.50647	.25588	.00382

#1	.88996	2.2043	1.0519	2.1986	.88214	2.2683	.36897	.20872
#2	.88893	2.2040	1.0541	2.2026	.87935	2.2847	.37030	.20871

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21141	5.0119	.48570	.20954	.34731	3.7342	.27538	2.4254
Stddev	.00037	.0196	.00337	.00006	.00116	.0404	.00046	.0245
%RSD	.17672	.39035	.69460	.02937	.33474	1.0808	.16638	1.0119

#1	.21115	4.9981	.48808	.20949	.34813	3.7057	.27505	2.4428
#2	.21168	5.0258	.48331	.20958	.34649	3.7627	.27570	2.4081

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.54330	.07813	5.3925	.34083	.25886	12.197	.46721	.37351
Stddev	.00183	.00144	.0064	.00143	.00028	.066	.00166	.00085
%RSD	.33707	1.8414	.11826	.41968	.10690	.54100	.35554	.22782

#1	.54200	.07915	5.3880	.34184	.25866	12.150	.46603	.37411
#2	.54459	.07711	5.3970	.33982	.25905	12.243	.46838	.37291

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.58104	1.5092	.71285	.22555	1.9685	5.764	.25655	1.6483
Stddev	.00018	.0111	.00127	.00227	.0200	.004	.00073	.0605
%RSD	.03025	.73767	.17837	1.0047	1.0165	.0668	.28631	3.6714

#1	.58116	1.5013	.71375	.22715	1.9826	5.762	.25603	1.6055
#2	.58091	1.5170	.71195	.22394	1.9543	5.767	.25707	1.6910

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.51035
%RSD	109.13

#1	-.10677
#2	-.82852

Sample Name: J4993-07MSD Acquired: 9/20/2018 18:20:22 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1859.1	43688.	3984.8	97.942	3053.3
Stddev	4.2	103.	7.4	.063	.6
%RSD	.22485	.23609	.18687	.06475	.01925
#1	1856.1	43615.	3990.0	97.898	3053.7
#2	1862.0	43761.	3979.5	97.987	3052.9

Sample Name: J4993-07A Acquired: 9/20/2018 18:24:13 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.88796	2.2060	1.0525	2.1910	.88188	2.2840	.37137	.20875	.21137
Stddev	.00180	.0039	.0025	.0138	.00423	.0081	.00179	.00062	.00004
%RSD	.20312	.17529	.24104	.63028	.48011	.35422	.48160	.29920	.01814

#1	.88924	2.2033	1.0508	2.2008	.88488	2.2898	.37010	.20919	.21134
#2	.88669	2.2088	1.0543	2.1812	.87889	2.2783	.37263	.20831	.21140

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0591	.48564	.20869	.34645	3.8058	.27494	2.3163	.54228	.07790
Stddev	.0454	.00359	.00071	.00087	.0400	.00092	.0733	.00179	.00006
%RSD	.89790	.73951	.34127	.25176	1.0512	.33304	3.1641	.32967	.07266

#1	5.0269	.48818	.20819	.34707	3.7775	.27559	2.3681	.54101	.07786
#2	5.0912	.48310	.20920	.34583	3.8341	.27430	2.2644	.54354	.07794

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.3799	.34022	.26192	12.227	.46771	.37129	.57245	1.5185	.71199
Stddev	.0697	.00313	.00521	.062	.00239	.00063	.00462	.0128	.00045
%RSD	1.2963	.91863	1.9891	.50385	.51183	.16962	.80755	.84236	.06372

#1	5.3306	.34243	.25823	12.183	.46940	.37174	.57572	1.5095	.71231
#2	5.4292	.33801	.26560	12.270	.46602	.37085	.56918	1.5275	.71167

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.22899	1.9766	5.742	.25625	2.1595	.08494			
Stddev	.00213	.0306	.008	.00238	.4371	.01502			
%RSD	.92827	1.5467	.1370	.92976	20.240	17.682			

#1	.22749	1.9550	5.737	.25457	2.4685	.07432			
#2	.23049	1.9982	5.748	.25794	1.8504	.09556			

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306				
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S				
Avg	1857.4	43652.	3962.2	96.628	3053.5				
Stddev	10.7	112.	34.7	1.728	11.4				
%RSD	.57482	.25546	.87572	1.7882	.37442				

#1	1849.9	43573.	3986.7	97.850	3045.4				
#2	1865.0	43731.	3937.7	95.406	3061.5				

Sample Name: J4778-02 Acquired: 9/20/2018 18:28:04 Type: Unk
Method: P4-ICP2(v2444) 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	-.00594	-.00524	.00304	.00281	-.00189	.07523	.08169	-.00003
Stddev	.00145	.00067	.00069	.00849	.00145	.00232	.00009	.00015
%RSD	24.435	12.726	22.645	302.15	77.001	3.0781	.10753	477.36

#1	-.00491	-.00571	.00255	-.00319	-.00291	.07686	.08163	-.00014
#2	-.00696	-.00477	.00352	.00881	-.00086	.07359	.08176	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	7.2059	-.00029	.00025	.00822	.03357	.04645	.99448
Stddev	.00001	.0678	.00022	.00041	.00019	.00543	.00002	.00225
%RSD	6.1380	.94066	75.062	164.12	2.3559	16.164	.03477	.22663

#1	-.00011	7.2539	-.00045	.00054	.00835	.03740	.04644	.99607
#2	-.00010	7.1580	-.00014	-.00004	.00808	.02973	.04646	.99289

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00046	-.00037	323.39	-.00051	.02123	.34927	.00016	.02325
Stddev	.00051	.00036	3.20	.00054	.00038	.01443	.00009	.00378
%RSD	112.49	97.158	.98975	106.01	1.7856	4.1328	60.256	16.242

#1	-.00082	-.00063	325.66	-.00090	.02149	.35947	.00022	.02058
#2	-.00009	-.00012	321.13	-.00013	.02096	.33906	.00009	.02592

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23895	.34572	.00302	.00055	-.01545	.0083	.03405	4.8313
Stddev	.00231	.00146	.00076	.00031	.00010	.0010	.00001	.3210
%RSD	.96563	.42203	24.999	57.082	.66512	12.27	.02198	6.6443

#1	.24058	.34468	.00355	.00077	-.01552	.0090	.03405	5.0582
#2	.23731	.34675	.00249	.00033	-.01537	.0076	.03406	4.6043

Elem	U_3859
Units	ppm
Avg	3.6384
Stddev	.0164
%RSD	.45061

#1	3.6268
#2	3.6500

Sample Name: J4778-02 Acquired: 9/20/2018 18:28:04 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1767.6	40570.	3925.7	95.913	2721.3
Stddev	7.3	24.	36.3	2.049	9.8
%RSD	.41399	.06014	.92426	2.1363	.36121
#1	1762.4	40552.	3900.1	94.464	2714.3
#2	1772.8	40587.	3951.4	97.361	2728.2

Sample Name: J4985-02 Acquired: 9/20/2018 18:32:13 Type: Unk
Method: P4-ICP2(v2444) 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	-.00009	-.00399	.00253	.00072	-.00540	.03701	.33444	-.00011
Stddev	.00051	.00105	.00045	.00048	.00049	.02714	.00057	.00009
%RSD	549.54	26.257	17.940	67.179	9.0244	73.331	.17144	80.680

#1	.00027	-.00325	.00285	.00106	-.00506	.05621	.33484	-.00017
#2	-.00045	-.00473	.00221	.00038	-.00575	.01782	.33403	-.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00044	271.40	.00533	-.00025	.00239	-.06828	.00011	.01500
Stddev	.00025	1.89	.00014	.00012	.00017	.02092	.00002	.00496
%RSD	55.857	.69634	2.6431	46.860	7.0793	30.642	17.939	33.041

#1	-.00062	270.06	.00543	-.00033	.00227	-.08307	.00009	.01850
#2	-.00027	272.73	.00523	-.00017	.00251	-.05348	.00012	.01149

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00226	-.00030	371.48	-.00070	.02543	2.2007	.00063	.02491
Stddev	.00046	.00012	3.56	.00078	.00071	.0073	.00003	.00266
%RSD	20.213	39.990	.95704	111.27	2.7948	.33058	5.3428	10.666

#1	-.00258	-.00021	368.97	-.00126	.02493	2.1956	.00061	.02303
#2	-.00193	-.00038	374.00	-.00015	.02593	2.2059	.00065	.02679

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.40371	.12714	.00414	-.00913	.10913	-.0026	2.1153	10.360
Stddev	.00479	.00149	.00116	.00205	.00858	.0025	.0153	.563
%RSD	1.1876	1.1689	28.154	22.505	7.8627	96.49	.72152	5.4345

#1	.40032	.12819	.00496	-.00767	.10306	-.0008	2.1045	10.758
#2	.40710	.12609	.00331	-.01058	.11520	-.0044	2.1261	9.9622

Elem	U_3859
Units	ppm
Avg	3.9344
Stddev	.1048
%RSD	2.6624

#1	3.8603
#2	4.0084

Sample Name: J4985-02 Acquired: 9/20/2018 18:32:13 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1686.0	39442.	3830.7	92.116	2537.5
Stddev	12.6	330.	15.0	2.256	14.6
%RSD	.74442	.83761	.39048	2.4488	.57425
#1	1677.2	39209.	3841.3	93.711	2527.2
#2	1694.9	39676.	3820.1	90.521	2547.8

Sample Name: J4985-04 Acquired: 9/20/2018 18:36:22 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00200	-.00410	.00316	.00133	-.00498	-.02839	.33278	-.00009
Stddev	.00318	.00043	.00193	.00490	.00090	.01574	.00146	.00004
%RSD	159.43	10.378	61.263	368.70	18.119	55.457	.43839	42.828

#1	.00025	-.00440	.00179	.00480	-.00434	-.01726	.33381	-.00006
#2	-.00425	-.00380	.00453	-.00214	-.00562	-.03952	.33175	-.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00040	301.94	.00272	-.00058	.00182	-.08377	-.00001	-.03066
Stddev	.00010	1.28	.00053	.00007	.00020	.00390	.00004	.01183
%RSD	26.025	.42300	19.534	12.692	10.858	4.6560	353.04	38.581

#1	-.00033	302.84	.00310	-.00052	.00168	-.08653	-.00004	-.03902
#2	-.00047	301.04	.00235	-.00063	.00196	-.08101	.00002	-.02229

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00236	-.00010	352.63	-.00067	.02386	4.7105	.00024	.01051
Stddev	.00094	.00015	1.36	.00055	.00096	.0287	.00004	.00424
%RSD	39.835	149.71	.38594	82.122	4.0034	.60973	14.475	40.382

#1	-.00169	-.00021	351.67	-.00106	.02453	4.7308	.00022	.00751
#2	-.00302	.00001	353.60	-.00028	.02318	4.6902	.00027	.01351

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.34041	.07133	.00289	-.00762	.15527	-.0020	3.9339	10.092
Stddev	.00309	.00055	.00039	.00069	.00303	.0001	.0199	.141
%RSD	.90703	.76648	13.341	9.0061	1.9546	5.492	.50616	1.3946

#1	.34259	.07094	.00316	-.00714	.15742	-.0020	3.9479	9.9921
#2	.33823	.07172	.00262	-.00811	.15312	-.0021	3.9198	10.191

Elem	U_3859
Units	ppm
Avg	3.4885
Stddev	.2658
%RSD	7.6207

#1	3.3005
#2	3.6764

Sample Name: J4985-04 Acquired: 9/20/2018 18:36:22 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1683.9	39503.	3831.0	90.191	2532.2
Stddev	2.8	159.	25.0	3.390	3.6
%RSD	.16431	.40243	.65266	3.7590	.14181
#1	1685.8	39391.	3813.3	87.794	2534.7
#2	1681.9	39616.	3848.7	92.588	2529.6

Sample Name: J4987-03 Acquired: 9/20/2018 18:40:32 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00666	-.00427	.00197	.00202	-.00264	.31832	.16471	.00020
Stddev	.00077	.00034	.00031	.00133	.00075	.01663	.00067	.00005
%RSD	11.545	7.9822	15.779	65.818	28.244	5.2235	.40664	26.531

#1	-.00720	-.00451	.00175	.00297	-.00212	.30656	.16518	.00016
#2	-.00611	-.00403	.00219	.00108	-.00317	.33007	.16423	.00024

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	6.3124	.00023	-.00028	.00758	.26077	.04223	5.0260
Stddev	.00006	.0172	.00024	.00003	.00067	.00287	.00013	.0698
%RSD	52.626	.27227	100.70	9.2893	8.8760	1.1009	.31518	1.3896

#1	-.00008	6.3245	.00007	-.00026	.00806	.26280	.04232	5.0754
#2	-.00017	6.3002	.00040	-.00029	.00711	.25874	.04213	4.9766

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00132	-.00012	304.50	.00049	.04225	.89673	.00014	.03110
Stddev	.00021	.00004	.11	.00015	.00089	.00941	.00019	.00333
%RSD	16.061	35.822	.03771	31.591	2.1044	1.0497	136.42	10.714

#1	.00117	-.00009	304.42	.00038	.04162	.89007	.00027	.02874
#2	.00147	-.00016	304.58	.00060	.04288	.90338	.00000	.03345

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24663	.87745	.00261	.00970	.00663	.0129	.06648	3.5312
Stddev	.00312	.00376	.00046	.00023	.01339	.0021	.00026	.3478
%RSD	1.2652	.42870	17.620	2.3764	202.07	16.53	.38766	9.8482

#1	.24884	.88011	.00229	.00954	-.00284	.0114	.06629	3.7771
#2	.24443	.87479	.00294	.00987	.01610	.0144	.06666	3.2853

Elem	U_3859
Units	ppm
Avg	2.7630
Stddev	.8740
%RSD	31.633

#1	3.3810
#2	2.1450

Sample Name: J4987-03 Acquired: 9/20/2018 18:40:32 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1771.6	41205.	3928.2	96.319	2725.2
Stddev	11.9	111.	18.3	1.847	7.3
%RSD	.67056	.26867	.46564	1.9176	.26923
#1	1763.2	41127.	3915.3	97.625	2720.1
#2	1780.0	41283.	3941.2	95.013	2730.4

Sample Name: J4988-02 Acquired: 9/20/2018 18:44:41 Type: Unk
Method: P4-ICP2(v2444) 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	-.00176	-.00455	.00178	.00245	-.00512	.18983	.17507	-.00006
Stddev	.00019	.00052	.00072	.00143	.00006	.03289	.00006	.00001
%RSD	11.037	11.349	40.217	58.138	1.1385	17.327	.03210	8.9159

#1	-.00162	-.00418	.00127	.00346	-.00516	.16657	.17503	-.00006
#2	-.00190	-.00491	.00229	.00144	-.00507	.21308	.17511	-.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00043	213.49	.00363	-.00056	.00363	-.05367	.00014	.03270
Stddev	.00014	.23	.00029	.00001	.00035	.00445	.00003	.03656
%RSD	33.586	.10864	8.0341	2.6036	9.5716	8.2933	20.958	111.82

#1	-.00033	213.32	.00383	-.00055	.00339	-.05052	.00016	.05855
#2	-.00053	213.65	.00342	-.00057	.00388	-.05682	.00012	.00685

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00230	-.00040	378.28	-.00041	.01601	14.270	.00022	.01655
Stddev	.00030	.00020	3.41	.00005	.00021	.006	.00001	.00004
%RSD	12.880	51.159	.90027	11.151	1.3172	.04103	5.8944	.23381

#1	-.00251	-.00054	375.88	-.00038	.01616	14.274	.00023	.01653
#2	-.00209	-.00025	380.69	-.00045	.01586	14.266	.00022	.01658

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3889	.43922	.00368	-.00653	.08996	.0020	3.7221	8.4900
Stddev	.0082	.00875	.00186	.00076	.01985	.0005	.0064	.2320
%RSD	.59348	1.9920	50.434	11.663	22.068	22.78	.17178	2.7325

#1	1.3831	.43303	.00500	-.00599	.07593	.0017	3.7266	8.3259
#2	1.3948	.44541	.00237	-.00706	.10400	.0024	3.7176	8.6540

Elem	U_3859
Units	ppm
Avg	3.7473
Stddev	.3570
%RSD	9.5264

#1	3.9998
#2	3.4949

Sample Name: J4988-02 Acquired: 9/20/2018 18:44:41 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1710.7	39887.	3881.0	93.799	2571.8
Stddev	5.6	128.	6.4	1.018	12.7
%RSD	.32967	.32188	.16415	1.0856	.49378
#1	1714.7	39797.	3885.5	93.079	2580.7
#2	1706.7	39978.	3876.5	94.519	2562.8

Sample Name: J4988-04 Acquired: 9/20/2018 18:48:51 Type: Unk
Method: P4-ICP2(v2444) 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	.00060	-.00279	.00104	.00145	-.00303	.22244	.20288	.00000
Stddev	.00006	.00180	.00233	.00590	.00048	.00732	.00059	.00012
%RSD	9.3540	64.401	223.74	407.24	15.928	3.2890	.29251	6965.1

#1	.00064	-.00406	-.00061	-.00272	-.00337	.21727	.20246	.00009
#2	.00056	-.00152	.00269	.00562	-.00269	.22762	.20330	-.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00040	178.73	.02325	.00025	.00852	-.04583	.00009	-.00224
Stddev	.00005	1.81	.00084	.00034	.00040	.00355	.00011	.01178
%RSD	11.817	1.0125	3.6230	132.99	4.6971	7.7518	128.84	525.57

#1	-.00036	180.01	.02385	.00002	.00824	-.04834	.00001	.00609
#2	-.00043	177.45	.02266	.00049	.00880	-.04331	.00017	-.01057

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00184	-.00039	334.25	-.00061	.01088	8.7193	.00175	.01680
Stddev	.00013	.00070	4.70	.00021	.00027	.0283	.00021	.00599
%RSD	6.9547	176.59	1.4070	35.221	2.5174	.32480	12.129	35.660

#1	-.00193	.00010	337.57	-.00076	.01068	8.6993	.00190	.01256
#2	-.00175	-.00089	330.92	-.00046	.01107	8.7393	.00160	.02103

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.6491	.63945	.00337	-.00434	.06963	.0023	3.4063	8.5450
Stddev	.0021	.00348	.00091	.00188	.00013	.0016	.0400	.1717
%RSD	.12710	.54482	26.946	43.246	.18883	71.60	1.1732	2.0088

#1	1.6477	.63699	.00273	-.00302	.06953	.0011	3.4346	8.6664
#2	1.6506	.64192	.00401	-.00567	.06972	.0035	3.3781	8.4236

Elem	U_3859
Units	ppm
Avg	2.9016
Stddev	.2005
%RSD	6.9092

#1	3.0433
#2	2.7598

Sample Name: J4988-04 Acquired: 9/20/2018 18:48:51 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1728.3	40077.	3900.1	94.634	2610.0
Stddev	12.2	275.	55.0	.089	19.2
%RSD	.70549	.68655	1.4106	.09446	.73436
#1	1719.7	39882.	3861.2	94.697	2596.5
#2	1736.9	40271.	3939.0	94.571	2623.6

Sample Name: J4988-06 Acquired: 9/20/2018 18:53:01 Type: Unk
Method: P4-ICP2(v2444) 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	.00295	-.00363	.00367	.00440	-.00345	.25551	.19726	-.00007
Stddev	.00359	.00098	.00056	.00518	.00141	.01470	.00189	.00005
%RSD	121.54	26.846	15.283	117.76	40.927	5.7521	.95584	66.510

#1	.00041	-.00294	.00327	.00074	-.00444	.24512	.19592	-.00004
#2	.00549	-.00432	.00407	.00807	-.00245	.26591	.19859	-.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00044	183.78	.00534	-.00046	.00704	-.03761	.00002	.03830
Stddev	.00006	1.09	.00022	.00012	.00025	.00657	.00003	.03628
%RSD	12.976	.59329	4.1546	27.132	3.5594	17.467	137.36	94.719

#1	-.00040	183.01	.00519	-.00037	.00687	-.03296	.00004	.01265
#2	-.00048	184.55	.00550	-.00055	.00722	-.04225	.00000	.06395

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00199	-.00036	343.91	-.00026	.01690	8.3056	.00054	.01608
Stddev	.00048	.00022	.74	.00061	.00035	.0255	.00029	.01252
%RSD	24.330	60.640	.21612	236.44	2.0881	.30728	54.346	77.873

#1	-.00233	-.00020	343.39	-.00069	.01665	8.2876	.00075	.02493
#2	-.00165	-.00051	344.44	.00017	.01715	8.3237	.00033	.00722

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.6896	.64347	.00360	-.00292	.06110	.0026	2.2149	7.5893
Stddev	.0026	.01804	.00122	.00128	.01319	.0004	.0085	.0513
%RSD	.15330	2.8034	33.946	43.829	21.591	14.39	.38201	.67584

#1	1.6877	.65623	.00273	-.00201	.05177	.0023	2.2089	7.6256
#2	1.6914	.63072	.00446	-.00382	.07043	.0029	2.2209	7.5530

Elem	U_3859
Units	ppm
Avg	3.4458
Stddev	.1507
%RSD	4.3744

#1	3.5524
#2	3.3392

Sample Name: J4988-06 Acquired: 9/20/2018 18:53:01 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1710.8	40028.	3859.1	91.573	2581.5
Stddev	5.3	144.	9.6	.694	11.6
%RSD	.31197	.35958	.24991	.75753	.44978
#1	1707.0	39926.	3866.0	92.063	2573.3
#2	1714.6	40130.	3852.3	91.082	2589.7

Sample Name: CCV07 Acquired: 9/20/2018 18:57:11 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8766	4.8611	4.7605	4.9066	4.9439	10.138	9.7829
Stddev	.0013	.0034	.0096	.0017	.0132	.135	.1269
%RSD	.02668	.07043	.20225	.03397	.26637	1.3343	1.2975

#1	4.8757	4.8586	4.7537	4.9078	4.9532	10.043	9.8726
#2	4.8775	4.8635	4.7673	4.9054	4.9346	10.234	9.6931

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24181	2.3979	23.988	.99302	2.3982	1.2484	5.0214
Stddev	.00022	.0013	.077	.00328	.0004	.0010	.0187
%RSD	.08903	.05363	.32175	.33030	.01739	.07605	.37171

#1	.24196	2.3988	24.043	.99070	2.3985	1.2490	5.0346
#2	.24165	2.3970	23.934	.99534	2.3979	1.2477	5.0082

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4701	23.560	2.4002	1.1986	23.735	2.4582	2.5079
Stddev	.0037	.015	.0025	.0024	.334	.0002	.0360
%RSD	.14981	.06485	.10527	.19673	1.4085	.00814	1.4343

#1	2.4675	23.571	2.3984	1.1969	23.972	2.4583	2.5333
#2	2.4727	23.549	2.4020	1.2003	23.499	2.4580	2.4825

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.183	4.9349	4.8041	4.8076	4.5948	4.7884	4.8732
Stddev	.273	.0038	.0037	.0165	.0247	.0198	.0277
%RSD	1.1270	.07750	.07616	.34337	.53845	.41324	.56830

#1	24.376	4.9376	4.8067	4.8193	4.6123	4.7744	4.8928
#2	23.990	4.9322	4.8015	4.7960	4.5773	4.8024	4.8536

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F 4.4882	4.938	4.7878	F 2.5867	F 3.0433
Stddev	.0192	.002	.0632	.1757	.4496
%RSD	.42802	.0480	1.3196	6.7911	14.774

#1	4.5017	4.940	4.8324	2.7109	3.3612
#2	4.4746	4.936	4.7431	2.4625	2.7253

Sample Name: CCV07 Acquired: 9/20/2018 18:57:11 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1867.3	43137.	3951.7	95.157	2851.6
Stddev	1.4	7.	49.4	1.395	1.8
%RSD	.07546	.01539	1.2507	1.4661	.06365
#1	1866.3	43132.	3916.8	94.170	2850.3
#2	1868.3	43141.	3986.6	96.143	2852.9

Sample Name: CCB07 Acquired: 9/20/2018 19:00:56 Type: Unk
Method: P4-ICP2(v2444) 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	.00011	-.00085	-.00247	-.00203	-.00285	-.00038	.00045
Stddev	.00092	.00084	.00059	.00130	.00091	.00114	.00024
%RSD	856.54	98.815	24.045	64.169	31.940	297.62	53.324

#1	-.00055	-.00026	-.00289	-.00295	-.00220	-.00119	.00062
#2	.00076	-.00145	-.00205	-.00111	-.00349	.00042	.00028

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	-.00007	.00791	-.00069	-.00015	.00016	-.01332
Stddev	.00002	.00000	.00878	.00028	.00010	.00019	.00576
%RSD	55.027	2.2939	111.08	41.013	69.662	121.23	43.213

#1	.00005	-.00007	.01412	-.00049	-.00007	.00030	-.00925
#2	.00002	-.00007	.00170	-.00090	-.00022	.00002	-.01739

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	.00780	.00029	-.00036	.08953	-.00080	-.00002
Stddev	.00006	.03352	.00023	.00005	.00535	.00018	.00008
%RSD	107.79	429.91	78.252	12.662	5.9705	22.523	394.46

#1	-.00001	-.01591	.00013	-.00039	.09331	-.00067	.00004
#2	-.00010	.03150	.00046	-.00033	.08575	-.00093	-.00008

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00467	-.00014	.00645	-.00401	-.00614	-.00081	.00137
Stddev	.04170	.00018	.00250	.00007	.00187	.00047	.00015
%RSD	892.87	129.68	38.802	1.7835	30.519	58.035	11.283

#1	.02481	-.00001	.00468	-.00396	-.00747	-.00114	.00126
#2	-.03415	-.00027	.00821	-.00406	-.00482	-.00048	.00148

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	F -.03350	-.0009	-.00011	F 1.6824	F .79993		
Stddev	.01367	.0008	.00004	.0117	.00222		
%RSD	40.807	86.16	35.448	.69386	.27800		

#1	-.02383	-.0003	-.00014	1.6741	.80151		
#2	-.04317	-.0014	-.00009	1.6906	.79836		

Sample Name: CCB07 Acquired: 9/20/2018 19:00:56 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1926.4	44106.	3919.6	98.179	3180.2
Stddev	7.0	33.	5.6	.824	6.8
%RSD	.36575	.07414	.14293	.83971	.21356
#1	1921.4	44083.	3915.7	97.596	3175.4
#2	1931.4	44129.	3923.6	98.762	3185.0

Sample Name: J4988-08 Acquired: 9/20/2018 19:05:00 Type: Unk
Method: P4-ICP2(v2444) 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	.00284	-.00444	.00240	.00004	-.00171	-.01462	.10476	-.00001
Stddev	.00055	.00063	.00011	.00093	.00034	.00297	.00025	.00002
%RSD	19.334	14.080	4.7173	2109.4	20.168	20.348	.23696	132.48

#1	.00245	-.00400	.00248	.00070	-.00195	-.01672	.10458	-.00000
#2	.00323	-.00488	.00232	-.00061	-.00147	-.01251	.10493	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00050	167.02	.00782	-.00034	.00430	-.04577	.00004	.12981
Stddev	.00020	.09	.00047	.00022	.00075	.00995	.00007	.05465
%RSD	40.340	.05126	5.9806	65.291	17.489	21.749	211.54	42.100

#1	-.00036	166.96	.00816	-.00050	.00377	-.03873	-.00002	.09117
#2	-.00065	167.08	.00749	-.00018	.00484	-.05280	.00009	.16845

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00229	-.00005	346.24	.00062	.00403	2.0013	.00064	.04281
Stddev	.00020	.00051	1.36	.00012	.00009	.0035	.00037	.00625
%RSD	8.8818	1049.2	.39165	18.649	2.2291	.17626	57.077	14.591

#1	-.00244	-.00041	347.20	.00054	.00409	2.0038	.00038	.03839
#2	-.00215	.00031	345.28	.00070	.00397	1.9988	.00090	.04723

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0735	4.7595	.00171	-.00413	.03446	.0056	.76511	8.5753
Stddev	.0105	.0360	.00058	.00015	.00373	.0008	.00179	1.3248
%RSD	.20770	.75605	33.672	3.7528	10.837	13.78	.23336	15.449

#1	5.0660	4.7341	.00130	-.00424	.03182	.0061	.76385	9.5121
#2	5.0809	4.7850	.00212	-.00402	.03710	.0050	.76637	7.6386

Elem	U_3859
Units	ppm
Avg	3.4133
Stddev	.3969
%RSD	11.629

#1	3.6940
#2	3.1326

Sample Name: J4988-08 Acquired: 9/20/2018 19:05:00 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1727.0	39843.	3867.2	94.083	2615.1
Stddev	12.3	566.	14.7	.433	8.4
%RSD	.71093	1.4205	.38074	.46009	.32006
#1	1718.3	39443.	3856.8	93.776	2609.2
#2	1735.7	40244.	3877.6	94.389	2621.0

Sample Name: J4993-05 Acquired: 9/20/2018 19:09:08 Type: Unk
Method: P4-ICP2(v2444) 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	-.00350	-.00447	.00496	-.00189	-.00247	.11611	.18935	.00011
Stddev	.00396	.00063	.00126	.00138	.00268	.00528	.00028	.00004
%RSD	113.03	14.098	25.455	73.138	108.44	4.5472	.14631	34.373
#1	-.00631	-.00491	.00586	-.00287	-.00437	.11985	.18955	.00008
#2	-.00070	-.00402	.00407	-.00091	-.00058	.11238	.18915	.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00018	27.648	.00064	.00708	.00973	5.3898	.56020	1.5940
Stddev	.00008	.011	.00037	.00004	.00016	.1291	.00079	.1293
%RSD	41.253	.03953	57.430	.53693	1.6302	2.3951	.14130	8.1133
#1	-.00013	27.640	.00038	.00710	.00961	5.4811	.55964	1.6855
#2	-.00024	27.656	.00090	.00705	.00984	5.2986	.56076	1.5026

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04428	-.00045	253.81	-.00069	.52012	1.1074	.00003	.04200
Stddev	.00015	.00033	3.48	.00003	.01418	.0514	.00006	.00680
%RSD	.33954	72.781	1.3731	4.0006	2.7264	4.6451	175.94	16.192
#1	.04439	-.00068	256.27	-.00071	.53015	1.0710	-.00001	.04681
#2	.04418	-.00022	251.34	-.00067	.51010	1.1438	.00008	.03719

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.33702	1.3677	.00350	.00447	-.00388	.0189	.16980	3.8135
Stddev	.00099	.0170	.00104	.00124	.00158	.0021	.00039	.0618
%RSD	.29485	1.2442	29.827	27.680	40.655	11.10	.23082	1.6196
#1	.33631	1.3798	.00423	.00359	-.00500	.0204	.17008	3.8572
#2	.33772	1.3557	.00276	.00534	-.00277	.0175	.16952	3.7698

Elem	U_3859
Units	ppm
Avg	3.9623
Stddev	.5249
%RSD	13.247
#1	3.5911
#2	4.3334

Sample Name: J4993-05 Acquired: 9/20/2018 19:09:08 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1793.3	41194.	3989.6	96.080	2759.9
Stddev	10.9	107.	54.1	3.380	26.1
%RSD	.60565	.26062	1.3567	3.5175	.94519
#1	1785.6	41119.	3951.4	93.690	2741.4
#2	1801.0	41270.	4027.9	98.470	2778.3

Sample Name: J5001-01 Acquired: 9/20/2018 19:13:15 Type: Unk
Method: P4-ICP2(v2444) 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	-.00420	-.00434	.00060	-.00217	-.00092	.09999	.19589	-.00001
Stddev	.00045	.00125	.00061	.00179	.00114	.00045	.00017	.00008
%RSD	10.617	28.820	101.74	82.852	123.67	.45271	.08649	1451.4

#1	-.00389	-.00346	.00104	-.00344	-.00012	.09967	.19601	.00005
#2	-.00452	-.00523	.00017	-.00090	-.00173	.10031	.19577	-.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00083	9.2120	-.00003	.00001	.00288	.05913	.05718	1.1677
Stddev	.00017	.0419	.00009	.00004	.00091	.00067	.00042	.0239
%RSD	20.376	.45442	317.98	300.84	31.691	1.1271	.72610	2.0436

#1	.00071	9.2416	.00004	-.00002	.00352	.05866	.05689	1.1508
#2	.00095	9.1824	-.00009	.00004	.00223	.05960	.05747	1.1845

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00126	-.00018	298.61	-.00070	.25904	.44247	-.00004	.04419
Stddev	.00005	.00015	8.13	.00038	.00760	.01714	.00021	.01007
%RSD	3.9197	85.862	2.7218	54.408	2.9342	3.8733	500.28	22.792

#1	.00130	-.00029	304.36	-.00097	.26442	.43035	-.00019	.03707
#2	.00123	-.00007	292.86	-.00043	.25367	.45459	.00011	.05132

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.60785	.55685	.00442	-.00135	-.02011	.0109	.02311	3.5650
Stddev	.00774	.01092	.00098	.00000	.00783	.0026	.00017	.2544
%RSD	1.2740	1.9603	22.163	.04768	38.957	23.89	.75087	7.1362

#1	.60238	.56457	.00511	-.00135	-.01457	.0090	.02299	3.7449
#2	.61333	.54913	.00372	-.00135	-.02565	.0127	.02324	3.3851

Elem	U_3859
Units	ppm
Avg	3.1201
Stddev	.7728
%RSD	24.769

#1	3.6666
#2	2.5736

Sample Name: J5001-01 Acquired: 9/20/2018 19:13:15 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1774.8	41300.	3982.2	96.452	2742.2
Stddev	12.4	30.	90.2	3.381	15.3
%RSD	.70000	.07273	2.2661	3.5056	.55941
#1	1766.0	41321.	3918.4	94.061	2731.3
#2	1783.6	41279.	4046.0	98.843	2753.0

Sample Name: J5001-04 Acquired: 9/20/2018 19:17:24 Type: Unk
Method: P4-ICP2(v2444) 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	-.00182	-.00300	.00106	-.00014	-.00382	.12696	.05281	.00003
Stddev	.00052	.00019	.00023	.00614	.00085	.01119	.00041	.00007
%RSD	28.484	6.2617	21.747	4288.7	22.238	8.8113	.77314	230.63

#1	-.00145	-.00287	.00090	-.00449	-.00322	.11905	.05310	.00008
#2	-.00219	-.00314	.00122	.00420	-.00442	.13487	.05252	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	4.6501	.00000	.00081	.00823	.35281	.07087	.47947
Stddev	.00005	.0012	.00005	.00005	.00060	.00706	.00008	.04618
%RSD	59.542	.02520	11936.	6.1103	7.2910	2.0023	.11413	9.6320

#1	-.00011	4.6493	.00003	.00077	.00865	.35780	.07093	.51213
#2	-.00004	4.6509	-.00003	.00084	.00780	.34781	.07082	.44682

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00174	-.00011	319.81	-.00047	.02600	.35811	-.00007	.02119
Stddev	.00036	.00021	2.68	.00044	.00034	.00806	.00000	.00314
%RSD	20.440	187.41	.83672	91.933	1.3009	2.2510	.36976	14.835

#1	.00149	.00004	317.91	-.00078	.02624	.36381	-.00007	.02341
#2	.00199	-.00026	321.70	-.00017	.02576	.35241	-.00007	.01897

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06323	.37216	.00254	.00137	-.02705	.0072	.01555	2.9423
Stddev	.00154	.00795	.00069	.00043	.00533	.0029	.00001	.3311
%RSD	2.4316	2.1359	27.027	31.259	19.712	40.58	.06948	11.252

#1	.06214	.36654	.00206	.00167	-.02328	.0051	.01554	3.1764
#2	.06431	.37778	.00303	.00107	-.03082	.0092	.01556	2.7082

Elem	U_3859
Units	ppm
Avg	3.0401
Stddev	.3073
%RSD	10.107

#1	3.2574
#2	2.8229

Sample Name: J5001-04 Acquired: 9/20/2018 19:17:24 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1833.5	42213.	4077.5	99.897	2795.6
Stddev	8.0	95.	3.8	.923	12.7
%RSD	.43459	.22412	.09412	.92394	.45393
#1	1839.1	42146.	4080.2	99.244	2804.6
#2	1827.8	42280.	4074.8	100.55	2786.6

Sample Name: J5001-04DUP Acquired: 9/20/2018 19:21:33 Type: Unk
Method: P4-ICP2(v2444) 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	-.00162	-.00311	-.00083	-.00152	-.00361	.10659	.05287	-.00005
Stddev	.00364	.00056	.00088	.00031	.00089	.00460	.00045	.00011
%RSD	225.13	18.092	106.60	20.340	24.712	4.3120	.84954	230.20

#1	.00096	-.00351	-.00020	-.00130	-.00424	.10334	.05255	-.00013
#2	-.00419	-.00272	-.00145	-.00174	-.00298	.10984	.05318	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	4.6136	.00024	.00066	.00826	.35372	.07038	.51684
Stddev	.00002	.0246	.00065	.00023	.00003	.03113	.00053	.03588
%RSD	81.380	.53316	269.73	35.146	.35168	8.8000	.75869	6.9418

#1	-.00004	4.5962	.00070	.00050	.00828	.37573	.07000	.49147
#2	-.00001	4.6310	-.00022	.00082	.00824	.33171	.07076	.54221

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00168	-.00012	317.15	-.00118	.02620	.40345	.00025	.01850
Stddev	.00003	.00060	5.24	.00045	.00014	.02767	.00036	.00178
%RSD	1.9465	493.96	1.6516	38.362	.52803	6.8574	145.51	9.6284

#1	.00170	.00030	313.45	-.00086	.02610	.38389	.00050	.01724
#2	.00166	-.00055	320.86	-.00150	.02630	.42302	-.00001	.01976

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05966	.36499	.00335	.00192	-.00965	.0056	.01543	4.3824
Stddev	.00233	.00974	.00130	.00026	.00777	.0000	.00012	.3726
%RSD	3.9012	2.6676	38.718	13.298	80.511	.7052	.79456	8.5031

#1	.05802	.35810	.00427	.00210	-.01514	.0055	.01534	4.6459
#2	.06131	.37187	.00243	.00174	-.00416	.0056	.01552	4.1189

Elem	U_3859
Units	ppm
Avg	3.0296
Stddev	.0328
%RSD	1.0824

#1	3.0528
#2	3.0064

Sample Name: J5001-04DUP Acquired: 9/20/2018 19:21:33 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1780.3	41124.	3981.6	97.068	2721.0
Stddev	5.7	134.	49.7	.154	8.8
%RSD	.31801	.32686	1.2473	.15839	.32236
#1	1776.3	41029.	4016.7	97.177	2714.8
#2	1784.3	41219.	3946.5	96.959	2727.2

Sample Name: J5001-04LX5 Acquired: 9/20/2018 19:25:44 Type: Unk
Method: P4-ICP2(v2444) 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	.00007	-.00170	-.00181	-.00362	-.00272	.02387	.01240	.00007
Stddev	.00316	.00119	.00047	.00460	.00080	.01032	.00041	.00004
%RSD	4337.4	69.966	26.059	126.98	29.475	43.253	3.2861	61.688

#1	.00231	-.00086	-.00214	-.00037	-.00329	.01657	.01268	.00004
#2	-.00216	-.00255	-.00147	-.00687	-.00216	.03117	.01211	.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	.99582	.00003	.00022	.00199	.07904	.01536	.13452
Stddev	.00006	.00371	.00026	.00002	.00049	.00340	.00024	.05666
%RSD	52.406	.37233	777.35	8.6366	24.422	4.3075	1.5620	42.117

#1	-.00017	.99320	.00022	.00021	.00165	.07664	.01553	.17459
#2	-.00008	.99844	-.00015	.00023	.00234	.08145	.01519	.09446

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00021	-.00020	68.943	-.00055	.00612	.06952	-.00028	.00402
Stddev	.00046	.00011	.032	.00006	.00021	.02163	.00027	.01495
%RSD	217.23	57.658	.04677	10.649	3.3534	31.116	98.822	371.63

#1	-.00011	-.00012	68.920	-.00051	.00597	.05423	-.00047	.01459
#2	.00054	-.00028	68.965	-.00059	.00626	.08482	-.00008	-.00655

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00984	.08009	.00103	-.00090	-.01025	.0008	.00332	2.4496
Stddev	.00204	.00416	.00036	.00168	.00488	.0006	.00002	.2889
%RSD	20.766	5.1947	34.936	187.28	47.599	72.47	.57389	11.792

#1	.00840	.08303	.00129	.00029	-.00680	.0013	.00334	2.2454
#2	.01129	.07715	.00078	-.00209	-.01370	.0004	.00331	2.6539

Elem	U_3859
Units	ppm
Avg	1.7194
Stddev	.0325
%RSD	1.8910

#1	1.6964
#2	1.7423

Sample Name: J5001-04LX5 Acquired: 9/20/2018 19:25:44 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1868.9	43061.	3938.8	96.491	2958.8
Stddev	8.4	47.	.1	.861	11.4
%RSD	.44959	.11025	.00281	.89188	.38501
#1	1863.0	43028.	3938.9	97.100	2950.7
#2	1874.9	43095.	3938.8	95.883	2966.8

Sample Name: J5001-04MS Acquired: 9/20/2018 19:29:48 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.76635	1.7793	.88694	1.9209	.72876	2.0241	.23690	.17770	.18455
Stddev	.00170	.0157	.00669	.0010	.00209	.0208	.00184	.00086	.00081
%RSD	.22182	.88055	.75398	.05362	.28622	1.0257	.77853	.48602	.44051

#1	.76755	1.7682	.88222	1.9216	.72729	2.0095	.23821	.17709	.18398
#2	.76515	1.7903	.89167	1.9201	.73024	2.0388	.23560	.17831	.18513

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.4906	.39011	.17697	.27599	3.2887	.25420	2.2004	.45864	.06495
Stddev	.0483	.00093	.00020	.00273	.0384	.00009	.0141	.00066	.00003
%RSD	.87953	.23874	.11387	.99008	1.1687	.03425	.64178	.14359	.04234

#1	5.5247	.38945	.17683	.27406	3.2616	.25426	2.1904	.45818	.06494
#2	5.4564	.39077	.17711	.27793	3.3159	.25414	2.2104	.45911	.06497

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	319.24	.27711	.20855	9.6317	.37180	.27177	.06088	1.1142	.61388
Stddev	2.42	.00038	.00427	.0272	.00140	.00379	.00596	.0006	.00294
%RSD	.75689	.13821	2.0491	.28243	.37524	1.3941	9.7940	.05857	.47968

#1	320.95	.27684	.20553	9.6509	.37081	.26909	.06509	1.1137	.61180
#2	317.53	.27738	.21157	9.6125	.37278	.27445	.05666	1.1146	.61596

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.18271	1.6014	5.361	.18652	3.7538	1.8636			
Stddev	.00423	.0107	.034	.00264	.3990	.3652			
%RSD	2.3131	.66761	.6396	1.4173	10.630	19.596			

#1	.18570	1.6090	5.337	.18838	4.0360	2.1218			
#2	.17972	1.5938	5.385	.18465	3.4717	1.6054			

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306				
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S				
Avg	1807.4	41758.	3992.0	96.561	2737.9				
Stddev	5.6	90.	14.7	1.349	6.5				
%RSD	.30921	.21583	.36898	1.3970	.23563				

#1	1803.4	41694.	3981.6	97.514	2733.3				
#2	1811.3	41822.	4002.4	95.607	2742.4				

Sample Name: J5001-04MSD Acquired: 9/20/2018 19:33:47 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.76553	1.7937	.89115	1.9403	.73084	2.0460	.23801	.17966	.18571
Stddev	.00211	.0010	.00081	.0135	.00248	.0120	.00039	.00001	.00010
%RSD	.27544	.05870	.09054	.69489	.33876	.58625	.16271	.00371	.05649

#1	.76404	1.7929	.89058	1.9498	.73259	2.0376	.23828	.17966	.18564
#2	.76702	1.7944	.89172	1.9308	.72909	2.0545	.23773	.17965	.18579

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.5378	.39246	.17840	.27767	3.3056	.25636	2.1721	.46079	.06508
Stddev	.0184	.00124	.00008	.00024	.0649	.00015	.0198	.00045	.00041
%RSD	.33223	.31481	.04261	.08776	1.9629	.05692	.90952	.09809	.63282

#1	5.5508	.39334	.17835	.27750	3.3515	.25626	2.1581	.46047	.06537
#2	5.5248	.39159	.17846	.27784	3.2597	.25647	2.1861	.46110	.06479

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	322.06	.27870	.21093	9.7383	.37550	.28299	.06619	1.1378	.61991
Stddev	2.74	.00153	.00492	.0407	.00123	.00504	.00091	.0192	.00146
%RSD	.85133	.54814	2.3320	.41792	.32791	1.7824	1.3724	1.6847	.23605

#1	324.00	.27978	.21441	9.7671	.37637	.28656	.06555	1.1513	.62094
#2	320.12	.27762	.20745	9.7095	.37463	.27942	.06684	1.1242	.61887

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.18002	1.6308	5.422	.18860	3.9538	1.7265			
Stddev	.00122	.0116	.018	.00181	.2735	.2910			
%RSD	.68023	.71127	.3295	.96050	6.9178	16.858			

#1	.17915	1.6390	5.435	.18989	3.7604	1.9323			
#2	.18089	1.6226	5.410	.18732	4.1472	1.5207			

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306				
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S				
Avg	1784.6	41410.	3931.8	94.958	2702.7				
Stddev	12.8	7.	35.6	2.403	12.7				
%RSD	.71493	.01666	.90558	2.5309	.47012				

#1	1775.5	41406.	3906.6	93.258	2693.8				
#2	1793.6	41415.	3957.0	96.657	2711.7				

Sample Name: J5001-04A Acquired: 9/20/2018 19:37:46 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.76547	1.7740	.88841	1.9464	.72686	2.0637	.23886	.17893	.18467
Stddev	.00101	.0053	.00245	.0066	.00082	.0147	.00061	.00057	.00013
%RSD	.13247	.29645	.27565	.33756	.11249	.71077	.25630	.31815	.07196

#1	.76475	1.7702	.88668	1.9417	.72744	2.0533	.23929	.17852	.18458
#2	.76619	1.7777	.89014	1.9510	.72628	2.0741	.23843	.17933	.18477

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.5561	.38869	.17768	.27717	3.3173	.25625	2.2141	.46095	.06552
Stddev	.0453	.00212	.00008	.00031	.0494	.00025	.0274	.00047	.00040
%RSD	.81494	.54476	.04752	.11153	1.4891	.09617	1.2382	.10256	.61677

#1	5.5881	.39018	.17762	.27695	3.3522	.25608	2.2335	.46062	.06524
#2	5.5241	.38719	.17774	.27739	3.2823	.25643	2.1947	.46129	.06581

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	320.28	.27780	.20974	9.7593	.37350	.27831	.06605	1.1180	.61412
Stddev	2.04	.00107	.00552	.0329	.00042	.00758	.00263	.0140	.00003
%RSD	.63838	.38667	2.6305	.33705	.11258	2.7237	3.9777	1.2539	.00496

#1	321.73	.27704	.21364	9.7825	.37320	.27295	.06791	1.1279	.61410
#2	318.84	.27856	.20584	9.7360	.37379	.28367	.06419	1.1081	.61414

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.18165	1.6256	5.403	.18762	4.3420	2.3522			
Stddev	.00174	.0037	.003	.00274	.0234	.2479			
%RSD	.95748	.22773	.0619	1.4617	.53886	10.538			

#1	.18042	1.6230	5.405	.18956	4.3586	2.5275			
#2	.18288	1.6283	5.401	.18568	4.3255	2.1769			

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306				
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S				
Avg	1797.0	41394.	3958.2	95.684	2722.1				
Stddev	7.0	37.	28.3	2.084	6.1				
%RSD	.39087	.08958	.71555	2.1780	.22534				

#1	1801.9	41420.	3938.2	94.211	2726.4				
#2	1792.0	41368.	3978.2	97.158	2717.8				

Sample Name: PB112863BL Acquired: 9/20/2018 19:41:44 Type: Unk
Method: P4-ICP2(v2444) 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	.00063	-.00019	-.00175	-.00461	-.00273	.00123	.00049
Stddev	.00461	.00036	.00193	.00185	.00046	.00025	.00025
%RSD	728.13	192.94	110.19	40.089	17.022	19.900	51.836

#1	.00390	.00007	-.00039	-.00330	-.00240	.00106	.00067
#2	-.00263	-.00044	-.00312	-.00591	-.00306	.00141	.00031

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.00016	-.02007	-.00022	-.00008	.00051	-.01163
Stddev	.00006	.00000	.01723	.00087	.00004	.00045	.00158
%RSD	130.22	1.8294	85.815	393.05	52.170	89.069	13.611

#1	.00000	-.00016	-.00789	.00039	-.00011	.00083	-.01275
#2	.00009	-.00017	-.03225	-.00083	-.00005	.00019	-.01051

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	.05253	.00014	-.00037	.16422	-.00095	-.00003
Stddev	.00002	.02055	.00005	.00014	.00723	.00036	.00004
%RSD	61.220	39.120	37.069	38.714	4.4023	37.506	110.45

#1	-.00006	.06706	.00010	-.00047	.16933	-.00070	-.00001
#2	-.00002	.03800	.00018	-.00027	.15910	-.00121	-.00006

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01053	.00005	.00222	-.00067	-.00537	-.00019	-.00030
Stddev	.01978	.00027	.00269	.00066	.00149	.00044	.00326
%RSD	187.91	484.60	121.23	98.343	27.688	237.94	1090.1

#1	.00346	.00024	.00413	-.00114	-.00432	.00013	-.00260
#2	-.02452	-.00013	.00032	-.00020	-.00642	-.00050	.00201

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	F -.01423	-.0020	-.00011	F 1.7689	F 1.3126		
Stddev	.01992	.0020	.00011	.3300	.3103		
%RSD	139.99	96.42	102.18	18.656	23.640		

#1	-.00014	-.0034	-.00018	2.0023	1.0932		
#2	-.02831	-.0007	-.00003	1.5356	1.5320		

Sample Name: PB112863BL Acquired: 9/20/2018 19:41:44 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1908.1	43853.	3885.7	95.519	3154.1
Stddev	5.2	53.	18.5	.980	10.3
%RSD	.27210	.12181	.47546	1.0263	.32575
#1	1904.4	43891.	3872.6	94.826	3146.8
#2	1911.7	43815.	3898.7	96.212	3161.4

Sample Name: CCV08 Acquired: 9/20/2018 19:45:50 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9350	4.8769	4.7773	4.9163	4.9548	10.168	9.9267
Stddev	.0028	.0043	.0036	.0272	.0082	.117	.0413
%RSD	.05687	.08712	.07621	.55330	.16626	1.1537	.41565

#1	4.9370	4.8799	4.7799	4.9355	4.9606	10.251	9.8976
#2	4.9330	4.8739	4.7748	4.8970	4.9490	10.085	9.9559

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24296	2.4064	24.323	.99749	2.4070	1.2551	5.0092
Stddev	.00020	.0003	.146	.00061	.0021	.0014	.0435
%RSD	.08409	.01256	.60204	.06146	.08848	.10736	.86867

#1	.24281	2.4066	24.426	.99792	2.4085	1.2560	5.0400
#2	.24310	2.4062	24.219	.99705	2.4055	1.2541	4.9784

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4781	23.663	2.4158	1.2102	23.976	2.4687	2.5253
Stddev	.0009	.166	.0034	.0029	.117	.0077	.0099
%RSD	.03462	.70260	.14051	.24123	.49009	.31230	.39096

#1	2.4775	23.780	2.4182	1.2081	23.893	2.4632	2.5323
#2	2.4787	23.545	2.4134	1.2123	24.059	2.4741	2.5183

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.464	4.9590	4.8021	4.8380	4.6049	4.7989	4.9079
Stddev	.115	.0072	.0016	.0176	.0400	.0301	.0167
%RSD	.46954	.14503	.03339	.36395	.86819	.62628	.33922

#1	24.382	4.9641	4.8010	4.8504	4.5766	4.8202	4.9196
#2	24.545	4.9539	4.8032	4.8255	4.6332	4.7777	4.8961

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	4.5231	4.969	4.8491	F 3.1578	F 3.5867
Stddev	.0169	.015	.0197	.3478	.0094
%RSD	.37365	.2980	.40595	11.013	.26147

#1	4.5351	4.979	4.8352	2.9119	3.5800
#2	4.5112	4.958	4.8631	3.4037	3.5933

Sample Name: CCV08 Acquired: 9/20/2018 19:45:50 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1852.6	42665.	3906.1	94.285	2825.3
Stddev	7.1	99.	11.3	.508	7.9
%RSD	.38234	.23143	.28801	.53881	.27832
#1	1847.6	42596.	3914.0	93.926	2819.7
#2	1857.6	42735.	3898.1	94.645	2830.9

Sample Name: CCB08 Acquired: 9/20/2018 19:49:35 Type: Unk
Method: P4-ICP2(v2444) 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	-.00173	-.00125	-.00229	-.00437	-.00085	-.00500	.00055
Stddev	.00536	.00196	.00034	.00186	.00020	.00064	.00040
%RSD	310.98	156.94	14.683	42.614	23.649	12.812	72.109

#1	-.00552	-.00264	-.00253	-.00569	-.00071	-.00546	.00027
#2	.00207	.00014	-.00206	-.00306	-.00099	-.00455	.00084

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.00011	-.01006	-.00060	-.00010	.00006	-.00530
Stddev	.00005	.00004	.02298	.00045	.00028	.00003	.00270
%RSD	169.11	36.713	228.50	76.280	290.22	56.560	51.016

#1	-.00006	-.00008	.00619	-.00027	-.00030	.00008	-.00339
#2	.00001	-.00014	-.02630	-.00092	.00010	.00003	-.00721

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	.00431	.00004	.00008	.01778	-.00077	.00002
Stddev	.00008	.03892	.00015	.00035	.00889	.00021	.00007
%RSD	256.62	902.43	341.50	430.08	50.000	27.629	336.03

#1	-.00009	-.02321	-.00006	-.00017	.01150	-.00092	-.00003
#2	.00002	.03183	.00015	.00033	.02407	-.00062	.00007

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.05640	.00041	.00295	-.00045	-.00684	-.00086	-.00008
Stddev	.00665	.00015	.00233	.00407	.00624	.00004	.00009
%RSD	11.792	37.641	78.723	894.86	91.298	4.7918	104.87

#1	-.05170	.00052	.00131	.00242	-.00242	-.00089	-.00015
#2	-.06110	.00030	.00460	-.00333	-.01125	-.00083	-.00002

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	F -.03106	-.0025	.00005	F 1.7202	F 1.1752		
Stddev	.00990	.0002	.00010	.1720	.3309		
%RSD	31.877	6.172	206.93	9.9996	28.157		

#1	-.02406	-.0026	.00012	1.8419	.94120		
#2	-.03807	-.0024	-.00002	1.5986	1.4092		

Sample Name: CCB08 Acquired: 9/20/2018 19:49:35 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1907.0	43985.	3906.2	94.042	3158.5
Stddev	4.2	140.	1.5	2.217	2.8
%RSD	.22237	.31743	.03917	2.3577	.08714
#1	1904.0	43886.	3905.1	92.474	3160.5
#2	1910.0	44084.	3907.3	95.610	3156.6

Sample Name: PB112863BS Acquired: 9/20/2018 19:53:41 Type: Unk
Method: P4-ICP2(v2444) 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	.80532	1.9803	.95293	1.9931	.77711	2.0739	.21107
Stddev	.00313	.0117	.00124	.0156	.00442	.0394	.00089
%RSD	.38904	.58967	.13007	.78439	.56919	1.9001	.42225

#1	.80311	1.9720	.95205	2.0041	.78024	2.0460	.21044
#2	.80754	1.9886	.95380	1.9820	.77398	2.1018	.21170

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18512	.19162	1.0155	.40621	.18971	.31326	3.1061
Stddev	.00061	.00061	.0122	.00005	.00042	.00141	.0428
%RSD	.32681	.31578	1.1993	.01240	.22055	.45028	1.3789

#1	.18469	.19119	1.0069	.40618	.18941	.31226	3.0758
#2	.18555	.19204	1.0241	.40625	.19000	.31426	3.1364

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21003	1.9432	.47504	.06992	2.9857	.31269	.20344
Stddev	.00062	.0343	.00027	.00091	.0233	.00364	.00141
%RSD	.29588	1.7625	.05621	1.3072	.78048	1.1655	.69315

#1	.20959	1.9190	.47485	.07056	3.0021	.31527	.20244
#2	.21047	1.9675	.47523	.06927	2.9692	.31011	.20444

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.067	.41322	.30495	F -.00807	.92368	.62339	.19642
Stddev	.054	.00078	.00618	.00296	.01450	.00007	.00388
%RSD	.53529	.18952	2.0250	36.635	1.5703	.01169	1.9772

#1	10.105	.41378	.30932	-.00598	.93394	.62345	.19368
#2	10.029	.41267	.30058	-.01017	.91343	.62334	.19917

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	F 1.7828	5.142	.19532	F 2.0755	F<.00000		
Stddev	.0000	.013	.00100	.7702	.21268		
%RSD	.00168	.2522	.51117	37.111	32.792		

#1	1.7828	5.133	.19603	1.5308	-.49818		
#2	1.7828	5.152	.19462	2.6201	-.79896		

Sample Name: PB112863BS Acquired: 9/20/2018 19:53:41 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1865.1	43566.	3961.5	97.198	3083.5
Stddev	11.7	22.	31.4	.040	20.3
%RSD	.62646	.04955	.79191	.04157	.65800
#1	1856.8	43581.	3939.3	97.170	3069.2
#2	1873.3	43551.	3983.7	97.227	3097.9

Sample Name: J4904-01 Acquired: 9/20/2018 19:57:33 Type: Unk
Method: P4-ICP2(v2444) 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	.05342	-.00666	.41030	-.00971	-.00113	139.31	.63092
Stddev	.00023	.00020	.00477	.00149	.00046	.08	.00164
%RSD	.43980	2.9534	1.1620	15.398	40.720	.05765	.26028

#1	.05359	-.00652	.41367	-.00865	-.00080	139.36	.62976
#2	.05326	-.00680	.40693	-.01076	-.00145	139.25	.63208

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01115	.00278	16.874	.41914	.01654	.14947	140.42
Stddev	.00022	.00042	.029	.00111	.00012	.00144	1.70
%RSD	1.9590	15.249	.17428	.26402	.69983	.96349	1.2100

#1	.01131	.00308	16.853	.41836	.01662	.15048	139.22
#2	.01100	.00248	16.895	.41992	.01646	.14845	141.63

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24613	14.109	.06807	.00427	.39857	.29088	.49238
Stddev	.00025	.004	.00018	.00055	.00206	.00039	.01118
%RSD	.10056	.03144	.27038	12.977	.51754	.13450	2.2709

#1	.24631	14.106	.06820	.00388	.40003	.29116	.48448
#2	.24596	14.112	.06794	.00467	.39711	.29061	.50029

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.986	.00028	.21957	4.8628	7.8083	.01846	.35088
Stddev	.064	.00072	.01547	.0493	.0674	.00142	.00165
%RSD	.25598	255.01	7.0468	1.0128	.86320	7.6648	.46937

#1	24.941	-.00023	.20863	4.8976	7.7606	.01946	.35204
#2	25.031	.00079	.23051	4.8280	7.8560	.01746	.34971

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.54385	7.455	.09332	F<.00000	3.5188
Stddev	.00329	.055	.00034	.21250	.5261
%RSD	.60475	.7397	.36046	4.2740	14.951

#1	.54617	7.494	.09356	-4.8217	3.1468
#2	.54152	7.416	.09308	-5.1222	3.8908

Sample Name: J4904-01 Acquired: 9/20/2018 19:57:33 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2013.7	46352.	4366.8	94.880	2829.6
Stddev	21.8	121.	16.3	1.830	32.0
%RSD	1.0820	.26166	.37434	1.9287	1.1306
#1	1998.3	46266.	4378.4	96.174	2806.9
#2	2029.1	46438.	4355.2	93.586	2852.2

Sample Name: J4904-02 Acquired: 9/20/2018 20:01:27 Type: Unk
Method: P4-ICP2(v2444) 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	.05049	-.00485	.28650	-.01175	-.00031	32.280	.18106
Stddev	.00435	.00107	.00430	.00233	.00045	.184	.00764
%RSD	8.6176	22.016	1.5002	19.867	147.21	.56854	4.2198

#1	.04742	-.00409	.28954	-.01010	.00001	32.150	.17566
#2	.05357	-.00560	.28346	-.01340	-.00062	32.409	.18646

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00324	.00101	11.919	.14955	.00411	.08644	65.837
Stddev	.00003	.00030	.570	.00130	.00002	.00328	3.056
%RSD	1.0431	29.999	4.7795	.87111	.44434	3.7955	4.6422

#1	.00322	.00122	11.516	.14863	.00412	.08876	63.676
#2	.00327	.00080	12.321	.15047	.00410	.08412	67.998

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18905	5.4404	.01753	.00120	-.06225	.11495	.23085
Stddev	.00117	.2151	.00036	.00035	.01431	.00067	.00853
%RSD	.61883	3.9543	2.0721	28.955	22.985	.58454	3.6955

#1	.18823	5.2882	.01727	.00144	-.07237	.11448	.22482
#2	.18988	5.5925	.01778	.00095	-.05214	.11543	.23689

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.816	.00050	.11500	2.5639	12.261	.01237	.23231
Stddev	.346	.00015	.00508	.0336	.470	.00067	.00762
%RSD	3.1960	29.955	4.4132	1.3101	3.8314	5.4082	3.2804

#1	10.572	.00060	.11859	2.5876	11.928	.01190	.22692
#2	11.061	.00039	.11141	2.5401	12.593	.01284	.23770

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.09693	4.255	.03209	F<.00000	7.9430
Stddev	.01718	.046	.00113	.17041	.4597
%RSD	17.722	1.071	3.5373	8.8951	5.7876

#1	.08479	4.288	.03128	-2.0363	8.2680
#2	.10908	4.223	.03289	-1.7953	7.6179

Sample Name: J4904-02 Acquired: 9/20/2018 20:01:27 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1899.3	44674.	4253.0	99.305	2952.4
Stddev	23.2	106.	157.6	3.423	41.9
%RSD	1.2241	.23772	3.7064	3.4473	1.4184
#1	1882.8	44749.	4364.5	101.73	2922.7
#2	1915.7	44599.	4141.6	96.885	2982.0

Sample Name: J4904-03 Acquired: 9/20/2018 20:05:25 Type: Unk
Method: P4-ICP2(v2444) 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	.06554	-.00455	.24350	-.01486	-.00233	32.362	.30874
Stddev	.00093	.00045	.00062	.00259	.00168	.017	.00045
%RSD	1.4145	9.9779	.25514	17.414	71.999	.05155	.14605

#1	.06489	-.00487	.24394	-.01670	-.00114	32.350	.30842
#2	.06620	-.00423	.24306	-.01303	-.00352	32.374	.30906

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00700	.00094	3.1623	.17549	.00846	.12428	107.71
Stddev	.00017	.00003	.0107	.00091	.00005	.00035	.58
%RSD	2.4459	2.8944	.33857	.51578	.64793	.28087	.53489

#1	.00688	.00096	3.1548	.17485	.00849	.12453	107.30
#2	.00712	.00092	3.1699	.17613	.00842	.12403	108.11

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.83505	6.1871	.01718	.00227	-.09001	.12754	.36987
Stddev	.00019	.0739	.00028	.00021	.00801	.00089	.00218
%RSD	.02331	1.1945	1.6524	9.2549	8.8965	.69663	.58942

#1	.83519	6.2394	.01698	.00213	-.09567	.12691	.36833
#2	.83491	6.1348	.01738	.00242	-.08435	.12817	.37141

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.571	.00143	.14320	1.5480	9.4249	.01180	.32126
Stddev	.084	.00002	.00204	.0004	.0191	.00027	.00015
%RSD	.54106	1.6385	1.4238	.02896	.20259	2.3121	.04611

#1	15.511	.00142	.14176	1.5483	9.4114	.01161	.32116
#2	15.630	.00145	.14464	1.5477	9.4384	.01199	.32137

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	.12971	7.568	.02620	F<.00000	6.1542		
Stddev	.00550	.005	.00032	.11254	.7234		
%RSD	4.2409	.0618	1.2155	3.3789	11.755		

#1	.12582	7.572	.02598	-3.4104	6.6657		
#2	.13360	7.565	.02643	-3.2513	5.6426		

Sample Name: J4904-03 Acquired: 9/20/2018 20:05:25 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1914.0	44546.	4105.7	97.278	2972.6
Stddev	.2	34.	1.3	.446	2.8
%RSD	.00813	.07730	.03245	.45808	.09567
#1	1914.1	44522.	4104.7	97.593	2970.6
#2	1913.9	44570.	4106.6	96.963	2974.6

Sample Name: J4904-04 Acquired: 9/20/2018 20:09:24 Type: Unk
Method: P4-ICP2(v2444) 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	.14729	-.00409	.41064	-.02452	-.00042	91.501	.51173
Stddev	.00305	.00054	.00052	.00399	.00028	.934	.00703
%RSD	2.0684	13.229	.12685	16.273	66.983	1.0208	1.3730

#1	.14944	-.00371	.41028	-.02734	-.00022	90.841	.50676
#2	.14513	-.00447	.41101	-.02170	-.00062	92.162	.51670

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00911	.00326	10.816	.29611	.01425	.17703	164.54
Stddev	.00006	.00015	.087	.00034	.00029	.00034	.52
%RSD	.61962	4.7016	.80058	.11491	2.0280	.19217	.31872

#1	.00907	.00315	10.755	.29635	.01445	.17679	164.91
#2	.00915	.00337	10.878	.29587	.01405	.17727	164.16

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.41187	11.686	.04800	.00498	.37306	.23229	.51888
Stddev	.00122	.245	.00016	.00007	.00246	.00056	.00248
%RSD	.29594	2.0951	.34019	1.4697	.65952	.23941	.47778

#1	.41101	11.513	.04812	.00503	.37132	.23268	.52063
#2	.41273	11.859	.04789	.00493	.37480	.23190	.51712

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.872	.00256	.17756	4.1501	9.6085	.01743	.38832
Stddev	.134	.00003	.00606	.0011	.0369	.00118	.00708
%RSD	.79576	1.3407	3.4153	.02567	.38350	6.7520	1.8238

#1	16.777	.00253	.18185	4.1494	9.5824	.01660	.38331
#2	16.967	.00258	.17328	4.1509	9.6345	.01827	.39333

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	.43668	10.21	.04573	F<.00000	2.7382		
Stddev	.02186	.01	.00065	.03426	.3993		
%RSD	5.0061	.1371	1.4164	.52142	14.582		

#1	.42122	10.20	.04528	-6.5945	2.4559		
#2	.45213	10.22	.04619	-6.5460	3.0206		

Sample Name: J4904-04 Acquired: 9/20/2018 20:09:24 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1976.6	45966.	4277.2	96.372	2852.8
Stddev	11.0	45.	11.7	1.036	14.1
%RSD	.55792	.09815	.27366	1.0755	.49433
#1	1968.8	45997.	4285.5	95.639	2842.9
#2	1984.4	45934.	4268.9	97.105	2862.8

Sample Name: J4904-05 Acquired: 9/20/2018 20:13:19 Type: Unk
Method: P4-ICP2(v2444) 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	.29467	-.00784	.22808	-.02276	.00009	79.971	.35984
Stddev	.00245	.00143	.00163	.00075	.00109	.265	.00100
%RSD	.83024	18.260	.71367	3.2844	1170.4	.33141	.27920

#1	.29640	-.00885	.22924	-.02329	-.00068	80.159	.35913
#2	.29294	-.00683	.22693	-.02224	.00086	79.784	.36056

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00976	.00190	5.2416	.28114	.01516	.21462	177.38
Stddev	.00009	.00071	.0158	.00177	.00020	.00268	6.22
%RSD	.92638	37.206	.30058	.62893	1.2998	1.2490	3.5063

#1	.00969	.00240	5.2528	.27989	.01502	.21651	172.98
#2	.00982	.00140	5.2305	.28239	.01530	.21272	181.78

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.72630	13.107	.03872	.00462	-.04259	.22637	.41830
Stddev	.00019	.039	.00050	.00134	.01063	.00001	.01343
%RSD	.02648	.29865	1.2832	28.944	24.960	.00390	3.2107

#1	.72644	13.079	.03837	.00367	-.05011	.22637	.40881
#2	.72617	13.135	.03907	.00557	-.03507	.22636	.42780

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.504	.00257	.19851	1.6801	8.8704	.01397	.54236
Stddev	.097	.00033	.00832	.0029	.0618	.00076	.00424
%RSD	.45006	12.860	4.1917	.17407	.69718	5.4358	.78085

#1	21.435	.00234	.19262	1.6821	8.8266	.01343	.54535
#2	21.572	.00280	.20439	1.6780	8.9141	.01451	.53936

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.41577	9.363	.02859	F<.00000	1.6968
Stddev	.00649	.019	.00020	.50653	.1155
%RSD	1.5600	.2041	.68346	8.7744	6.8068

#1	.41119	9.349	.02845	-5.4146	1.6152
#2	.42036	9.376	.02873	-6.1310	1.7785

Sample Name: J4904-05 Acquired: 9/20/2018 20:13:19 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1930.4	44760.	4186.8	96.827	2862.9
Stddev	2.0	126.	16.1	3.301	3.7
%RSD	.10341	.28241	.38444	3.4091	.12854
#1	1931.8	44671.	4198.2	99.161	2865.5
#2	1929.0	44850.	4175.5	94.493	2860.3

Sample Name: J4904-06 Acquired: 9/20/2018 20:17:16 Type: Unk
Method: P4-ICP2(v2444) 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	.09515	-.00464	.22574	-.01505	-.00238	50.564	.27668
Stddev	.00157	.00054	.00023	.00562	.00087	.207	.00229
%RSD	1.6484	11.606	.10398	37.357	36.455	.41012	.82614

#1	.09404	-.00502	.22557	-.01903	-.00299	50.417	.27830
#2	.09626	-.00426	.22590	-.01108	-.00177	50.711	.27506

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00537	.00182	8.1884	.21326	.00815	.09544	113.46
Stddev	.00006	.00011	.0445	.00028	.00012	.00077	.13
%RSD	1.0521	5.9724	.54374	.13163	1.5005	.80415	.11159

#1	.00533	.00190	8.2199	.21306	.00824	.09598	113.37
#2	.00541	.00174	8.1569	.21346	.00807	.09489	113.55

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.32622	8.1451	.02510	.00295	-.03163	.17757	.30878
Stddev	.00035	.0071	.00085	.00038	.00239	.00137	.00066
%RSD	.10785	.08681	3.3874	12.980	7.5521	.77129	.21466

#1	.32597	8.1501	.02450	.00268	-.02994	.17660	.30832
#2	.32647	8.1401	.02570	.00322	-.03332	.17854	.30925

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.293	.00068	.14914	1.8421	7.9967	.01237	.27827
Stddev	.051	.00011	.01102	.0012	.0243	.00089	.00038
%RSD	.35430	16.490	7.3888	.06691	.30373	7.1698	.13770

#1	14.328	.00060	.14135	1.8430	8.0139	.01174	.27800
#2	14.257	.00076	.15694	1.8413	7.9795	.01300	.27854

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.22972	4.449	.03128	F<.00000	4.9171
Stddev	.00384	.010	.00011	.35747	.3560
%RSD	1.6720	.2242	.34395	8.5333	7.2401

#1	.22700	4.456	.03121	-3.9364	5.1689
#2	.23243	4.442	.03136	-4.4419	4.6654

Sample Name: J4904-06 Acquired: 9/20/2018 20:17:16 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1942.5	45545.	4193.7	97.396	2929.1
Stddev	8.6	28.	40.0	.092	8.6
%RSD	.44239	.06104	.95386	.09415	.29509
#1	1936.4	45525.	4165.4	97.331	2923.0
#2	1948.6	45564.	4222.0	97.461	2935.2

Sample Name: J4904-07 Acquired: 9/20/2018 20:21:13 Type: Unk
Method: P4-ICP2(v2444) 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	.29718	-.00486	.23312	-.02492	-.00167	79.458	.33693
Stddev	.00260	.00094	.00255	.00268	.00070	.260	.00458
%RSD	.87401	19.421	1.0930	10.764	42.193	.32665	1.3600

#1	.29534	-.00419	.23492	-.02303	-.00216	79.641	.33369
#2	.29902	-.00553	.23131	-.02682	-.00117	79.274	.34017

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00910	.00195	7.0883	.29740	.01511	.20594	176.07
Stddev	.00020	.00043	.1536	.00208	.00022	.00024	1.57
%RSD	2.2155	22.299	2.1670	.69982	1.4395	.11683	.89195

#1	.00895	.00226	6.9796	.29592	.01527	.20577	174.96
#2	.00924	.00164	7.1969	.29887	.01496	.20611	177.18

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.67955	13.766	.04154	.00458	-.03998	.22520	.41786
Stddev	.00022	.153	.00017	.00015	.01876	.00193	.00447
%RSD	.03230	1.1108	.40235	3.2819	46.921	.85608	1.0698

#1	.67970	13.874	.04142	.00447	-.05324	.22384	.41469
#2	.67939	13.658	.04165	.00469	-.02671	.22657	.42102

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.308	.00174	.22468	1.6347	8.9457	.01373	.58715
Stddev	.353	.00014	.01160	.0083	.1493	.00098	.00826
%RSD	1.4516	7.8313	5.1622	.50801	1.6685	7.1556	1.4064

#1	24.058	.00184	.21647	1.6406	8.8401	.01304	.58131
#2	24.557	.00164	.23288	1.6288	9.0512	.01443	.59299

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.40627	9.608	.04020	F<.00000	2.7165
Stddev	.00115	.027	.00021	.46265	.9263
%RSD	.28426	.2821	.52531	6.7058	34.099

#1	.40546	9.628	.04034	-6.5721	3.3715
#2	.40709	9.589	.04005	-7.2264	2.0615

Sample Name: J4904-07 Acquired: 9/20/2018 20:21:13 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1961.5	45494.	4266.3	95.642	2881.7
Stddev	1.7	16.	68.4	1.013	3.5
%RSD	.08450	.03472	1.6026	1.0587	.12121
#1	1962.7	45482.	4314.7	96.358	2879.3
#2	1960.3	45505.	4218.0	94.926	2884.2

Sample Name: J4904-08 Acquired: 9/20/2018 20:25:09 Type: Unk
Method: P4-ICP2(v2444) 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	.28651	-.01097	.19122	-.03076	-.00182	90.934	.32727
Stddev	.00161	.00152	.00324	.00584	.00269	.158	.00348
%RSD	.56235	13.904	1.6968	18.980	147.96	.17327	1.0635

#1	.28765	-.01204	.19351	-.03489	.00008	90.823	.32481
#2	.28537	-.00989	.18893	-.02663	-.00373	91.045	.32973

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00941	.00207	7.0727	.32099	.01512	.18323	205.79
Stddev	.00011	.00047	.0526	.00012	.00043	.00062	3.95
%RSD	1.1468	22.475	.74383	.03689	2.8562	.34045	1.9213

#1	.00933	.00240	7.0355	.32090	.01481	.18367	202.99
#2	.00948	.00174	7.1099	.32107	.01542	.18279	208.59

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.52447	14.693	.04116	.00505	-.04018	.26229	.39908
Stddev	.00041	.161	.00008	.00057	.00452	.00148	.00962
%RSD	.07815	1.0958	.19560	11.249	11.252	.56585	2.4098

#1	.52476	14.579	.04110	.00465	-.03699	.26334	.39228
#2	.52418	14.807	.04121	.00545	-.04338	.26125	.40588

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.803	.00216	.23175	1.6455	10.682	.01474	.64003
Stddev	.286	.00006	.00179	.0158	.102	.00144	.00098
%RSD	1.2534	2.6406	.77250	.95738	.95437	9.7830	.15296

#1	22.601	.00212	.23048	1.6566	10.610	.01372	.64072
#2	23.005	.00220	.23301	1.6344	10.754	.01576	.63933

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	.49086	8.363	.03337	F<.00000	1.1814		
Stddev	.00155	.018	.00008	.14194	.3020		
%RSD	.31518	.2125	.24345	1.8448	25.563		

#1	.49195	8.376	.03332	-7.7943	1.3949		
#2	.48977	8.350	.03343	-7.5936	.96782		

Sample Name: J4904-08 Acquired: 9/20/2018 20:25:09 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1919.6	44759.	4182.9	95.021	2832.3
Stddev	13.6	108.	32.9	1.642	22.5
%RSD	.71101	.24218	.78685	1.7282	.79315
#1	1909.9	44682.	4206.1	96.182	2816.4
#2	1929.2	44836.	4159.6	93.860	2848.2

Sample Name: J4904-09 Acquired: 9/20/2018 20:29:06 Type: Unk
Method: P4-ICP2(v2444) 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	.36182	-.00882	.30454	-.03495	-.00187	110.54	.64189
Stddev	.00268	.00068	.00190	.00477	.00144	.04	.00755
%RSD	.73968	7.6891	.62488	13.649	77.209	.03268	1.1763

#1	.36372	-.00834	.30588	-.03158	-.00085	110.52	.63655
#2	.35993	-.00930	.30319	-.03832	-.00288	110.57	.64723

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01499	.00345	16.401	.41122	.02925	.22005	300.97
Stddev	.00019	.00087	.175	.00138	.00017	.00168	6.97
%RSD	1.3001	25.219	1.0676	.33628	.59797	.76177	2.3165

#1	.01513	.00407	16.278	.41024	.02937	.22123	296.04
#2	.01486	.00284	16.525	.41220	.02913	.21886	305.90

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.37639	19.018	.06311	.00983	.11299	.32542	.70964
Stddev	.00024	.147	.00044	.00077	.00210	.00187	.01599
%RSD	.06315	.77280	.70462	7.8514	1.8543	.57471	2.2528

#1	.37656	18.914	.06343	.00929	.11151	.32674	.69834
#2	.37623	19.122	.06280	.01038	.11447	.32410	.72095

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.890	.00058	.29356	3.1447	8.6644	.02477	.33191
Stddev	.291	.00006	.00269	.0110	.0733	.00084	.00210
%RSD	1.2703	10.396	.91749	.34883	.84554	3.4118	.63136

#1	22.685	.00053	.29166	3.1524	8.6126	.02417	.33339
#2	23.096	.00062	.29546	3.1369	8.7162	.02536	.33043

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.59252	11.41	.07501	F<.00000	F<.00000
Stddev	.00108	.02	.00026	.46807	1.1239
%RSD	.18182	.1861	.34655	3.6720	17.189

#1	.59328	11.43	.07483	-12.416	-5.7438
#2	.59176	11.40	.07520	-13.078	-7.3333

Sample Name: J4904-09 Acquired: 9/20/2018 20:29:06 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1957.3	45958.	4339.6	94.159	2746.7
Stddev	6.5	110.	30.3	1.930	11.0
%RSD	.32965	.23938	.69762	2.0501	.40081
#1	1952.7	45880.	4361.0	95.524	2738.9
#2	1961.9	46035.	4318.2	92.794	2754.5

Sample Name: CCV09 Acquired: 9/20/2018 20:33:01 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9168	4.8317	4.7721	4.9257	4.9570	10.167	9.9630
Stddev	.0057	.0180	.0062	.0018	.0018	.038	.0710
%RSD	.11627	.37156	.13056	.03582	.03552	.36905	.71260

#1	4.9208	4.8190	4.7765	4.9245	4.9582	10.193	9.9128
#2	4.9127	4.8444	4.7677	4.9270	4.9557	10.140	10.013

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24189	2.3968	24.263	.99074	2.4039	1.2551	5.0905
Stddev	.00054	.0009	.022	.00267	.0017	.0030	.1599
%RSD	.22230	.03571	.09024	.26914	.06954	.23745	3.1410

#1	.24151	2.3961	24.248	.98885	2.4051	1.2573	5.2036
#2	.24227	2.3974	24.279	.99262	2.4028	1.2530	4.9775

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4721	23.726	2.4180	1.2093	24.104	2.4621	2.5708
Stddev	.0020	.026	.0027	.0008	.151	.0104	.0478
%RSD	.08162	.10958	.11066	.06706	.62837	.42091	1.8609

#1	2.4707	23.744	2.4161	1.2087	23.997	2.4548	2.6046
#2	2.4735	23.707	2.4199	1.2099	24.212	2.4694	2.5370

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.481	4.9563	4.7828	4.8144	4.6279	4.7868	4.9232
Stddev	.223	.0105	.0139	.0201	.0612	.0236	.0060
%RSD	.90888	.21159	.29071	.41664	1.3233	.49240	.12250

#1	24.323	4.9637	4.7729	4.8002	4.5846	4.8035	4.9275
#2	24.638	4.9489	4.7926	4.8286	4.6712	4.7702	4.9190

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	4.5282	4.946	4.8593	F 3.3442	F 3.1888
Stddev	.0069	.005	.0319	.1439	.0328
%RSD	.15205	.1095	.65621	4.3026	1.0293

#1	4.5331	4.950	4.8368	3.2425	3.1656
#2	4.5233	4.942	4.8819	3.4459	3.2120

Sample Name: CCV09 Acquired: 9/20/2018 20:33:01 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1847.0	42650.	3893.3	92.093	2822.9
Stddev	8.3	44.	30.2	1.994	9.3
%RSD	.45034	.10272	.77515	2.1655	.33036
#1	1841.1	42619.	3914.6	90.682	2816.3
#2	1852.8	42681.	3872.0	93.503	2829.5

Sample Name: CCB09 Acquired: 9/20/2018 20:36:47 Type: Unk
Method: P4-ICP2(v2444) 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	-.00164	-.00141	-.00290	-.00446	-.00229	-.00687	.00095
Stddev	.00115	.00062	.00112	.00091	.00208	.01335	.00088
%RSD	69.867	44.114	38.478	20.328	90.903	194.31	92.177

#1	-.00245	-.00097	-.00369	-.00510	-.00082	.00257	.00033
#2	-.00083	-.00184	-.00211	-.00382	-.00376	-.01630	.00157

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.00014	-.02274	-.00027	-.00025	.00032	.00313
Stddev	.00000	.00004	.01741	.00015	.00003	.00017	.01105
%RSD	10.041	28.000	76.534	57.545	11.028	53.168	352.95

#1	.00003	-.00016	-.03505	-.00038	-.00023	.00044	.01095
#2	.00004	-.00011	-.01044	-.00016	-.00026	.00020	-.00468

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	-.00042	.00042	-.00037	-.08943	-.00073	-.00005
Stddev	.00002	.00659	.00008	.00048	.00249	.00000	.00006
%RSD	17.939	1569.0	18.804	128.52	2.7896	.47038	111.20

#1	.00015	.00424	.00036	-.00071	-.09119	-.00074	-.00010
#2	.00011	-.00508	.00047	-.00003	-.08766	-.00073	-.00001

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.02975	.00026	.01666	-.00005	-.00423	.00082	-.00066
Stddev	.01382	.00019	.00409	.00027	.00005	.00002	.00047
%RSD	46.466	71.119	24.546	512.61	1.1107	2.8660	71.164

#1	-.03952	.00040	.01955	-.00024	-.00420	.00081	-.00099
#2	-.01997	.00013	.01377	.00014	-.00426	.00084	-.00033

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	F -.03576	-.0018	.00004	F 2.5782	F 1.4758		
Stddev	.01021	.0016	.00006	.5830	.3993		
%RSD	28.564	85.50	160.24	22.614	27.060		

#1	-.02853	-.0029	-.00000	2.9905	1.7581		
#2	-.04298	-.0007	.00008	2.1659	1.1934		

Sample Name: CCB09 Acquired: 9/20/2018 20:36:47 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1912.6	43746.	3891.6	95.439	3158.7
Stddev	8.7	732.	35.4	1.156	4.0
%RSD	.45327	1.6723	.90858	1.2113	.12741
#1	1906.5	43228.	3916.6	96.256	3155.9
#2	1918.8	44263.	3866.6	94.621	3161.6

Sample Name: J4904-10 Acquired: 9/20/2018 20:40:52 Type: Unk
Method: P4-ICP2(v2444) 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	.11321	-.00856	.92760	-.02275	.00246	124.63	.49255
Stddev	.00024	.00383	.00197	.00653	.00004	.87	.00312
%RSD	.21353	44.766	.21246	28.686	1.4610	.69512	.63388

#1	.11304	-.00585	.92620	-.01813	.00249	124.01	.49476
#2	.11338	-.01127	.92899	-.02736	.00244	125.24	.49034

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00926	.00247	12.254	.38006	.01757	.18067	213.74
Stddev	.00013	.00003	.037	.00089	.00030	.00065	1.24
%RSD	1.3665	1.1118	.30297	.23520	1.6976	.36110	.57966

#1	.00935	.00249	12.280	.37943	.01736	.18021	214.62
#2	.00917	.00245	12.228	.38070	.01778	.18113	212.87

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17485	15.802	.06659	.00789	2.5148	.31171	.47297
Stddev	.00036	.224	.00047	.00023	.0077	.00056	.00216
%RSD	.20318	1.4163	.70994	2.8871	.30561	.17891	.45652

#1	.17460	15.960	.06625	.00805	2.5094	.31132	.47450
#2	.17510	15.644	.06692	.00773	2.5202	.31211	.47144

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.563	.00484	.23203	8.0520	8.2444	.02465	.33001
Stddev	.089	.00020	.00017	.0025	.0680	.00180	.00420
%RSD	.39564	4.0443	.07450	.03074	.82513	7.2951	1.2724

#1	22.626	.00498	.23215	8.0538	8.2925	.02338	.33298
#2	22.500	.00470	.23191	8.0503	8.1963	.02592	.32704

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.69235	10.41	.11453	F<.00000	F<.00000
Stddev	.00252	.04	.00030	.06114	.36809
%RSD	.36381	.3743	.25793	.77817	29.005

#1	.69057	10.38	.11474	-7.8996	-1.0088
#2	.69413	10.44	.11432	-7.8131	-1.5293

Sample Name: J4904-10 Acquired: 9/20/2018 20:40:52 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1997.0	46253.	4343.7	93.462	2790.7
Stddev	4.5	9.	45.3	.903	4.1
%RSD	.22540	.01939	1.0423	.96635	.14643
#1	1993.8	46247.	4311.7	92.823	2787.9
#2	2000.2	46259.	4375.7	94.101	2793.6

Sample Name: J4904-11 Acquired: 9/20/2018 20:44:47 Type: Unk
Method: P4-ICP2(v2444) 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	.09626	-.00776	.26408	-.02249	-.00059	93.401	.21708
Stddev	.00681	.00009	.00031	.00158	.00070	.031	.00609
%RSD	7.0742	1.1330	.11864	7.0123	119.72	.03284	2.8049

#1	.09145	-.00782	.26430	-.02360	-.00009	93.423	.22139
#2	.10108	-.00769	.26386	-.02137	-.00108	93.380	.21278

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00664	.00206	1.9301	.31237	.01141	.11458	177.10
Stddev	.00017	.00041	.0436	.00076	.00025	.00143	4.21
%RSD	2.5582	19.709	2.2583	.24347	2.2086	1.2505	2.3796

#1	.00676	.00177	1.9609	.31183	.01123	.11357	180.08
#2	.00652	.00234	1.8993	.31291	.01158	.11559	174.12

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14939	12.664	.03810	.00419	-.06038	.24572	.29809
Stddev	.00033	.189	.00033	.00070	.00279	.00069	.00697
%RSD	.22244	1.4953	.86356	16.711	4.6265	.27952	2.3368

#1	.14962	12.798	.03833	.00468	-.06235	.24620	.30302
#2	.14915	12.530	.03787	.00369	-.05840	.24523	.29317

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.569	.00291	.21201	2.6846	6.4926	.01399	.46006
Stddev	.544	.00022	.01150	.0091	.2212	.00041	.01146
%RSD	2.7807	7.3986	5.4225	.33745	3.4061	2.9273	2.4917

#1	19.954	.00276	.22014	2.6782	6.6490	.01428	.46817
#2	19.185	.00306	.20388	2.6910	6.3362	.01370	.45196

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.44952	5.225	.02407	F<.00000	1.1236
Stddev	.01392	.008	.00054	.29704	.1359
%RSD	3.0963	.1539	2.2561	4.2290	12.095

#1	.45936	5.231	.02446	-7.2338	1.2197
#2	.43968	5.219	.02369	-6.8137	1.0275

Sample Name: J4904-11 Acquired: 9/20/2018 20:44:47 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1978.3	45972.	4341.4	98.163	2857.5
Stddev	8.8	117.	139.5	2.820	14.0
%RSD	.44734	.25413	3.2141	2.8731	.48974
#1	1972.0	45890.	4242.7	96.169	2847.6
#2	1984.5	46055.	4440.1	100.16	2867.4

Sample Name: J4904-12 Acquired: 9/20/2018 20:48:46 Type: Unk
Method: P4-ICP2(v2444) 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	.16161	-.00446	.18192	-.02082	-.00256	72.496	.28304
Stddev	.00050	.00030	.00368	.00043	.00086	.183	.00117
%RSD	.30907	6.7673	2.0228	2.0844	33.648	.25239	.41272

#1	.16197	-.00467	.17932	-.02113	-.00195	72.367	.28386
#2	.16126	-.00425	.18452	-.02051	-.00317	72.626	.28221

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00698	.00195	17.384	.30744	.01205	.12511	160.25
Stddev	.00014	.00011	.069	.00132	.00053	.00154	2.35
%RSD	2.0285	5.4941	.39422	.42844	4.3727	1.2304	1.4679

#1	.00708	.00188	17.432	.30651	.01168	.12402	161.91
#2	.00688	.00203	17.335	.30837	.01243	.12620	158.58

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25705	12.466	.03754	.00416	.01204	.21497	.31482
Stddev	.00039	.146	.00100	.00013	.00609	.00086	.00013
%RSD	.15126	1.1703	2.6582	3.0987	50.539	.39857	.04144

#1	.25677	12.363	.03683	.00426	.00774	.21557	.31491
#2	.25732	12.570	.03825	.00407	.01635	.21436	.31472

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.575	.00132	.17794	2.0795	4.9590	.01452	.30986
Stddev	.115	.00003	.00353	.0127	.0121	.00026	.00074
%RSD	.69290	2.3215	1.9811	.61212	.24303	1.7810	.23799

#1	16.656	.00130	.17545	2.0705	4.9505	.01434	.31038
#2	16.494	.00134	.18044	2.0885	4.9676	.01470	.30934

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.35826	5.694	.04905	F<.00000	4.0466
Stddev	.00087	.043	.00017	.48387	.0653
%RSD	.24149	.7579	.35566	7.3362	1.6136

#1	.35764	5.663	.04893	-6.2535	4.0004
#2	.35887	5.725	.04917	-6.9378	4.0927

Sample Name: J4904-12 Acquired: 9/20/2018 20:48:46 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2001.0	46060.	4260.5	95.934	2894.5
Stddev	32.7	101.	13.7	1.787	33.5
%RSD	1.6361	.21847	.32253	1.8626	1.1564
#1	1977.8	45989.	4250.7	94.671	2870.9
#2	2024.1	46131.	4270.2	97.198	2918.2

Sample Name: J4904-13 Acquired: 9/20/2018 20:52:43 Type: Unk
Method: P4-ICP2(v2444) 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	.42105	-.01105	.41025	-.03733	-.00127	163.35	.72527
Stddev	.00534	.00174	.00078	.00222	.00076	.35	.00189
%RSD	1.2694	15.781	.18978	5.9344	59.982	.21213	.26010

#1	.42482	-.00982	.40970	-.03576	-.00180	163.59	.72394
#2	.41727	-.01229	.41080	-.03889	-.00073	163.10	.72660

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01580	.00569	24.192	.48851	.02618	.19423	326.93
Stddev	.00010	.00011	.117	.00008	.00033	.00183	3.55
%RSD	.60803	1.9047	.48408	.01599	1.2421	.94171	1.0851

#1	.01573	.00561	24.109	.48845	.02595	.19294	329.44
#2	.01587	.00576	24.274	.48856	.02641	.19553	324.42

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.57404	22.462	.07795	.01282	.11595	.37213	.67976
Stddev	.00094	.158	.00003	.00021	.01646	.00152	.00723
%RSD	.16433	.70448	.04089	1.6110	14.197	.40815	1.0634

#1	.57338	22.350	.07797	.01297	.10431	.37105	.68487
#2	.57471	22.574	.07793	.01268	.12759	.37320	.67464

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.890	.00183	.32442	3.0618	6.1873	.03501	.32852
Stddev	.112	.00003	.01011	.0066	.0929	.00129	.00097
%RSD	.40195	1.4154	3.1167	.21395	1.5008	3.6838	.29623

#1	27.811	.00185	.33157	3.0664	6.1216	.03592	.32783
#2	27.969	.00181	.31727	3.0571	6.2530	.03410	.32921

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.79988	14.32	.09150	F<.00000	F<.00000
Stddev	.00209	.01	.00042	.38843	.35636
%RSD	.26186	.1032	.45907	2.3077	3.5260

#1	.79840	14.33	.09120	-16.558	-9.8548
#2	.80136	14.31	.09180	-17.107	-10.359

Sample Name: J4904-13 Acquired: 9/20/2018 20:52:43 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2164.3	49913.	4741.1	93.955	2733.9
Stddev	6.8	310.	14.4	1.186	10.9
%RSD	.31286	.62063	.30295	1.2628	.39839
#1	2159.5	49694.	4751.2	93.116	2726.2
#2	2169.1	50132.	4730.9	94.794	2741.7

Sample Name: J4904-14 Acquired: 9/20/2018 20:56:43 Type: Unk
Method: P4-ICP2(v2444) 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	.22370	-.00471	.19523	-.01773	-.00184	43.198	.33338
Stddev	.00199	.00105	.00237	.00080	.00030	.055	.00093
%RSD	.89175	22.302	1.2120	4.4931	16.250	.12831	.27818

#1	.22511	-.00397	.19356	-.01717	-.00163	43.237	.33403
#2	.22229	-.00545	.19690	-.01830	-.00206	43.159	.33272

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00858	.00087	13.524	.31677	.01130	.13629	170.10
Stddev	.00006	.00049	.076	.00079	.00009	.00086	2.37
%RSD	.70242	56.142	.56205	.24968	.75812	.62960	1.3917

#1	.00862	.00052	13.470	.31733	.01124	.13569	171.77
#2	.00853	.00121	13.578	.31622	.01136	.13690	168.42

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.70292	9.7097	.02891	.00496	-.07885	.19252	.39386
Stddev	.00181	.0177	.00031	.00025	.01228	.00162	.00481
%RSD	.25731	.18206	1.0857	5.0167	15.568	.84193	1.2204

#1	.70420	9.7222	.02914	.00479	-.08753	.19366	.39726
#2	.70164	9.6972	.02869	.00514	-.07017	.19137	.39047

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.884	.00122	.21882	1.4827	11.849	.01634	.38270
Stddev	.021	.00003	.00019	.0010	.011	.00162	.00015
%RSD	.10415	2.7706	.08471	.07014	.09593	9.8918	.03889

#1	19.870	.00119	.21869	1.4835	11.857	.01520	.38260
#2	19.899	.00124	.21895	1.4820	11.841	.01749	.38281

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	.20969	11.07	.05067	F<.00000	4.1699		
Stddev	.01080	.02	.00010	.04522	.7307		
%RSD	5.1528	.1421	.19129	.53327	17.523		

#1	.20205	11.06	.05073	-8.5123	4.6865		
#2	.21733	11.08	.05060	-8.4484	3.6532		

Sample Name: J4904-14 Acquired: 9/20/2018 20:56:43 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2061.3	47838.	4335.6	95.170	2937.9
Stddev	2.6	77.	2.5	1.481	4.1
%RSD	.12489	.16014	.05741	1.5561	.14048
#1	2059.5	47784.	4333.8	94.122	2934.9
#2	2063.1	47892.	4337.3	96.217	2940.8

Sample Name: J4904-15 Acquired: 9/20/2018 21:00:40 Type: Unk
Method: P4-ICP2(v2444) 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	.08170	-.00761	.18593	-.01990	-.00094	103.30	.40383
Stddev	.00425	.00038	.00302	.00076	.00095	.72	.00015
%RSD	5.1975	5.0569	1.6217	3.8015	100.96	.70155	.03627

#1	.08470	-.00734	.18379	-.01937	-.00161	102.78	.40373
#2	.07869	-.00788	.18806	-.02044	-.00027	103.81	.40393

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00868	.00239	5.2168	.32630	.01448	.12197	196.17
Stddev	.00010	.00002	.0152	.00910	.00031	.00096	.51
%RSD	1.2002	.88574	.29157	2.7887	2.1235	.78630	.26177

#1	.00861	.00241	5.2061	.31987	.01469	.12265	196.53
#2	.00876	.00238	5.2276	.33274	.01426	.12129	195.81

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17354	12.306	.04461	.00637	-.01154	.24925	.41866
Stddev	.00286	.031	.00027	.00044	.00622	.00543	.00057
%RSD	1.6503	.24921	.60450	6.9265	53.909	2.1768	.13651

#1	.17152	12.285	.04442	.00668	-.01593	.24541	.41826
#2	.17557	12.328	.04480	.00606	-.00714	.25309	.41907

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.749	.00172	.19429	2.4526	10.501	.01577	.31983
Stddev	.022	.00015	.00405	.0006	.105	.00080	.00105
%RSD	.13829	8.7363	2.0864	.02475	1.0011	5.0928	.32715

#1	15.764	.00161	.19716	2.4521	10.427	.01520	.32057
#2	15.733	.00182	.19143	2.4530	10.575	.01633	.31909

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.52739	6.684	.04464	F<.00000	1.2845
Stddev	.00056	.010	.00011	.27512	.1912
%RSD	.10631	.1443	.24231	2.5948	14.884

#1	.52779	6.691	.04472	-10.408	1.4197
#2	.52700	6.678	.04457	-10.797	1.1493

Sample Name: J4904-15 Acquired: 9/20/2018 21:00:40 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2079.3	48380.	4417.2	96.349	2885.4
Stddev	6.8	240.	15.4	.111	6.2
%RSD	.32752	.49545	.34799	.11505	.21518
#1	2074.5	48550.	4428.1	96.271	2881.0
#2	2084.1	48211.	4406.4	96.428	2889.8

Sample Name: J4904-16 Acquired: 9/20/2018 21:04:37 Type: Unk
Method: P4-ICP2(v2444) 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	.07931	-.00449	.29333	-.01552	-.00050	72.676	.19130
Stddev	.00316	.00018	.00036	.00250	.00032	.058	.00198
%RSD	3.9797	4.0169	.12352	16.115	65.132	.07940	1.0376

#1	.08154	-.00436	.29307	-.01375	-.00027	72.717	.19270
#2	.07708	-.00462	.29358	-.01729	-.00072	72.635	.18989

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00481	.00125	3.0812	.21706	.00644	.10176	119.62
Stddev	.00008	.00005	.0237	.00441	.00011	.00002	.72
%RSD	1.5978	3.6382	.76879	2.0336	1.6827	.02162	.60510

#1	.00476	.00128	3.0645	.21394	.00652	.10178	120.13
#2	.00487	.00122	3.0980	.22018	.00636	.10175	119.11

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.26193	5.1809	.02168	.00373	-.09218	.21465	.29732
Stddev	.00016	.0309	.00027	.00023	.01193	.00062	.00241
%RSD	.06058	.59603	1.2358	6.2695	12.946	.28670	.81031

#1	.26182	5.2027	.02187	.00389	-.10061	.21421	.29902
#2	.26204	5.1590	.02149	.00356	-.08374	.21508	.29562

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.0392	.00148	.11030	2.0997	7.8320	.01547	.20641
Stddev	.0052	.00002	.00622	.0103	.1065	.00031	.00225
%RSD	.06496	1.2809	5.6368	.48907	1.3593	1.9740	1.0908

#1	8.0429	.00147	.11470	2.0925	7.9073	.01526	.20482
#2	8.0355	.00149	.10591	2.1070	7.7568	.01569	.20801

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.28662	3.227	.01712	F<.00000	6.7895
Stddev	.00175	.006	.00006	.26779	1.1007
%RSD	.61062	.1887	.34150	5.6071	16.212

#1	.28786	3.231	.01716	-4.5865	6.0112
#2	.28538	3.223	.01708	-4.9652	7.5678

Sample Name: J4904-16 Acquired: 9/20/2018 21:04:37 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1992.7	45807.	4212.9	96.434	2989.1
Stddev	3.8	66.	46.2	.717	2.4
%RSD	.18982	.14387	1.0964	.74356	.08155
#1	1990.0	45853.	4180.3	95.927	2987.3
#2	1995.3	45760.	4245.6	96.941	2990.8

Sample Name: J4904-17 Acquired: 9/20/2018 21:08:36 Type: Unk
Method: P4-ICP2(v2444) 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	.36102	-.00723	.25755	-.02401	-.00106	96.742	.33765
Stddev	.00001	.00128	.00035	.00107	.00005	1.176	.00244
%RSD	.00231	17.740	.13658	4.4699	4.9745	1.2152	.72255

#1	.36103	-.00632	.25780	-.02326	-.00102	97.573	.33593
#2	.36102	-.00814	.25730	-.02477	-.00110	95.910	.33938

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00883	.00223	17.174	.33002	.01124	.17314	197.84
Stddev	.00027	.00016	.096	.00659	.00025	.00142	1.09
%RSD	3.0681	7.3785	.55922	1.9977	2.2679	.82081	.55184

#1	.00903	.00211	17.106	.33468	.01142	.17214	198.61
#2	.00864	.00235	17.242	.32536	.01106	.17415	197.06

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.37551	12.589	.03813	.00563	-.05248	.27410	.37343
Stddev	.00740	.007	.00004	.00057	.00748	.00514	.00124
%RSD	1.9718	.05956	.11405	10.156	14.257	1.8737	.33270

#1	.38075	12.584	.03816	.00522	-.05777	.27773	.37431
#2	.37027	12.594	.03810	.00603	-.04719	.27046	.37255

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.697	.00141	.18522	1.5072	7.6795	.02058	.29609
Stddev	.060	.00060	.00247	.0141	.0306	.00026	.00107
%RSD	.38042	42.225	1.3319	.93367	.39794	1.2427	.36075

#1	15.655	.00099	.18348	1.4973	7.6579	.02076	.29533
#2	15.739	.00183	.18697	1.5172	7.7012	.02040	.29684

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.37923	8.552	.04183	F<.00000	.53768
Stddev	.00955	.032	.00000	.75722	.07762
%RSD	2.5180	.3763	.00218	8.9338	14.437

#1	.37248	8.530	.04183	-7.9405	.59257
#2	.38598	8.575	.04184	-9.0114	.48279

Sample Name: J4904-17 Acquired: 9/20/2018 21:08:36 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2049.8	46452.	4329.2	96.179	2882.3
Stddev	8.2	751.	21.9	.733	7.2
%RSD	.40079	1.6175	.50550	.76181	.24892
#1	2044.0	45920.	4344.7	95.661	2877.3
#2	2055.7	46983.	4313.7	96.698	2887.4

Sample Name: J4904-18 Acquired: 9/20/2018 21:12:32 Type: Unk
Method: P4-ICP2(v2444) 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	.11418	-.00434	.15432	-.02034	-.00233	37.304	.32476
Stddev	.00275	.00053	.00156	.00153	.00049	.078	.00168
%RSD	2.4086	12.147	1.0083	7.5252	20.926	.20883	.51590

#1	.11224	-.00397	.15322	-.01925	-.00267	37.249	.32595
#2	.11613	-.00472	.15542	-.02142	-.00198	37.359	.32358

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00836	.00061	5.4538	.23050	.00889	.10062	124.99
Stddev	.00005	.00025	.0870	.00109	.00009	.00048	2.95
%RSD	.65465	41.389	1.5945	.47132	1.0502	.47677	2.3629

#1	.00840	.00043	5.5152	.23127	.00882	.10028	127.07
#2	.00832	.00079	5.3923	.22973	.00896	.10096	122.90

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48934	6.9093	.02316	.00340	-.14023	.12826	.32983
Stddev	.00142	.0683	.00057	.00042	.00202	.00144	.00541
%RSD	.29021	.98917	2.4681	12.493	1.4370	1.1209	1.6412

#1	.48834	6.9576	.02356	.00370	-.14165	.12928	.33366
#2	.49034	6.8609	.02275	.00310	-.13880	.12725	.32600

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.474	.00080	.15768	1.2029	11.748	.01257	.34312
Stddev	.197	.00020	.00234	.0026	.077	.00010	.00098
%RSD	1.2705	25.050	1.4854	.21608	.65865	.78592	.28436

#1	15.613	.00066	.15602	1.2010	11.803	.01264	.34381
#2	15.335	.00094	.15934	1.2047	11.693	.01250	.34243

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	.14788	11.37	.03036	F<.00000	5.4134		
Stddev	.00001	.01	.00009	.71759	.5153		
%RSD	.00470	.0954	.29546	12.510	9.5188		

#1	.14788	11.36	.03043	-6.2434	5.7777		
#2	.14789	11.38	.03030	-5.2286	5.0490		

Sample Name: J4904-18 Acquired: 9/20/2018 21:12:32 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2079.0	47670.	4349.4	97.568	3007.0
Stddev	7.4	63.	16.9	2.154	8.6
%RSD	.35556	.13148	.38960	2.2073	.28650
#1	2073.8	47715.	4337.4	96.045	3000.9
#2	2084.3	47626.	4361.4	99.091	3013.1

Sample Name: J4904-19 Acquired: 9/20/2018 21:16:31 Type: Unk
Method: P4-ICP2(v2444) 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	.27053	-.00817	.42740	-.01669	-.00057	62.979	.28423
Stddev	.00248	.00115	.00336	.00400	.00159	.285	.00049
%RSD	.91546	14.113	.78600	23.975	279.32	.45317	.17176

#1	.26878	-.00898	.42978	-.01952	-.00169	62.777	.28458
#2	.27228	-.00735	.42503	-.01386	.00055	63.181	.28389

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00791	.00083	6.2290	.26992	.00952	.14790	140.32
Stddev	.00016	.00019	.0187	.00030	.00018	.00022	.16
%RSD	2.0534	22.732	.29973	.11056	1.8656	.14709	.11683

#1	.00780	.00096	6.2422	.26971	.00965	.14806	140.43
#2	.00803	.00070	6.2158	.27013	.00940	.14775	140.20

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.29419	9.6951	.03304	.00450	-.12348	.15319	.36068
Stddev	.00064	.0495	.00020	.00047	.00192	.00123	.00009
%RSD	.21793	.51083	.60783	10.524	1.5564	.80095	.02424

#1	.29465	9.6601	.03289	.00416	-.12212	.15232	.36062
#2	.29374	9.7301	.03318	.00483	-.12484	.15405	.36075

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.763	.00201	.17552	2.1302	6.8810	.03732	.31982
Stddev	.034	.00009	.00444	.0164	.0209	.00031	.00343
%RSD	.17995	4.2689	2.5282	.76973	.30354	.83594	1.0720

#1	18.739	.00207	.17865	2.1418	6.8958	.03710	.32224
#2	18.787	.00195	.17238	2.1186	6.8662	.03754	.31740

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.26500	14.82	.03493	F<.00000	4.2493
Stddev	.00565	.07	.00004	.01267	.4662
%RSD	2.1307	.4421	.12707	.19602	10.972

#1	.26899	14.87	.03496	-6.4566	3.9196
#2	.26100	14.77	.03490	-6.4745	4.5789

Sample Name: J4904-19 Acquired: 9/20/2018 21:16:31 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2086.1	47980.	4391.6	97.569	2947.5
Stddev	5.6	170.	19.5	.268	8.8
%RSD	.26612	.35393	.44328	.27482	.29793
#1	2082.2	47860.	4377.8	97.379	2941.3
#2	2090.0	48100.	4405.3	97.759	2953.7

Sample Name: CCV10 Acquired: 9/20/2018 21:20:28 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9383	4.8858	4.8272	4.9753	4.9555	10.222	9.8747
Stddev	.0101	.0011	.0047	.0004	.0156	.254	.1580
%RSD	.20402	.02257	.09651	.00871	.31380	2.4822	1.5999

#1	4.9454	4.8850	4.8305	4.9756	4.9665	10.042	9.9864
#2	4.9312	4.8866	4.8239	4.9750	4.9445	10.401	9.7630

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24470	2.4368	24.666	.99950	2.4330	1.2554	5.2081
Stddev	.00030	.0006	.065	.00086	.0012	.0004	.0509
%RSD	.12379	.02461	.26315	.08610	.04753	.03124	.97807

#1	.24448	2.4373	24.620	1.0001	2.4322	1.2557	5.2442
#2	.24491	2.4364	24.712	.99889	2.4338	1.2551	5.1721

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4987	23.822	2.4498	1.2087	23.845	2.4798	2.6559
Stddev	.0082	.069	.0007	.0016	.399	.0065	.0455
%RSD	.32644	.28900	.02829	.13420	1.6733	.26271	1.7122

#1	2.4929	23.871	2.4493	1.2098	24.127	2.4752	2.6880
#2	2.5044	23.773	2.4503	1.2075	23.563	2.4844	2.6237

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.456	4.9665	4.8262	4.8810	4.6788	4.8427	4.9242
Stddev	.321	.0090	.0003	.0002	.0714	.0089	.0010
%RSD	1.3113	.18126	.00668	.00485	1.5257	.18312	.01937

#1	24.683	4.9729	4.8259	4.8812	4.7292	4.8364	4.9235
#2	24.229	4.9602	4.8264	4.8808	4.6283	4.8490	4.9248

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F 4.4775	5.011	4.8016	F 3.3593	F 3.4534
Stddev	.0106	.004	.1339	.0144	.1134
%RSD	.23698	.0860	2.7892	.42860	3.2850

#1	4.4850	5.008	4.8963	3.3492	3.3732
#2	4.4700	5.014	4.7069	3.3695	3.5336

Sample Name: CCV10 Acquired: 9/20/2018 21:20:28 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1895.8	43188.	3923.5	91.588	2873.6
Stddev	8.1	148.	52.1	1.803	8.7
%RSD	.42783	.34237	1.3273	1.9690	.30389
#1	1890.0	43293.	3886.7	90.313	2867.4
#2	1901.5	43084.	3960.3	92.864	2879.8

Sample Name: CCB10 Acquired: 9/20/2018 21:24:16 Type: Unk
Method: P4-ICP2(v2444) 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	.00121	-.00190	-.00184	-.00261	-.00349	-.01102	.00180
Stddev	.00027	.00137	.00104	.00016	.00020	.01789	.00028
%RSD	21.987	72.199	56.262	6.2328	5.6704	162.30	15.584

#1	.00102	-.00288	-.00258	-.00249	-.00335	.00163	.00160
#2	.00139	-.00093	-.00111	-.00272	-.00363	-.02367	.00200

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.00002	-.00507	-.00052	-.00021	.00007	.00425
Stddev	.00010	.00002	.00687	.00007	.00001	.00048	.00902
%RSD	195.60	100.23	135.53	14.246	5.0924	665.21	212.35

#1	.00012	-.00001	-.00021	-.00047	-.00022	.00041	-.00213
#2	-.00002	-.00004	-.00993	-.00057	-.00021	-.00027	.01062

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	-.00054	.00014	-.00045	-.11873	-.00100	-.00012
Stddev	.00000	.04492	.00025	.00005	.02066	.00028	.00016
%RSD	105.05	8273.1	173.85	11.648	17.397	28.310	130.89

#1	.00000	-.03231	.00032	-.00041	-.13333	-.00080	-.00001
#2	.00001	.03122	-.00003	-.00048	-.10412	-.00120	-.00023

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.07136	.00036	.01283	.00130	-.00671	.00049	-.00101
Stddev	.02500	.00024	.01239	.00107	.00128	.00037	.00131
%RSD	35.028	68.529	96.507	82.056	19.034	75.995	129.00

#1	-.05368	.00018	.00408	.00055	-.00580	.00023	-.00194
#2	-.08903	.00053	.02159	.00205	-.00761	.00075	-.00009

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	F -.03005	-.0004	-.00002	F 1.3846	F 1.0864		
Stddev	.01958	.0002	.00007	.7345	.3795		
%RSD	65.148	46.69	360.01	53.050	34.929		

#1	-.04389	-.0003	.00003	1.9040	.81808		
#2	-.01621	-.0006	-.00007	.86522	1.3547		

Sample Name: CCB10 Acquired: 9/20/2018 21:24:16 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1946.0	44459.	3955.6	98.343	3194.8
Stddev	.0	32.	10.9	.293	5.7
%RSD	.00040	.07310	.27554	.29796	.17810
#1	1946.0	44436.	3947.9	98.136	3198.8
#2	1946.0	44482.	3963.3	98.550	3190.7

Sample Name: J4904-20 Acquired: 9/20/2018 21:28:22 Type: Unk
Method: P4-ICP2(v2444) 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	.13098	-.00596	.18740	-.01205	-.00225	74.550	.35331
Stddev	.00216	.00075	.00094	.00110	.00102	.026	.00329
%RSD	1.6468	12.573	.50015	9.1620	45.389	.03552	.93074

#1	.12946	-.00649	.18807	-.01283	-.00153	74.568	.35564
#2	.13251	-.00543	.18674	-.01127	-.00297	74.531	.35099

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01149	.00105	10.654	.26739	.01749	.11436	149.06
Stddev	.00016	.00013	.065	.00010	.00021	.00067	1.48
%RSD	1.4337	12.291	.60844	.03628	1.2166	.58252	.99111

#1	.01161	.00096	10.700	.26746	.01764	.11483	150.11
#2	.01138	.00115	10.608	.26732	.01734	.11389	148.02

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.59835	11.565	.06578	.00567	-.08581	.14291	.51504
Stddev	.00037	.110	.00075	.00001	.00825	.00093	.00199
%RSD	.06216	.95040	1.1467	.12866	9.6198	.65004	.38645

#1	.59809	11.643	.06631	.00568	-.07997	.14225	.51645
#2	.59862	11.488	.06524	.00566	-.09165	.14356	.51364

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.778	.00050	.18826	1.2271	9.7257	.01879	.37467
Stddev	.192	.00029	.00531	.0086	.1314	.00006	.00375
%RSD	1.0228	58.508	2.8189	.70160	1.3513	.33328	1.0019

#1	18.914	.00070	.19201	1.2332	9.8187	.01883	.37732
#2	18.642	.00029	.18450	1.2210	9.6328	.01874	.37201

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	.27997	13.18	.04918	F<.00000	3.7682		
Stddev	.00229	.04	.00031	.14533	.1850		
%RSD	.81939	.2847	.63750	1.4819	4.9105		

#1	.28159	13.21	.04940	-9.9093	3.6374		
#2	.27835	13.15	.04896	-9.7038	3.8991		

Sample Name: J4904-20 Acquired: 9/20/2018 21:28:22 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2216.7	50847.	4540.8	93.162	2938.2
Stddev	13.6	55.	40.1	.613	10.0
%RSD	.61376	.10795	.88282	.65847	.33889
#1	2207.1	50886.	4512.5	92.728	2931.2
#2	2226.3	50809.	4569.2	93.595	2945.3

Sample Name: J4904-21 Acquired: 9/20/2018 21:32:19 Type: Unk
Method: P4-ICP2(v2444) 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	.15420	-.00497	.21882	-.01988	-.00098	41.637	.26782
Stddev	.00139	.00235	.00177	.00365	.00164	.133	.00022
%RSD	.90451	47.210	.80956	18.369	167.13	.32033	.08033

#1	.15321	-.00663	.22007	-.02246	.00018	41.543	.26797
#2	.15519	-.00331	.21757	-.01730	-.00214	41.732	.26767

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00756	.00055	10.763	.22944	.00918	.13764	122.92
Stddev	.00008	.00039	.057	.00146	.00022	.00067	3.35
%RSD	1.0771	70.995	.53229	.63744	2.4214	.48507	2.7252

#1	.00761	.00083	10.804	.23047	.00933	.13811	120.55
#2	.00750	.00027	10.723	.22841	.00902	.13717	125.29

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.76563	7.9278	.03348	.00353	-.15178	.13960	.32903
Stddev	.00233	.0779	.00043	.00015	.00265	.00023	.01125
%RSD	.30449	.98213	1.2928	4.3171	1.7479	.16610	3.4188

#1	.76399	7.8727	.03378	.00342	-.15366	.13976	.32108
#2	.76728	7.9829	.03317	.00364	-.14991	.13943	.33699

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.233	.00257	.15859	1.7114	13.684	.02564	.42907
Stddev	.053	.00010	.00523	.0048	.032	.00050	.00148
%RSD	.32807	3.9908	3.2978	.27972	.23718	1.9367	.34496

#1	16.270	.00265	.16229	1.7080	13.706	.02529	.43012
#2	16.195	.00250	.15489	1.7148	13.661	.02599	.42803

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.15463	9.238	.03408	F<.00000	7.2917
Stddev	.00356	.017	.00014	.03126	.4469
%RSD	2.2992	.1887	.41084	.52135	6.1290

#1	.15212	9.226	.03418	-5.9730	7.6077
#2	.15715	9.250	.03398	-6.0172	6.9757

Sample Name: J4904-21 Acquired: 9/20/2018 21:32:19 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2022.2	46589.	4248.9	96.810	2988.2
Stddev	14.3	97.	6.5	2.480	11.9
%RSD	.70491	.20816	.15226	2.5617	.39909
#1	2012.2	46657.	4244.4	98.563	2979.8
#2	2032.3	46520.	4253.5	95.056	2996.6

Sample Name: J4904-21DUP Acquired: 9/20/2018 21:36:17 Type: Unk
Method: P4-ICP2(v2444) 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	.15505	-.00534	.21886	-.02185	-.00318	41.960	.27496
Stddev	.00257	.00107	.00002	.00084	.00285	.659	.00649
%RSD	1.6590	20.128	.00742	3.8543	89.363	1.5704	2.3617

#1	.15687	-.00458	.21884	-.02125	-.00520	42.426	.27955
#2	.15323	-.00610	.21887	-.02244	-.00117	41.494	.27037

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00763	.00030	11.084	.23420	.00928	.13751	124.86
Stddev	.00011	.00022	.217	.00334	.00007	.00037	1.48
%RSD	1.4031	74.039	1.9552	1.4245	.80323	.27233	1.1836

#1	.00756	.00045	11.238	.23656	.00934	.13778	123.81
#2	.00771	.00014	10.931	.23184	.00923	.13725	125.90

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.77105	8.1664	.03670	.00340	-.14137	.13939	.33638
Stddev	.01454	.2230	.00008	.00044	.00849	.00167	.00605
%RSD	1.8857	2.7306	.21706	12.900	6.0088	1.1984	1.7985

#1	.78133	8.3240	.03664	.00309	-.14738	.14057	.33210
#2	.76077	8.0087	.03675	.00371	-.13537	.13820	.34066

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.626	.00314	.15599	1.7190	14.221	.02765	.43849
Stddev	.252	.00037	.00713	.0065	.187	.00075	.01162
%RSD	1.5136	11.705	4.5692	.37553	1.3130	2.7092	2.6510

#1	16.804	.00341	.15095	1.7145	14.353	.02712	.44671
#2	16.448	.00288	.16103	1.7236	14.089	.02818	.43027

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	.17137	9.260	.03484	F<.00000	6.8609		
Stddev	.01228	.009	.00066	1.3693	.6304		
%RSD	7.1636	.0982	1.8841	28.183	9.1889		

#1	.18005	9.266	.03530	-3.8905	6.4151		
#2	.16269	9.253	.03437	-5.8270	7.3067		

Sample Name: J4904-21DUP Acquired: 9/20/2018 21:36:17 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2009.8	46437.	4155.3	95.175	2970.1
Stddev	14.6	922.	84.9	1.094	15.9
%RSD	.72878	1.9861	2.0435	1.1495	.53413
#1	1999.4	45785.	4095.3	95.949	2958.8
#2	2020.2	47089.	4215.3	94.402	2981.3

Sample Name: J4904-21LX5 Acquired: 9/20/2018 21:40:15 Type: Unk
Method: P4-ICP2(v2444) 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	.03033	-.00225	.04232	-.00634	-.00459	8.5493	.05776	.00164
Stddev	.00095	.00098	.00013	.00085	.00048	.0846	.00095	.00003
%RSD	3.1423	43.373	.31759	13.451	10.422	.99003	1.6448	1.6698

#1	.03101	-.00294	.04241	-.00694	-.00425	8.4894	.05709	.00166
#2	.02966	-.00156	.04222	-.00573	-.00493	8.6091	.05844	.00163

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	2.3369	.04772	.00163	.03240	24.940	.16943	1.6914
Stddev	.00014	.0074	.00020	.00008	.00037	.032	.00015	.0022
%RSD	257.41	.31483	.41877	4.8205	1.1367	.12980	.09133	.13000

#1	-.00015	2.3421	.04787	.00157	.03214	24.963	.16932	1.6899
#2	.00004	2.3317	.04758	.00168	.03267	24.917	.16954	1.6930

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00717	.00054	-.09352	.02803	.07604	3.3431	.00017	.03201
Stddev	.00047	.00028	.00483	.00003	.00026	.0510	.00018	.01106
%RSD	6.5377	51.816	5.1621	.09376	.34298	1.5254	103.46	34.546

#1	.00750	.00034	-.09010	.02801	.07622	3.3070	.00030	.02419
#2	.00684	.00073	-.09693	.02805	.07585	3.3791	.00005	.03984

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.36145	3.0301	.00498	.08794	.00114	1.831	.00711	<.00000
Stddev	.00289	.0001	.00078	.00125	.00402	.008	.00001	.20778
%RSD	.80036	.00264	15.575	1.4224	352.02	.4319	.11334	220.49

#1	.36349	3.0302	.00553	.08882	-.00170	1.825	.00711	.05269
#2	.35940	3.0301	.00443	.08705	.00398	1.836	.00710	-.24116

Elem	U_3859
Units	ppm
Avg	7.7269
Stddev	.7278
%RSD	9.4186

#1	8.2415
#2	7.2123

Sample Name: J4904-21LX5 Acquired: 9/20/2018 21:40:15 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1977.0	45220.	4001.1	96.612	3139.4
Stddev	5.9	43.	11.3	.812	10.7
%RSD	.29715	.09533	.28261	.84058	.34204
#1	1972.8	45189.	3993.1	96.038	3131.8
#2	1981.1	45250.	4009.0	97.186	3147.0

Sample Name: J4904-21MS Acquired: 9/20/2018 21:44:16 Type: Unk
Method: P4-ICP2(v2444) 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	1.0145	2.2516	1.3152	2.1423	.84690	43.653	.49065
Stddev	.0042	.0022	.0008	.0015	.00115	.412	.00119
%RSD	.41837	.09833	.06471	.07028	.13568	.94432	.24213

#1	1.0175	2.2532	1.3146	2.1434	.84608	43.944	.49149
#2	1.0115	2.2501	1.3158	2.1412	.84771	43.361	.48981

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21336	.22436	11.942	.66882	.22721	.45658	126.80
Stddev	.00111	.00045	.040	.00250	.00051	.00047	1.30
%RSD	.52185	.20247	.33619	.37330	.22644	.10349	1.0253

#1	.21257	.22468	11.913	.66705	.22758	.45691	125.89
#2	.21414	.22404	11.970	.67058	.22685	.45624	127.72

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.97139	9.9766	.59659	.07887	3.1285	.45990	.56962
Stddev	.00118	.0351	.00098	.00034	.0198	.00074	.00264
%RSD	.12171	.35153	.16369	.42492	.63264	.16034	.46262

#1	.97222	9.9518	.59590	.07863	3.1145	.46042	.56775
#2	.97055	10.001	.59728	.07910	3.1425	.45938	.57148

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.088	.44384	.46137	1.6956	14.579	.77456	.64436
Stddev	.000	.00140	.00340	.0019	.083	.00398	.00366
%RSD	.00152	.31624	.73690	.11101	.56635	.51402	.56871

#1	27.088	.44483	.45897	1.6969	14.521	.77174	.64176
#2	27.088	.44284	.46378	1.6942	14.638	.77738	.64695

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	2.0861	15.01	.24108	F<.00000	3.7868
Stddev	.0163	.00	.00026	.42272	.0279
%RSD	.78264	.0171	.10806	12.077	.73720

#1	2.0746	15.01	.24126	-3.2013	3.7670
#2	2.0977	15.02	.24089	-3.7991	3.8065

Sample Name: J4904-21MS Acquired: 9/20/2018 21:44:16 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2004.8	45970.	4110.3	93.240	2945.4
Stddev	4.7	153.	9.0	.921	.4
%RSD	.23303	.33237	.21779	.98738	.01327
#1	2001.5	45861.	4116.6	93.891	2945.6
#2	2008.1	46078.	4104.0	92.589	2945.1

Sample Name: J4904-21MSD Acquired: 9/20/2018 21:48:05 Type: Unk
Method: P4-ICP2(v2444) 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	1.0074	2.2265	1.2998	2.1047	.83073	42.960	.47707
Stddev	.0084	.0088	.0053	.0167	.00619	.387	.00524
%RSD	.83845	.39501	.40818	.79428	.74542	.90008	1.0988

#1	1.0014	2.2327	1.3035	2.1165	.83511	42.687	.48078
#2	1.0133	2.2203	1.2960	2.0929	.82635	43.233	.47337

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21067	.22284	11.634	.66594	.22596	.45306	125.47
Stddev	.00051	.00057	.125	.00086	.00081	.00018	1.29
%RSD	.24190	.25599	1.0707	.12888	.35679	.04064	1.0253

#1	.21103	.22325	11.722	.66533	.22653	.45319	126.38
#2	.21031	.22244	11.546	.66654	.22539	.45293	124.56

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.96152	9.8484	.59023	.07832	3.0616	.45619	.56703
Stddev	.00229	.0233	.00106	.00098	.0059	.00047	.00228
%RSD	.23800	.23702	.17965	1.2484	.19348	.10326	.40159

#1	.95990	9.8649	.59098	.07901	3.0575	.45652	.56864
#2	.96313	9.8319	.58948	.07763	3.0658	.45585	.56542

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.272	.43975	.45302	1.6768	14.268	.76897	.63120
Stddev	.254	.00212	.00105	.0059	.221	.00619	.00337
%RSD	.96787	.48233	.23240	.35094	1.5499	.80476	.53333

#1	26.452	.44125	.45228	1.6809	14.424	.77335	.63358
#2	26.093	.43825	.45377	1.6726	14.112	.76460	.62882

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	2.0707	14.80	.23425	F<.00000	4.2713		
Stddev	.0064	.10	.00225	.13514	.3324		
%RSD	.30872	.6694	.96085	3.1374	7.7815		

#1	2.0752	14.87	.23584	-4.4032	4.0363		
#2	2.0662	14.73	.23265	-4.2120	4.5063		

Sample Name: J4904-21MSD Acquired: 9/20/2018 21:48:05 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2032.3	46420.	4220.1	94.497	2982.9
Stddev	18.9	62.	70.8	1.184	31.7
%RSD	.92950	.13346	1.6773	1.2534	1.0635
#1	2018.9	46376.	4170.0	93.660	2960.5
#2	2045.7	46464.	4270.1	95.335	3005.4

Sample Name: J4904-21A Acquired: 9/20/2018 21:51:53 Type: Unk
Method: P4-ICP2(v2444) 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	1.0138	2.2331	1.3077	2.1088	.83900	42.915	.48460
Stddev	.0054	.0138	.0045	.0003	.00526	.041	.00145
%RSD	.53560	.61785	.34116	.01263	.62720	.09568	.29959

#1	1.0100	2.2233	1.3046	2.1086	.83528	42.944	.48563
#2	1.0177	2.2429	1.3109	2.1090	.84272	42.886	.48358

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21042	.22309	11.851	.67093	.22554	.45490	126.09
Stddev	.00077	.00107	.029	.00364	.00117	.00170	3.84
%RSD	.36404	.48051	.24109	.54292	.51799	.37374	3.0486

#1	.21096	.22233	11.871	.66836	.22472	.45370	128.80
#2	.20988	.22385	11.831	.67351	.22637	.45610	123.37

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.96241	9.9796	.59156	.07937	3.0979	.45734	.56373
Stddev	.00126	.0048	.00052	.00079	.0093	.00377	.01459
%RSD	.13092	.04837	.08752	.99792	.29999	.82431	2.5878

#1	.96152	9.9830	.59119	.07993	3.0914	.45467	.57405
#2	.96330	9.9761	.59192	.07881	3.1045	.46000	.55341

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.745	.44132	.46632	1.6775	14.488	.77041	.63770
Stddev	.048	.00204	.00579	.0024	.012	.00415	.00085
%RSD	.18025	.46272	1.2426	.14128	.08033	.53880	.13384

#1	26.711	.43988	.47042	1.6759	14.497	.76748	.63710
#2	26.779	.44276	.46222	1.6792	14.480	.77335	.63831

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	2.0795	14.86	.23921	F<.00000	4.6311
Stddev	.0177	.02	.00108	.01098	.2673
%RSD	.85347	.1380	.45104	.22717	5.7716

#1	2.0921	14.85	.23997	-4.8272	4.8201
#2	2.0670	14.88	.23844	-4.8427	4.4421

Sample Name: J4904-21A Acquired: 9/20/2018 21:51:53 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2012.7	46534.	4166.0	94.457	2963.4
Stddev	1.0	67.	9.3	2.711	.4
%RSD	.04837	.14385	.22227	2.8700	.01262
#1	2012.0	46487.	4159.5	92.540	2963.1
#2	2013.4	46581.	4172.6	96.374	2963.7

Sample Name: CCV11 Acquired: 9/20/2018 21:55:43 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8524	4.8025	4.7376	4.8441	4.8664	9.9355	9.8189
Stddev	.0147	.0147	.0079	.0018	.0068	.0912	.0253
%RSD	.30310	.30685	.16637	.03642	.14029	.91838	.25758

#1	4.8420	4.7921	4.7320	4.8453	4.8616	10.000	9.8010
#2	4.8628	4.8129	4.7432	4.8428	4.8712	9.8710	9.8367

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23969	2.3903	24.270	.98151	2.3819	1.2352	5.0876
Stddev	.00028	.0097	.094	.00257	.0110	.0019	.0629
%RSD	.11826	.40730	.38676	.26219	.46209	.15295	1.2357

#1	.23989	2.3834	24.204	.98333	2.3741	1.2338	5.1320
#2	.23949	2.3971	24.336	.97969	2.3897	1.2365	5.0431

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4562	23.629	2.3926	1.1909	23.685	2.4402	2.5971
Stddev	.0057	.153	.0060	.0045	.144	.0123	.0080
%RSD	.23246	.64860	.25240	.38097	.60854	.50458	.30928

#1	2.4603	23.520	2.3883	1.1941	23.583	2.4489	2.6028
#2	2.4522	23.737	2.3968	1.1877	23.787	2.4315	2.5914

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.181	4.8829	4.7047	4.7852	4.6571	4.7456	4.8523
Stddev	.168	.0119	.0159	.0177	.0572	.0198	.0040
%RSD	.69648	.24286	.33875	.36921	1.2282	.41643	.08354

#1	24.062	4.8745	4.7160	4.7977	4.6167	4.7317	4.8494
#2	24.300	4.8913	4.6935	4.7727	4.6975	4.7596	4.8551

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F 4.4569	4.902	4.8007	F 3.5940	F 2.8424
Stddev	.0218	.007	.0166	.1881	.5133
%RSD	.48864	.1471	.34649	5.2346	18.057

#1	4.4415	4.897	4.7890	3.7270	3.2054
#2	4.4723	4.907	4.8125	3.4609	2.4795

Sample Name: CCV11 Acquired: 9/20/2018 21:55:43 Type: Unk
 Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1897.3	43294.	3896.4	92.331	2883.3
Stddev	.3	206.	26.7	.617	1.2
%RSD	.01799	.47694	.68484	.66774	.04116
#1	1897.1	43148.	3915.3	91.895	2882.4
#2	1897.6	43440.	3877.6	92.767	2884.1

Sample Name: CCB11 Acquired: 9/20/2018 21:59:28 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00042	-.00154	-.00200	-.00423	-.00249	-.00962	.00201
Stddev	.00323	.00252	.00132	.00260	.00186	.00206	.00012
%RSD	767.20	163.49	65.765	61.416	74.766	21.378	6.1271

#1	.00186	-.00332	-.00293	-.00607	-.00118	-.01107	.00192
#2	-.00270	.00024	-.00107	-.00239	-.00381	-.00816	.00210

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.00022	-.03367	-.00052	-.00048	.00018	-.00207
Stddev	.00001	.00008	.01733	.00009	.00012	.00017	.00757
%RSD	129.04	38.156	51.475	17.768	24.946	94.835	365.26

#1	.00001	-.00027	-.04592	-.00058	-.00040	.00030	-.00742
#2	.00000	-.00016	-.02141	-.00045	-.00057	.00006	.00328

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.01328	-.00006	-.00014	-.14207	-.00125	-.00008
Stddev	.00000	.04198	.00031	.00056	.01005	.00021	.00008
%RSD	45.559	315.99	563.85	411.13	7.0756	16.483	102.91

#1	.00001	-.01640	-.00028	-.00053	-.14917	-.00139	-.00002
#2	.00001	.04297	.00017	.00026	-.13496	-.00110	-.00013

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.07848	.00046	.00929	-.00352	-.00465	.00029	.00134
Stddev	.00204	.00001	.00116	.00220	.00114	.00048	.00148
%RSD	2.6028	2.4360	12.474	62.637	24.562	165.68	110.42

#1	-.07993	.00045	.01011	-.00196	-.00385	-.00005	.00239
#2	-.07704	.00047	.00847	-.00507	-.00546	.00063	.00029

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.03289	-.0005	.00002	F 1.7382	F .77181
Stddev	.00173	.0026	.00012	.1150	.06102
%RSD	5.2557	517.8	615.18	6.6162	7.9060

#1	-.03411	.0013	.00010	1.8195	.72866
#2	-.03167	-.0023	-.00007	1.6568	.81496

Sample Name: CCB11 Acquired: 9/20/2018 21:59:28 Type: Unk
Method: P4-ICP2(v2444) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1959.2	44776.	3890.3	97.084	3219.7
Stddev	8.4	201.	.5	.107	9.4
%RSD	.42671	.44968	.01314	.10980	.29350
#1	1953.3	44634.	3889.9	97.008	3213.0
#2	1965.1	44919.	3890.6	97.159	3226.4