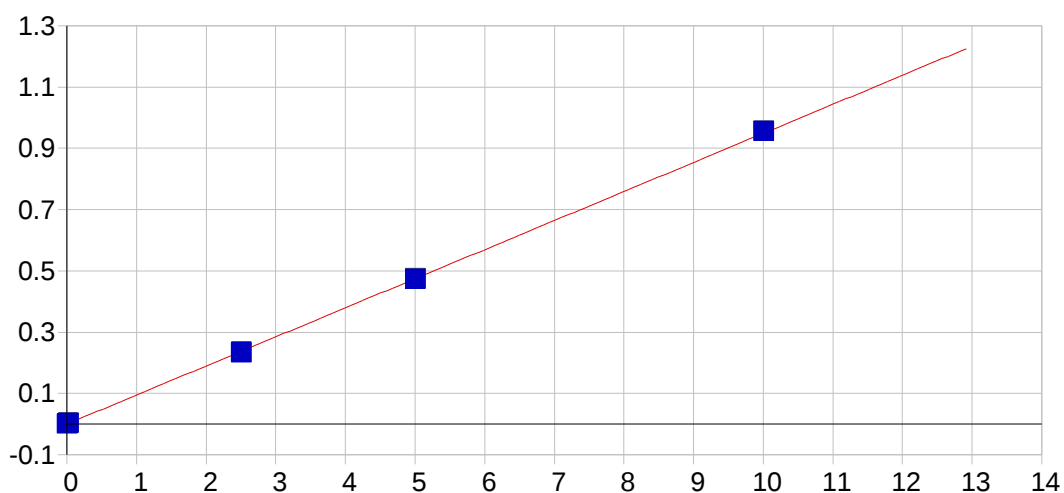


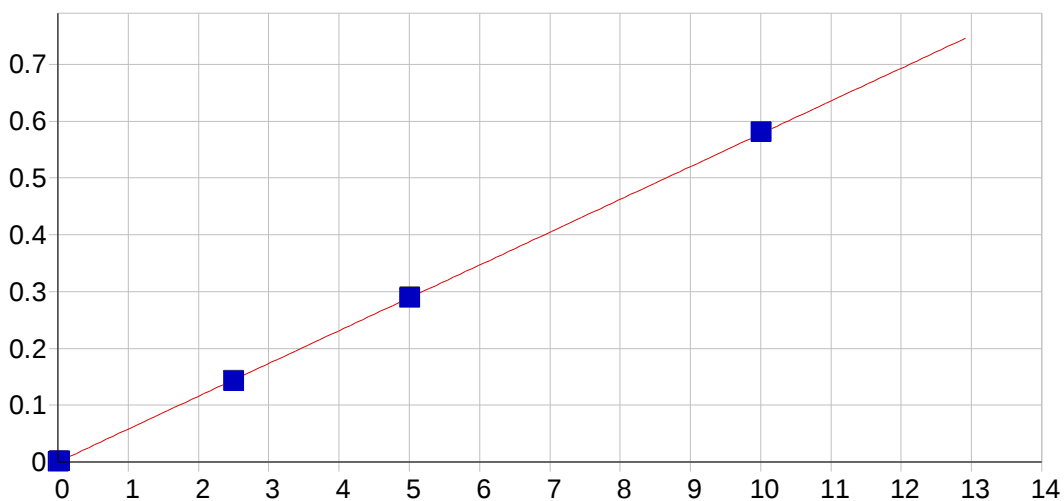


As 189.042 {478}

Date of Fit: 10/4/2018 18:02:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000038 Re-Slope: 1.000000
 A1 (Gain): 0.094894 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999967 Status: OK.
 Std Error of Est: 0.000019
 Predicted MDL: 0.003066
 Predicted MQL: 0.010219

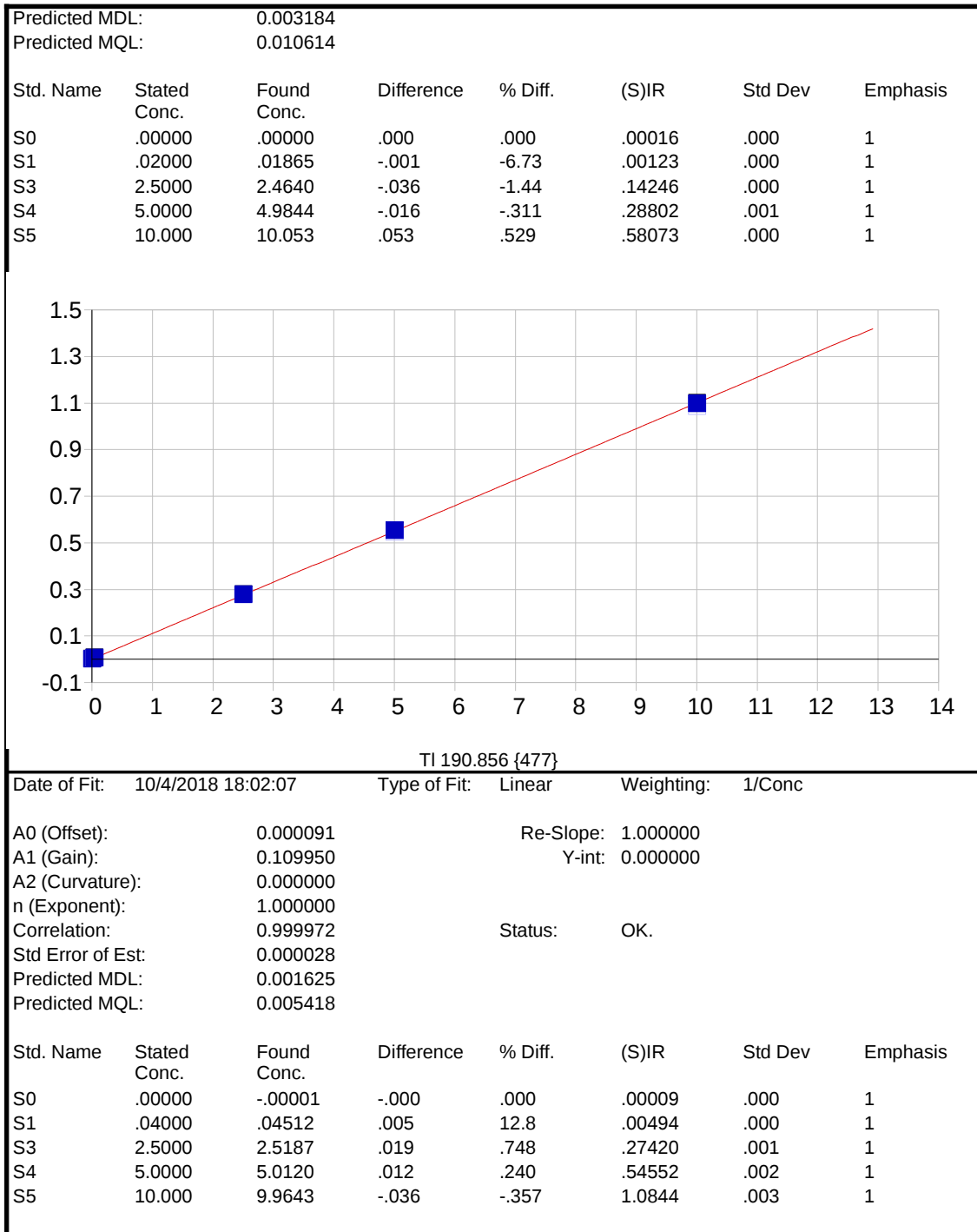
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.000004	.000	1
S1	.02000	.02057	.001	2.86	.00191	.000	1
S3	2.5000	2.4557	-.044	-1.77	.23298	.001	1
S4	5.0000	4.9866	-.013	-.268	.47313	.002	1
S5	10.000	10.057	.057	.572	.95427	.001	1

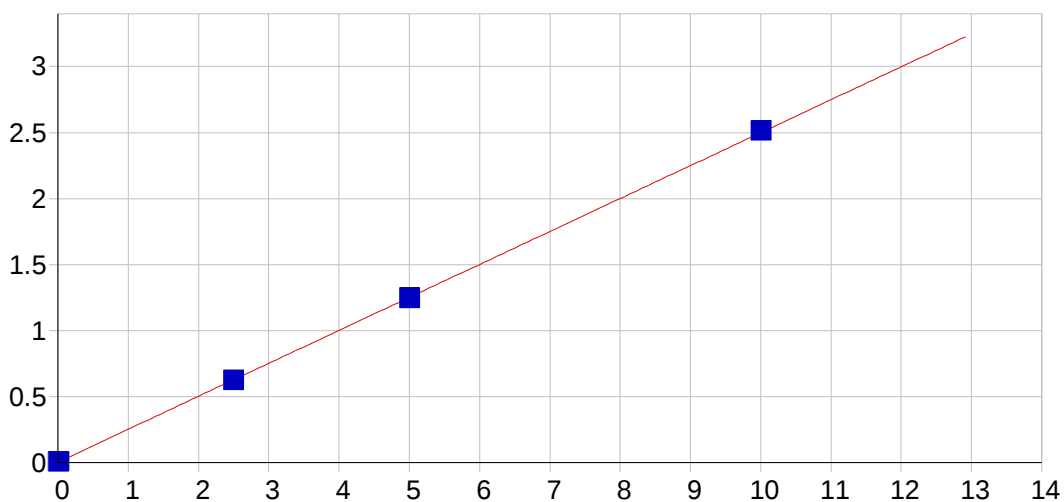


As 189.042 {479}

Date of Fit: 10/4/2018 18:02:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000156 Re-Slope: 1.000000
 A1 (Gain): 0.057751 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999973 Status: OK.
 Std Error of Est: 0.000010



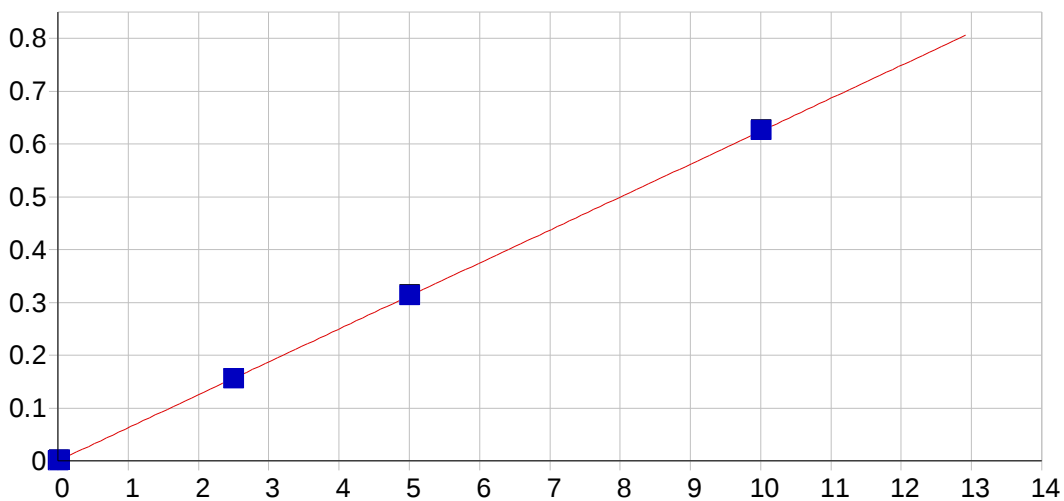


Pb 220.353 {453}

Date of Fit: 10/4/2018 18:02:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002742 Re-Slope: 1.000000
 A1 (Gain): 0.249653 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999979 Status: OK.
 Std Error of Est: 0.000030
 Predicted MDL: 0.001162
 Predicted MQL: 0.003875

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00274	.000	1
S1	.01200	.01256	.001	4.67	.00582	.000	1
S3	2.5000	2.4757	-.024	-.972	.62001	.001	1
S4	5.0000	4.9696	-.030	-.609	1.2418	.003	1
S5	10.000	10.054	.054	.542	2.5096	.002	1



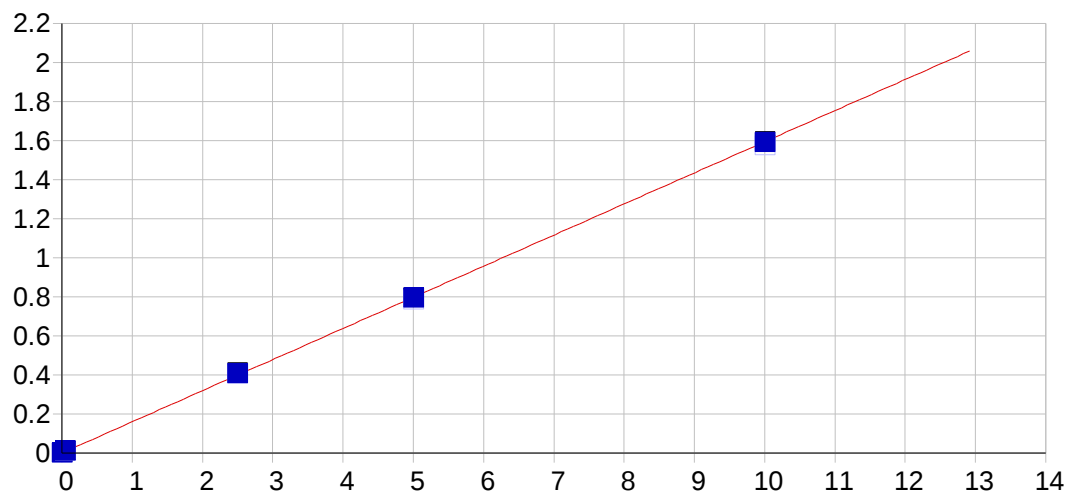
Se 196.090 {472}

Date of Fit: 10/4/2018 18:02:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000231 Re-Slope: 1.000000
 A1 (Gain): 0.062390 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999958 Status: OK.
 Std Error of Est: 0.000014
 Predicted MDL: 0.003805

Predicted MQL: 0.012682

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00023	.000	1
S1	.02000	.01511	-.005	-24.4	.00118	.000	1
S3	2.5000	2.4763	-.024	-.948	.15473	.001	1
S4	5.0000	5.0078	.008	.157	.31268	.001	1
S5	10.000	10.021	.021	.208	.62545	.001	1

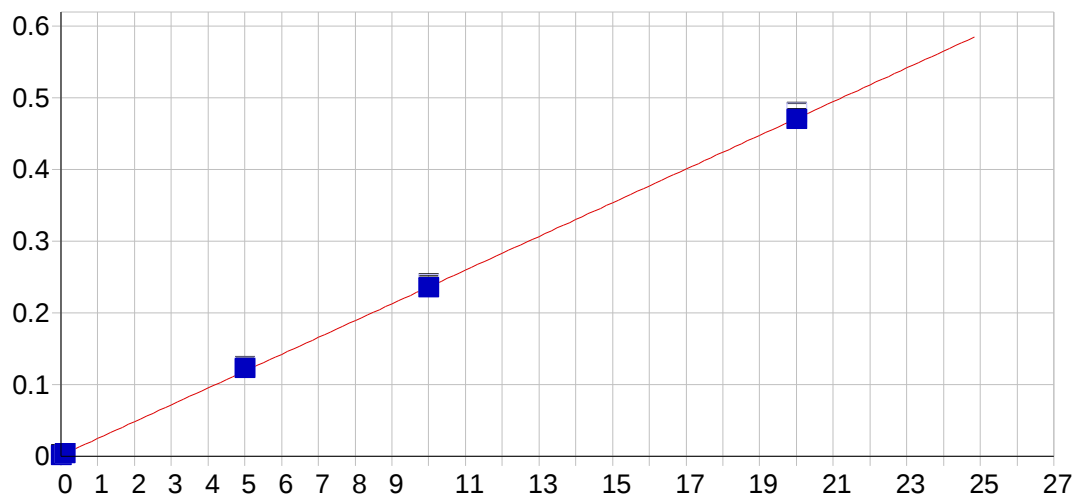


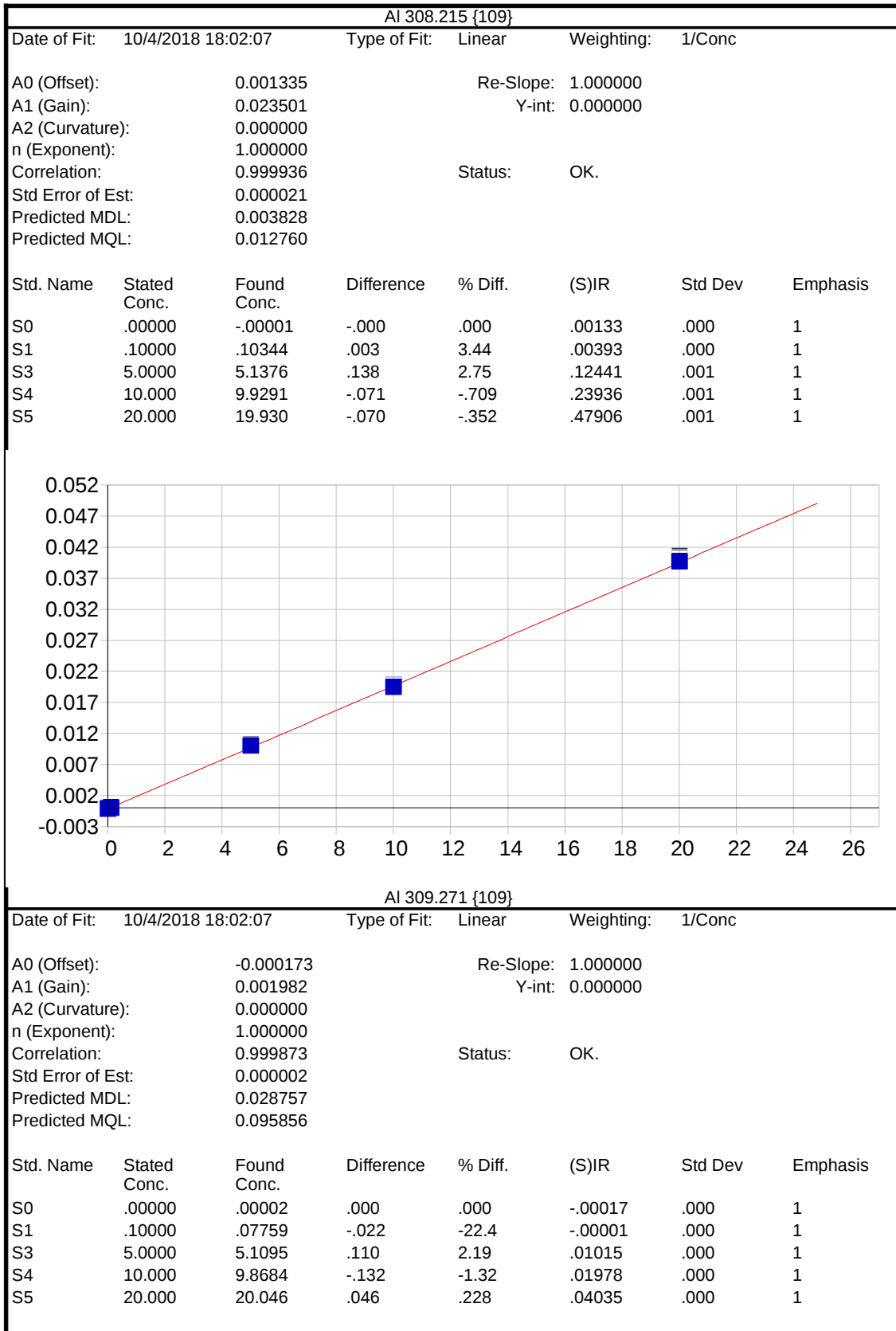
Sb 206.833 {463}

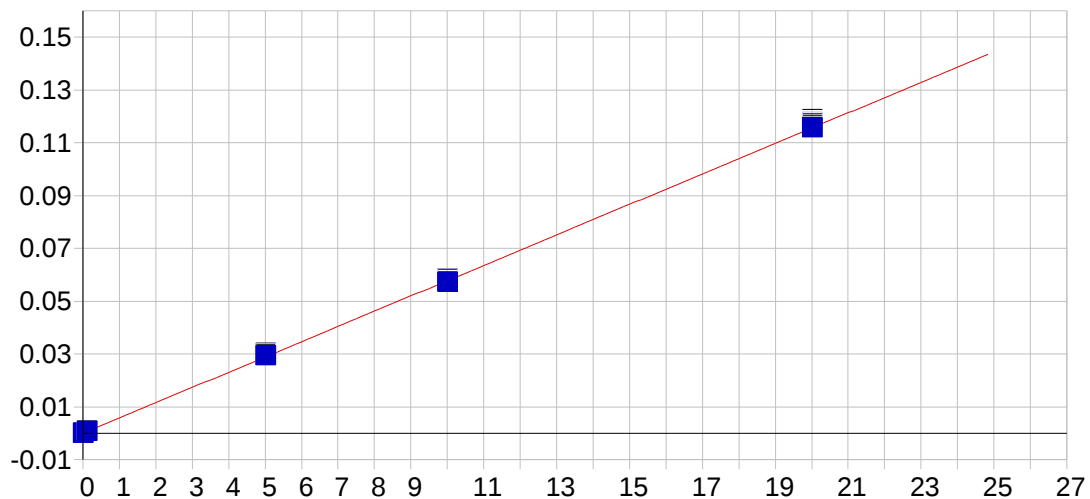
Date of Fit: 10/4/2018 18:02:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000620 Re-Slope: 1.000000
A1 (Gain): 0.159375 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999960 Status: OK.
Std Error of Est: 0.000054
Predicted MDL: 0.002011
Predicted MQL: 0.006703

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00062	.000	1
S1	.05000	.05264	.003	5.28	.00881	.000	1
S3	2.5000	2.5500	.050	2.00	.40254	.002	1
S4	5.0000	4.9682	-.032	-.636	.78347	.001	1
S5	10.000	9.9792	-.021	-.208	1.5731	.001	1





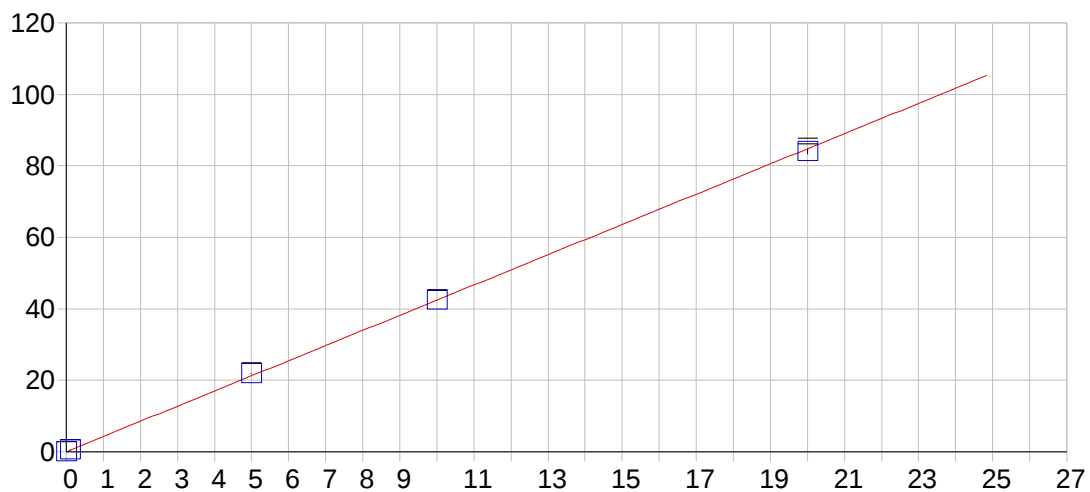


AI 396.152 { 85}

Date of Fit: 10/4/2018 18:02:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000036 Re-Slope: 1.000000
 A1 (Gain): 0.005779 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999939 Status: OK.
 Std Error of Est: 0.000005
 Predicted MDL: 0.014825
 Predicted MQL: 0.049416

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00004	.000	1
S1	.10000	.11227	.012	12.3	.00065	.000	1
S3	5.0000	5.0944	.094	1.89	.02998	.000	1
S4	10.000	9.8909	-.109	-1.09	.05827	.000	1
S5	20.000	20.002	.002	.010	.11786	.001	1



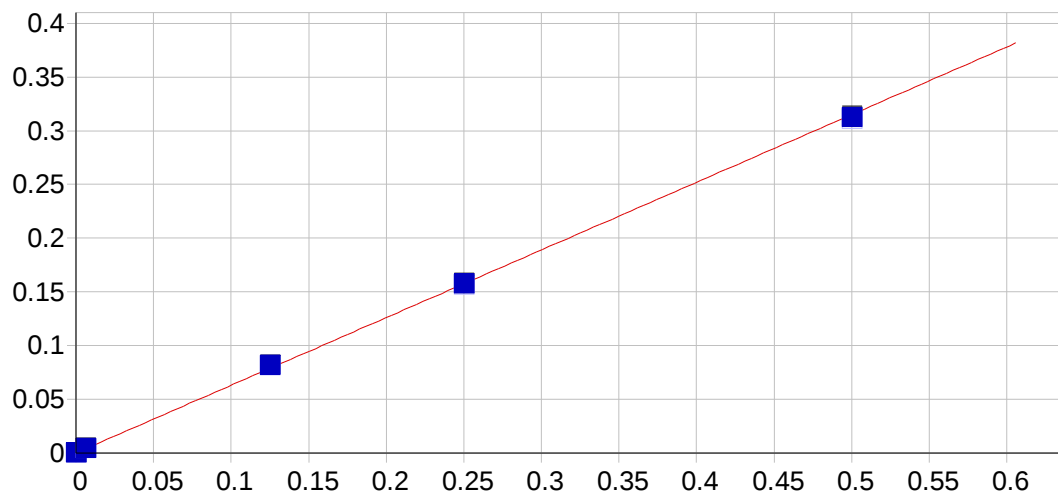
Ba 493.409 { 68}

Date of Fit: 10/4/2018 18:02:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.066348 Re-Slope: 1.000000
 A1 (Gain): 4.235826 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999903 Status: OK.
 Std Error of Est: 0.004516
 Predicted MDL: 0.000695

Predicted MQL: 0.002316

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.06631	.002	1
S1	.10000	.10599	.006	5.99	.51530	.001	1
S3	5.0000	5.1595	.160	3.19	21.921	.102	1
S5	20.000	19.834	-.166	-.831	84.079	.735	1
S4	10.000	10.001	.001	.006	42.427	.096	1

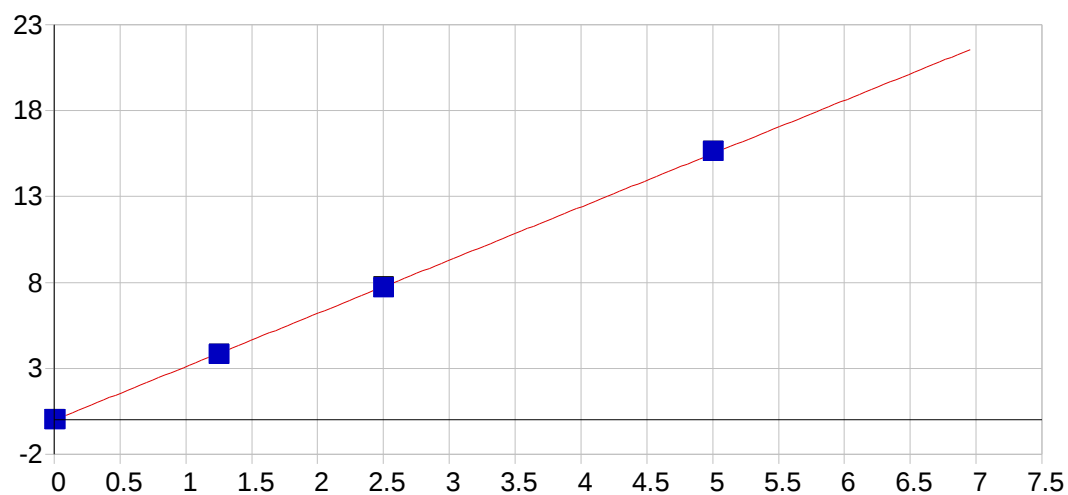


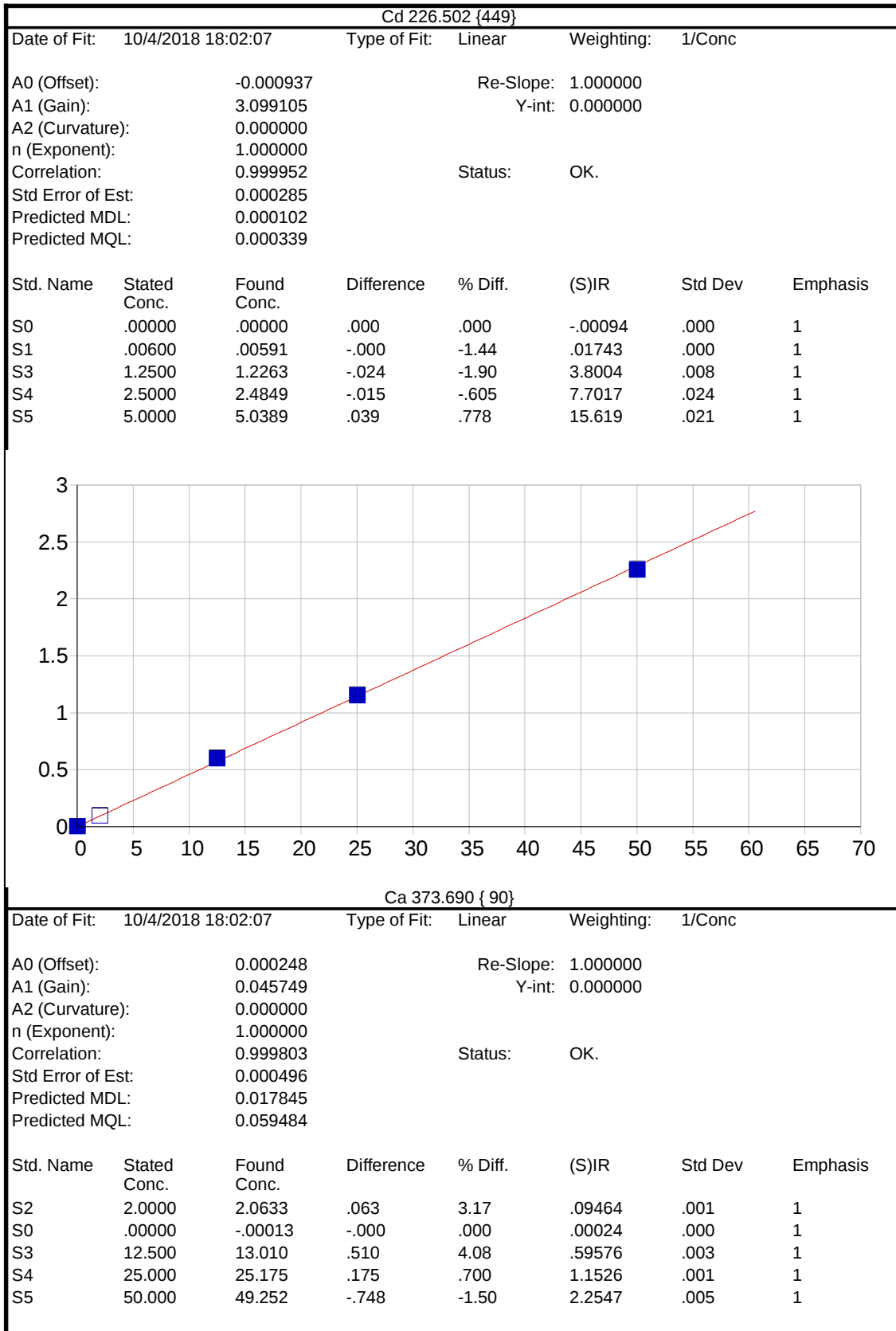
Be 234.861 {144}

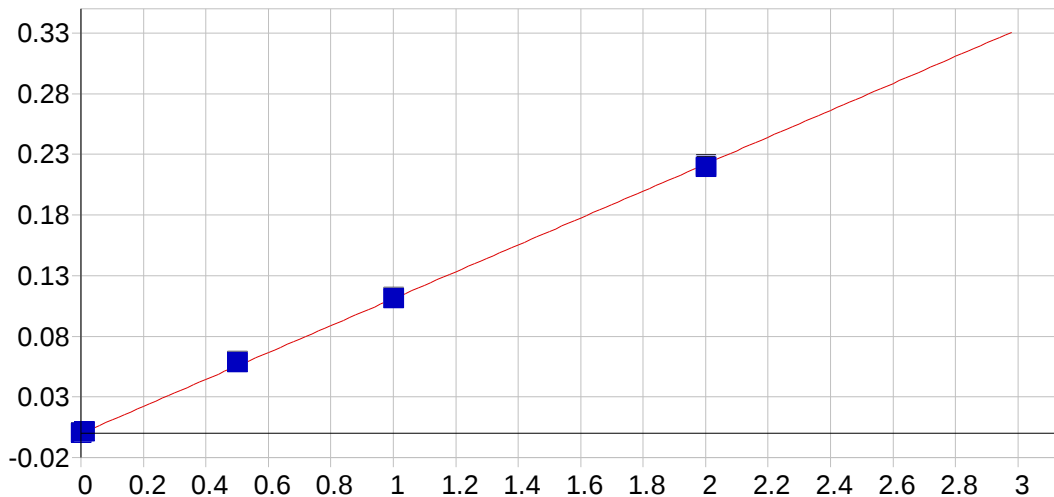
Date of Fit: 10/4/2018 18:02:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000112 Re-Slope: 1.000000
A1 (Gain): 0.629775 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999897 Status: OK.
Std Error of Est: 0.000027
Predicted MDL: 0.000083
Predicted MQL: 0.000275

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00011	.000	1
S1	.00600	.00618	.000	2.96	.00396	.000	1
S3	.12500	.12920	.004	3.36	.08099	.000	1
S4	.25000	.24955	-.000	-.178	.15628	.001	1
S5	.50000	.49606	-.004	-.787	.31054	.001	1





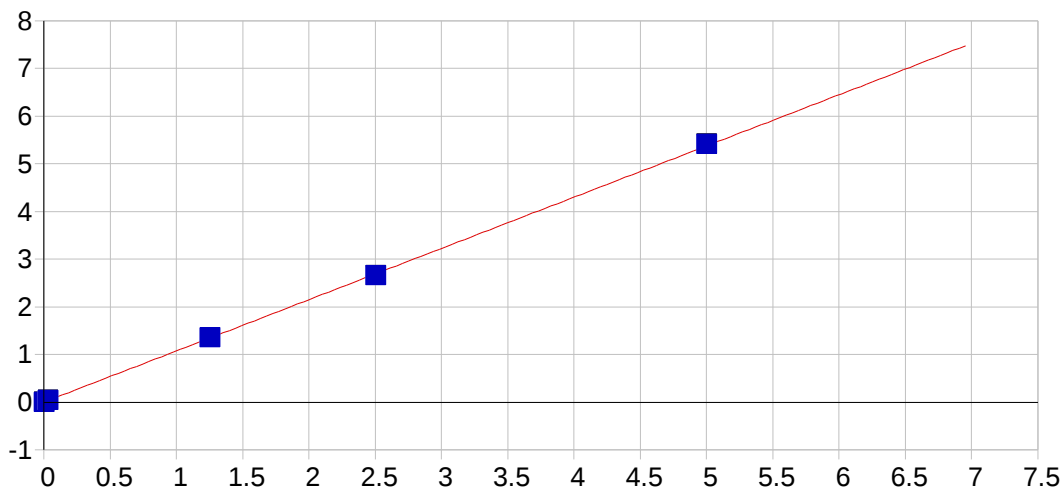


Cr 267.716 {126}

Date of Fit: 10/4/2018 18:02:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000026 Re-Slope: 1.000000
 A1 (Gain): 0.110966 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999762 Status: OK.
 Std Error of Est: 0.000019
 Predicted MDL: 0.000598
 Predicted MQL: 0.001994

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00003	.000	1
S1	.01000	.01066	.001	6.62	.00116	.000	1
S3	.50000	.52579	.026	5.16	.05873	.000	1
S4	1.0000	.99880	-.001	-.120	.11163	.000	1
S5	2.0000	1.9748	-.025	-1.26	.22076	.000	1



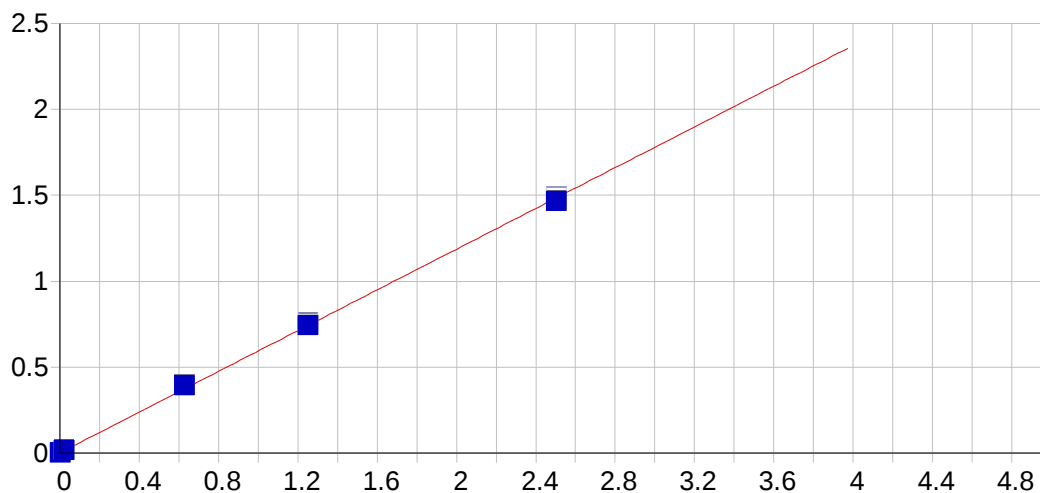
Co 228.616 {447}

Date of Fit: 10/4/2018 18:02:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000265 Re-Slope: 1.000000
 A1 (Gain): 1.075186 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999949 Status: OK.
 Std Error of Est: 0.000227
 Predicted MDL: 0.000266

Predicted MQL: 0.000888

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00027	.000	1
S1	.03000	.03261	.003	8.71	.03458	.000	1
S3	1.2500	1.2591	.009	.725	1.3545	.003	1
S4	2.5000	2.4649	-.035	-1.40	2.6521	.007	1
S5	5.0000	5.0234	.023	.468	5.4050	.009	1

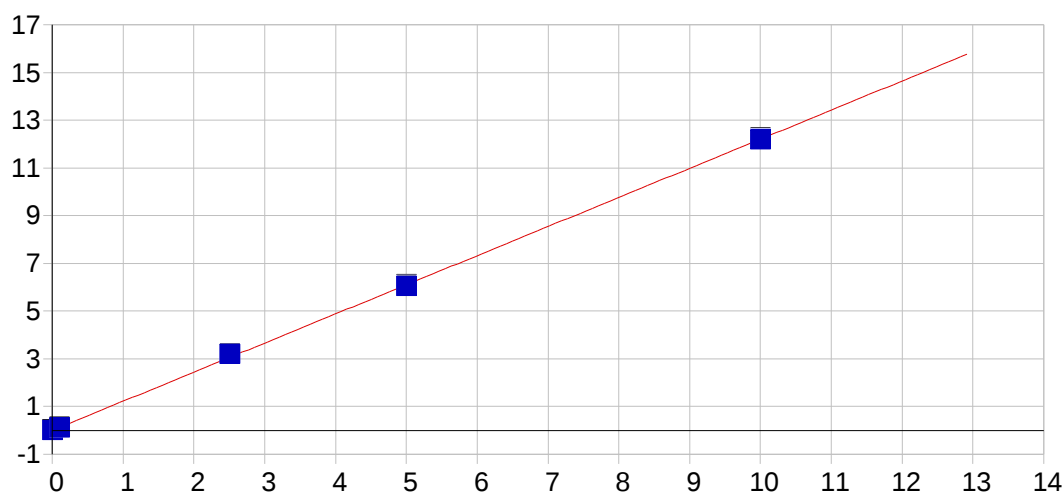


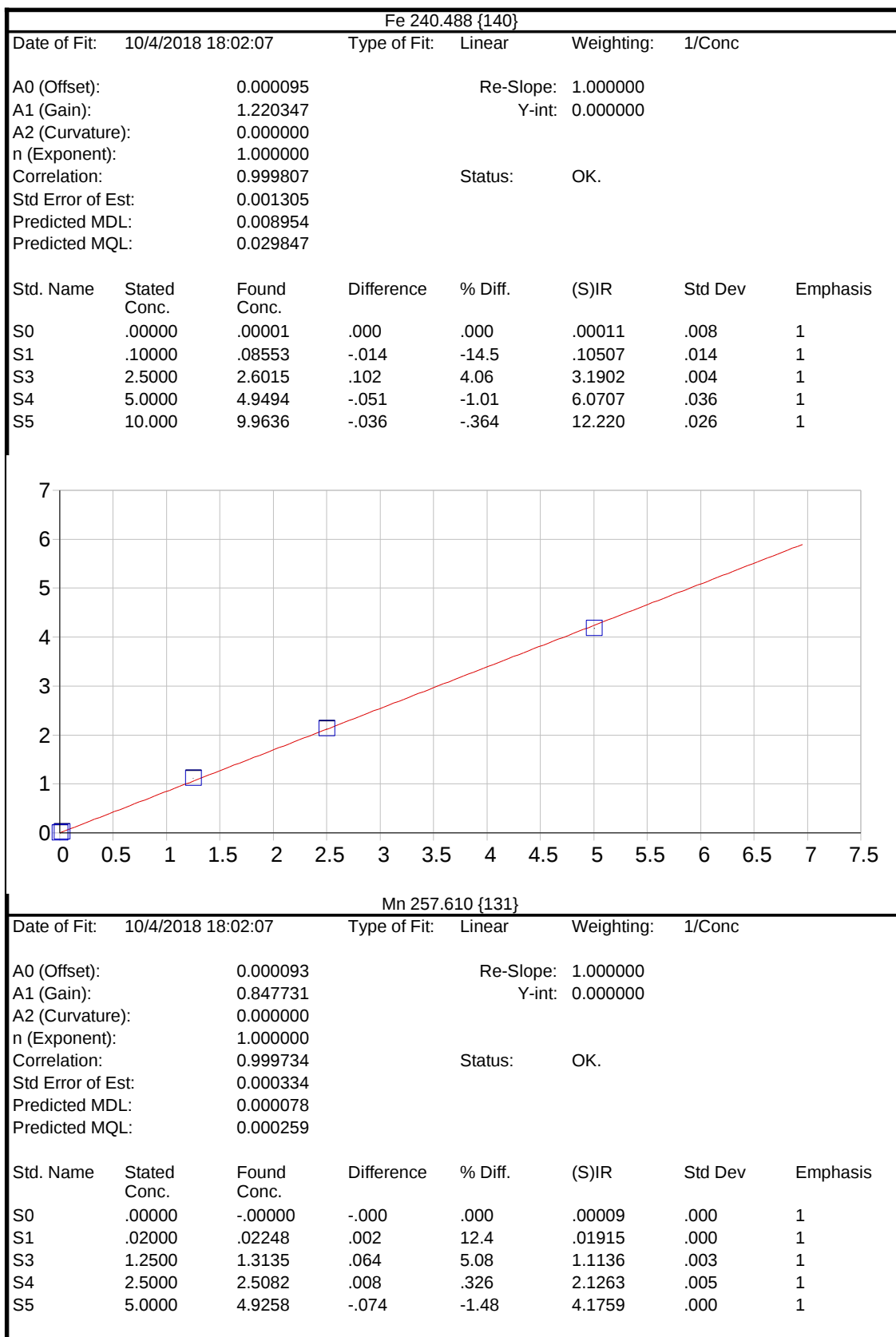
Cu 224.700 {450}

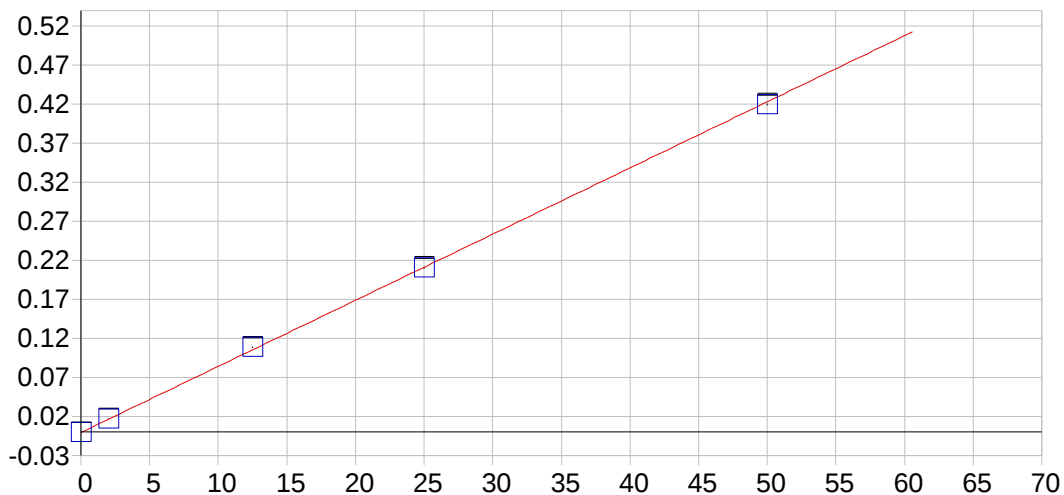
Date of Fit: 10/4/2018 18:02:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001112 Re-Slope: 1.000000
A1 (Gain): 0.592750 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999778 Status: OK.
Std Error of Est: 0.000154
Predicted MDL: 0.000639
Predicted MQL: 0.002131

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00111	.000	1
S1	.02000	.02152	.002	7.62	.01408	.000	1
S3	.62500	.65560	.031	4.90	.39630	.000	1
S4	1.2500	1.2499	-.000	-.004	.75518	.001	1
S5	2.5000	2.4679	-.032	-1.28	1.4903	.001	1





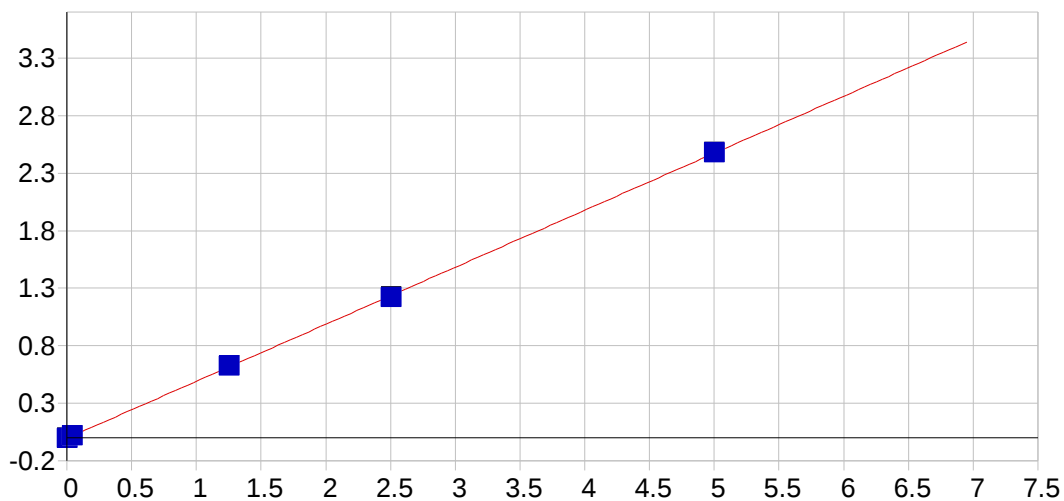


Mg 279.079 {121}

Date of Fit: 10/4/2018 18:02:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000557 Re-Slope: 1.000000
 A1 (Gain): 0.008476 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999888 Status: OK.
 Std Error of Est: 0.000069
 Predicted MDL: 0.045684
 Predicted MQL: 0.152281

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0869	.087	4.35	.01713	.000	1
S0	.00000	-.00013	-.000	.000	-.00056	.000	1
S3	12.500	12.900	.400	3.20	.10877	.001	1
S4	25.000	24.918	-.082	-.329	.21064	.001	1
S5	50.000	49.596	-.404	-.809	.41979	.001	1



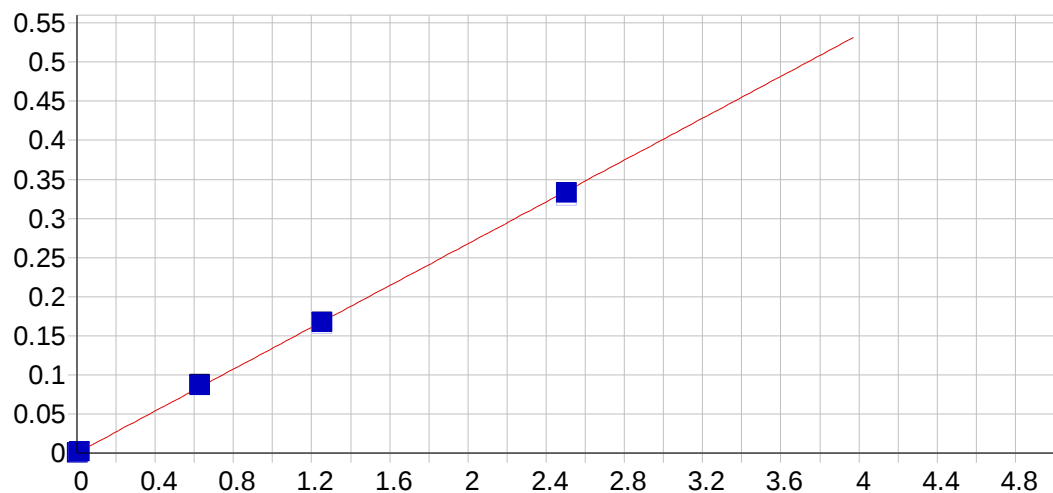
Ni 231.604 {445}

Date of Fit: 10/4/2018 18:02:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.004591 Re-Slope: 1.000000
 A1 (Gain): 0.495545 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999951 Status: OK.
 Std Error of Est: 0.000119
 Predicted MDL: 0.000532

Predicted MQL: 0.001773

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00459	.000	1
S1	.04000	.04288	.003	7.20	.01667	.000	1
S3	1.2500	1.2687	.019	1.50	.62479	.001	1
S4	2.5000	2.4698	-.030	-1.21	1.2207	.002	1
S5	5.0000	5.0086	.009	.172	2.4801	.001	1

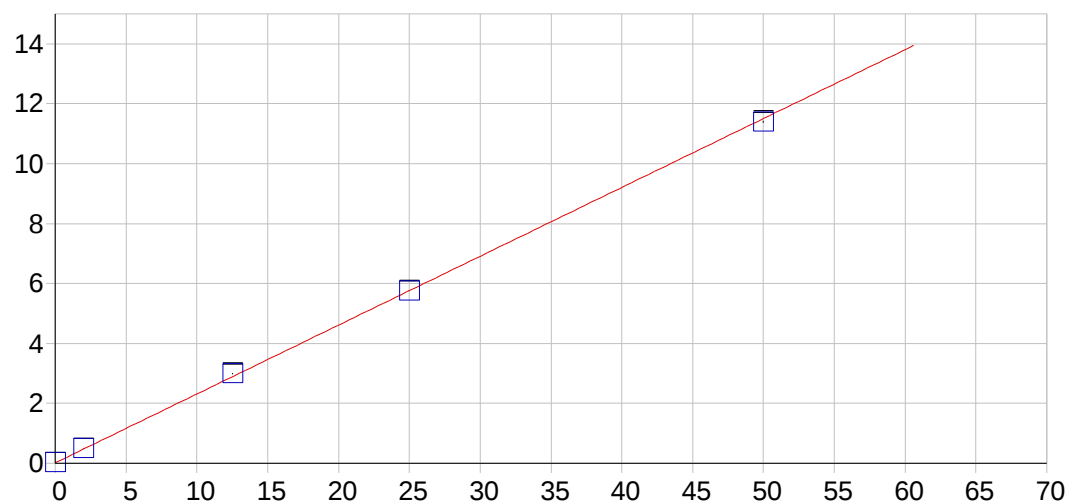


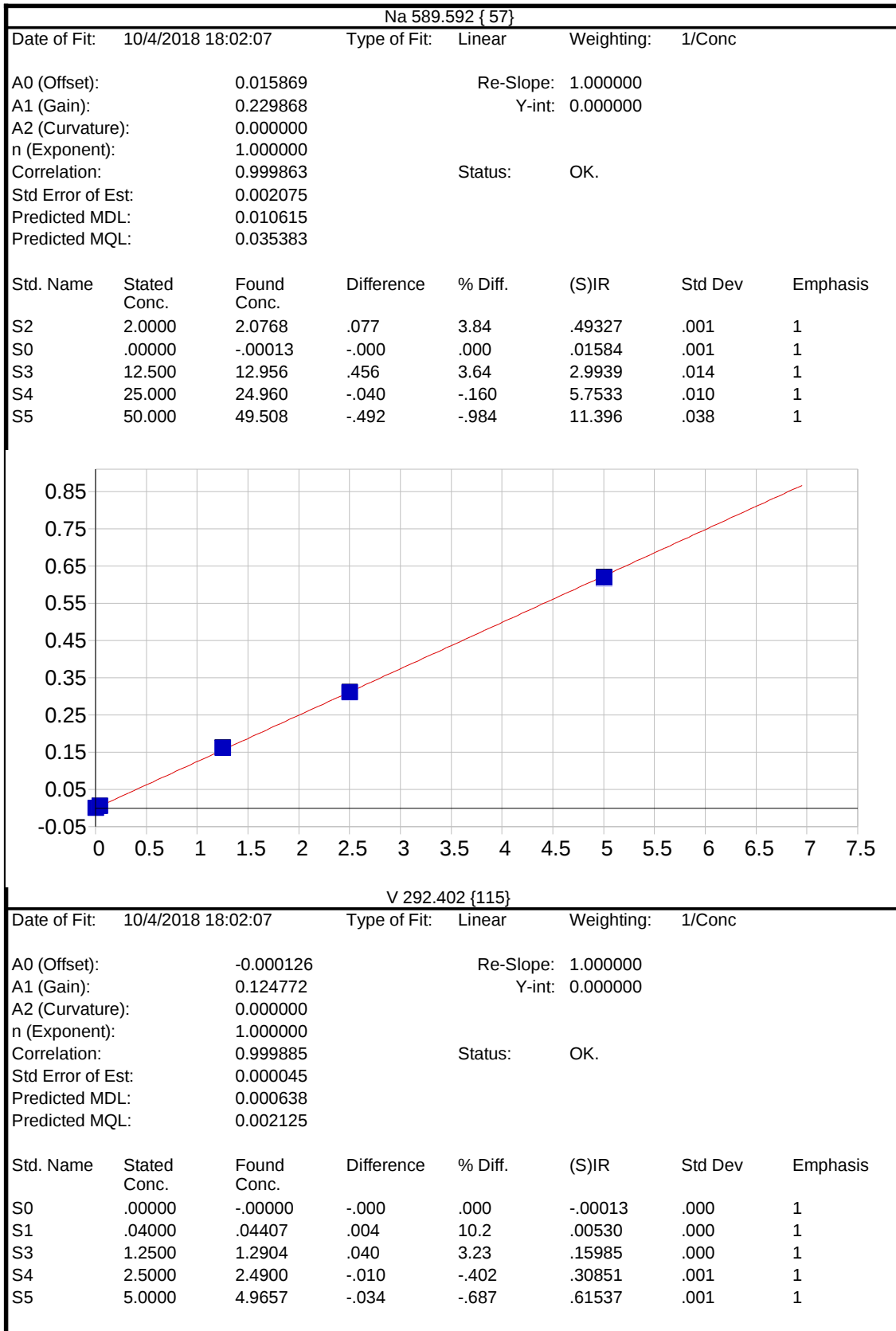
Ag 328.068 {103}

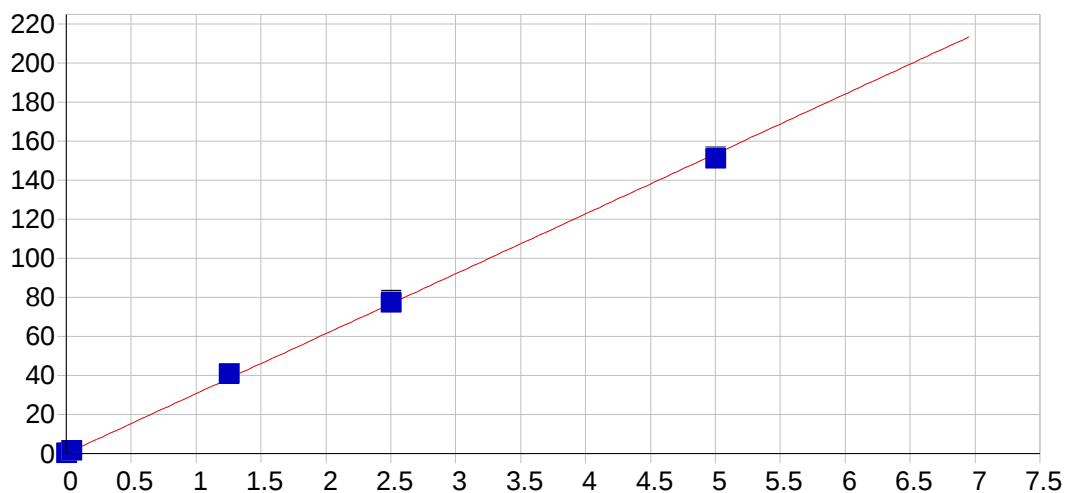
Date of Fit: 10/4/2018 18:02:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000253 Re-Slope: 1.000000
A1 (Gain): 0.133723 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999881 Status: OK.
Std Error of Est: 0.000017
Predicted MDL: 0.000763
Predicted MQL: 0.002545

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00025	.000	1
S1	.01000	.01034	.000	3.36	.00161	.000	1
S3	.62500	.64813	.023	3.70	.08598	.000	1
S4	1.2500	1.2441	-.006	-.475	.16472	.000	1
S5	2.5000	2.4825	-.018	-.701	.32843	.000	1





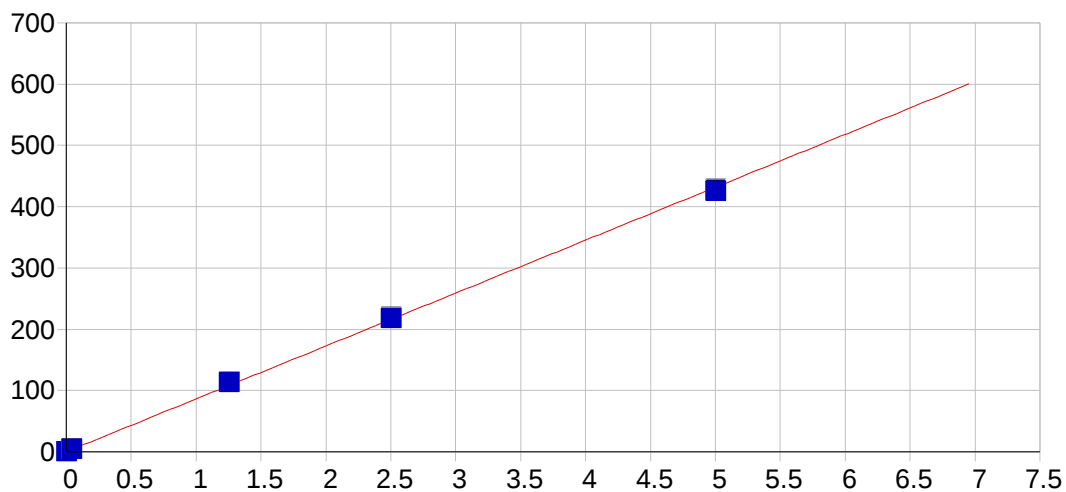


Zn 206.200 {163}

Date of Fit: 10/4/2018 18:02:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.053395 Re-Slope: 1.000000
 A1 (Gain): 30.689652 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999693 Status: OK.
 Std Error of Est: 0.018521
 Predicted MDL: 0.000471
 Predicted MQL: 0.001570

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.05323	.020	1
S1	.04000	.04379	.004	9.48	1.4055	.001	1
S3	1.2500	1.3187	.069	5.50	40.756	.013	1
S4	2.5000	2.5082	.008	.330	77.494	.999	1
S5	5.0000	4.9193	-.081	-1.61	151.95	.069	1



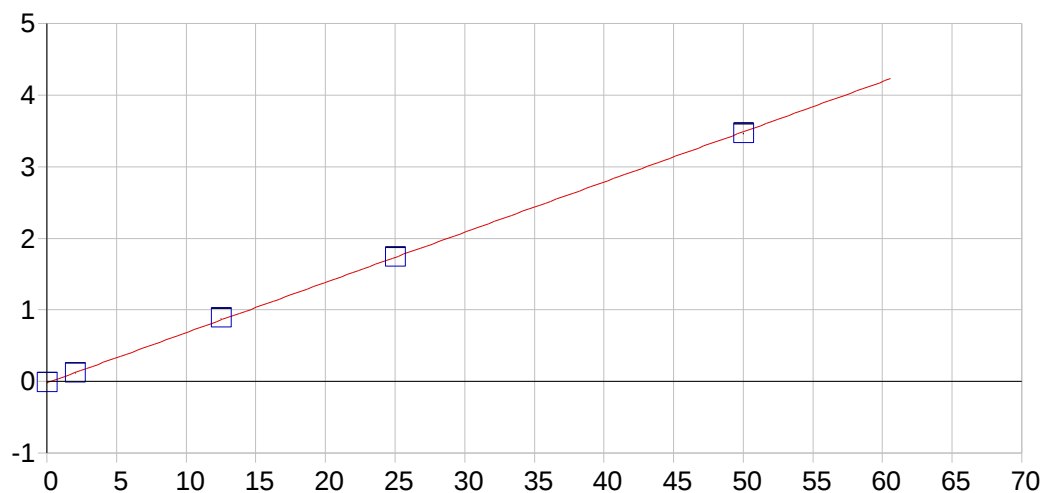
Zn 213.856 {458}

Date of Fit: 10/4/2018 18:02:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.053321 Re-Slope: 1.000000
 A1 (Gain): 86.326969 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999774 Status: OK.
 Std Error of Est: 0.044663
 Predicted MDL: 0.000089

Predicted MQL: 0.000298

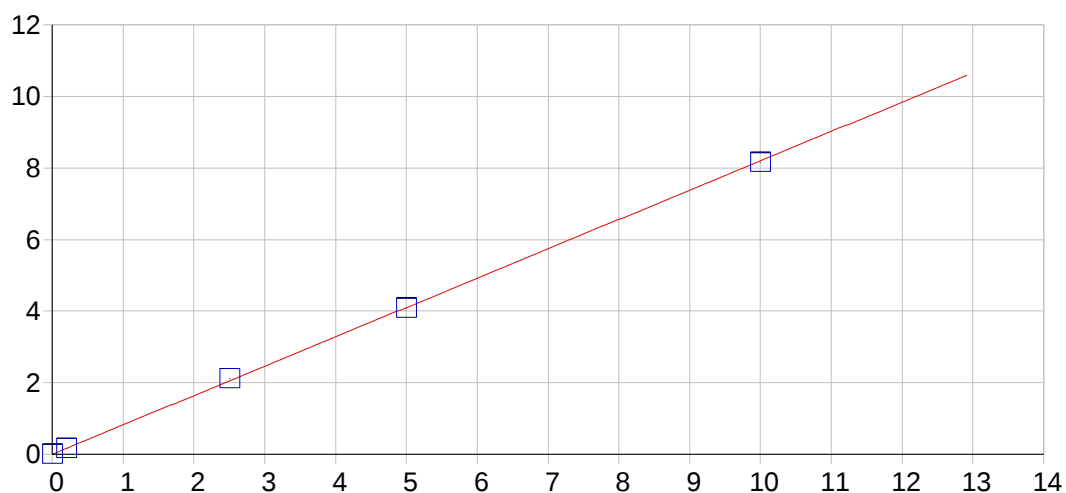
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.05290	.002	1
S1	.04000	.04342	.003	8.55	3.8241	.036	1
S3	1.2500	1.3067	.057	4.54	113.51	.242	1
S4	2.5000	2.5135	.013	.538	218.34	1.02	1
S5	5.0000	4.9264	-.074	-1.47	427.95	.644	1

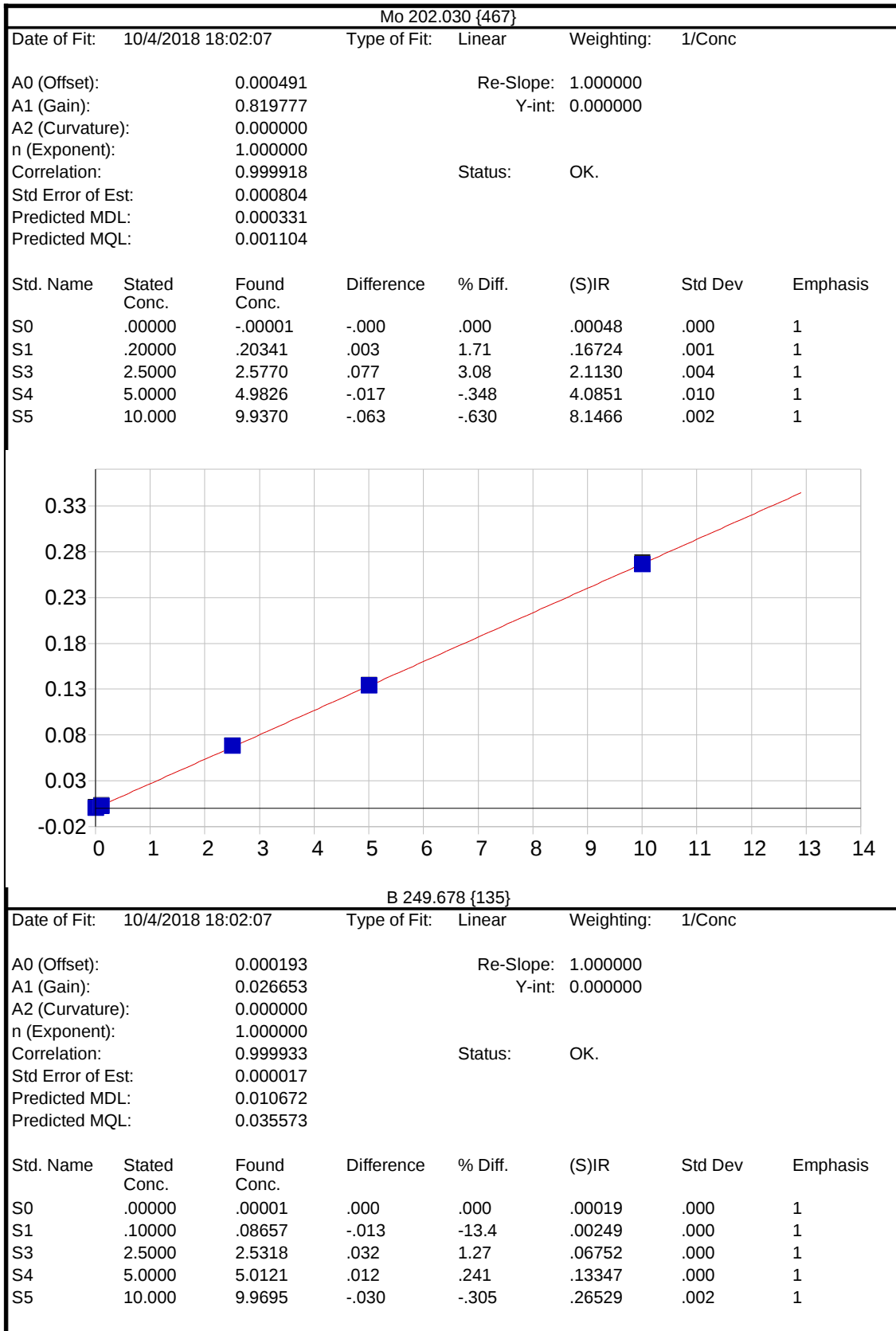


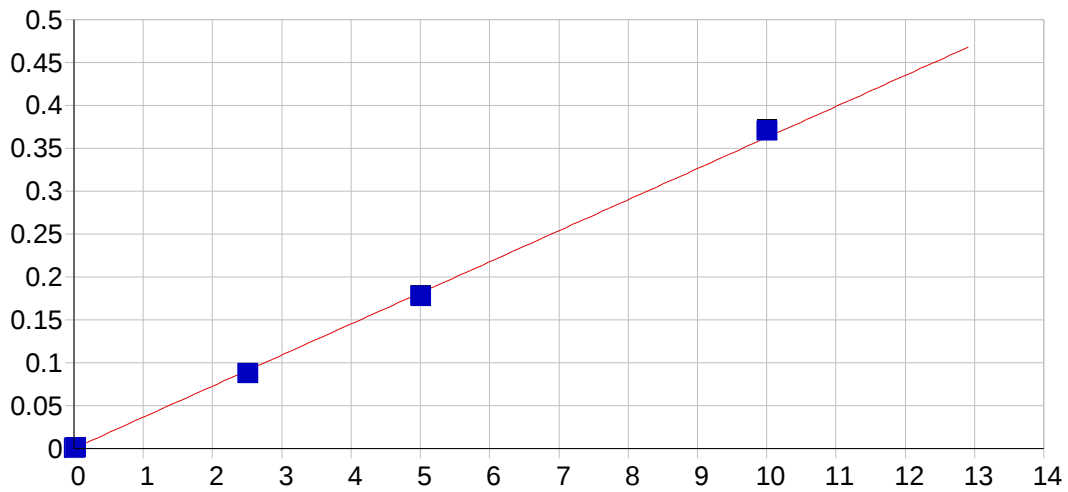
Date of Fit: 10/4/2018 18:02:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.019339 Re-Slope: 1.000000
A1 (Gain): 0.070111 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999922 Status: OK.
Std Error of Est: 0.000477
Predicted MDL: 0.037748
Predicted MQL: 0.125826

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	1.9603	-.040	-1.99	.11810	.000	1
S0	.00000	-.00001	-.000	.000	-.01934	.000	1
S3	12.500	12.872	.372	2.98	.88315	.003	1
S4	25.000	24.985	-.015	-.061	1.7324	.005	1
S5	50.000	49.683	-.317	-.635	3.4640	.011	1





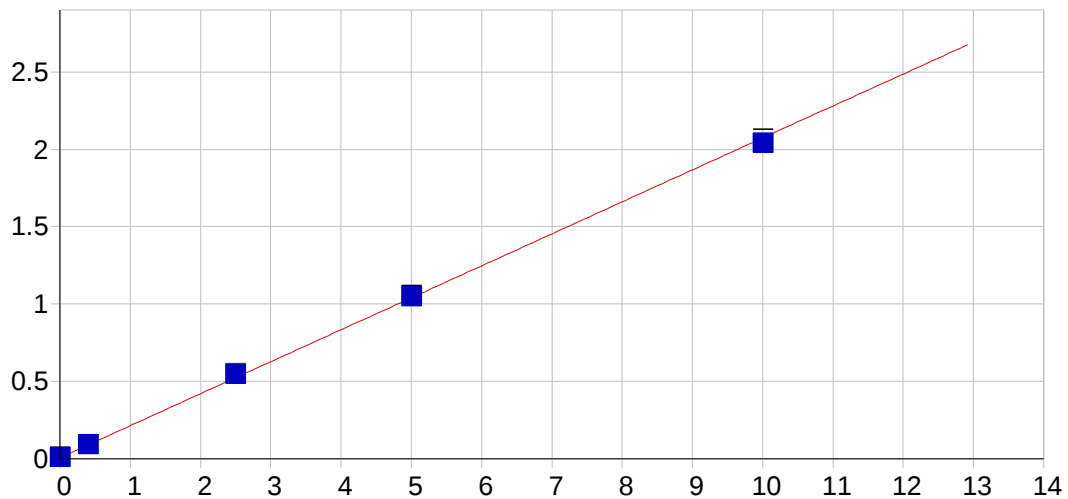


Si 182.034 {485}

Date of Fit: 10/4/2018 18:02:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000348 Re-Slope: 1.000000
 A1 (Gain): 0.036218 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999666 Status: OK.
 Std Error of Est: 0.000023
 Predicted MDL: 0.003774
 Predicted MQL: 0.012581

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00035	.000	1
S1	.02000	.01899	-.001	-5.07	.00101	.000	1
S3	2.5000	2.3945	-.106	-4.22	.08697	.000	1
S4	5.0000	4.8891	-.111	-2.22	.17722	.000	1
S5	10.000	10.217	.217	2.17	.37000	.001	1



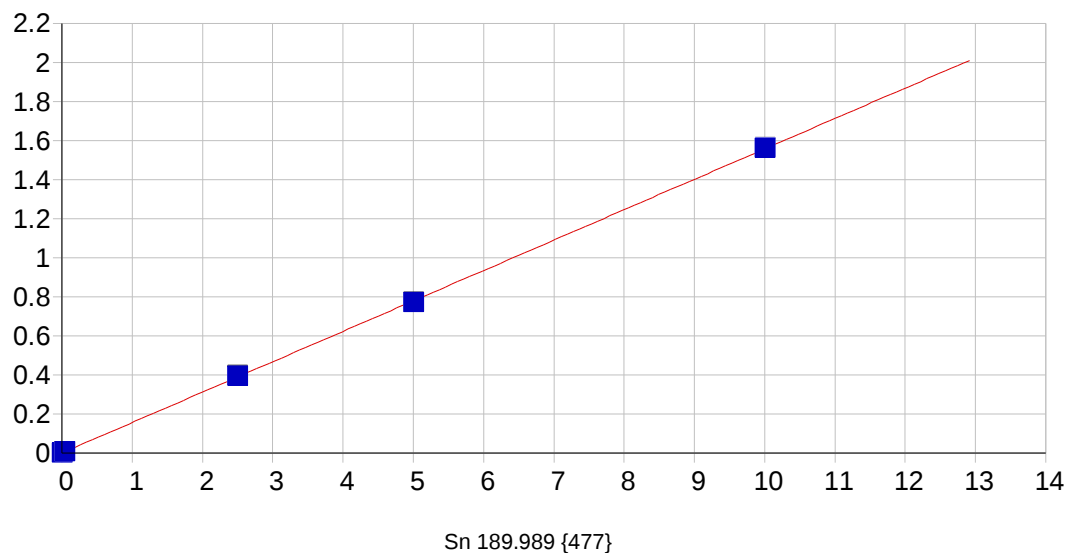
Si 288.158 {117}

Date of Fit: 10/4/2018 18:02:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.007123 Re-Slope: 1.000000
 A1 (Gain): 0.206634 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999768 Status: OK.
 Std Error of Est: 0.000486
 Predicted MDL: 0.003863

Predicted MQL: 0.012877

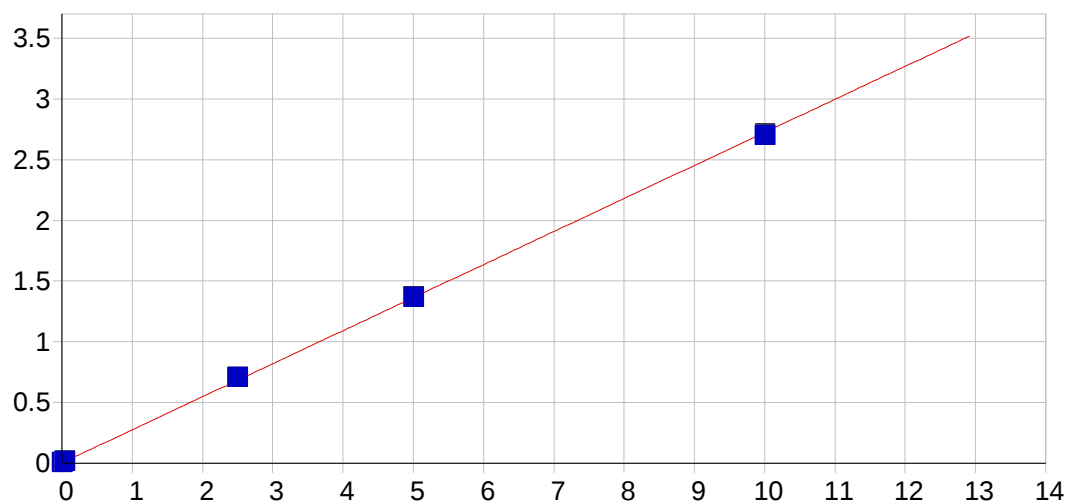
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.00712	.001	1
S1	.40000	.41250	.013	3.13	.09229	.000	1
S3	2.5000	2.6160	.116	4.64	.54741	.004	1
S4	5.0000	5.0262	.026	.524	1.0452	.009	1
S5	10.000	9.8453	-.155	-1.55	2.0404	.022	1

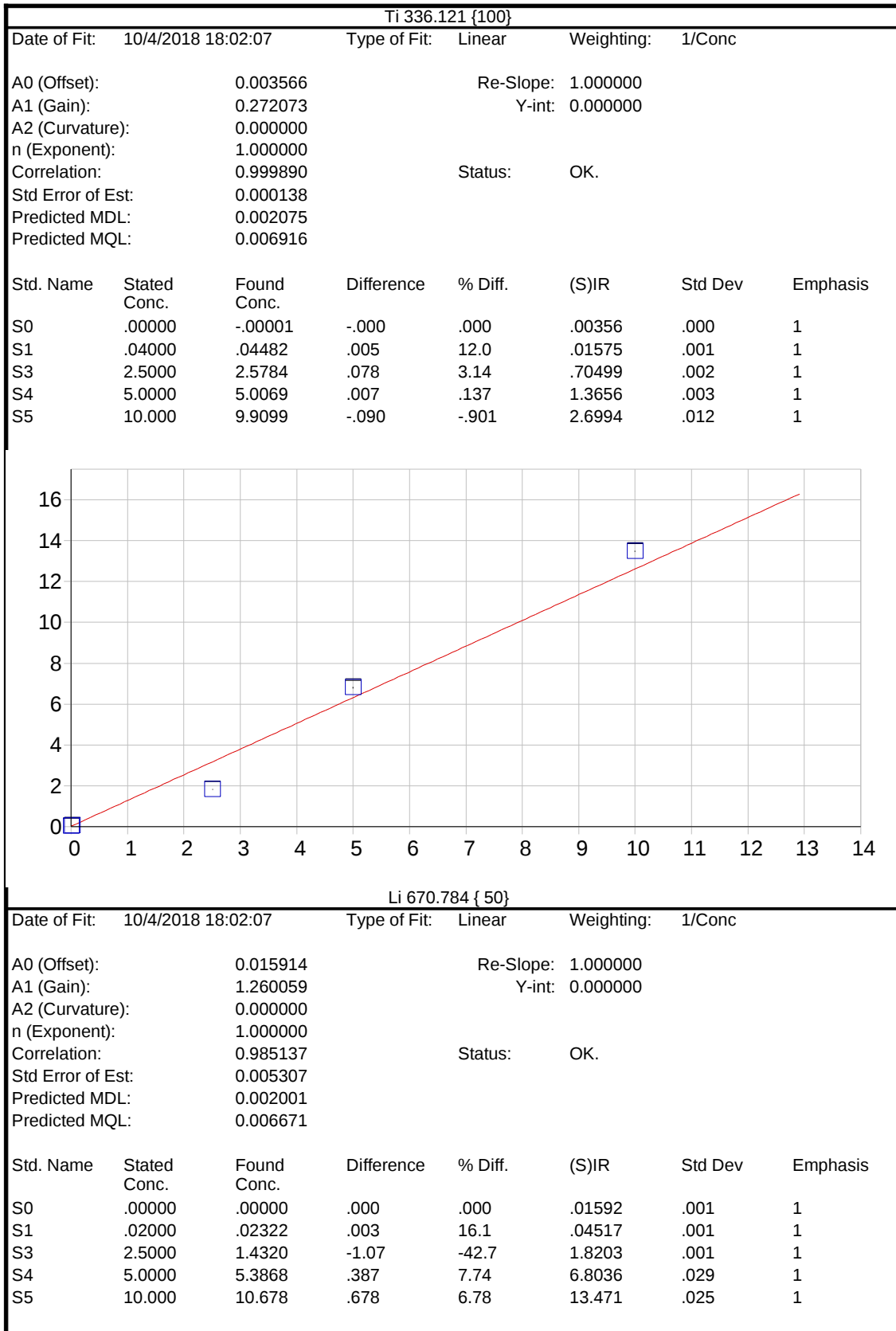


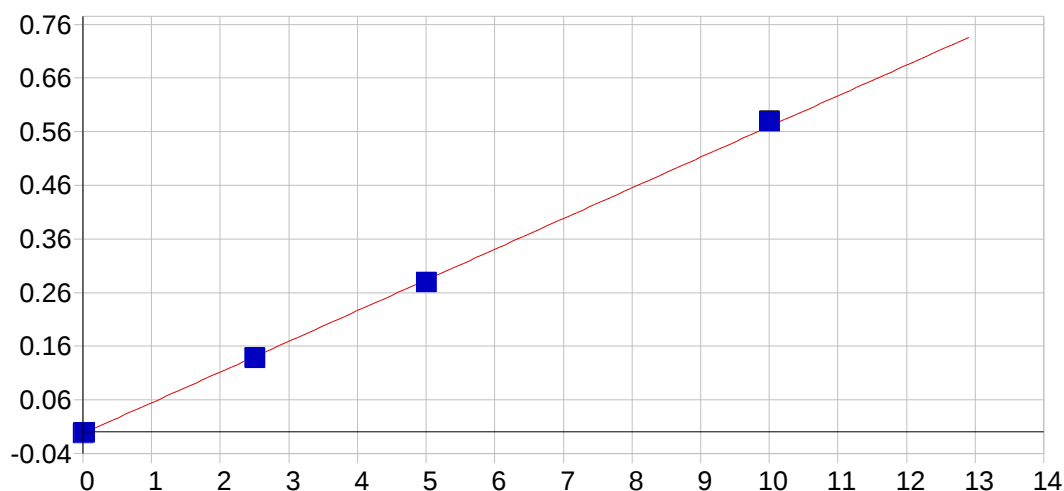
Date of Fit: 10/4/2018 18:02:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000580 Re-Slope: 1.000000
A1 (Gain): 0.155697 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999972 Status: OK.
Std Error of Est: 0.000040
Predicted MDL: 0.000887
Predicted MQL: 0.002955

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00058	.000	1
S1	.04000	.04154	.002	3.86	.00705	.000	1
S3	2.5000	2.5239	.024	.955	.39361	.002	1
S4	5.0000	4.9444	-.056	-1.11	.77054	.001	1
S5	10.000	10.030	.030	.302	1.5625	.000	1





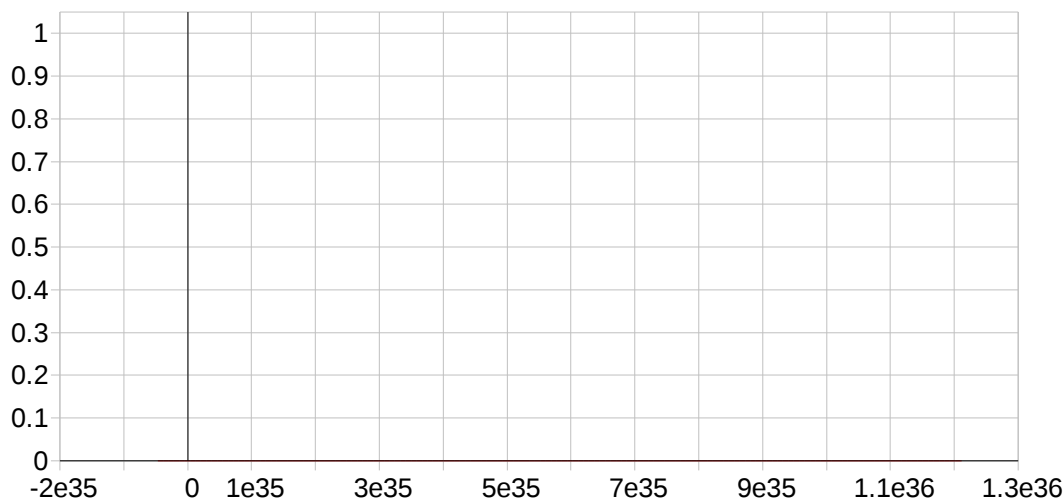


P 177.495 {490}

Date of Fit: 10/4/2018 18:02:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002464 Re-Slope: 1.000000
 A1 (Gain): 0.057201 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999848 Status: OK.
 Std Error of Est: 0.000024
 Predicted MDL: 0.002288
 Predicted MQL: 0.007626

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00246	.000	1
S1	.02000	.01934	-.001	-3.31	-.00136	.000	1
S3	2.5000	2.4436	-.056	-2.25	.13711	.001	1
S4	5.0000	4.9064	-.094	-1.87	.27777	.001	1
S5	10.000	10.151	.151	1.51	.57733	.001	1

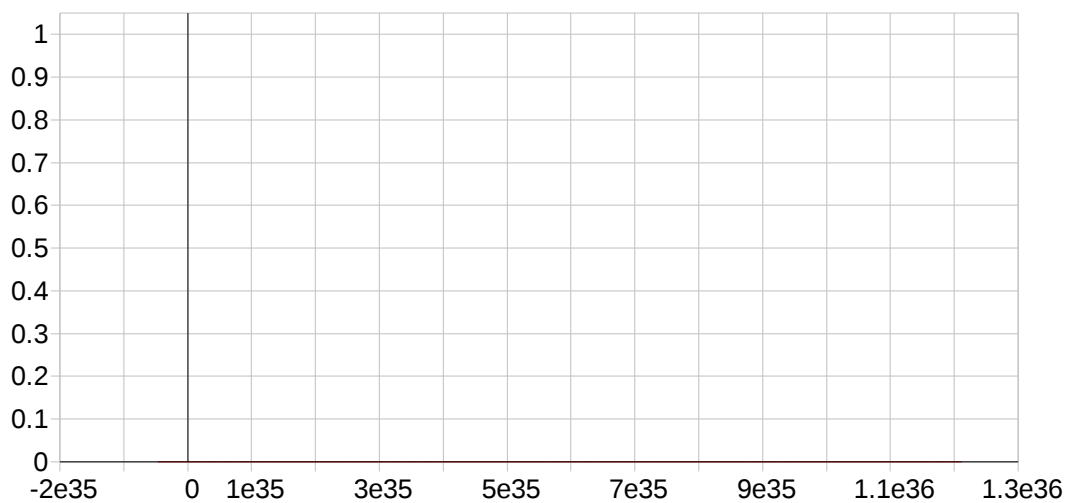


Y 224.306 {450}*

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

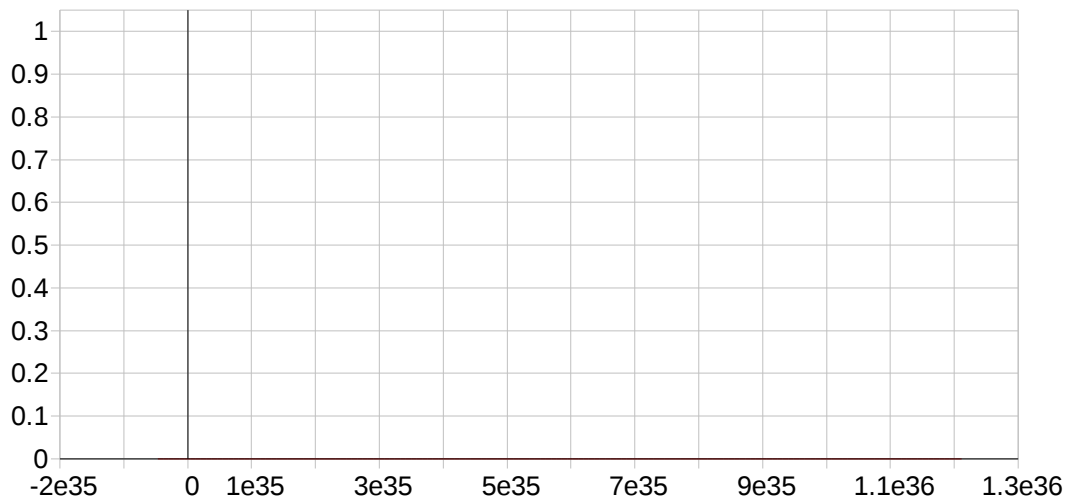
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
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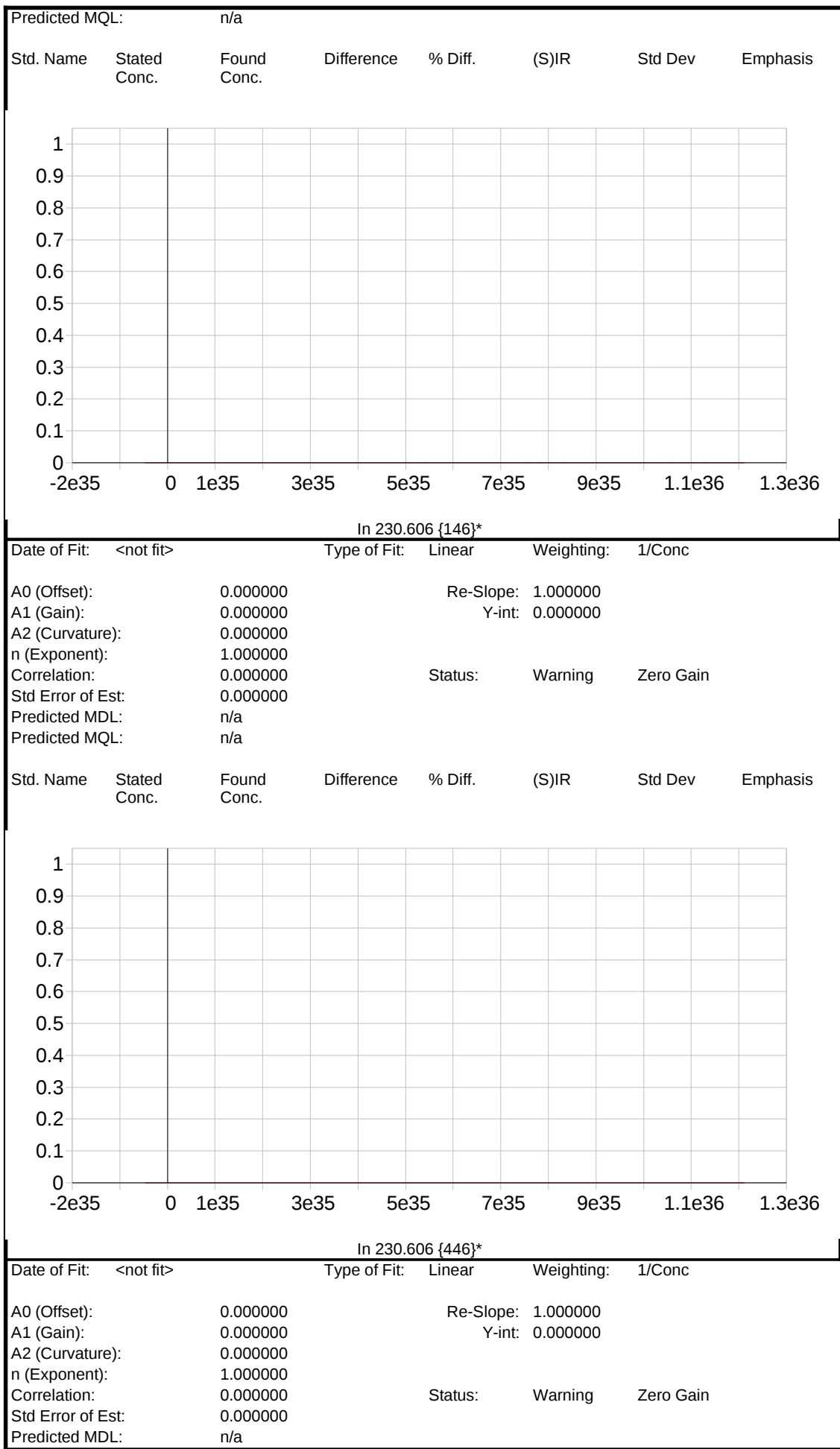
A0 (Offset):	0.000000	Re-Slope:	1.000000
A1 (Gain):	0.000000	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.000000	Status:	Warning Zero Gain
Std Error of Est:	0.000000		
Predicted MDL:	n/a		
Predicted MQL:	n/a		

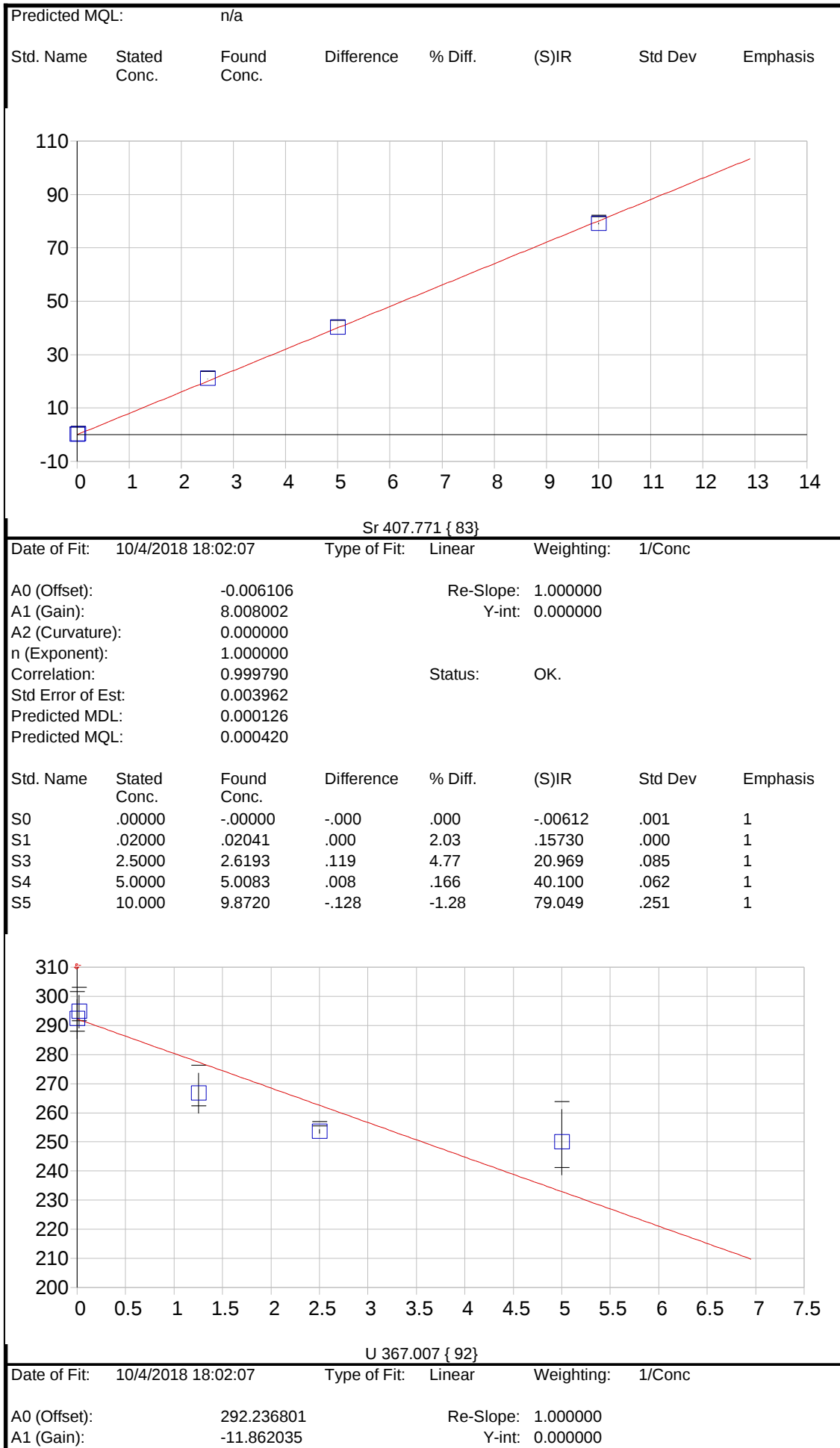
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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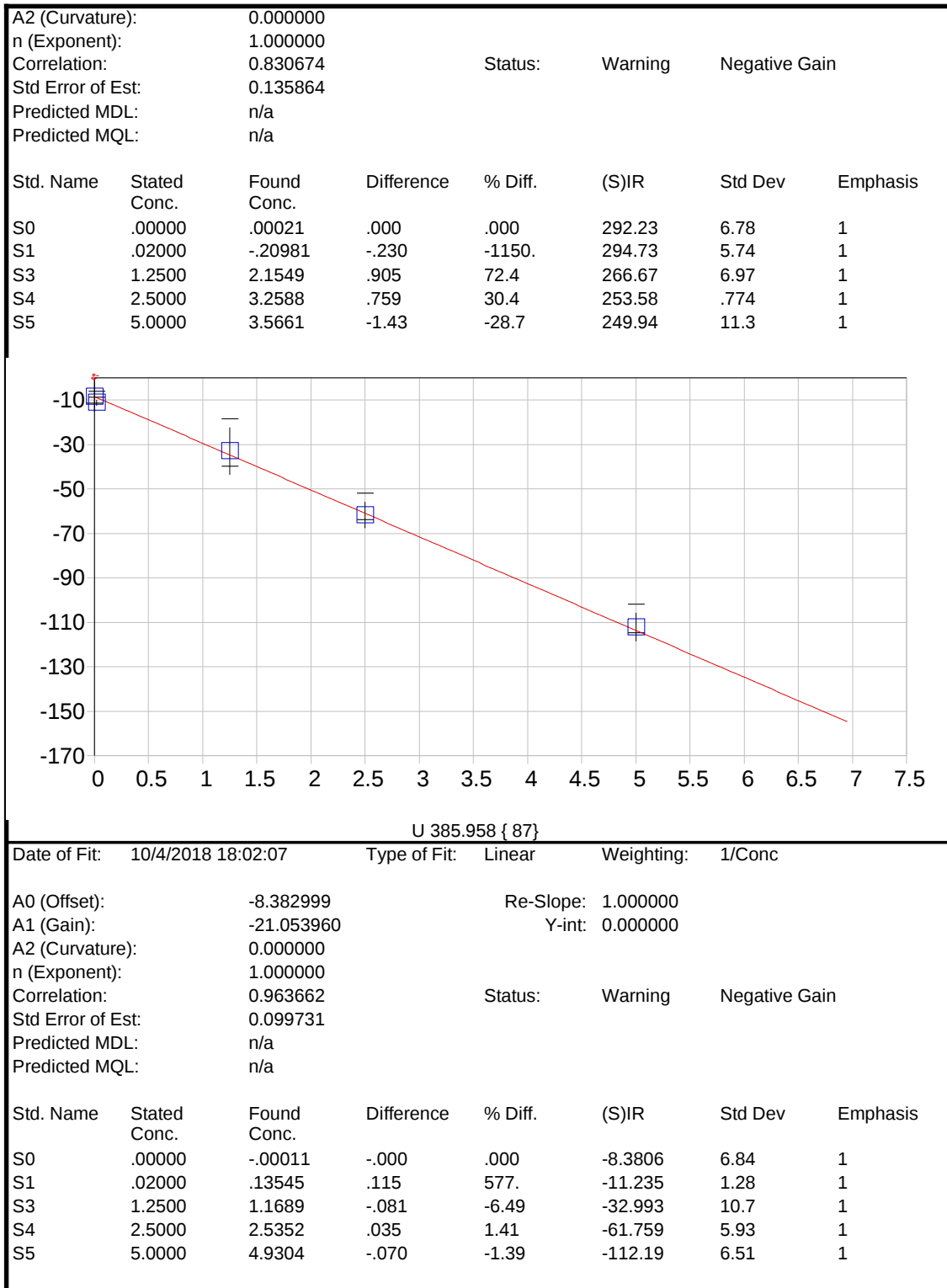


Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
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A0 (Offset):	0.000000	Re-Slope:	1.000000
A1 (Gain):	0.000000	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.000000	Status:	Warning Zero Gain
Std Error of Est:	0.000000		
Predicted MDL:	n/a		







Sample Name: S0 Acquired: 10/4/2018 11:09:03 Type: Cal
Method: P4-ICP2(v2478) 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	.00016	.00009	.00274	.00023	.00062	-.00004	.06631
Stddev	.00014	.00011	.00015	.00005	.00005	.00001	.00192
%RSD	86.801	122.52	5.3924	19.862	8.7649	22.486	2.8978

#1	.00006	.00017	.00264	.00020	.00066	-.00004	.06767
#2	.00025	.00001	.00285	.00026	.00058	-.00003	.06495

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00011	-.00094	.00024	-.00003	-.00027	.00111	.00011
Stddev	.00000	.00011	.00022	.00007	.00006	.00000	.00811
%RSD	1.0683	11.862	90.101	256.81	24.275	.25377	7384.4

#1	.00011	-.00101	.00009	.00002	-.00031	.00111	.00584
#2	.00011	-.00086	.00040	-.00007	-.00022	.00111	-.00562

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	.00009	-.00056	-.00459	.00025	.01584	-.00013	.05290
Stddev	.00000	.00012	.00010	.00006	.00117	.00006	.00198
%RSD	4.0522	21.847	2.0874	25.647	7.3789	47.577	3.7353

#1	.00009	-.00064	-.00466	.00030	.01667	-.00008	.05430
#2	.00009	-.00047	-.00452	.00021	.01501	-.00017	.05150

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	-.01934	.00048	.00019	.00035	.00712	.00058	.00356
Stddev	.00001	.00000	.00026	.00002	.00055	.00002	.00041
%RSD	.03400	.31092	137.00	6.7406	7.6703	2.6194	11.530

#1	-.01934	.00048	.00001	.00033	.00750	.00057	.00385
#2	-.01934	.00049	.00038	.00036	.00673	.00059	.00327

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S		
Avg	.01592	-.0025	-.00612	292.23	-8.3806		
Stddev	.00051	.0001	.00053	6.78	6.8415		
%RSD	3.2186	4.649	8.7409	2.3212	81.635		

#1	.01628	-.0025	-.00649	287.44	-3.5429		
#2	.01555	-.0024	-.00574	297.03	-13.218		

Sample Name: S0 Acquired: 10/4/2018 11:09:03 Type: Cal
Method: P4-ICP2(v2478) 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	3034.7	68913.	5602.7	121.77	4352.3
Stddev	.8	401.	107.6	2.83	.5
%RSD	.02535	.58238	1.9211	2.3249	.01255
#1	3035.2	68629.	5526.6	119.77	4352.0
#2	3034.1	69197.	5678.8	123.78	4352.7

Sample Name: S1 Acquired: 10/4/2018 11:13:07 Type: Cal
Method: P4-ICP2(v2478) 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	.00123	.00494	.00582	.00118	.00881	.00065	.51530
Stddev	.00009	.00004	.00003	.00004	.00024	.00006	.00082
%RSD	6.9278	.74038	.44956	3.5275	2.7118	8.8363	.16002

#1	.00129	.00496	.00584	.00120	.00898	.00069	.51589
#2	.00117	.00491	.00580	.00115	.00864	.00061	.51472

Elem	Be2348	Cd2265	Cr2677	Co2286	Cu2247	Fe2404	Mn2576
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00396	.01743	.00116	.03458	.01408	.10507	.01915
Stddev	.00001	.00020	.00005	.00011	.00026	.01371	.00003
%RSD	.37834	1.1501	3.8820	.30859	1.8135	13.051	.17691

#1	.00395	.01728	.00119	.03451	.01426	.11476	.01913
#2	.00397	.01757	.00113	.03466	.01390	.09537	.01918

Elem	Ni2316	Ag3280	V_2924	Zn2138	Mo2020	B_2496	S_1820
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.01667	.00161	.00530	3.8241	.16724	.00249	.00101
Stddev	.00017	.00006	.00005	.0358	.00060	.00005	.00007
%RSD	1.0388	3.4710	.95508	.93554	.35945	1.8120	7.0774

#1	.01655	.00157	.00533	3.8494	.16767	.00246	.00096
#2	.01679	.00165	.00526	3.7988	.16682	.00252	.00106

Elem	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.09229	.00705	.01575	.04517	-.0014	.15730	294.73
Stddev	.00029	.00008	.00094	.00071	.0001	.00007	5.74
%RSD	.31866	1.1833	5.9848	1.5708	7.786	.04384	1.9472

#1	.09250	.00711	.01642	.04467	-.0013	.15735	298.78
#2	.09208	.00699	.01509	.04567	-.0014	.15725	290.67

Elem	U_3859
Units	Cts/S
Avg	-11.235
Stddev	1.281
%RSD	11.398

#1	-10.329
#2	-12.140

Sample Name: S1 Acquired: 10/4/2018 11:13:07 Type: Cal
Method: P4-ICP2(v2478) 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	3035.7	68951.	5519.8	119.76	4358.9
Stddev	2.6	109.	53.9	.90	4.2
%RSD	.08595	.15863	.97632	.75191	.09590
#1	3033.9	68874.	5481.7	119.12	4355.9
#2	3037.6	69029.	5558.0	120.40	4361.8

Sample Name: S2 Acquired: 10/4/2018 11:17:10 Type: Cal
Method: P4-ICP2(v2478) 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	.09464	.01713	.49327	.11810
Stddev	.00073	.00046	.00145	.00039
%RSD	.76757	2.7013	.29399	.33009

#1	.09413	.01680	.49429	.11837
#2	.09516	.01746	.49224	.11782

Int. Std.	Y_3710
Units	Cts/S
Avg	5542.7
Stddev	41.8
%RSD	.75429

#1	5572.2
#2	5513.1

Sample Name: S3 Acquired: 10/4/2018 11:21:07 Type: Cal
Method: P4-ICP2(v2478) 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	.14246	.27420	.62001	.15473	.40254	.02998	21.921
Stddev	.00035	.00111	.00113	.00080	.00217	.00019	.102
%RSD	.24550	.40627	.18244	.51448	.53998	.62268	.46722

#1	.14221	.27342	.61921	.15417	.40100	.03011	21.994
#2	.14270	.27499	.62081	.15529	.40408	.02985	21.849

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.08099	3.8004	.59576	.05873	1.3545	.39630	3.1902
Stddev	.00016	.0079	.00278	.00030	.0029	.00004	.0042
%RSD	.20094	.20786	.46670	.51718	.21666	.01055	.13061

#1	.08110	3.7948	.59379	.05895	1.3524	.39633	3.1931
#2	.08087	3.8060	.59772	.05852	1.3566	.39627	3.1873

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	1.1136	.10877	.62479	.08598	2.9939	.15985	113.51
Stddev	.0034	.00059	.00084	.00035	.0139	.00017	.24
%RSD	.30375	.53961	.13418	.40995	.46309	.10536	.21353

#1	1.1160	.10836	.62539	.08622	3.0037	.15997	113.68
#2	1.1112	.10919	.62420	.08573	2.9841	.15974	113.34

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	.88315	2.1130	.06752	.08697	.54741	.39361	.70499
Stddev	.00317	.0042	.00033	.00021	.00425	.00243	.00169
%RSD	.35917	.20060	.48344	.24290	.77692	.61748	.23994

#1	.88539	2.1100	.06729	.08682	.54441	.39189	.70619
#2	.88090	2.1160	.06775	.08712	.55042	.39532	.70380

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.8203	.1371	20.969	266.67	-32.993
Stddev	.0008	.0009	.085	6.97	10.746
%RSD	.04235	.6388	.40456	2.6129	32.570

#1	1.8198	.1365	21.029	271.60	-25.395
#2	1.8209	.1377	20.909	261.75	-40.592

Sample Name: S3 Acquired: 10/4/2018 11:21:07 Type: Cal
Method: P4-ICP2(v2478) 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	2960.0	66882.	5468.5	114.19	4120.3
Stddev	.8	447.	5.8	.18	11.1
%RSD	.02796	.66885	.10680	.15340	.26953
#1	2960.5	66566.	5472.6	114.07	4128.2
#2	2959.4	67199.	5464.3	114.31	4112.5

Sample Name: S4 Acquired: 10/4/2018 11:24:53 Type: Cal
Method: P4-ICP2(v2478) 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	.28802	.54552	1.2418	.31268	.78347	.05827	42.427
Stddev	.00107	.00178	.0027	.00091	.00143	.00015	.096
%RSD	.37022	.32647	.21806	.28988	.18226	.25663	.22605

#1	.28877	.54678	1.2437	.31332	.78448	.05838	42.359
#2	.28726	.54426	1.2399	.31204	.78246	.05817	42.495

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.15628	7.7017	1.1526	.11163	2.6521	.75518	6.0707
Stddev	.00087	.0239	.0011	.00047	.0068	.00062	.0357
%RSD	.55482	.31038	.09745	.42343	.25572	.08238	.58838

#1	.15690	7.7186	1.1518	.11197	2.6569	.75562	6.0455
#2	.15567	7.6848	1.1534	.11130	2.6473	.75474	6.0960

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	2.1263	.21064	1.2207	.16472	5.7533	.30851	218.34
Stddev	.0054	.00117	.0023	.00027	.0102	.00052	1.02
%RSD	.25462	.55672	.19138	.16313	.17653	.16923	.46718

#1	2.1302	.20981	1.2223	.16491	5.7462	.30888	217.62
#2	2.1225	.21147	1.2190	.16453	5.7605	.30814	219.06

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	1.7324	4.0851	.13347	.17722	1.0452	.77054	1.3656
Stddev	.0046	.0097	.00030	.00019	.0091	.00136	.0033
%RSD	.26508	.23690	.22571	.10899	.87049	.17675	.24352

#1	1.7291	4.0919	.13368	.17736	1.0387	.77150	1.3680
#2	1.7356	4.0783	.13326	.17708	1.0516	.76958	1.3633

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S		
Avg	6.8036	.2778	40.100	253.58	-61.759		
Stddev	.0288	.0006	.062	.77	5.926		
%RSD	.42326	.2168	.15581	.30529	9.5946		

#1	6.7832	.2782	40.056	253.03	-57.569		
#2	6.8239	.2773	40.144	254.13	-65.949		

Sample Name: S4 Acquired: 10/4/2018 11:24:53 Type: Cal
 Method: P4-ICP2(v2478) 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	2920.9	65572.	5352.5	112.02	3968.7
Stddev	9.4	497.	2.6	.46	8.8
%RSD	.32102	.75754	.04825	.40871	.22051
#1	2914.3	65221.	5350.6	112.34	3962.5
#2	2927.5	65923.	5354.3	111.70	3974.9

Sample Name: S5 Acquired: 10/4/2018 11:28:38 Type: Cal
Method: P4-ICP2(v2478) 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	.58073	1.0844	2.5096	.62545	1.5731	.11786	84.079
Stddev	.00019	.0028	.0019	.00145	.0008	.00089	.735
%RSD	.03314	.25681	.07540	.23133	.05011	.75842	.87438

#1	.58087	1.0864	2.5082	.62647	1.5726	.11849	83.559
#2	.58060	1.0824	2.5109	.62442	1.5737	.11722	84.599

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.31054	15.619	2.2547	.22076	5.4050	1.4903	12.220
Stddev	.00067	.021	.0053	.00029	.0093	.0006	.026
%RSD	.21500	.13585	.23718	.12952	.17240	.04113	.21597

#1	.31101	15.604	2.2509	.22096	5.3985	1.4899	12.239
#2	.31007	15.634	2.2585	.22056	5.4116	1.4907	12.202

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.1759	.41979	2.4801	.32843	11.396	.61537	427.95
Stddev	.0002	.00143	.0013	.00020	.038	.00063	.64
%RSD	.00494	.34090	.05409	.06186	.33482	.10226	.15059

#1	4.1757	.41878	2.4792	.32828	11.369	.61582	427.49
#2	4.1760	.42081	2.4811	.32857	11.423	.61493	428.40

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	3.4640	8.1466	.26529	.37000	2.0404	1.5625	2.6994
Stddev	.0111	.0023	.00192	.00137	.0221	.0003	.0118
%RSD	.32116	.02805	.72271	.36996	1.0808	.01835	.43680

#1	3.4561	8.1482	.26393	.37097	2.0248	1.5627	2.6911
#2	3.4718	8.1450	.26665	.36903	2.0560	1.5623	2.7078

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	13.471	.5773	79.049	249.94	-112.19
Stddev	.025	.0014	.251	11.34	6.51
%RSD	.18532	.2505	.31718	4.5353	5.8014

#1	13.453	.5784	79.226	241.92	-116.79
#2	13.488	.5763	78.872	257.95	-107.59

Sample Name: S5 Acquired: 10/4/2018 11:28:38 Type: Cal
Method: P4-ICP2(v2478) 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	2840.1	64653.	5389.0	110.00	3748.7
Stddev	10.6	302.	26.2	.13	12.6
%RSD	.37413	.46737	.48667	.11781	.33718
#1	2832.6	64440.	5407.5	109.91	3739.8
#2	2847.7	64867.	5370.5	110.09	3757.7

Sample Name: ICV01 Acquired: 10/4/2018 11:32:37 Type: Unk

Method: P4-ICP2(v2478) 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	.98667	1.0193	.98199	.98941	.98046	2.5110	.50308
Stddev	.00137	.0028	.00057	.00066	.00273	.0116	.00298
%RSD	.13925	.27528	.05804	.06694	.27805	.46204	.59144

#1	.98570	1.0173	.98239	.98894	.98239	2.5028	.50519
#2	.98764	1.0213	.98158	.98988	.97853	2.5192	.50098

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48563	.48173	10.129	.49913	.48795	.51326	4.9245
Stddev	.00101	.00028	.050	.00066	.00039	.00049	.0345
%RSD	.20870	.05755	.49132	.13184	.07910	.09582	.70149

#1	.48492	.48153	10.094	.49866	.48822	.51360	4.9489
#2	.48635	.48193	10.165	.49959	.48768	.51291	4.9000

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50998	6.0809	.49287	.50312	10.011	.49778	.98872
Stddev	.00043	.0548	.00019	.00354	.073	.00084	.02150
%RSD	.08489	.90095	.03931	.70272	.73284	.16937	2.1743

#1	.50967	6.0422	.49301	.50062	10.063	.49718	1.0039
#2	.51029	6.1197	.49274	.50562	9.9590	.49837	.97352

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.061	2.4661	2.4654	F -.00910	F 2.3300	F 2.3747	2.4744
Stddev	.046	.0018	.0285	.00172	.0172	.0018	.0023
%RSD	.45985	.07386	1.1540	18.898	.73906	.07360	.09305

#1	10.093	2.4673	2.4453	-.00788	2.3422	2.3760	2.4728
#2	10.028	2.4648	2.4855	-.01031	2.3178	2.3735	2.4760

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	F .00275	F .0049	2.4823	F .37110	F 2.1987		
Stddev	.00151	.0003	.0199	.21770	.0595		
%RSD	54.925	5.369	.80360	58.663	2.7065		

#1	.00381	.0051	2.4964	.21716	2.1567		
#2	.00168	.0048	2.4682	.52503	2.2408		

Sample Name: ICV01 Acquired: 10/4/2018 11:32:37 Type: Unk
Method: P4-ICP2(v2478) 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	3002.9	68139.	5530.4	117.63	4245.1
Stddev	8.0	76.	25.8	2.82	8.8
%RSD	.26604	.11125	.46640	2.3939	.20630
#1	2997.3	68193.	5512.2	115.64	4238.9
#2	3008.6	68086.	5548.7	119.62	4251.3

Sample Name: LLICV01 Acquired: 10/4/2018 11:41:00 Type: Unk
Method: P4-ICP2(v2478) 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	.02041	.04223	.01132	.01664	.05344	.10708	.10589
Stddev	.00304	.00069	.00127	.00057	.00002	.01102	.00064
%RSD	14.882	1.6426	11.219	3.4017	.03775	10.295	.60469

#1	.01826	.04174	.01222	.01704	.05346	.09928	.10543
#2	.02255	.04272	.01043	.01624	.05343	.11488	.10634

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00617	.00573	2.0976	.01142	.03202	.02154	.10003
Stddev	.00016	.00000	.0042	.00034	.00026	.00018	.00040
%RSD	2.5341	.04871	.20192	2.9569	.80749	.83589	.40254

#1	.00606	.00574	2.0946	.01118	.03220	.02141	.10032
#2	.00628	.00573	2.1006	.01166	.03184	.02167	.09975

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02254	2.1699	.04246	.01077	2.1066	.04435	.04433
Stddev	.00015	.0358	.00014	.00082	.0140	.00025	.00091
%RSD	.66455	1.6481	.33263	7.5921	.66289	.56083	2.0622

#1	.02243	2.1952	.04236	.01134	2.0968	.04417	.04497
#2	.02264	2.1446	.04256	.01019	2.1165	.04452	.04368

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0325	.20339	.09650	F .00861	.39847	.04155	.04361
Stddev	.0276	.00024	.00676	.00264	.00173	.00147	.00180
%RSD	1.3555	.11648	7.0060	30.709	.43398	3.5388	4.1202

#1	2.0130	.20322	.10128	.00674	.39725	.04051	.04489
#2	2.0519	.20356	.09172	.01048	.39969	.04259	.04234

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.02191	.0219	.02040	F .59177	F .78418
Stddev	.00068	.0011	.00027	.36165	.01623
%RSD	3.0983	5.037	1.3001	61.112	2.0697

#1	.02143	.0212	.02059	.33605	.79565
#2	.02239	.0227	.02021	.84750	.77270

Sample Name: LLICV01 Acquired: 10/4/2018 11:41:00 Type: Unk
Method: P4-ICP2(v2478) 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	3064.3	69673.	5568.0	119.68	4441.3
Stddev	12.2	123.	2.7	2.80	15.1
%RSD	.39867	.17645	.04883	2.3410	.34094
#1	3055.6	69586.	5566.1	117.69	4430.6
#2	3072.9	69760.	5570.0	121.66	4452.0

Sample Name: ICB01 Acquired: 10/4/2018 11:45:02 Type: Unk

Method: P4-ICP2(v2478) 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	-.00298	-.00018	-.00110	-.00609	-.00205	-.00141	.00124
Stddev	.00003	.00187	.00068	.00208	.00150	.00490	.00015
%RSD	1.1634	1052.1	61.984	34.102	73.192	348.02	12.413

#1	-.00296	.00114	-.00062	-.00756	-.00311	-.00487	.00135
#2	-.00300	-.00150	-.00158	-.00462	-.00099	.00206	.00113

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00001	.00207	.00042	-.00004	.00003	-.00625
Stddev	.00006	.00006	.01414	.00006	.00004	.00125	.00947
%RSD	171.43	568.55	683.44	14.215	104.13	3919.1	151.61

#1	-.00001	-.00003	.01207	.00047	-.00001	-.00085	-.01294
#2	.00008	.00006	-.00793	.00038	-.00007	.00092	.00045

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.03604	.00006	.00037	-.01482	.00005	-.00003
Stddev	.00005	.00935	.00010	.00054	.00147	.00022	.00000
%RSD	91.933	25.946	177.47	144.11	9.8912	473.09	6.5350

#1	.00002	.02943	.00013	-.00001	-.01585	.00020	-.00003
#2	.00009	.04265	-.00001	.00076	-.01378	-.00011	-.00003

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.05042	-.00035	-.00466	F -.01192	.00035	-.00032	.00169
Stddev	.00954	.00012	.01448	.00451	.00193	.00059	.00009
%RSD	18.912	35.117	310.45	37.857	547.05	184.88	5.5635

#1	-.04368	-.00026	-.01490	-.01511	.00172	.00010	.00162
#2	-.05716	-.00043	.00557	-.00873	-.00101	-.00073	.00175

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	-.00150	.0002	.00012	F 1.1512	F .42322		
Stddev	.00060	.0005	.00013	.4954	1.1851		
%RSD	39.708	259.6	112.96	43.035	280.02		

#1	-.00108	-.0002	.00021	1.5015	-.41476		
#2	-.00192	.0006	.00002	.80087	1.2612		

Sample Name: ICB01 Acquired: 10/4/2018 11:45:02 Type: Unk
Method: P4-ICP2(v2478) 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	3060.0	69538.	5543.2	118.37	4431.4
Stddev	6.2	170.	34.3	2.29	11.9
%RSD	.20292	.24393	.61857	1.9342	.26760
#1	3055.6	69418.	5518.9	116.75	4423.0
#2	3064.4	69658.	5567.4	119.99	4439.8

Sample Name: CRI01 Acquired: 10/4/2018 11:49:06 Type: Unk
Method: P4-ICP2(v2478) 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	.01843	.04311	.01196	.01762	.05402	.09354	.10616
Stddev	.00012	.00044	.00034	.00122	.00050	.00308	.00038
%RSD	.65831	1.0136	2.8020	6.9398	.91683	3.2882	.35987

#1	.01852	.04342	.01220	.01675	.05437	.09137	.10589
#2	.01834	.04280	.01172	.01848	.05367	.09572	.10643

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00614	.00585	2.0922	.01074	.03208	.02077	.10398
Stddev	.00001	.00006	.0112	.00015	.00004	.00088	.00199
%RSD	.11210	1.0639	.53523	1.4232	.12285	4.2604	1.9092

#1	.00615	.00581	2.0843	.01085	.03210	.02015	.10538
#2	.00614	.00589	2.1001	.01063	.03205	.02140	.10257

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02249	2.1427	.04351	.01018	2.1012	.04436	.04350
Stddev	.00007	.0027	.00037	.00031	.0039	.00011	.00012
%RSD	.32262	.12630	.83987	3.0442	.18322	.24847	.28418

#1	.02244	2.1446	.04325	.00996	2.0985	.04429	.04359
#2	.02254	2.1408	.04377	.01040	2.1039	.04444	.04341

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0638	.20527	.09680	F .00639	.39690	.04168	.04420
Stddev	.0518	.00055	.00715	.00324	.00039	.00037	.00068
%RSD	2.5079	.26744	7.3874	50.691	.09821	.89928	1.5422

#1	2.0272	.20489	.10185	.00410	.39663	.04141	.04372
#2	2.1004	.20566	.09174	.00869	.39718	.04194	.04468

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.02140	.0222	.02050	F 1.7250	F 1.0080
Stddev	.00060	.0010	.00009	.5593	.1666
%RSD	2.8079	4.692	.44001	32.423	16.532

#1	.02097	.0229	.02057	1.3295	1.1258
#2	.02182	.0215	.02044	2.1205	.89014

Sample Name: CRI01 Acquired: 10/4/2018 11:49:06 Type: Unk
Method: P4-ICP2(v2478) 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	3033.4	69368.	5576.7	122.27	4395.3
Stddev	5.5	272.	7.1	.90	1.5
%RSD	.18036	.39207	.12703	.73207	.03436
#1	3029.5	69176.	5571.7	121.64	4394.2
#2	3037.3	69560.	5581.7	122.91	4396.4

Sample Name: ICSA01 Acquired: 10/4/2018 12:09:09 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00825	.00143	-.00461	-.01898	.00291	273.19	.00579
Stddev	.00360	.00361	.00078	.00366	.00067	.94	.00008
%RSD	43.713	252.26	16.938	19.288	22.941	.34362	1.3583

#1	.01080	.00399	-.00405	-.02157	.00338	273.85	.00574
#2	.00570	-.00112	-.00516	-.01639	.00244	272.52	.00585

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00098	-.00052	244.71	.05433	-.00070	.00616	97.224
Stddev	.00011	.00019	.06	.00026	.00024	.00056	.371
%RSD	11.230	35.826	.02444	.48732	34.722	9.0506	.38178

#1	-.00106	-.00066	244.67	.05414	-.00053	.00655	96.962
#2	-.00090	-.00039	244.75	.05452	-.00087	.00577	97.487

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01498	258.67	-.00265	-.00246	.00928	.00219	-.00098
Stddev	.00008	.21	.00028	.00030	.01016	.00011	.00003
%RSD	.51713	.08138	10.545	12.318	109.49	5.1431	3.2958

#1	.01493	258.52	-.00246	-.00224	.01647	.00211	-.00100
#2	.01504	258.82	-.00285	-.00267	.00210	.00227	-.00095

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.04563	.00024	.02307	F -.03342	-.00912	.00758	.00086
Stddev	.00734	.00072	.00494	.00407	.00077	.00211	.00174
%RSD	16.082	302.85	21.429	12.190	8.4278	27.793	202.27

#1	-.04044	-.00027	.02656	-.03630	-.00857	.00907	-.00037
#2	-.05082	.00074	.01957	-.03054	-.00966	.00609	.00209

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	.00840	.0117	F .10230	F <.00000	F 24.981		
Stddev	.00022	.0010	.00054	.12196	.285		
%RSD	2.6427	8.275	.53016	.61428	1.1405		

#1	.00824	.0110	.10268	-19.940	24.780		
#2	.00855	.0124	.10191	-19.768	25.182		

Sample Name: ICSA01 Acquired: 10/4/2018 12:09:09 Type: Unk
Method: P4-ICP2(v2478) 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	2699.1	60987.	5273.5	108.05	3614.5
Stddev	9.0	267.	7.3	.24	16.6
%RSD	.33509	.43739	.13762	.21867	.45815
#1	2692.7	60798.	5268.4	108.22	3602.8
#2	2705.5	61175.	5278.6	107.89	3626.2

Sample Name: ICSAB01 Acquired: 10/4/2018 12:13:16 Type: Unk
Method: P4-ICP2(v2478) 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	.10464	.10331	.04409	.02908	.61535	274.07	.52661
Stddev	.00293	.00254	.00126	.00106	.00164	1.09	.00370
%RSD	2.8025	2.4630	2.8674	3.6389	.26618	.39638	.70281

#1	.10256	.10511	.04498	.02833	.61651	273.30	.52399
#2	.10671	.10151	.04319	.02983	.61419	274.83	.52923

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.53567	.99245	244.10	.56040	.49469	.50543	95.427
Stddev	.00028	.00185	1.80	.00195	.00019	.00081	.140
%RSD	.05310	.18683	.73722	.34840	.03859	.16117	.14648

#1	.53587	.99376	242.83	.55902	.49483	.50600	95.526
#2	.53547	.99114	245.37	.56178	.49456	.50485	95.328

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.53091	257.14	.97990	.21233	.01238	.51267	.97841
Stddev	.00046	2.76	.00112	.00054	.00592	.00180	.00149
%RSD	.08718	1.0723	.11455	.25634	47.784	.35198	.15183

#1	.53124	255.19	.97911	.21194	.00820	.51139	.97946
#2	.53059	259.09	.98069	.21271	.01657	.51394	.97736

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.03487	-.00027	.02598	F -.03850	-.00676	.00733	-.00271
Stddev	.01019	.00028	.00143	.00521	.00406	.00041	.00264
%RSD	29.232	105.29	5.4892	13.533	60.094	5.5740	97.410

#1	-.04208	-.00007	.02699	-.04218	-.00388	.00704	-.00084
#2	-.02766	-.00046	.02497	-.03481	-.00963	.00762	-.00458

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	.00655	F .0132	.10215	F<.00000	F 24.715		
Stddev	.00052	.0006	.00025	.03262	.013		
%RSD	8.0160	4.737	.24273	.16688	.05325		

#1	.00692	.0137	.10233	-19.572	24.705		
#2	.00618	.0128	.10197	-19.526	24.724		

Sample Name: ICSAB01 Acquired: 10/4/2018 12:13:16 Type: Unk
Method: P4-ICP2(v2478) 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	2701.3	61044.	5321.6	110.70	3620.5
Stddev	9.9	158.	37.3	.29	12.4
%RSD	.36804	.25959	.70139	.26605	.34169
#1	2694.2	61156.	5348.0	110.49	3611.7
#2	2708.3	60932.	5295.2	110.90	3629.2

Sample Name: CCV01 Acquired: 10/4/2018 12:17:14 Type: Unk
Method: P4-ICP2(v2478) 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	4.9725	4.9824	4.9639	4.9920	4.9830	10.080	10.097
Stddev	.0001	.0100	.0168	.0125	.0069	.106	.188
%RSD	.00310	.20058	.33851	.25011	.13865	1.0544	1.8595

#1	4.9726	4.9894	4.9757	5.0008	4.9878	10.005	9.9639
#2	4.9724	4.9753	4.9520	4.9831	4.9781	10.155	10.229

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25126	2.4834	24.983	1.0011	2.4765	1.2546	4.8956
Stddev	.00057	.0022	.498	.0027	.0039	.0003	.2167
%RSD	.22814	.08774	1.9949	.27479	.15752	.02091	4.4273

#1	.25086	2.4850	24.631	.99911	2.4793	1.2545	4.7423
#2	.25167	2.4819	25.336	1.0030	2.4738	1.2548	5.0488

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5267	24.829	2.4820	1.2471	25.092	2.5101	2.4736
Stddev	.0036	.513	.0060	.0013	.435	.0018	.0869
%RSD	.14095	2.0662	.24388	.10544	1.7333	.07224	3.5114

#1	2.5242	24.466	2.4863	1.2462	24.785	2.5088	2.4122
#2	2.5292	25.192	2.4778	1.2480	25.400	2.5114	2.5350

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.228	5.0255	4.9918	4.8545	4.8905	4.9396	5.0042
Stddev	.397	.0044	.0716	.0168	.0668	.0143	.0872
%RSD	1.5756	.08781	1.4344	.34650	1.3661	.29000	1.7419

#1	24.947	5.0287	4.9412	4.8664	4.8432	4.9498	4.9425
#2	25.509	5.0224	5.0425	4.8426	4.9377	4.9295	5.0658

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F 5.2584	4.932	5.0237	F 3.4540	F 2.9575
Stddev	.0994	.006	.0903	.2139	.3408
%RSD	1.8913	.1198	1.7980	6.1941	11.522

#1	5.1881	4.936	4.9598	3.3027	3.1984
#2	5.3288	4.928	5.0876	3.6053	2.7165

Sample Name: CCV01 Acquired: 10/4/2018 12:17:14 Type: Unk
Method: P4-ICP2(v2478) 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	2927.0	65900.	5454.0	114.53	3982.3
Stddev	6.6	264.	62.0	3.84	13.4
%RSD	.22603	.40014	1.1375	3.3562	.33556
#1	2922.3	65713.	5497.9	117.25	3972.8
#2	2931.7	66086.	5410.1	111.81	3991.7

Sample Name: CCB01 Acquired: 10/4/2018 12:20:59 Type: Unk
Method: P4-ICP2(v2478) 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	-.00259	-.00130	-.00015	-.00496	.00030	.00710	.00110
Stddev	.00025	.00028	.00055	.00322	.00320	.00324	.00019
%RSD	9.5993	21.600	375.28	64.922	1067.8	45.662	17.608

#1	-.00276	-.00110	.00024	-.00268	.00256	.00940	.00096
#2	-.00241	-.00150	-.00053	-.00723	-.00196	.00481	.00124

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	-.00005	-.00313	.00048	.00004	.00026	-.00411
Stddev	.00002	.00008	.01082	.00058	.00020	.00052	.00078
%RSD	53.379	170.07	346.19	119.30	519.36	201.90	18.870

#1	-.00006	-.00011	-.01078	.00089	.00018	-.00011	-.00466
#2	-.00003	.00001	.00453	.00008	-.00010	.00063	-.00356

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00016	.01054	-.00017	.00046	-.02732	.00010	.00003
Stddev	.00012	.00439	.00035	.00017	.00493	.00002	.00006
%RSD	75.455	41.625	203.53	36.280	18.041	20.581	183.52

#1	.00024	.01364	.00008	.00058	-.02383	.00008	-.00001
#2	.00007	.00744	-.00042	.00035	-.03080	.00011	.00008

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01415	.00014	-.00547	F -.01760	.00091	-.00042	.00004
Stddev	.00234	.00004	.00444	.00400	.00127	.00000	.00244
%RSD	16.574	31.399	81.149	22.723	139.76	.04965	6172.5

#1	-.01581	.00011	-.00860	-.02043	.00181	-.00042	.00176
#2	-.01249	.00017	-.00233	-.01477	.00001	-.00042	-.00169

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00097	.0016	.00013	F .62197	F .31446
Stddev	.00081	.0010	.00012	1.0423	.28265
%RSD	83.543	62.48	91.581	167.58	89.885

#1	-.00040	.0009	.00005	1.3590	.51433
#2	-.00154	.0023	.00022	-.11503	.11460

Sample Name: CCB01 Acquired: 10/4/2018 12:20:59 Type: Unk
Method: P4-ICP2(v2478) 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	3064.6	69892.	5523.8	120.17	4440.1
Stddev	4.9	323.	28.1	4.12	9.2
%RSD	.15960	.46241	.50954	3.4321	.20717
#1	3061.2	69663.	5503.9	123.08	4433.6
#2	3068.1	70120.	5543.8	117.25	4446.6

Sample Name: J5198-04 Acquired: 10/4/2018 12:25:06 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-100218 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00169	-.00352	.00573	.00046	-.00142	.07808	.13906	.00002
Stddev	.00131	.00030	.00001	.00062	.00438	.00820	.00017	.00002
%RSD	77.661	8.6621	.12222	136.29	308.37	10.504	.12476	84.895

#1	-.00262	-.00373	.00573	.00002	-.00452	.08388	.13894	.00001
#2	-.00076	-.00330	.00573	.00090	.00168	.07228	.13918	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00014	36.403	.00034	.00469	.00440	.08774	1.0930	3.1259
Stddev	.00005	.101	.00081	.00017	.00043	.01308	.0001	.0091
%RSD	36.192	.27756	241.53	3.6889	9.8606	14.903	.00458	.29251

#1	.00017	36.331	-.00024	.00481	.00409	.09698	1.0929	3.1195
#2	.00010	36.474	.00091	.00457	.00470	.07849	1.0930	3.1324

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00109	.00035	308.36	.00047	.03901	.93051	.00028	.02304
Stddev	.00016	.00020	.09	.00048	.00013	.02078	.00006	.01391
%RSD	14.806	57.557	.02964	100.59	.32708	2.2335	22.005	60.356

#1	.00098	.00049	308.29	.00081	.03910	.91581	.00033	.01321
#2	.00121	.00021	308.42	.00014	.03892	.94520	.00024	.03288

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48998	1.7409	.00136	.00198	.00407	.0050	.15103	5.4558
Stddev	.00295	.0051	.00009	.00215	.00029	.0001	.00031	.2431
%RSD	.60144	.29229	6.4009	108.50	7.2054	1.473	.20346	4.4552

#1	.49207	1.7445	.00130	.00350	.00387	.0049	.15125	5.2839
#2	.48790	1.7373	.00142	.00046	.00428	.0050	.15082	5.6276

Elem	U_3859
Units	ppm
Avg	1.7719
Stddev	.2936
%RSD	16.570

#1	1.5643
#2	1.9795

Sample Name: J5198-04 Acquired: 10/4/2018 12:25:06 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-100218 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2877.3	64404.	5494.1	115.65	3955.5
Stddev	17.3	158.	57.6	1.12	32.8
%RSD	.60238	.24519	1.0478	.97179	.82900
#1	2865.0	64293.	5453.4	114.85	3932.3
#2	2889.5	64516.	5534.8	116.44	3978.7

Sample Name: J5198-06 Acquired: 10/4/2018 12:29:38 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-100218 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00189	-.00281	.01365	-.00206	-.00301	.10711	.11608	-.00001
Stddev	.00222	.00120	.00007	.00423	.00051	.00314	.00014	.00006
%RSD	117.12	42.812	.50619	205.24	16.820	2.9324	.11771	805.14

#1	-.00346	-.00196	.01361	-.00505	-.00266	.10489	.11599	-.00005
#2	-.00033	-.00366	.01370	.00093	-.00337	.10933	.11618	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00034	26.112	.00030	.00367	.00392	.21553	.81917	1.7585
Stddev	.00005	.025	.00019	.00004	.00007	.00956	.00069	.0458
%RSD	14.082	.09490	60.924	.99559	1.8481	4.4357	.08450	2.6023

#1	.00031	26.095	.00044	.00364	.00387	.20877	.81966	1.7261
#2	.00037	26.130	.00017	.00369	.00397	.22229	.81868	1.7908

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00189	.00004	258.92	.00034	.05772	.74282	.00040	.00994
Stddev	.00023	.00015	1.81	.00013	.00154	.03502	.00021	.00044
%RSD	12.404	368.13	.70047	37.126	2.6688	4.7151	52.471	4.4310

#1	.00172	-.00006	257.64	.00025	.05663	.76759	.00055	.01025
#2	.00206	.00014	260.20	.00043	.05881	.71806	.00025	.00963

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.27829	1.1540	.00075	.00297	.00152	.0077	.10128	5.1266
Stddev	.00221	.0037	.00104	.00205	.00003	.0005	.00016	.5555
%RSD	.79470	.32024	139.14	69.181	1.7736	6.558	.15956	10.836

#1	.27673	1.1514	.00001	.00442	.00150	.0073	.10140	5.5194
#2	.27986	1.1567	.00149	.00152	.00154	.0081	.10117	4.7338

Elem	U_3859
Units	ppm
Avg	2.1273
Stddev	.1822
%RSD	8.5645

#1	2.2561
#2	1.9984

Sample Name: J5198-06 Acquired: 10/4/2018 12:29:38 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-100218 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2923.3	65450.	5534.4	115.98	4028.5
Stddev	4.4	184.	8.0	2.39	6.4
%RSD	.14952	.28047	.14513	2.0567	.15874
#1	2926.4	65320.	5540.1	117.67	4024.0
#2	2920.2	65580.	5528.8	114.30	4033.0

Sample Name: J5198-08 Acquired: 10/4/2018 12:33:47 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-100218 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00216	-.00404	.01232	.00219	-.00337	.08424	.18272	-.00002
Stddev	.00151	.00036	.00105	.00108	.00156	.00000	.00032	.00000
%RSD	70.028	8.8564	8.5483	49.456	46.207	.00588	.17787	18.830

#1	-.00109	-.00429	.01157	.00142	-.00447	.08424	.18295	-.00002
#2	-.00323	-.00379	.01306	.00296	-.00227	.08424	.18249	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00031	40.058	.00028	.00420	.00669	.90659	1.2532	2.5046
Stddev	.00000	.250	.00033	.00021	.00001	.00321	.0009	.0515
%RSD	.89249	.62409	117.35	5.1106	.20519	.35438	.07487	2.0559

#1	.00031	39.881	.00005	.00405	.00670	.90432	1.2526	2.5410
#2	.00031	40.235	.00051	.00435	.00668	.90887	1.2539	2.4682

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00582	.00024	279.18	.00037	.07688	.79780	.00005	.02580
Stddev	.00019	.00004	3.72	.00016	.00088	.00853	.00014	.00253
%RSD	3.1947	18.147	1.3322	41.964	1.1414	1.0688	256.73	9.8128

#1	.00595	.00027	276.55	.00026	.07626	.79177	.00015	.02401
#2	.00569	.00021	281.81	.00049	.07750	.80383	-.00004	.02759

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.41051	1.3540	.00159	.00191	.00322	.0060	.15232	4.5602
Stddev	.00164	.0297	.00090	.00065	.00052	.0006	.00088	.0951
%RSD	.40042	2.1933	56.656	34.209	16.166	10.50	.57692	2.0864

#1	.40934	1.3330	.00222	.00238	.00359	.0064	.15170	4.6274
#2	.41167	1.3750	.00095	.00145	.00285	.0055	.15294	4.4929

Elem	U_3859
Units	ppm
Avg	2.3482
Stddev	.8734
%RSD	37.193

#1	2.9657
#2	1.7306

Sample Name: J5198-08 Acquired: 10/4/2018 12:33:47 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-100218 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2895.9	64652.	5541.4	117.60	3976.5
Stddev	19.6	370.	72.7	.77	28.7
%RSD	.67840	.57277	1.3114	.65572	.72084
#1	2882.0	64390.	5592.8	118.15	3956.3
#2	2909.8	64913.	5490.0	117.06	3996.8

Sample Name: J5198-10 Acquired: 10/4/2018 12:37:56 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-100218 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00106	-.00392	.00550	-.00182	-.00221	.11803	.11846	.00001
Stddev	.00249	.00049	.00135	.00052	.00292	.00281	.00650	.00007
%RSD	234.15	12.522	24.512	28.792	132.36	2.3817	5.4909	558.08

#1	-.00070	-.00427	.00455	-.00145	-.00427	.12002	.11386	.00006
#2	.00282	-.00357	.00645	-.00219	-.00014	.11604	.12306	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00023	30.181	.00014	.00198	.00466	.43095	.70950	1.6796
Stddev	.00001	1.458	.00037	.00017	.00008	.01154	.00004	.0313
%RSD	6.3771	4.8300	263.68	8.7436	1.8210	2.6772	.00516	1.8624

#1	.00024	29.150	.00040	.00186	.00472	.42279	.70948	1.6575
#2	.00022	31.212	-.00012	.00210	.00460	.43911	.70953	1.7017

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00164	-.00010	284.35	.00094	.04752	.65569	.00019	.03083
Stddev	.00016	.00097	7.39	.00019	.00033	.05537	.00003	.00472
%RSD	9.9209	926.91	2.5990	20.528	.70279	8.4447	14.261	15.327

#1	.00152	-.00079	279.12	.00080	.04729	.61654	.00021	.02749
#2	.00175	.00058	289.58	.00107	.04776	.69484	.00017	.03417

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.30982	1.1419	.00184	.00174	.00230	.0088	.10775	4.9720
Stddev	.00035	.0350	.00031	.00147	.00101	.0007	.00567	.2240
%RSD	.11385	3.0652	16.792	84.730	43.676	8.086	5.2618	4.5045

#1	.30957	1.1171	.00206	.00070	.00159	.0093	.10374	4.8137
#2	.31007	1.1666	.00162	.00278	.00302	.0083	.11176	5.1304

Elem	U_3859
Units	ppm
Avg	2.7020
Stddev	.0955
%RSD	3.5355

#1	2.6345
#2	2.7696

Sample Name: J5198-10 Acquired: 10/4/2018 12:37:56 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-100218 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2917.7	65194.	5718.8	120.68	4002.6
Stddev	.2	37.	170.1	1.11	5.0
%RSD	.00641	.05669	2.9738	.91755	.12588
#1	2917.8	65220.	5839.0	121.46	4006.1
#2	2917.6	65168.	5598.5	119.89	3999.0

Sample Name: J5211-01 Acquired: 10/4/2018 12:42:04 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CB-1018-S-TC 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	-.00147	.11933	.00173	-.00416	.06828	.34854	.00000
Stddev	.00078	.00164	.00199	.00007	.00143	.01140	.00024	.00010
%RSD	22.296	111.94	1.6639	3.9135	34.447	16.694	.06975	3758.6

#1	-.00295	-.00263	.12073	.00177	-.00517	.06022	.34837	.00008
#2	-.00405	-.00031	.11792	.00168	-.00314	.07634	.34872	-.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00298	82.555	.00063	.00052	.03401	.00699	.28972	2.6127
Stddev	.00001	.498	.00055	.00004	.00045	.00547	.00050	.0163
%RSD	.38499	.60314	87.529	6.9704	1.3371	78.197	.17131	.62210

#1	.00299	82.907	.00024	.00055	.03369	.01086	.29008	2.6242
#2	.00297	82.203	.00101	.00050	.03433	.00313	.28937	2.6012

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01513	.00003	344.38	.00053	2.4751	.98494	-.00047	.01602
Stddev	.00028	.00066	.97	.00016	.0471	.02755	.00020	.00258
%RSD	1.8770	2345.6	.28160	29.866	1.9015	2.7966	43.351	16.078

#1	.01492	-.00044	343.69	.00042	2.5084	1.0044	-.00062	.01420
#2	.01533	.00049	345.06	.00064	2.4418	.96546	-.00033	.01784

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.39758	.78748	.00222	-.00120	.00298	.0088	.21855	6.0016
Stddev	.00203	.01390	.00050	.00008	.00078	.0006	.00178	.1119
%RSD	.51039	1.7648	22.520	6.8062	26.269	6.869	.81320	1.8638

#1	.39614	.79731	.00187	-.00114	.00243	.0083	.21981	6.0807
#2	.39901	.77766	.00258	-.00126	.00353	.0092	.21729	5.9225

Elem	U_3859
Units	ppm
Avg	2.2045
Stddev	.6187
%RSD	28.066

#1	1.7670
#2	2.6420

Sample Name: J5211-01 Acquired: 10/4/2018 12:42:04 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CB-1018-S-TC Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2871.3	64377.	5568.4	116.76	3918.2
Stddev	20.2	188.	54.1	2.48	34.3
%RSD	.70323	.29244	.97134	2.1274	.87526
#1	2857.0	64244.	5530.1	115.01	3894.0
#2	2885.6	64511.	5606.6	118.52	3942.5

Sample Name: J5211-02 Acquired: 10/4/2018 12:46:10 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CB-1018-S-TC Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00281	-.00249	.08245	-.00276	.00057	.13789	.21219	-.00003
Stddev	.00141	.00033	.00111	.00134	.00006	.02698	.00168	.00001
%RSD	50.389	13.164	1.3504	48.431	10.671	19.568	.79319	38.335

#1	-.00181	-.00273	.08324	-.00181	.00053	.15697	.21099	-.00004
#2	-.00381	-.00226	.08166	-.00370	.00062	.11881	.21338	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00279	33.881	.00117	-.00014	.03704	.06621	.13381	1.9198
Stddev	.00015	.164	.00047	.00002	.00035	.00495	.00571	.0015
%RSD	5.3132	.48551	40.389	15.959	.93494	7.4734	4.2641	.08053

#1	.00268	33.764	.00084	-.00016	.03728	.06971	.13785	1.9187
#2	.00289	33.997	.00150	-.00012	.03679	.06271	.12978	1.9209

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01090	-.00020	308.35	.00047	2.6329	.77413	-.00039	.01398
Stddev	.00017	.00026	.80	.00019	.0120	.03465	.00006	.00619
%RSD	1.5350	128.87	.26010	40.969	.45542	4.4758	14.383	44.261

#1	.01078	-.00002	307.79	.00061	2.6244	.74963	-.00043	.00960
#2	.01102	-.00039	308.92	.00034	2.6414	.79863	-.00035	.01835

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.66182	1.0732	.00159	.00416	.00318	.0298	.11757	5.3977
Stddev	.00163	.0100	.00035	.00090	.00014	.0005	.00080	.7527
%RSD	.24603	.93191	22.103	21.672	4.4031	1.532	.67924	13.945

#1	.66297	1.0661	.00135	.00352	.00328	.0294	.11701	5.9300
#2	.66067	1.0803	.00184	.00480	.00308	.0301	.11814	4.8655

Elem	U_3859
Units	ppm
Avg	2.4240
Stddev	.7694
%RSD	31.741

#1	2.9681
#2	1.8800

Sample Name: J5211-02 Acquired: 10/4/2018 12:46:10 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CB-1018-S-TC Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2873.1	62843.	5530.0	115.74	3926.5
Stddev	2.9	2587.	31.0	.40	7.7
%RSD	.10225	4.1163	.56052	.34159	.19599
#1	2871.1	61014.	5551.9	116.02	3921.1
#2	2875.2	64672.	5508.1	115.46	3932.0

Sample Name: J5211-03 Acquired: 10/4/2018 12:50:16 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CB-1018-S-TC Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00461	-.00286	.29876	-.00182	-.00244	.21638	.36905	-.00004
Stddev	.00150	.00108	.00033	.00366	.00046	.01511	.00109	.00002
%RSD	32.661	37.886	.11156	200.54	19.036	6.9853	.29524	66.364

#1	-.00567	-.00362	.29853	.00076	-.00277	.22706	.36828	-.00002
#2	-.00354	-.00209	.29900	-.00441	-.00211	.20569	.36982	-.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00300	18.982	.00106	.00117	.02566	.26160	.44458	1.2808
Stddev	.00009	.166	.00043	.00019	.00070	.01960	.00209	.0230
%RSD	3.0634	.87694	41.198	16.431	2.7124	7.4942	.46948	1.7916

#1	.00307	18.864	.00075	.00130	.02517	.27546	.44606	1.2645
#2	.00294	19.099	.00136	.00103	.02615	.24773	.44311	1.2970

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00890	.00025	264.75	.00135	2.0287	.58360	-.00028	.01269
Stddev	.00020	.00015	2.54	.00054	.0002	.01583	.00007	.00394
%RSD	2.2853	58.675	.96117	40.161	.01164	2.7124	25.765	31.054

#1	.00875	.00035	262.95	.00173	2.0286	.57241	-.00033	.01548
#2	.00904	.00015	266.55	.00097	2.0289	.59479	-.00023	.00990

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23290	1.7551	.00241	.00564	.00175	.0192	.04955	3.6739
Stddev	.00380	.0204	.00017	.00043	.00149	.0009	.00015	.8225
%RSD	1.6300	1.1595	6.8714	7.6995	85.092	4.548	.30198	22.386

#1	.23558	1.7407	.00230	.00595	.00070	.0186	.04944	4.2555
#2	.23021	1.7695	.00253	.00533	.00280	.0198	.04965	3.0924

Elem	U_3859
Units	ppm
Avg	2.0192
Stddev	.2179
%RSD	10.789

#1	1.8652
#2	2.1733

Sample Name: J5211-03 Acquired: 10/4/2018 12:50:16 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CB-1018-S-TC Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2931.0	67377.	5567.5	118.26	4027.3
Stddev	25.7	518.	5.9	.31	39.2
%RSD	.87800	.76906	.10588	.26272	.97276
#1	2912.8	67011.	5571.7	118.04	3999.6
#2	2949.2	67743.	5563.3	118.48	4055.0

Sample Name: J5212-04 Acquired: 10/4/2018 12:54:20 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CG-SOIL-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00251	-.00413	.00454	.00039	-.00088	.06400	.06001	-.00008
Stddev	.00244	.00029	.00115	.00197	.00233	.00047	.00018	.00004
%RSD	96.871	7.0898	25.251	508.10	265.91	.73151	.29718	47.818

#1	-.00424	-.00392	.00535	-.00101	-.00253	.06367	.06013	-.00011
#2	-.00079	-.00434	.00373	.00178	.00077	.06433	.05988	-.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	5.5886	.00138	-.00006	.08617	.03721	.04116	1.1862
Stddev	.00010	.0055	.00020	.00003	.00088	.00299	.00005	.0727
%RSD	1297.4	.09766	14.102	45.476	1.0175	8.0232	.12738	6.1305

#1	.00008	5.5847	.00152	-.00004	.08555	.03933	.04119	1.2376
#2	-.00006	5.5924	.00125	-.00008	.08679	.03510	.04112	1.1347

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05248	.00061	286.78	.00019	.02062	.41439	.00018	.00310
Stddev	.00017	.00052	.34	.00004	.00014	.00879	.00029	.00623
%RSD	.32284	85.754	.11733	18.626	.69241	2.1224	163.53	201.09

#1	.05260	.00024	286.54	.00022	.02052	.40818	.00038	-.00131
#2	.05236	.00098	287.02	.00017	.02072	.42061	-.00003	.00750

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.43945	.35268	.00036	.00334	.00263	.0149	.01549	2.9717
Stddev	.00367	.00229	.00012	.00013	.00143	.0000	.00001	.6360
%RSD	.83543	.64845	32.424	3.9076	54.197	.1592	.09554	21.400

#1	.43685	.35106	.00028	.00343	.00162	.0149	.01550	3.4214
#2	.44204	.35430	.00044	.00325	.00364	.0149	.01548	2.5220

Elem	U_3859
Units	ppm
Avg	1.3390
Stddev	.4008
%RSD	29.930

#1	1.6223
#2	1.0556

Sample Name: J5212-04 Acquired: 10/4/2018 12:54:20 Type: Unk
 Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CG-SOIL-1 Custom ID2: Custom ID3:
 Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2935.9	65347.	5580.3	118.87	4039.8
Stddev	1.4	108.	29.1	1.06	14.7
%RSD	.04633	.16500	.52120	.89185	.36281
#1	2935.0	65271.	5600.9	119.62	4029.4
#2	2936.9	65423.	5559.8	118.12	4050.2

Sample Name: J5212-08 Acquired: 10/4/2018 12:58:29 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CG-SOIL-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00487	-.00279	.00053	-.00393	-.00016	.07872	.04669	-.00010
Stddev	.00286	.00073	.00072	.00669	.00178	.00043	.00018	.00005
%RSD	58.626	26.200	137.29	169.99	1084.3	.54034	.37675	52.651

#1	-.00285	-.00331	.00104	-.00866	.00109	.07902	.04656	-.00006
#2	-.00689	-.00228	.00002	.00079	-.00142	.07842	.04681	-.00014

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	3.3299	.00192	-.00036	.10036	.09530	.01532	.48961
Stddev	.00008	.0083	.00013	.00009	.00012	.01023	.00002	.03502
%RSD	730.37	.24794	6.7955	25.404	.12108	10.734	.14076	7.1529

#1	.00005	3.3358	.00202	-.00042	.10027	.10253	.01531	.51437
#2	-.00007	3.3241	.00183	-.00029	.10045	.08807	.01534	.46485

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04642	-.00002	257.85	.00114	.02061	.12537	.00020	.00732
Stddev	.00039	.00018	.43	.00009	.00023	.00047	.00020	.00251
%RSD	.84723	821.97	.16535	8.2697	1.0981	.37479	99.713	34.333

#1	.04669	-.00015	258.16	.00120	.02077	.12570	.00006	.00910
#2	.04614	.00011	257.55	.00107	.02045	.12504	.00035	.00554

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01695	.31748	.00064	.00239	.00179	.0233	.00944	1.6113
Stddev	.00350	.00314	.00015	.00043	.00106	.0005	.00030	.2033
%RSD	20.643	.98925	23.734	18.077	59.492	2.139	3.2123	12.619

#1	.01942	.31526	.00075	.00269	.00254	.0230	.00923	1.4675
#2	.01447	.31970	.00053	.00208	.00104	.0237	.00966	1.7550

Elem	U_3859
Units	ppm
Avg	1.8688
Stddev	.2715
%RSD	14.526

#1	1.6768
#2	2.0607

Sample Name: J5212-08 Acquired: 10/4/2018 12:58:29 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CG-SOIL-2 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2944.4	65817.	5537.5	117.79	4055.1
Stddev	.1	258.	8.4	1.37	4.2
%RSD	.00427	.39206	.15172	1.1642	.10400
#1	2944.5	65634.	5531.5	116.82	4058.1
#2	2944.3	65999.	5543.4	118.76	4052.1

Sample Name: J5218-02 Acquired: 10/4/2018 13:02:38 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 280-356 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00277	-.00275	.00136	.00174	-.00350	.08351	.07918	-.00005
Stddev	.00079	.00121	.00033	.00292	.00057	.01341	.00041	.00003
%RSD	28.711	43.807	24.143	167.32	16.208	16.054	.51651	46.649

#1	.00333	-.00361	.00112	-.00032	-.00310	.09299	.07947	-.00004
#2	.00221	-.00190	.00159	.00380	-.00390	.07403	.07890	-.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	110.30	-.00033	.00237	.00304	.06741	.73164	6.0827
Stddev	.00002	.16	.00016	.00006	.00025	.01479	.00127	.0962
%RSD	16.468	.14706	49.220	2.5367	8.3742	21.934	.17320	1.5822

#1	.00011	110.19	-.00022	.00241	.00322	.05695	.73075	6.0147
#2	.00013	110.42	-.00045	.00233	.00286	.07786	.73254	6.1508

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00376	.00020	269.40	.00030	.01535	.51270	.00008	.00890
Stddev	.00022	.00034	1.94	.00017	.00020	.02966	.00010	.01172
%RSD	5.7758	172.76	.72066	56.145	1.3201	5.7841	119.31	131.76

#1	.00360	.00044	270.78	.00018	.01549	.49173	.00001	.01719
#2	.00391	-.00004	268.03	.00042	.01520	.53367	.00015	.00061

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06032	.46328	.00145	.00254	.00427	.0029	.20202	6.2626
Stddev	.00341	.00916	.00078	.00189	.00032	.0008	.00025	.3580
%RSD	5.6610	1.9774	53.768	74.444	7.4002	27.23	.12147	5.7172

#1	.05791	.45681	.00200	.00387	.00450	.0024	.20184	6.5158
#2	.06274	.46976	.00090	.00120	.00405	.0035	.20219	6.0094

Elem	U_3859
Units	ppm
Avg	2.0312
Stddev	.0074
%RSD	.36380

#1	2.0364
#2	2.0260

Sample Name: J5218-02 Acquired: 10/4/2018 13:02:38 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 280-356 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2882.8	65037.	5506.6	115.46	3949.0
Stddev	.4	160.	34.2	.29	20.7
%RSD	.01358	.24566	.62179	.24788	.52394
#1	2882.6	64924.	5482.4	115.26	3963.6
#2	2883.1	65150.	5530.8	115.67	3934.3

Sample Name: CCV02 Acquired: 10/4/2018 13:06:46 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV13941 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1287	5.1790	5.1113	5.1246	5.1749	10.407	10.386
Stddev	.0350	.0277	.0334	.0369	.0342	.123	.045
%RSD	.68208	.53454	.65287	.71939	.66148	1.1818	.43062

#1	5.1040	5.1594	5.0877	5.0985	5.1507	10.321	10.355
#2	5.1534	5.1986	5.1349	5.1506	5.1991	10.494	10.418

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25902	2.5639	26.161	1.0410	2.5631	1.2982	5.1765
Stddev	.00038	.0140	.006	.0012	.0144	.0070	.0273
%RSD	.14769	.54462	.02440	.11843	.56317	.54057	.52707

#1	.25929	2.5540	26.157	1.0401	2.5529	1.2933	5.1572
#2	.25875	2.5738	26.166	1.0419	2.5733	1.3032	5.1958

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6160	25.795	2.5658	1.2894	25.920	2.5931	2.5863
Stddev	.0050	.052	.0122	.0022	.121	.0003	.0338
%RSD	.19301	.20119	.47493	.16807	.46660	.00958	1.3069

#1	2.6125	25.832	2.5572	1.2878	25.834	2.5933	2.5624
#2	2.6196	25.759	2.5745	1.2909	26.005	2.5930	2.6102

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.992	5.2254	5.1602	5.0125	5.0205	5.1317	5.1751
Stddev	.075	.0383	.0072	.0341	.0295	.0349	.0019
%RSD	.28882	.73277	.13973	.68085	.58751	.68022	.03700

#1	25.939	5.1983	5.1551	4.9884	4.9996	5.1070	5.1764
#2	26.045	5.2524	5.1653	5.0366	5.0414	5.1563	5.1737

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	5.0549	5.152	5.1701	F 3.0764	F 2.9152
Stddev	.0300	.034	.0079	.1739	.2022
%RSD	.59332	.6642	.15328	5.6530	6.9347

#1	5.0337	5.127	5.1645	2.9534	2.7722
#2	5.0761	5.176	5.1757	3.1993	3.0581

Sample Name: CCV02 Acquired: 10/4/2018 13:06:46 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV13941 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2917.1	65975.	5420.3	112.88	3975.6
Stddev	12.4	137.	3.8	1.20	12.8
%RSD	.42537	.20710	.06945	1.0603	.32270
#1	2925.8	66072.	5417.6	113.73	3984.6
#2	2908.3	65879.	5423.0	112.03	3966.5

Sample Name: CCB02 Acquired: 10/4/2018 13:10:31 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB13941 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00120	-.00110	-.00061	-.00557	-.00019	.00192	.00085
Stddev	.00132	.00133	.00022	.00116	.00021	.00288	.00102
%RSD	109.95	121.23	36.165	20.911	109.95	150.13	120.05

#1	-.00027	-.00204	-.00046	-.00475	-.00034	.00395	.00013
#2	-.00214	-.00016	-.00077	-.00639	-.00004	-.00012	.00157

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	.00001	.01558	.00033	-.00018	-.00020	-.01111
Stddev	.00001	.00005	.00165	.00020	.00003	.00032	.00009
%RSD	17.115	381.76	10.577	59.085	16.691	155.45	.79726

#1	-.00004	.00005	.01441	.00019	-.00016	.00002	-.01117
#2	-.00003	-.00002	.01674	.00047	-.00020	-.00043	-.01105

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	.06368	.00034	-.00061	.03446	.00033	.00004
Stddev	.00008	.01910	.00001	.00031	.00642	.00002	.00007
%RSD	64.176	29.999	4.3307	50.187	18.626	7.3220	201.29

#1	.00018	.05017	.00033	-.00083	.02992	.00035	-.00002
#2	.00007	.07719	.00035	-.00040	.03900	.00032	.00009

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.04659	.00059	.01099	F -.02055	-.00258	-.00031	.00073
Stddev	.01225	.00023	.00472	.00066	.00010	.00056	.00144
%RSD	26.292	38.065	42.975	3.2024	3.9752	179.97	197.40

#1	-.03793	.00075	.01433	-.02101	-.00251	-.00070	.00175
#2	-.05525	.00043	.00765	-.02008	-.00265	.00008	-.00029

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	.00014	.0006	.00001	F<.00000	F .23913		
Stddev	.00178	.0014	.00006	.64092	.76393		
%RSD	1263.3	218.8	586.55	113.88	319.46		

#1	-.00112	-.0003	-.00003	-.10959	-.30105		
#2	.00140	.0016	.00005	-1.0160	.77931		

Sample Name: CCB02 Acquired: 10/4/2018 13:10:31 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB13941 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3086.7	69733.	5538.6	119.34	4462.7
Stddev	13.7	215.	3.6	.84	15.9
%RSD	.44221	.30884	.06500	.70161	.35518
#1	3077.1	69581.	5536.0	118.74	4451.5
#2	3096.4	69886.	5541.1	119.93	4473.9

Sample Name: J5218-04 Acquired: 10/4/2018 13:14:35 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 229-211-RBR2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00129	-.00240	.15723	.00370	-.00054	.05264	.15346	.00002
Stddev	.00480	.00036	.00020	.00327	.00306	.00396	.00085	.00006
%RSD	372.97	15.166	.12897	88.394	567.79	7.5270	.55447	283.95

#1	.00468	-.00214	.15709	.00139	.00163	.04984	.15286	-.00002
#2	-.00211	-.00266	.15738	.00601	-.00270	.05545	.15406	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00055	64.427	.00044	.00443	.00955	.03355	.31264	.99007
Stddev	.00001	.844	.00037	.00020	.00035	.01363	.00015	.01576
%RSD	1.2852	1.3096	84.550	4.6243	3.6242	40.622	.04642	1.5916

#1	.00055	63.831	.00070	.00428	.00931	.04319	.31254	.97893
#2	.00054	65.024	.00018	.00457	.00980	.02391	.31275	1.0012

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00513	-.00069	274.65	.00025	.25367	.52838	.00029	.01505
Stddev	.00039	.00011	2.39	.00025	.00369	.03817	.00010	.00565
%RSD	7.6788	15.460	.86933	99.882	1.4532	7.2233	33.314	37.556

#1	.00541	-.00061	272.96	.00007	.25107	.55537	.00035	.01905
#2	.00486	-.00076	276.33	.00043	.25628	.50139	.00022	.01106

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.72203	.49963	.00072	-.00056	.00332	.0064	.19113	5.1089
Stddev	.00137	.00134	.00029	.00008	.00013	.0008	.00243	.6574
%RSD	.18926	.26774	40.668	13.794	3.8005	12.93	1.2689	12.867

#1	.72299	.50058	.00052	-.00051	.00341	.0058	.18941	5.5738
#2	.72106	.49869	.00093	-.00062	.00323	.0070	.19284	4.6441

Elem	U_3859
Units	ppm
Avg	2.4917
Stddev	.4084
%RSD	16.392

#1	2.7805
#2	2.2029

Sample Name: J5218-04 Acquired: 10/4/2018 13:14:35 Type: Unk
 Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 229-211-RBR2 Custom ID2: Custom ID3:
 Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2888.6	64467.	5541.2	116.90	3956.0
Stddev	6.1	96.	13.1	1.30	15.3
%RSD	.21114	.14874	.23669	1.1097	.38639
#1	2884.3	64535.	5550.4	117.82	3945.2
#2	2892.9	64399.	5531.9	115.99	3966.8

Sample Name: J5218-06 Acquired: 10/4/2018 13:18:43 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 293-230 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00362	-.00288	.00638	.00150	-.00403	.01738	.12990	-.00000
Stddev	.00237	.00101	.00060	.00268	.00053	.01788	.00108	.00004
%RSD	65.460	35.066	9.4509	179.22	13.199	102.85	.83515	9573.5

#1	.00194	-.00360	.00595	.00340	-.00441	.03002	.12913	.00003
#2	.00529	-.00217	.00681	-.00040	-.00366	.00474	.13067	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00032	149.25	.00009	.00334	.00522	-.03244	.28734	1.6006
Stddev	.00007	.78	.00006	.00004	.00014	.00635	.00022	.0454
%RSD	20.419	.52022	63.295	1.0597	2.6501	19.570	.07690	2.8344

#1	.00036	148.70	.00014	.00331	.00512	-.02795	.28749	1.5686
#2	.00027	149.80	.00005	.00336	.00532	-.03692	.28718	1.6327

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00434	.00009	278.56	.00071	.05150	1.6102	.00127	.00109
Stddev	.00016	.00004	.37	.00030	.00086	.0123	.00035	.01095
%RSD	3.7544	46.531	.13305	42.512	1.6638	.76359	27.686	1007.9

#1	.00422	.00006	278.29	.00093	.05211	1.6015	.00102	-.00666
#2	.00445	.00013	278.82	.00050	.05089	1.6189	.00152	.00883

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3227	3.2817	.00081	-.00180	.00758	.0163	.47627	7.9143
Stddev	.0009	.0103	.00069	.00137	.00002	.0003	.00102	.6829
%RSD	.03740	.31523	84.495	76.308	.26896	1.974	.21388	8.6285

#1	2.3221	3.2743	.00130	-.00277	.00760	.0165	.47555	7.4315
#2	2.3233	3.2890	.00033	-.00083	.00757	.0160	.47699	8.3972

Elem	U_3859
Units	ppm
Avg	2.3109
Stddev	.1424
%RSD	6.1598

#1	2.4115
#2	2.2102

Sample Name: J5218-06 Acquired: 10/4/2018 13:18:43 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 293-230 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2875.3	64492.	5543.6	116.05	3934.3
Stddev	4.9	107.	5.3	2.10	7.7
%RSD	.17073	.16598	.09608	1.8091	.19630
#1	2871.8	64417.	5539.8	114.56	3939.8
#2	2878.8	64568.	5547.3	117.53	3928.9

Sample Name: J5218-06DUP Acquired: 10/4/2018 13:22:51 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 293-230DUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00202	-.00156	.00625	-.00235	-.00364	.00412	.13036	.00007
Stddev	.00003	.00197	.00060	.00423	.00065	.00817	.00043	.00005
%RSD	1.2756	126.76	9.5470	180.14	17.745	198.06	.33353	71.391

#1	.00200	-.00295	.00667	-.00534	-.00410	.00990	.13066	.00004
#2	.00204	-.00016	.00583	.00064	-.00319	-.00165	.13005	.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00032	149.48	.00034	.00362	.00476	-.03645	.28753	1.5594
Stddev	.00004	.17	.00070	.00023	.00028	.00185	.00053	.0039
%RSD	12.660	.11593	204.65	6.3142	5.8649	5.0851	.18421	.25177

#1	.00035	149.36	-.00015	.00379	.00496	-.03776	.28790	1.5622
#2	.00029	149.61	.00083	.00346	.00456	-.03514	.28715	1.5567

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00456	-.00055	280.54	.00094	.05052	1.6520	.00140	.00439
Stddev	.00007	.00002	2.67	.00025	.00111	.0153	.00030	.00261
%RSD	1.6239	4.4035	.95324	26.399	2.2016	.92580	21.639	59.476

#1	.00461	-.00053	282.43	.00077	.04973	1.6412	.00161	.00255
#2	.00450	-.00056	278.65	.00112	.05131	1.6628	.00119	.00624

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3279	3.2680	.00129	-.00194	.00883	.0175	.47747	7.3777
Stddev	.0043	.0150	.00036	.00085	.00059	.0029	.00073	.5323
%RSD	.18486	.45818	27.685	44.045	6.6763	16.68	.15214	7.2153

#1	2.3310	3.2575	.00104	-.00255	.00925	.0154	.47696	7.0013
#2	2.3249	3.2786	.00154	-.00134	.00842	.0195	.47799	7.7541

Elem	U_3859
Units	ppm
Avg	2.3156
Stddev	.3201
%RSD	13.826

#1	2.5419
#2	2.0892

Sample Name: J5218-06DUP Acquired: 10/4/2018 13:22:51 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 293-230DUP Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2868.6	64252.	5497.9	116.55	3925.6
Stddev	1.6	200.	10.2	2.31	18.4
%RSD	.05469	.31135	.18625	1.9788	.46782
#1	2867.5	64110.	5490.6	118.18	3912.6
#2	2869.7	64393.	5505.1	114.92	3938.6

Sample Name: J5218-06LX5 Acquired: 10/4/2018 13:26:59 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00105	-.00205	.00144	-.00342	-.00247	-.00196	.02864	-.00004
Stddev	.00037	.00045	.00125	.00191	.00044	.00511	.00157	.00002
%RSD	35.590	21.780	86.331	55.683	17.676	260.95	5.4946	52.162

#1	.00079	-.00174	.00056	-.00208	-.00216	-.00558	.02975	-.00006
#2	.00132	-.00237	.00232	-.00477	-.00278	.00166	.02753	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	31.678	.00015	.00057	.00043	-.01117	.06088	.37770
Stddev	.00004	.628	.00041	.00005	.00008	.00484	.00018	.04300
%RSD	31.293	1.9818	270.71	8.2328	19.048	43.333	.28772	11.384

#1	.00009	32.122	.00044	.00054	.00049	-.01459	.06075	.40810
#2	.00014	31.234	-.00014	.00060	.00037	-.00774	.06100	.34730

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00041	-.00043	58.980	.00016	.01077	.28175	.00019	.01359
Stddev	.00013	.00023	1.371	.00025	.00044	.01896	.00018	.00780
%RSD	31.207	52.266	2.3240	150.64	4.0810	6.7305	94.664	57.442

#1	.00050	-.00027	59.950	-.00001	.01108	.29516	.00006	.01911
#2	.00032	-.00060	58.011	.00034	.01046	.26834	.00031	.00807

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.43429	.70986	-.00009	-.00052	.00201	.0062	.10049	3.0428
Stddev	.00048	.00963	.00078	.00321	.00100	.0002	.00184	.3262
%RSD	.10980	1.3561	838.79	615.74	49.699	3.369	1.8326	10.719

#1	.43395	.71666	.00046	-.00279	.00271	.0061	.10179	2.8122
#2	.43463	.70305	-.00064	.00175	.00130	.0064	.09919	3.2735

Elem	U_3859
Units	ppm
Avg	1.4741
Stddev	.4083
%RSD	27.695

#1	1.1854
#2	1.7627

Sample Name: J5218-06LX5 Acquired: 10/4/2018 13:26:59 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3010.3	67314.	5492.3	116.23	4254.5
Stddev	3.1	74.	121.5	5.08	5.4
%RSD	.10230	.11021	2.2114	4.3738	.12697
#1	3008.2	67261.	5406.4	112.64	4250.7
#2	3012.5	67366.	5578.2	119.83	4258.3

Sample Name: J5218-06MS Acquired: 10/4/2018 13:31:01 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 293-230MS 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	.83599	1.9703	.98905	2.0737	.82079	2.1817	.34802	.21424	.20212
Stddev	.00010	.0019	.00326	.0143	.00051	.0019	.00470	.00511	.00035
%RSD	.01156	.09769	.32916	.68899	.06272	.08926	1.3497	2.3872	.17180

#1	.83605	1.9717	.98675	2.0636	.82115	2.1830	.34470	.21786	.20187
#2	.83592	1.9690	.99136	2.0838	.82042	2.1803	.35134	.21063	.20236

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	152.98	.43008	.20746	.31368	3.1074	.49802	3.6651	.50994	.07631
Stddev	1.85	.00860	.00066	.00086	.0495	.00950	.0167	.00163	.00065
%RSD	1.2121	2.0001	.31675	.27450	1.5947	1.9077	.45462	.31987	.85348

#1	151.67	.43616	.20699	.31307	3.0724	.50474	3.6533	.50879	.07677
#2	154.29	.42400	.20792	.31429	3.1425	.49131	3.6769	.51110	.07585

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	288.13	.32992	.25770	12.641	.43070	.32390	2.2703	4.3208	.71408
Stddev	1.22	.00756	.00290	.167	.00169	.00989	.0058	.0241	.00326
%RSD	.42263	2.2906	1.1251	1.3191	.39292	3.0539	.25499	.55790	.45676

#1	287.27	.33527	.25565	12.523	.42950	.31690	2.2744	4.3038	.71177
#2	289.00	.32458	.25975	12.759	.43190	.33089	2.2662	4.3379	.71639

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.21305	.24655	6.252	.69480	6.8164	3.2977			
Stddev	.00418	.00687	.002	.00760	.5413	.2020			
%RSD	1.9602	2.7847	.0306	1.0933	7.9417	6.1261			

#1	.21009	.24169	6.250	.68943	7.1992	3.1549			
#2	.21600	.25140	6.253	.70017	6.4336	3.4406			

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306				
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S				
Avg	2864.3	63383.	5303.8	112.31	3925.8				
Stddev	1.1	1025.	39.0	.93	5.3				
%RSD	.03743	1.6177	.73497	.83150	.13400				

#1	2865.1	62658.	5331.4	112.97	3922.0				
#2	2863.5	64108.	5276.2	111.65	3929.5				

Sample Name: J5218-06MSD Acquired: 10/4/2018 13:34:53 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 293-230MSD 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	.86256	2.0217	1.0148	2.1322	.84509	2.1994	.34307	.21635	.20706
Stddev	.00622	.0059	.0013	.0013	.00442	.0181	.00043	.00096	.00036
%RSD	.72115	.28957	.12355	.05843	.52313	.82506	.12570	.44539	.17150

#1	.85816	2.0176	1.0139	2.1313	.84196	2.1865	.34276	.21566	.20731
#2	.86696	2.0259	1.0157	2.1330	.84821	2.2122	.34337	.21703	.20681

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	148.72	.43562	.21215	.32156	3.0551	.49664	3.6445	.52303	.07669
Stddev	.20	.00041	.00022	.00155	.0243	.00178	.0385	.00020	.00017
%RSD	.13530	.09477	.10139	.48322	.79445	.35833	1.0574	.03802	.22370

#1	148.86	.43591	.21230	.32046	3.0380	.49538	3.6717	.52317	.07681
#2	148.57	.43533	.21200	.32266	3.0723	.49789	3.6172	.52289	.07657

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	279.13	.33326	.24993	12.528	.44503	.31049	2.2745	4.2440	.73305
Stddev	.07	.00085	.00154	.082	.00249	.00224	.0100	.0477	.00063
%RSD	.02508	.25435	.61754	.65810	.55964	.72036	.43832	1.1249	.08603

#1	279.18	.33266	.24884	12.470	.44327	.30891	2.2815	4.2778	.73350
#2	279.08	.33386	.25103	12.586	.44679	.31207	2.2674	4.2103	.73261

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.21342	.24305	6.389	.67951	7.4528	2.4864			
Stddev	.00306	.00138	.000	.00015	1.2082	.5588			
%RSD	1.4333	.56796	.0059	.02269	16.212	22.473			

#1	.21126	.24207	6.390	.67940	6.5984	2.0913			
#2	.21558	.24402	6.389	.67962	8.3071	2.8816			

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306				
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S				
Avg	2847.0	64159.	5424.9	117.54	3911.4				
Stddev	2.4	27.	34.8	.27	16.3				
%RSD	.08485	.04177	.64111	.23361	.41785				

#1	2845.3	64178.	5400.3	117.73	3899.9				
#2	2848.7	64140.	5449.5	117.34	3923.0				

Sample Name: J5218-06A Acquired: 10/4/2018 13:38:46 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7527 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	.86950	2.0230	1.0208	2.1538	.85533	2.2263	.34503	.21697	.20820
Stddev	.00086	.0076	.0002	.0077	.00662	.0271	.00177	.00087	.00056
%RSD	.09869	.37336	.01595	.35584	.77353	1.2170	.51196	.40002	.27022

#1	.86889	2.0176	1.0207	2.1484	.85065	2.2455	.34628	.21758	.20781
#2	.87010	2.0283	1.0209	2.1592	.86001	2.2072	.34378	.21635	.20860

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	148.19	.43711	.21258	.32307	3.1100	.49610	3.6146	.52579	.07635
Stddev	.94	.00108	.00050	.00206	.0450	.00225	.0046	.00046	.00043
%RSD	.63300	.24704	.23356	.63659	1.4470	.45392	.12834	.08700	.56414

#1	147.52	.43788	.21223	.32162	3.0782	.49769	3.6179	.52611	.07604
#2	148.85	.43635	.21293	.32453	3.1419	.49451	3.6113	.52547	.07665

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	275.76	.33447	.25391	12.675	.44667	.32487	2.2686	4.2234	.73998
Stddev	.61	.00110	.00384	.049	.00374	.01457	.0089	.0202	.00119
%RSD	.22090	.32883	1.5139	.38798	.83817	4.4839	.39061	.47870	.16077

#1	276.19	.33524	.25120	12.710	.44402	.33517	2.2749	4.2377	.73914
#2	275.33	.33369	.25663	12.640	.44932	.31457	2.2624	4.2091	.74082

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.21750	.24750	6.431	.67953	6.4907	2.6936			
Stddev	.00268	.00230	.013	.00427	.6650	.4431			
%RSD	1.2332	.92956	.1939	.62825	10.245	16.451			

#1	.21939	.24913	6.422	.67651	6.9609	2.3803			
#2	.21560	.24587	6.440	.68255	6.0205	3.0070			

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306				
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S				
Avg	2854.7	64302.	5439.4	116.61	3927.5				
Stddev	8.8	443.	2.3	1.25	13.7				
%RSD	.30763	.68817	.04235	1.0713	.34791				

#1	2860.9	63989.	5437.8	117.49	3917.9				
#2	2848.5	64615.	5441.0	115.73	3937.2				

Sample Name: J5214-02 Acquired: 10/4/2018 13:42:38 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: N48963 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00116	-.00039	-.00008	-.00204	-.00113	.06270	.02346	.00003
Stddev	.00106	.00107	.00035	.00237	.00075	.00197	.00003	.00001
%RSD	91.354	275.65	437.95	116.14	66.465	3.1378	.12158	19.047

#1	.00041	-.00114	.00017	-.00372	-.00060	.06131	.02348	.00004
#2	.00190	.00037	-.00033	-.00036	-.00166	.06409	.02344	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	8.2897	.00351	-.00001	.00314	.04126	.00229	.50981
Stddev	.00003	.0502	.00008	.00024	.00034	.00114	.00005	.03507
%RSD	80.760	.60591	2.2960	3554.5	10.725	2.7708	2.2418	6.8791

#1	.00006	8.2542	.00356	.00016	.00338	.04207	.00226	.53461
#2	.00002	8.3252	.00345	-.00018	.00290	.04045	.00233	.48501

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00227	-.00013	7.1930	.00084	.00841	1.5033	.00231	.02648
Stddev	.00024	.00037	.0069	.00053	.00004	.0009	.00018	.00566
%RSD	10.775	282.78	.09592	63.550	.49165	.06108	7.7629	21.364

#1	.00244	.00013	7.1881	.00046	.00838	1.5039	.00218	.02248
#2	.00210	-.00039	7.1978	.00122	.00844	1.5026	.00244	.03048

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.2605	.58872	-.00224	.00342	-.00059	.0170	.04421	1.7452
Stddev	.0062	.01126	.00108	.00097	.00196	.0022	.00019	.1063
%RSD	.09831	1.9124	48.088	28.281	331.69	12.70	.42204	6.0889

#1	6.2561	.58076	-.00301	.00411	-.00198	.0185	.04408	1.8203
#2	6.2648	.59668	-.00148	.00274	.00080	.0155	.04434	1.6701

Elem	U_3859
Units	ppm
Avg	.61421
Stddev	.15928
%RSD	25.933

#1	.72684
#2	.50158

Sample Name: J5214-02 Acquired: 10/4/2018 13:42:38 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: N48963 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3089.4	69213.	5561.9	119.90	4485.4
Stddev	5.0	100.	25.9	.23	1.9
%RSD	.16256	.14401	.46565	.18931	.04200
#1	3092.9	69142.	5580.2	119.74	4486.7
#2	3085.8	69283.	5543.6	120.06	4484.0

Sample Name: J5214-02DUP Acquired: 10/4/2018 13:46:39 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: N48963DUP 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	-.00213	.00031	-.00531	-.00193	.06028	.02444	.00005
Stddev	.00036	.00116	.00010	.00173	.00199	.01889	.00203	.00003
%RSD	26.529	54.772	32.010	32.494	103.21	31.336	8.3153	69.004

#1	.00160	-.00130	.00038	-.00653	-.00052	.04692	.02300	.00002
#2	.00109	-.00295	.00024	-.00409	-.00334	.07364	.02587	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	8.3474	.00385	-.00014	.00282	.05031	.00218	.51074
Stddev	.00008	.0048	.00011	.00001	.00023	.00610	.00000	.00648
%RSD	1966.1	.05758	2.9509	10.209	8.1452	12.131	.20801	1.2681

#1	-.00005	8.3440	.00393	-.00015	.00266	.04599	.00218	.50616
#2	.00006	8.3508	.00377	-.00013	.00298	.05463	.00218	.51532

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00201	-.00004	7.2110	.00067	.00848	1.5182	.00237	.03348
Stddev	.00042	.00063	.0551	.00023	.00041	.0081	.00012	.00884
%RSD	20.814	1573.2	.76367	33.778	4.8472	.53605	4.9315	26.415

#1	.00172	-.00049	7.1721	.00051	.00877	1.5125	.00228	.03973
#2	.00231	.00041	7.2499	.00083	.00819	1.5240	.00245	.02722

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.2662	.58904	-.00242	.00444	-.00015	.0149	.04452	1.0913
Stddev	.0226	.00345	.00006	.00041	.00074	.0008	.00007	.3657
%RSD	.35985	.58546	2.3920	9.2576	484.30	5.223	.15958	33.513

#1	6.2821	.59148	-.00238	.00473	.00037	.0144	.04447	1.3499
#2	6.2502	.58660	-.00246	.00415	-.00068	.0155	.04457	.83267

Elem	U_3859
Units	ppm
Avg	.91660
Stddev	.19450
%RSD	21.219

#1	1.0541
#2	.77907

Sample Name: J5214-02DUP Acquired: 10/4/2018 13:46:39 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: N48963DUP Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3077.5	68941.	5529.8	118.75	4484.5
Stddev	6.4	207.	42.1	3.81	.9
%RSD	.20848	.30081	.76058	3.2053	.02034
#1	3082.1	69088.	5559.5	116.06	4483.9
#2	3073.0	68795.	5500.0	121.44	4485.1

Sample Name: J5214-02LX5 Acquired: 10/4/2018 13:50:39 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB113474TB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00026	-.00237	-.00123	-.00148	-.00031	.01974	.00641	-.00012
Stddev	.00169	.00056	.00024	.00197	.00072	.00391	.00042	.00004
%RSD	659.84	23.780	19.528	133.16	229.61	19.811	6.5219	34.421

#1	-.00094	-.00277	-.00140	-.00009	.00020	.02251	.00670	-.00015
#2	.00145	-.00197	-.00106	-.00288	-.00082	.01698	.00611	-.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	1.8781	.00086	.00009	.00088	.00442	.00050	.15300
Stddev	.00002	.0162	.00004	.00005	.00014	.00484	.00006	.02876
%RSD	153.03	.85971	5.0425	58.722	16.244	109.43	11.194	18.794

#1	.00000	1.8667	.00089	.00005	.00098	.00100	.00054	.13267
#2	-.00002	1.8895	.00083	.00013	.00078	.00784	.00046	.17334

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00020	-.00034	1.6666	-.00004	.00138	.31697	.00051	-.00425
Stddev	.00013	.00022	.0105	.00007	.00002	.02565	.00006	.00558
%RSD	63.455	65.908	.62776	170.35	1.6887	8.0918	11.107	131.35

#1	.00011	-.00018	1.6592	-.00009	.00136	.33510	.00047	-.00030
#2	.00029	-.00049	1.6739	.00001	.00140	.29883	.00055	-.00819

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3595	.13474	-.00164	.00329	-.00062	.0066	.01002	.53245
Stddev	.0093	.00123	.00018	.00047	.00085	.0018	.00010	.29637
%RSD	.68395	.91139	10.948	14.269	137.47	27.43	1.0123	55.662

#1	1.3529	.13387	-.00177	.00296	-.00002	.0079	.00995	.74201
#2	1.3660	.13561	-.00151	.00363	-.00121	.0053	.01009	.32288

Elem	U_3859
Units	ppm
Avg	.26953
Stddev	.36035
%RSD	133.69

#1	.52433
#2	.01473

Sample Name: J5214-02LX5 Acquired: 10/4/2018 13:50:39 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB113474TB Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3101.6	69577.	5488.3	116.52	4509.6
Stddev	7.9	271.	26.8	.54	10.9
%RSD	.25552	.38895	.48888	.45929	.24256
#1	3096.0	69385.	5507.3	116.14	4501.8
#2	3107.2	69768.	5469.3	116.90	4517.3

Sample Name: CCV03 Acquired: 10/4/2018 13:54:43 Type: Unk
Method: P4-ICP2(v2478) 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	4.9580	5.0554	4.9697	4.9583	4.9960	10.163	10.026
Stddev	.0008	.0189	.0130	.0161	.0029	.094	.256
%RSD	.01555	.37405	.26166	.32476	.05771	.92054	2.5512

#1	4.9575	5.0688	4.9789	4.9697	4.9940	10.229	10.207
#2	4.9586	5.0420	4.9605	4.9469	4.9980	10.097	9.8455

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25300	2.5028	25.342	1.0246	2.4924	1.2590	5.0559
Stddev	.00086	.0070	.538	.0012	.0052	.0031	.1338
%RSD	.33928	.27964	2.1230	.11939	.21002	.24256	2.6470

#1	.25360	2.5078	25.722	1.0254	2.4961	1.2568	5.1505
#2	.25239	2.4979	24.961	1.0237	2.4887	1.2611	4.9613

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5682	24.971	2.4917	1.2630	25.238	2.5494	2.5470
Stddev	.0043	.414	.0032	.0002	.560	.0006	.0822
%RSD	.16944	1.6598	.12635	.01716	2.2197	.02489	3.2257

#1	2.5712	25.264	2.4939	1.2631	25.634	2.5490	2.6051
#2	2.5651	24.678	2.4894	1.2628	24.842	2.5499	2.4889

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.210	5.0776	5.0038	4.8424	4.8963	4.9965	4.9862
Stddev	.601	.0013	.1080	.0063	.0342	.0030	.1004
%RSD	2.3826	.02599	2.1578	.13009	.69925	.05925	2.0143

#1	25.634	5.0767	5.0802	4.8468	4.9205	4.9986	5.0572
#2	24.785	5.0785	4.9275	4.8379	4.8721	4.9944	4.9152

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	4.8852	4.997	5.0084	F 2.4196	F 3.4670
Stddev	.1119	.030	.1253	1.0846	.7351
%RSD	2.2913	.5948	2.5016	44.827	21.204

#1	4.9644	5.018	5.0970	3.1866	3.9868
#2	4.8061	4.976	4.9198	1.6527	2.9472

Sample Name: CCV03 Acquired: 10/4/2018 13:54:43 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2975.5	66431.	5500.9	113.05	4047.3
Stddev	.4	351.	117.6	3.63	11.4
%RSD	.01345	.52825	2.1372	3.2090	.28186
#1	2975.2	66183.	5417.8	110.49	4039.3
#2	2975.8	66680.	5584.0	115.62	4055.4

Sample Name: CCB03 Acquired: 10/4/2018 13:58:26 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00126	-.00046	-.00159	-.00854	.00131	-.00510	.00145
Stddev	.00341	.00079	.00078	.00410	.00206	.00357	.00011
%RSD	269.49	171.68	49.063	47.996	157.28	69.977	7.4833

#1	.00115	.00010	-.00104	-.00564	.00276	-.00257	.00152
#2	-.00368	-.00102	-.00214	-.01144	-.00015	-.00762	.00137

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00003	.00147	.00037	-.00019	-.00012	-.01089
Stddev	.00002	.00004	.00029	.00061	.00011	.00038	.00242
%RSD	38.073	126.62	19.616	165.24	56.388	332.29	22.223

#1	.00005	.00006	.00127	-.00006	-.00026	-.00039	-.01261
#2	.00003	.00000	.00167	.00079	-.00011	.00016	-.00918

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.04651	.00023	-.00023	.00709	.00035	.00011
Stddev	.00006	.01629	.00048	.00006	.00398	.00058	.00005
%RSD	189.31	35.030	207.42	25.084	56.143	167.14	46.855

#1	-.00001	.03499	-.00011	-.00019	.00991	.00076	.00007
#2	.00008	.05803	.00058	-.00027	.00428	-.00006	.00014

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.05715	.00034	.00075	F -.02400	-.00159	-.00083	.00297
Stddev	.00108	.00013	.00671	.00146	.00366	.00096	.00166
%RSD	1.8967	37.585	900.83	6.1012	230.97	116.75	55.860

#1	-.05792	.00043	-.00400	-.02504	.00100	-.00151	.00414
#2	-.05639	.00025	.00549	-.02296	-.00418	-.00014	.00180

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	.00060	.0002	-.00004	F .36302	F .37201		
Stddev	.00112	.0014	.00013	.31266	.46848		
%RSD	186.53	737.7	351.99	86.128	125.93		

#1	.00139	.0012	.00005	.58410	.70327		
#2	-.00019	-.0008	-.00012	.14193	.04074		

Sample Name: CCB03 Acquired: 10/4/2018 13:58:26 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3101.2	69784.	5481.0	117.82	4495.8
Stddev	7.3	177.	10.2	.35	10.2
%RSD	.23515	.25312	.18560	.29508	.22738
#1	3096.0	69909.	5488.2	118.06	4488.6
#2	3106.4	69659.	5473.8	117.57	4503.0

Sample Name: J5214-02MS Acquired: 10/4/2018 14:02:29 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: N48963MS 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	.78864	2.0502	.98336	1.9921	.80134	2.0367	.23656	.20172	.19814
Stddev	.01135	.0331	.01271	.0221	.01058	.0141	.00055	.00170	.00308
%RSD	1.4386	1.6144	1.2924	1.1116	1.3197	.69466	.23146	.84032	1.5552

#1	.78062	2.0268	.97437	1.9764	.79386	2.0267	.23695	.20052	.19596
#2	.79667	2.0736	.99235	2.0077	.80882	2.0467	.23617	.20292	.20032

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.9664	.41296	.19991	.31829	3.1402	.21452	2.6530	.50137	.07248
Stddev	.0273	.00465	.00288	.00355	.0093	.00249	.0722	.00818	.00048
%RSD	.27377	1.1250	1.4398	1.1157	.29506	1.1612	2.7235	1.6324	.66045

#1	9.9471	.40968	.19788	.31578	3.1336	.21276	2.7041	.49558	.07214
#2	9.9857	.41625	.20195	.32080	3.1467	.21628	2.6019	.50716	.07281

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	10.884	.30971	.21839	12.212	.41447	.34358	6.6529	1.6098	.69603
Stddev	.016	.00485	.00192	.020	.00558	.00720	.1058	.0156	.00820
%RSD	.14687	1.5646	.88086	.16521	1.3474	2.0945	1.5896	.96645	1.1777

#1	10.896	.30628	.21703	12.226	.41052	.34867	6.5781	1.6208	.69023
#2	10.873	.31313	.21975	12.197	.41842	.33849	6.7277	1.5988	.70182

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.21245	.23052	5.643	.25194	.22409	1.1370			
Stddev	.00109	.00081	.074	.00051	.55731	.6049			
%RSD	.51467	.34988	1.319	.20276	248.70	53.198			

#1	.21322	.23109	5.590	.25230	-.16999	.70928			
#2	.21167	.22995	5.696	.25158	.61817	1.5647			

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306				
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S				
Avg	3065.9	69304.	5392.8	115.41	4392.9				
Stddev	18.0	671.	11.0	.25	27.7				
%RSD	.58551	.96771	.20485	.21740	.63006				

#1	3078.6	69778.	5385.0	115.23	4412.5				
#2	3053.2	68830.	5400.7	115.58	4373.3				

Sample Name: J5214-02MSD Acquired: 10/4/2018 14:06:17 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: N48963MSD 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	.79468	2.0568	.98593	2.0012	.80378	2.0589	.23620	.20364	.19815
Stddev	.00321	.0061	.00147	.0021	.00370	.0033	.00089	.00007	.00015
%RSD	.40341	.29634	.14889	.10530	.46056	.15873	.37627	.03670	.07590

#1	.79694	2.0612	.98696	1.9997	.80640	2.0612	.23683	.20370	.19826
#2	.79241	2.0525	.98489	2.0027	.80117	2.0565	.23557	.20359	.19804

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.9790	.42041	.20009	.31894	3.1472	.21717	2.6975	.50172	.07297
Stddev	.0104	.00036	.00028	.00081	.0265	.00008	.1172	.00033	.00032
%RSD	.10471	.08494	.13798	.25302	.84324	.03526	4.3430	.06558	.43572

#1	9.9864	.42015	.20028	.31951	3.1284	.21712	2.7804	.50148	.07320
#2	9.9716	.42066	.19989	.31837	3.1659	.21723	2.6147	.50195	.07275

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	10.863	.31263	.21594	12.156	.41662	.34730	6.6293	1.6199	.69852
Stddev	.019	.00051	.00099	.039	.00020	.01459	.0285	.0111	.00354
%RSD	.17884	.16313	.45860	.31979	.04731	4.2012	.42964	.68754	.50706

#1	10.877	.31227	.21524	12.128	.41676	.33698	6.6494	1.6278	.70102
#2	10.850	.31299	.21664	12.183	.41648	.35762	6.6091	1.6120	.69601

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.21098	.22961	5.632	.25065	.06445	1.1258			
Stddev	.00146	.00117	.024	.00034	.32801	.8383			
%RSD	.69423	.50986	.4207	.13423	508.96	74.457			

#1	.21202	.22878	5.648	.25041	.29639	.53310			
#2	.20995	.23044	5.615	.25089	-.16749	1.7186			

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306				
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S				
Avg	3036.0	68278.	5375.6	115.91	4358.7				
Stddev	4.4	109.	38.1	.54	7.7				
%RSD	.14438	.16020	.70797	.47019	.17736				

#1	3032.9	68201.	5348.7	116.29	4353.2				
#2	3039.1	68356.	5402.5	115.52	4364.2				

Sample Name: J5214-02A Acquired: 10/4/2018 14:10:05 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7527 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	.78519	2.0489	.98038	1.9815	.79982	2.0563	.23688	.20283	.19722
Stddev	.00039	.0052	.00270	.0103	.00128	.0125	.00165	.00043	.00015
%RSD	.04980	.25418	.27505	.52045	.16044	.60997	.69443	.21429	.07422

#1	.78547	2.0452	.97847	1.9742	.79891	2.0652	.23805	.20313	.19712
#2	.78492	2.0526	.98228	1.9888	.80072	2.0474	.23572	.20252	.19733

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.9944	.41918	.19929	.31743	3.1127	.21702	2.6122	.49871	.07228
Stddev	.0092	.00055	.00044	.00107	.0349	.00018	.0221	.00109	.00021
%RSD	.09158	.13142	.22121	.33796	1.1226	.08220	.84715	.21812	.29371

#1	9.9879	.41957	.19898	.31667	3.0880	.21714	2.6278	.49794	.07213
#2	10.001	.41879	.19960	.31819	3.1374	.21689	2.5965	.49948	.07243

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	10.878	.31318	.21468	12.230	.41432	.34660	6.5938	1.6207	.69197
Stddev	.020	.00113	.00390	.026	.00188	.00186	.0108	.0250	.00059
%RSD	.18250	.35979	1.8180	.20856	.45388	.53731	.16378	1.5433	.08527

#1	10.892	.31238	.21192	12.212	.41299	.34529	6.5862	1.6030	.69156
#2	10.864	.31397	.21744	12.248	.41565	.34792	6.6014	1.6384	.69239

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.21248	.23175	5.613	.25098	.25361	1.2972			
Stddev	.00324	.00037	.001	.00078	.51778	.8874			
%RSD	1.5272	.16075	.0083	.31074	204.16	68.412			

#1	.21477	.23202	5.614	.25153	.61974	1.9246			
#2	.21018	.23149	5.613	.25042	-.11251	.66966			

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306				
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S				
Avg	3047.4	68665.	5359.6	116.32	4372.6				
Stddev	4.3	296.	2.0	1.64	11.5				
%RSD	.13971	.43101	.03689	1.4099	.26228				

#1	3044.4	68456.	5361.0	117.48	4364.5				
#2	3050.4	68875.	5358.2	115.16	4380.7				

Sample Name: J5218-05 Acquired: 10/4/2018 14:13:52 Type: Unk
Method: P4-ICP2(v2478) 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	.17226	-.01841	5.7377	-.02194	.01115	94.181	2.2980
Stddev	.00040	.00044	.0030	.00810	.00043	.275	.0091
%RSD	.23204	2.4013	.05256	36.897	3.8738	.29188	.39522

#1	.17255	-.01872	5.7398	-.02767	.01145	94.376	2.2915
#2	.17198	-.01809	5.7355	-.01622	.01084	93.987	2.3044

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00864	.00769	995.65	.22298	.10911	2.0632	265.35
Stddev	.00002	.00070	4.40	.00234	.00062	.0015	3.66
%RSD	.26708	9.0435	.44170	1.0483	.57198	.07213	1.3801

#1	.00866	.00818	992.54	.22463	.10867	2.0642	262.76
#2	.00862	.00720	998.76	.22132	.10955	2.0621	267.94

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.4481	39.397	.38813	-.00307	15.288	.32660	4.7132
Stddev	.0060	.158	.00070	.00068	.119	.00039	.0737
%RSD	.17549	.40176	.18113	22.005	.77937	.11911	1.5628

#1	3.4523	39.285	.38863	-.00355	15.204	.32688	4.6611
#2	3.4438	39.509	.38763	-.00259	15.373	.32633	4.7652

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.614	.02117	.17191	24.672	4.2849	.72767	2.9849
Stddev	.049	.00022	.00640	.035	.0390	.00141	.0056
%RSD	.35884	1.0298	3.7224	.14098	.90935	.19350	.18844

#1	13.579	.02102	.17644	24.648	4.2574	.72866	2.9809
#2	13.648	.02133	.16739	24.697	4.3125	.72667	2.9888

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20958	13.44	3.4122	F<.00000	41.938
Stddev	.00102	.01	.0164	1.1319	.871
%RSD	.48437	.0523	.48177	2.4118	2.0760

#1	.20886	13.44	3.4005	-46.131	41.323
#2	.21029	13.43	3.4238	-47.732	42.554

Sample Name: J5218-05 Acquired: 10/4/2018 14:13:52 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2981.0	66951.	5863.7	105.22	3411.3
Stddev	1.0	78.	45.1	1.58	4.8
%RSD	.03496	.11631	.76998	1.5027	.13990
#1	2980.3	66896.	5895.7	106.34	3407.9
#2	2981.8	67006.	5831.8	104.10	3414.6

Sample Name: J5218-05DUP Acquired: 10/4/2018 14:24:53 Type: Unk
Method: P4-ICP2(v2478) 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	.17612	-.01757	5.5876	-.02217	.00764	97.028	2.2963
Stddev	.00129	.00087	.0049	.00425	.00137	.235	.0023
%RSD	.73074	4.9688	.08715	19.158	17.967	.24217	.10113

#1	.17521	-.01819	5.5910	-.02518	.00861	96.862	2.2979
#2	.17703	-.01695	5.5841	-.01917	.00667	97.194	2.2946

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00828	.00802	971.67	.21769	.10702	2.0696	260.58
Stddev	.00019	.00029	1.61	.00010	.00009	.0038	2.22
%RSD	2.2498	3.6451	.16620	.04433	.08208	.18516	.85119

#1	.00815	.00823	972.82	.21776	.10695	2.0723	259.01
#2	.00841	.00781	970.53	.21763	.10708	2.0669	262.15

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.4048	38.401	.37954	-.00242	15.094	.32083	4.5236
Stddev	.0090	.107	.00002	.00048	.031	.00071	.0418
%RSD	.26359	.27938	.00632	20.031	.20590	.22124	.92297

#1	3.4111	38.325	.37952	-.00276	15.116	.32033	4.4941
#2	3.3984	38.477	.37956	-.00208	15.072	.32134	4.5531

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.519	.02144	.19300	24.569	4.1803	.71142	2.9475
Stddev	.002	.00026	.00474	.054	.0180	.00005	.0086
%RSD	.01123	1.2343	2.4550	.21888	.43161	.00730	.29325

#1	13.518	.02126	.18965	24.531	4.1931	.71139	2.9536
#2	13.520	.02163	.19636	24.607	4.1675	.71146	2.9413

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	.20741	13.33	3.3853	F<.00000	40.957		
Stddev	.00166	.02	.0087	1.3555	.662		
%RSD	.80104	.1602	.25703	2.9302	1.6156		

#1	.20858	13.31	3.3915	-47.218	41.425		
#2	.20623	13.34	3.3792	-45.301	40.489		

Sample Name: J5218-05DUP Acquired: 10/4/2018 14:24:53 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2999.8	68009.	6204.7	110.79	3500.0
Stddev	9.6	52.	10.4	.77	7.2
%RSD	.31919	.07614	.16804	.69626	.20537
#1	2993.1	67972.	6197.3	111.33	3494.9
#2	3006.6	68045.	6212.0	110.24	3505.1

Sample Name: J5218-05LX5 Acquired: 10/4/2018 14:28:48 Type: Unk
Method: P4-ICP2(v2478) 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	.03764	-.00591	1.1230	-.00467	-.00223	19.568	.49477
Stddev	.00170	.00104	.0056	.00293	.00035	.078	.00247
%RSD	4.5162	17.639	.49792	62.736	15.621	.39978	.49966

#1	.03884	-.00517	1.1270	-.00674	-.00198	19.512	.49302
#2	.03644	-.00664	1.1191	-.00260	-.00247	19.623	.49652

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00137	.00085	217.61	.05395	.02055	.47002	51.836
Stddev	.00014	.00014	.87	.00032	.00021	.00261	1.106
%RSD	9.8662	16.776	.40198	.59783	1.0206	.55438	2.1338

#1	.00147	.00075	216.99	.05418	.02069	.47186	52.618
#2	.00127	.00095	218.23	.05372	.02040	.46818	51.054

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.76021	8.6135	.07705	-.00171	3.2422	.06966	.92172
Stddev	.00166	.0351	.00015	.00073	.0190	.00064	.02533
%RSD	.21786	.40744	.19317	42.434	.58594	.91832	2.7481

#1	.75904	8.5887	.07695	-.00120	3.2557	.06921	.93963
#2	.76138	8.6384	.07716	-.00223	3.2288	.07011	.90381

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.8131	.00521	.03584	4.4322	.96104	.14011	.63842
Stddev	.0109	.00031	.00348	.0029	.00450	.00115	.00153
%RSD	.38778	5.8825	9.7208	.06450	.46821	.81932	.24008

#1	2.8208	.00542	.03831	4.4301	.95786	.14092	.63950
#2	2.8054	.00499	.03338	4.4342	.96423	.13930	.63733

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	.04368	2.479	.72776	F<.00000	18.591		
Stddev	.00048	.004	.00271	.02589	.342		
%RSD	1.0948	.1629	.37301	.49502	1.8385		

#1	.04402	2.476	.72584	-5.2117	18.833		
#2	.04334	2.482	.72968	-5.2483	18.350		

Sample Name: J5218-05LX5 Acquired: 10/4/2018 14:28:48 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2977.4	67391.	5742.8	116.96	4031.8
Stddev	14.0	190.	7.9	3.32	10.6
%RSD	.47107	.28191	.13780	2.8370	.26337
#1	2967.5	67257.	5737.2	114.61	4024.3
#2	2987.3	67526.	5748.4	119.30	4039.3

Sample Name: J5218-05MS Acquired: 10/4/2018 14:32:43 Type: Unk
Method: P4-ICP2(v2478) 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	.88841	1.8497	6.4139	1.7610	.72951	96.289	2.4387
Stddev	.00141	.0083	.0536	.0045	.00199	.432	.0186
%RSD	.15921	.44708	.83612	.25727	.27243	.44866	.76136

#1	.88741	1.8556	6.4518	1.7642	.73092	96.594	2.4519
#2	.88941	1.8439	6.3760	1.7578	.72811	95.983	2.4256

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19512	.19694	961.12	.55258	.29674	2.2275	256.10
Stddev	.00001	.00105	4.73	.00068	.00199	.0172	1.27
%RSD	.00429	.53163	.49191	.12309	.67093	.77077	.49583

#1	.19511	.19768	957.78	.55306	.29815	2.2397	257.00
#2	.19513	.19620	964.46	.55209	.29533	2.2154	255.21

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.5007	39.190	.84708	.06454	17.658	.57907	4.5734
Stddev	.0023	.135	.00394	.00000	.094	.00041	.0160
%RSD	.06601	.34370	.46548	.00033	.53089	.07049	.34940

#1	3.5023	39.285	.84987	.06454	17.724	.57936	4.5847
#2	3.4990	39.095	.84430	.06454	17.591	.57879	4.5621

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.738	.37301	.42856	24.062	5.3161	1.3867	3.1163
Stddev	.096	.00128	.02545	.216	.0307	.0048	.0032
%RSD	.42435	.34253	5.9394	.89798	.57797	.34753	.10106

#1	22.806	.37391	.44656	24.215	5.2944	1.3901	3.1141
#2	22.669	.37210	.41056	23.909	5.3378	1.3833	3.1185

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	.40956	19.09	3.5225	F<.00000	40.153		
Stddev	.00277	.21	.0226	.49530	.146		
%RSD	.67590	1.119	.64007	1.0392	.36353		

#1	.41152	19.24	3.5384	-48.013	40.256		
#2	.40760	18.93	3.5066	-47.313	40.050		

Sample Name: J5218-05MS Acquired: 10/4/2018 14:32:43 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2998.0	68173.	6139.5	110.84	3488.4
Stddev	21.5	143.	18.1	.47	36.8
%RSD	.71832	.20966	.29535	.42515	1.0555
#1	2982.8	68072.	6126.7	110.50	3462.3
#2	3013.2	68274.	6152.3	111.17	3514.4

Sample Name: J5218-05MSD Acquired: 10/4/2018 14:36:35 Type: Unk
Method: P4-ICP2(v2478) 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	.89943	1.8653	6.4144	1.7777	.74156	96.197	2.4354
Stddev	.00092	.0154	.0088	.0010	.00762	.058	.0125
%RSD	.10259	.82409	.13690	.05758	1.0270	.06056	.51382

#1	.89878	1.8545	6.4082	1.7769	.73618	96.156	2.4443
#2	.90008	1.8762	6.4206	1.7784	.74695	96.238	2.4266

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19755	.19886	956.62	.55899	.29991	2.2384	258.38
Stddev	.00101	.00088	9.14	.00127	.00093	.0121	2.33
%RSD	.51271	.44289	.95535	.22647	.31168	.54182	.89989

#1	.19827	.19824	963.08	.55988	.29925	2.2298	260.02
#2	.19683	.19949	950.16	.55809	.30057	2.2470	256.73

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.5031	39.099	.85297	.06555	17.705	.58571	4.6264
Stddev	.0046	.212	.00234	.00043	.079	.00148	.0622
%RSD	.12982	.54248	.27490	.65741	.44698	.25242	1.3445

#1	3.5064	39.249	.85131	.06586	17.761	.58675	4.6704
#2	3.4999	38.949	.85463	.06525	17.649	.58466	4.5825

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.801	.37848	.42986	23.947	5.2769	1.3998	3.1138
Stddev	.136	.00079	.01781	.018	.0493	.0036	.0051
%RSD	.59844	.20843	4.1421	.07429	.93451	.25703	.16241

#1	22.898	.37792	.41727	23.960	5.3117	1.3972	3.1173
#2	22.705	.37904	.44245	23.934	5.2420	1.4023	3.1102

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	.41171	19.02	3.5203	F<.00000	40.954		
Stddev	.00372	.01	.0126	1.8470	.061		
%RSD	.90378	.0282	.35736	3.8032	.14833		

#1	.41434	19.03	3.5292	-47.257	40.997		
#2	.40908	19.02	3.5114	-49.869	40.911		

Sample Name: J5218-05MSD Acquired: 10/4/2018 14:36:35 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2989.4	67874.	6135.2	109.37	3488.9
Stddev	4.3	235.	60.2	1.67	.4
%RSD	.14482	.34645	.98124	1.5266	.01097
#1	2992.4	67708.	6092.6	108.19	3489.1
#2	2986.3	68040.	6177.8	110.55	3488.6

Sample Name: J5218-05A Acquired: 10/4/2018 14:40:26 Type: Unk
Method: P4-ICP2(v2478) 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	.90756	1.8847	6.4370	1.7945	.74573	95.825	2.4415
Stddev	.00007	.0009	.0125	.0078	.00349	.449	.0114
%RSD	.00804	.04618	.19410	.43602	.46762	.46894	.46547

#1	.90762	1.8853	6.4458	1.7889	.74327	96.143	2.4334
#2	.90751	1.8841	6.4282	1.8000	.74820	95.507	2.4495

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19819	.20030	963.89	.55691	.30149	2.2429	261.24
Stddev	.00017	.00063	9.85	.00100	.00004	.0074	4.23
%RSD	.08676	.31653	1.0217	.18018	.01392	.33169	1.6195

#1	.19807	.19985	956.93	.55620	.30152	2.2376	264.23
#2	.19831	.20075	970.86	.55762	.30146	2.2481	258.25

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.5034	39.158	.85657	.06489	17.774	.58316	4.6711
Stddev	.0053	.189	.00040	.00041	.108	.00207	.0606
%RSD	.15259	.48296	.04658	.62923	.60840	.35568	1.2978

#1	3.5072	39.025	.85685	.06460	17.697	.58169	4.7140
#2	3.4996	39.292	.85629	.06518	17.850	.58463	4.6283

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.887	.38094	.44605	24.027	5.3351	1.4087	3.1181
Stddev	.101	.00245	.00379	.059	.1085	.0006	.0058
%RSD	.44327	.64314	.85002	.24444	2.0334	.04148	.18590

#1	22.815	.37921	.44873	24.068	5.2584	1.4091	3.1222
#2	22.958	.38267	.44337	23.985	5.4118	1.4083	3.1140

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.41183	19.16	3.5255	F<.00000	39.875
Stddev	.00083	.14	.0136	.79343	.696
%RSD	.20256	.7354	.38452	1.6600	1.7462

#1	.41124	19.26	3.5159	-47.236	40.368
#2	.41242	19.06	3.5351	-48.358	39.383

Sample Name: J5218-05A Acquired: 10/4/2018 14:40:26 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2979.2	68038.	6134.4	108.27	3476.7
Stddev	1.5	344.	35.9	1.45	11.3
%RSD	.04979	.50543	.58530	1.3367	.32537
#1	2978.1	67795.	6159.8	107.25	3468.7
#2	2980.2	68281.	6109.0	109.29	3484.7

Sample Name: J5187-15 Acquired: 10/4/2018 14:44:17 Type: Unk
Method: P4-ICP2(v2478) 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	.00270	-.00010	.00196	-.00222	-.00401	-.01823	.02265	.00011
Stddev	.00299	.00013	.00014	.00291	.00050	.01895	.00037	.00005
%RSD	110.58	135.95	7.3976	131.03	12.364	103.95	1.6403	45.166

#1	.00059	-.00019	.00206	-.00016	-.00436	-.03163	.02291	.00015
#2	.00482	-.00000	.00186	-.00428	-.00366	-.00483	.02239	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00015	64.508	-.00008	-.00054	.00127	-.01279	.01134	141.91
Stddev	.00003	.180	.00028	.00020	.00027	.00730	.00004	.44
%RSD	20.098	.27854	342.38	38.154	21.411	57.085	.38038	.31145

#1	-.00017	64.381	.00012	-.00068	.00146	-.01796	.01131	142.22
#2	-.00013	64.635	-.00028	-.00039	.00108	-.00763	.01137	141.60

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00252	-.00055	1062.9	.00065	.00099	46.291	.00155	.48046
Stddev	.00018	.00036	19.5	.00028	.00013	.448	.00027	.01222
%RSD	7.2323	64.939	1.8385	42.479	12.781	.96812	17.146	2.5436

#1	-.00265	-.00030	1076.8	.00085	.00108	45.974	.00136	.47182
#2	-.00239	-.00081	1049.1	.00046	.00090	46.608	.00174	.48910

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	107.10	.94675	-.03829	-.00120	.02332	.0849	.90577	6.5028
Stddev	.06	.02311	.00065	.00281	.00046	.0011	.00460	.4439
%RSD	.05826	2.4405	1.7062	233.37	1.9839	1.322	.50735	6.8258

#1	107.06	.93041	-.03875	.00078	.02300	.0841	.90252	6.1889
#2	107.15	.96309	-.03783	-.00319	.02365	.0857	.90902	6.8166

Elem	U_3859
Units	ppm
Avg	3.8973
Stddev	.0924
%RSD	2.3718

#1	3.9627
#2	3.8320

Sample Name: J5187-15 Acquired: 10/4/2018 14:44:17 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2719.6	59655.	5417.4	112.26	3607.5
Stddev	1.8	538.	29.4	1.01	5.2
%RSD	.06578	.90189	.54222	.89865	.14360
#1	2720.9	59275.	5438.2	111.55	3603.8
#2	2718.4	60036.	5396.7	112.97	3611.2

Sample Name: CCV04 Acquired: 10/4/2018 14:48:25 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7529 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0563	5.0932	4.9876	5.0808	5.1332	10.449	10.332
Stddev	.0072	.0050	.0081	.0015	.0014	.000	.059
%RSD	.14173	.09908	.16241	.02962	.02735	.00120	.57010

#1	5.0512	5.0968	4.9934	5.0798	5.1322	10.449	10.374
#2	5.0613	5.0896	4.9819	5.0819	5.1342	10.448	10.291

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25641	2.5119	25.668	1.0299	2.5141	1.2766	5.1386
Stddev	.00054	.0025	.249	.0025	.0024	.0009	.1311
%RSD	.21017	.09821	.97128	.24260	.09387	.06727	2.5509

#1	.25603	2.5137	25.845	1.0281	2.5158	1.2772	5.0459
#2	.25679	2.5102	25.492	1.0317	2.5125	1.2760	5.2313

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5758	25.010	2.5112	1.2825	25.548	2.5706	2.5604
Stddev	.0011	.058	.0036	.0042	.104	.0001	.0237
%RSD	.04196	.23239	.14356	.32653	.40654	.00444	.92515

#1	2.5750	25.051	2.5138	1.2796	25.621	2.5706	2.5437
#2	2.5766	24.969	2.5087	1.2855	25.475	2.5705	2.5772

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.816	5.1599	5.0413	4.9745	4.9416	5.0137	5.0916
Stddev	.214	.0085	.0157	.0187	.0688	.0026	.0176
%RSD	.83002	.16510	.31209	.37601	1.3931	.05217	.34541

#1	25.967	5.1539	5.0525	4.9877	4.9903	5.0155	5.1040
#2	25.664	5.1660	5.0302	4.9612	4.8930	5.0118	5.0791

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	5.0027	5.114	5.1292	F 1.6818	F 3.2567
Stddev	.0346	.009	.0205	.6943	.6378
%RSD	.69098	.1813	.39894	41.281	19.583

#1	5.0272	5.107	5.1437	1.1909	2.8058
#2	4.9783	5.120	5.1147	2.1727	3.7077

Sample Name: CCV04 Acquired: 10/4/2018 14:48:25 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7529 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2941.7	66379.	5559.1	113.16	4023.7
Stddev	3.6	152.	78.5	.77	15.0
%RSD	.12323	.22875	1.4122	.67725	.37383
#1	2939.1	66272.	5503.6	113.70	4013.1
#2	2944.2	66486.	5614.6	112.61	4034.4

Sample Name: CCB04 Acquired: 10/4/2018 14:52:10 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV13944 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00045	-.00070	.00064	-.00467	-.00092	.00855	.00048
Stddev	.00296	.00041	.00021	.00184	.00056	.00279	.00052
%RSD	657.25	58.490	32.041	39.431	60.886	32.630	108.37

#1	-.00164	-.00099	.00079	-.00337	-.00052	.00658	.00084
#2	.00255	-.00041	.00050	-.00597	-.00132	.01052	.00011

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	.00010	.01328	.00022	-.00014	-.00023	-.00714
Stddev	.00002	.00000	.00091	.00020	.00009	.00046	.00575
%RSD	73.837	2.4212	6.8858	90.144	63.283	199.41	80.434

#1	-.00001	.00009	.01264	.00036	-.00008	-.00056	-.01120
#2	-.00005	.00010	.01393	.00008	-.00020	.00010	-.00308

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00023	.02101	-.00006	-.00071	.08529	.00074	.00025
Stddev	.00003	.01022	.00012	.00117	.00253	.00046	.00002
%RSD	11.473	48.662	184.58	164.59	2.9674	62.550	6.0778

#1	.00021	.02824	.00002	-.00154	.08350	.00107	.00026
#2	.00025	.01378	-.00014	.00012	.08708	.00041	.00024

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.04472	.00090	.00091	-.00992	-.00368	.00035	.00262
Stddev	.01310	.00015	.00572	.00321	.00206	.00007	.00156
%RSD	29.302	17.090	629.37	32.418	55.847	21.322	59.580

#1	-.05399	.00080	-.00314	-.00764	-.00223	.00029	.00152
#2	-.03546	.00101	.00496	-.01219	-.00514	.00040	.00373

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	.00258	.0003	.00002	F<.00000	F .71284		
Stddev	.00070	.0013	.00001	.11784	.49946		
%RSD	27.293	398.0	22.524	21.511	70.067		

#1	.00308	.0013	.00002	-.46448	1.0660		
#2	.00208	-.0006	.00003	-.63113	.35966		

Sample Name: CCB04 Acquired: 10/4/2018 14:52:10 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV13944 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3100.8	70279.	5662.1	119.66	4500.3
Stddev	1.3	449.	45.3	.03	9.2
%RSD	.04281	.63890	.80034	.02104	.20447
#1	3101.7	69962.	5630.0	119.68	4506.8
#2	3099.9	70597.	5694.1	119.64	4493.8

Sample Name: J5214-05 Acquired: 10/4/2018 14:56:15 Type: Unk
Method: P4-ICP2(v2478) 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	-.00138	-.00175	.00893	-.00124	.00134	.05367	.05225	-.00003
Stddev	.00078	.00041	.00132	.00191	.00029	.01605	.00089	.00008
%RSD	56.779	23.745	14.772	154.01	21.296	29.901	1.6966	245.38

#1	-.00082	-.00204	.00987	-.00259	.00114	.06502	.05163	.00002
#2	-.00193	-.00145	.00800	.00011	.00155	.04232	.05288	-.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00077	12.135	.00013	.00263	.01345	3.0531	.44483	.88396
Stddev	.00004	.010	.00003	.00014	.00015	.0631	.00035	.01391
%RSD	5.5354	.08617	22.452	5.4093	1.1249	2.0659	.07957	1.5731

#1	.00080	12.143	.00015	.00273	.01334	3.0085	.44508	.87412
#2	.00074	12.128	.00011	.00253	.01355	3.0977	.44458	.89379

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01116	-.00074	17.035	-.00011	1.0830	1.3903	-.00007	.04149
Stddev	.00013	.00013	.032	.00012	.0156	.0276	.00015	.01089
%RSD	1.1819	18.270	.18770	108.12	1.4382	1.9849	201.46	26.252

#1	.01125	-.00083	17.057	-.00003	1.0720	1.3708	-.00018	.03379
#2	.01107	-.00064	17.012	-.00019	1.0940	1.4098	.00003	.04919

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5674	.86849	-.00084	.00049	.00084	.0057	.07331	.49980
Stddev	.0026	.00705	.00024	.00163	.00150	.0011	.00003	.89706
%RSD	.05732	.81141	28.601	334.29	178.23	20.03	.04106	179.48

#1	4.5692	.87347	-.00101	-.00067	.00190	.0065	.07333	1.1341
#2	4.5655	.86350	-.00067	.00164	-.00022	.0049	.07329	-.13451

Elem	U_3859
Units	ppm
Avg	1.9517
Stddev	.1974
%RSD	10.113

#1	2.0912
#2	1.8121

Sample Name: J5214-05 Acquired: 10/4/2018 14:56:15 Type: Unk
 Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3036.4	69215.	5712.9	121.01	4389.9
Stddev	8.5	183.	4.1	1.41	10.1
%RSD	.27835	.26415	.07214	1.1685	.23087
#1	3030.4	69086.	5710.0	122.01	4382.8
#2	3042.3	69345.	5715.8	120.01	4397.1

Sample Name: PB113500BL Acquired: 10/4/2018 15:00:14 Type: Unk
Method: P4-ICP2(v2478) 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	-.00169	-.00105	-.00632	-.00114	.01066	.00026
Stddev	.00094	.00149	.00087	.00278	.00141	.00797	.00030
%RSD	75.115	87.705	82.250	44.006	123.00	74.771	113.53

#1	-.00059	-.00064	-.00044	-.00435	-.00015	.01629	.00048
#2	-.00191	-.00274	-.00167	-.00829	-.00214	.00502	.00005

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.00005	.01467	.00011	-.00017	-.00008	-.00214
Stddev	.00004	.00002	.00761	.00002	.00024	.00064	.00937
%RSD	239.37	38.926	51.867	22.954	135.61	837.33	437.23

#1	.00001	.00006	.02004	.00009	-.00001	-.00053	.00448
#2	-.00004	.00003	.00929	.00012	-.00034	.00038	-.00877

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00016	.04141	-.00013	-.00026	.06914	.00063	.00010
Stddev	.00003	.00847	.00020	.00020	.00265	.00079	.00008
%RSD	16.137	20.464	152.87	74.161	3.8340	125.69	78.672

#1	.00014	.03542	.00001	-.00040	.07101	.00007	.00004
#2	.00018	.04740	-.00028	-.00013	.06726	.00119	.00016

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.04359	.00008	-.00549	-.00003	-.00185	-.00108	.00064
Stddev	.00692	.00029	.00632	.00630	.00262	.00037	.00131
%RSD	15.869	372.67	115.05	22720.	141.21	34.443	206.02

#1	-.03870	-.00013	-.00996	.00443	-.00370	-.00134	.00156
#2	-.04848	.00028	-.00102	-.00448	-.00000	-.00081	-.00029

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	-.00035	-.0016	.00001	F<.00000	F .25445		
Stddev	.00340	.0013	.00005	.34462	.71848		
%RSD	970.37	81.06	689.70	47.013	282.36		

#1	-.00275	-.0007	.00004	-.97671	.76249		
#2	.00205	-.0024	-.00003	-.48934	-.25359		

Sample Name: PB113500BL Acquired: 10/4/2018 15:00:14 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3087.6	70362.	5744.3	120.90	4460.4
Stddev	9.3	72.	52.4	3.42	24.5
%RSD	.30095	.10264	.91254	2.8305	.54922
#1	3094.1	70413.	5707.2	118.48	4477.7
#2	3081.0	70311.	5781.4	123.32	4443.1

Sample Name: PB113500BS Acquired: 10/4/2018 15:04:18 Type: Unk
Method: P4-ICP2(v2478) 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	.74969	1.9609	.93597	1.9139	.75948	1.9497	.20382	.19398
Stddev	.00033	.0038	.00494	.0040	.00216	.0147	.00022	.00102
%RSD	.04386	.19394	.52806	.20796	.28493	.75403	.10642	.52648

#1	.74946	1.9636	.93947	1.9111	.76101	1.9601	.20366	.19470
#2	.74993	1.9582	.93248	1.9167	.75795	1.9393	.20397	.19326

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18797	1.0335	.40419	.19011	.30445	2.9437	.20636	1.9845
Stddev	.00006	.0124	.00295	.00056	.00154	.0241	.00098	.0268
%RSD	.03299	1.1989	.72896	.29625	.50589	.81726	.47622	1.3528

#1	.18801	1.0247	.40627	.19051	.30336	2.9607	.20705	1.9655
#2	.18792	1.0422	.40210	.18971	.30554	2.9267	.20566	2.0035

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48133	.06960	3.1183	.29474	.20021	10.028	.39131	.28640
Stddev	.00153	.00079	.0160	.00132	.00235	.020	.00064	.00277
%RSD	.31824	1.1343	.51431	.44768	1.1732	.20411	.16286	.96769

#1	.48241	.07016	3.1070	.29568	.20187	10.043	.39086	.28835
#2	.48025	.06904	3.1297	.29381	.19855	10.014	.39176	.28444

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01415	.88967	.65241	.19507	.22411	5.293	.19559	<.00000
Stddev	.00092	.00650	.00044	.00376	.00218	.006	.00127	.19612
%RSD	6.4703	.73077	.06681	1.9252	.97480	.1206	.65179	31.525

#1	-.01480	.88508	.65272	.19241	.22565	5.297	.19649	-.76078
#2	-.01350	.89427	.65211	.19772	.22256	5.288	.19469	-.48343

Elem	U_3859
Units	ppm
Avg	1.4681
Stddev	.3569
%RSD	24.308

#1	1.7205
#2	1.2158

Sample Name: PB113500BS Acquired: 10/4/2018 15:04:18 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3064.2	69187.	5540.2	118.10	4402.1
Stddev	9.4	625.	16.3	1.61	20.0
%RSD	.30770	.90402	.29487	1.3605	.45471
#1	3057.6	68745.	5528.6	116.96	4388.0
#2	3070.9	69629.	5551.7	119.23	4416.3

Sample Name: J5214-01 Acquired: 10/4/2018 15:08:07 Type: Unk
Method: P4-ICP2(v2478) 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	.00633	-.00297	.01735	.01087	-.00210	2.5507	.04043	.00006
Stddev	.00096	.00203	.00065	.00505	.00080	.0148	.00005	.00004
%RSD	15.118	68.451	3.7369	46.406	37.959	.58129	.13249	63.014

#1	.00700	-.00440	.01781	.00731	-.00154	2.5402	.04039	.00003
#2	.00565	-.00153	.01689	.01444	-.00267	2.5612	.04047	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	77.286	.00977	.00158	.04667	1.8533	.03926	4.5852
Stddev	.00005	.129	.00019	.00022	.00064	.0027	.00007	.0224
%RSD	178.94	.16692	1.9695	13.720	1.3693	.14425	.17450	.48856

#1	-.00006	77.194	.00964	.00173	.04712	1.8514	.03931	4.5694
#2	.00001	77.377	.00991	.00142	.04621	1.8552	.03921	4.6011

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00478	.00035	65.946	.00966	.06140	15.597	.01603	.23743
Stddev	.00047	.00020	.083	.00027	.00077	.008	.00013	.01033
%RSD	9.8634	55.506	.12522	2.7946	1.2613	.05446	.81050	4.3520

#1	.00512	.00049	65.888	.00947	.06195	15.591	.01594	.23012
#2	.00445	.00021	66.004	.00985	.06086	15.603	.01612	.24474

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	59.840	7.0290	-.01493	.07984	.00502	.2194	.42067	3.8533
Stddev	.189	.0778	.00041	.00005	.00120	.0006	.00077	.2155
%RSD	.31615	1.1063	2.7292	.06106	23.900	.2569	.18330	5.5926

#1	59.706	7.0840	-.01465	.07980	.00417	.2198	.42012	3.7010
#2	59.974	6.9740	-.01522	.07987	.00587	.2190	.42122	4.0057

Elem	U_3859
Units	ppm
Avg	1.8222
Stddev	.6688
%RSD	36.703

#1	1.3493
#2	2.2951

Sample Name: J5214-01 Acquired: 10/4/2018 15:08:07 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2974.1	67621.	5684.3	118.00	4208.8
Stddev	6.2	50.	21.1	1.00	4.3
%RSD	.20928	.07420	.37206	.84395	.10133
#1	2969.7	67656.	5669.3	117.30	4211.9
#2	2978.5	67585.	5699.2	118.70	4205.8

Sample Name: J5214-01DUP Acquired: 10/4/2018 15:12:05 Type: Unk
Method: P4-ICP2(v2478) 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	.00625	-.00242	.01694	.01145	-.00204	2.4851	.03999	-.00000
Stddev	.00155	.00027	.00005	.00117	.00052	.0014	.00156	.00006
%RSD	24.784	11.089	.30619	10.234	25.749	.05685	3.9006	1768.7

#1	.00734	-.00261	.01697	.01228	-.00241	2.4841	.03889	-.00004
#2	.00515	-.00223	.01690	.01062	-.00167	2.4861	.04109	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	76.282	.00909	.00160	.04639	1.7791	.03881	4.4349
Stddev	.00006	1.563	.00046	.00008	.00001	.0585	.00027	.0038
%RSD	2935.2	2.0494	5.0847	4.9502	.02448	3.2858	.68625	.08670

#1	.00004	75.177	.00876	.00154	.04640	1.7377	.03863	4.4376
#2	-.00004	77.388	.00941	.00165	.04638	1.8204	.03900	4.4322

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00490	-.00022	65.053	.00957	.05971	15.390	.01618	.24296
Stddev	.00022	.00017	1.103	.00047	.00158	.317	.00009	.00288
%RSD	4.4499	75.675	1.6953	4.9450	2.6427	2.0626	.54221	1.1873

#1	.00474	-.00034	64.274	.00924	.05859	15.166	.01624	.24092
#2	.00505	-.00010	65.833	.00991	.06082	15.615	.01612	.24500

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	59.619	6.9269	-.01509	.07453	.00375	.2171	.41616	3.1151
Stddev	.018	.1471	.00065	.00074	.00143	.0004	.00681	.2497
%RSD	.02991	2.1231	4.2871	.98987	38.128	.1887	1.6367	8.0140

#1	59.607	6.8229	-.01463	.07401	.00274	.2168	.41135	2.9386
#2	59.632	7.0309	-.01555	.07505	.00476	.2174	.42098	3.2917

Elem	U_3859
Units	ppm
Avg	1.8411
Stddev	.4474
%RSD	24.297

#1	2.1575
#2	1.5248

Sample Name: J5214-01DUP Acquired: 10/4/2018 15:12:05 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2991.4	68168.	5771.1	121.44	4230.8
Stddev	8.5	132.	112.0	2.36	6.9
%RSD	.28279	.19308	1.9400	1.9473	.16363
#1	2985.4	68261.	5850.2	123.11	4225.9
#2	2997.3	68075.	5691.9	119.77	4235.7

Sample Name: J5214-01LX5 Acquired: 10/4/2018 15:16:04 Type: Unk
Method: P4-ICP2(v2478) 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	-.00028	-.00040	.00331	.00135	-.00317	.49585	.00868	-.00003
Stddev	.00151	.00069	.00032	.00328	.00172	.01623	.00009	.00000
%RSD	547.93	174.01	9.6916	243.10	54.074	3.2731	1.0896	.02329

#1	-.00135	-.00088	.00354	-.00097	-.00438	.48437	.00875	-.00003
#2	.00079	.00009	.00309	.00367	-.00196	.50733	.00862	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	16.085	.00230	.00019	.01003	.38727	.00876	.99602
Stddev	.00001	.007	.00019	.00005	.00055	.02304	.00000	.02905
%RSD	13.070	.04578	8.4617	25.406	5.5301	5.9493	.00459	2.9166

#1	.00012	16.090	.00244	.00016	.01043	.40356	.00876	1.0166
#2	.00010	16.080	.00216	.00023	.00964	.37098	.00876	.97548

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00193	-.00077	13.529	.00202	.01391	3.1681	.00322	.05148
Stddev	.00036	.00077	.036	.00009	.00020	.0302	.00018	.01017
%RSD	18.508	100.20	.26829	4.6983	1.4490	.95455	5.5647	19.760

#1	.00168	-.00022	13.504	.00195	.01405	3.1895	.00309	.05867
#2	.00218	-.00132	13.555	.00209	.01377	3.1468	.00334	.04428

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.141	1.5078	-.00367	.01704	.00154	.0444	.08677	.52597
Stddev	.006	.0062	.00064	.00264	.00081	.0009	.00029	.05305
%RSD	.05203	.41209	17.421	15.516	52.195	1.996	.32992	10.086

#1	12.136	1.5034	-.00321	.01891	.00211	.0438	.08656	.56348
#2	12.145	1.5122	-.00412	.01517	.00097	.0451	.08697	.48845

Elem	U_3859
Units	ppm
Avg	1.3288
Stddev	.2442
%RSD	18.380

#1	1.1561
#2	1.5015

Sample Name: J5214-01LX5 Acquired: 10/4/2018 15:16:04 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3090.7	69983.	5743.9	121.28	4465.8
Stddev	4.6	65.	1.0	1.37	3.5
%RSD	.14993	.09320	.01703	1.1293	.07943
#1	3094.0	70029.	5743.2	120.31	4468.3
#2	3087.4	69937.	5744.6	122.25	4463.3

Sample Name: J5214-01MS Acquired: 10/4/2018 15:20:05 Type: Unk
Method: P4-ICP2(v2478) 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	.80722	1.9556	.97528	1.9675	.81100	4.5331	.25165	.19998	.19389
Stddev	.00458	.0207	.01148	.0193	.00767	.0358	.00051	.00029	.00180
%RSD	.56728	1.0602	1.1774	.98306	.94588	.78953	.20359	.14616	.92754

#1	.80398	1.9409	.96716	1.9538	.80557	4.5078	.25202	.20019	.19262
#2	.81046	1.9702	.98340	1.9811	.81642	4.5584	.25129	.19978	.19516

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	77.629	.41984	.20182	.35236	4.8077	.24553	6.5983	.50235	.07119
Stddev	.041	.00042	.00269	.00341	.0219	.00001	.0611	.00529	.00021
%RSD	.05327	.09923	1.3341	.96859	.45597	.00237	.92647	1.0529	.28973

#1	77.658	.42014	.19991	.34995	4.8232	.24552	6.6415	.49861	.07133
#2	77.600	.41955	.20372	.35477	4.7922	.24553	6.5550	.50609	.07104

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	68.472	.32407	.25315	25.890	.44516	.53554	59.240	7.9502	.69000
Stddev	.168	.00016	.00306	.019	.00456	.00960	.184	.0115	.00730
%RSD	.24484	.04834	1.2106	.07367	1.0253	1.7930	.31023	.14399	1.0576

#1	68.591	.32396	.25098	25.903	.44193	.52875	59.370	7.9583	.68484
#2	68.354	.32418	.25532	25.876	.44838	.54233	59.110	7.9421	.69516

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.28560	.23464	6.044	.62009	3.2678	2.1982			
Stddev	.00374	.00272	.057	.00176	.9035	.0717			
%RSD	1.3110	1.1580	.9469	.28399	27.649	3.2642			

#1	.28295	.23656	6.004	.62133	3.9067	2.2490			
#2	.28825	.23272	6.085	.61884	2.6289	2.1475			

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306				
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S				
Avg	2978.6	68062.	5634.4	119.95	4179.8				
Stddev	6.9	25.	.1	.03	9.9				
%RSD	.23065	.03663	.00223	.02288	.23630				

#1	2973.7	68045.	5634.3	119.97	4172.9				
#2	2983.4	68080.	5634.5	119.93	4186.8				

Sample Name: J5214-01MSD Acquired: 10/4/2018 15:23:52 Type: Unk
Method: P4-ICP2(v2478) 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	.84663	2.0411	1.0189	2.0636	.85081	4.6768	.26125	.20984	.20323
Stddev	.00590	.0029	.0008	.0033	.00202	.0432	.00158	.00083	.00032
%RSD	.69633	.14424	.07320	.15896	.23790	.92315	.60578	.39542	.15563

#1	.85079	2.0390	1.0183	2.0659	.85224	4.7073	.26013	.21043	.20346
#2	.84246	2.0432	1.0194	2.0613	.84938	4.6462	.26237	.20926	.20301

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	77.381	.44234	.21141	.36811	4.9478	.25659	6.5772	.52614	.07427
Stddev	.666	.00309	.00030	.00249	.0182	.00064	.0896	.00014	.00026
%RSD	.86026	.69877	.14241	.67689	.36770	.24982	1.3617	.02628	.34472

#1	76.910	.44452	.21162	.36987	4.9607	.25705	6.5139	.52623	.07445
#2	77.852	.44015	.21119	.36635	4.9350	.25614	6.6405	.52604	.07409

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	68.452	.34006	.26021	26.265	.46631	.54202	59.171	7.8763	.71842
Stddev	.608	.00141	.00013	.290	.00007	.01175	.140	.0904	.00038
%RSD	.88759	.41360	.05137	1.1026	.01416	2.1684	.23649	1.1475	.05239

#1	68.022	.34106	.26031	26.060	.46635	.55033	59.270	7.8124	.71869
#2	68.881	.33907	.26012	26.469	.46626	.53371	59.072	7.9402	.71816

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.29856	.24548	6.338	.62751	3.1687	2.2587			
Stddev	.00235	.00096	.009	.00420	.1449	.0673			
%RSD	.78779	.39301	.1426	.66964	4.5740	2.9790			

#1	.30022	.24616	6.344	.62454	3.2712	2.2111			
#2	.29689	.24480	6.331	.63048	3.0662	2.3062			

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306				
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S				
Avg	2970.8	67856.	5685.4	120.94	4177.7				
Stddev	13.2	162.	57.3	.11	15.0				
%RSD	.44425	.23802	1.0070	.08984	.35863				

#1	2961.5	67742.	5725.9	120.86	4167.1				
#2	2980.1	67971.	5644.9	121.02	4188.3				

Sample Name: J5214-01A Acquired: 10/4/2018 15:27:39 Type: Unk
Method: P4-ICP2(v2478) 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	.85179	2.0358	1.0166	2.0709	.85495	4.6787	.26225	.21106	.20259
Stddev	.00045	.0004	.0006	.0089	.00145	.0244	.00018	.00063	.00047
%RSD	.05330	.02045	.05376	.42883	.16905	.52187	.06988	.30029	.23344

#1	.85147	2.0355	1.0162	2.0647	.85393	4.6614	.26212	.21061	.20226
#2	.85211	2.0361	1.0170	2.0772	.85597	4.6960	.26238	.21151	.20292

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	77.259	.44096	.21098	.36704	5.0432	.25676	6.6245	.52500	.07509
Stddev	.362	.00302	.00076	.00013	.0594	.00035	.0306	.00163	.00043
%RSD	.46913	.68411	.36097	.03673	1.1778	.13501	.46256	.31023	.57619

#1	77.516	.43883	.21044	.36713	5.0852	.25701	6.6462	.52385	.07540
#2	77.003	.44309	.21152	.36694	5.0012	.25652	6.6028	.52615	.07478

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	68.180	.34155	.26451	26.301	.46815	.57356	59.093	7.9340	.71954
Stddev	.434	.00125	.00463	.228	.00063	.01686	.294	.0324	.00038
%RSD	.63677	.36664	1.7489	.86677	.13472	2.9403	.49751	.40833	.05297

#1	68.487	.34243	.26778	26.462	.46771	.58549	58.885	7.9569	.71927
#2	67.873	.34066	.26124	26.140	.46860	.56164	59.301	7.9111	.71981

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.29594	.24730	6.309	.62597	2.9865	2.1991			
Stddev	.00115	.00094	.010	.00389	.0021	.0612			
%RSD	.38719	.38007	.1644	.62176	.06956	2.7849			

#1	.29513	.24664	6.302	.62873	2.9880	2.2424			
#2	.29675	.24797	6.317	.62322	2.9850	2.1558			

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306				
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S				
Avg	2974.1	67799.	5675.0	119.34	4201.3				
Stddev	3.0	152.	48.0	2.18	.1				
%RSD	.09932	.22366	.84616	1.8303	.00194				

#1	2972.0	67692.	5641.0	117.80	4201.4				
#2	2976.2	67906.	5708.9	120.89	4201.2				

Sample Name: J5214-04 Acquired: 10/4/2018 15:31:26 Type: Unk
Method: P4-ICP2(v2478) 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	.00913	-.00616	.40357	.00873	.00676	5.0357	.33571
Stddev	.00031	.00021	.00204	.00216	.00125	.1819	.00160
%RSD	3.3396	3.3583	.50526	24.725	18.487	3.6127	.47549

#1	.00892	-.00601	.40501	.00721	.00588	5.1643	.33459
#2	.00935	-.00630	.40213	.01026	.00765	4.9070	.33684

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00058	.00635	111.22	.00681	.02683	.24355	59.964
Stddev	.00006	.00021	.42	.00027	.00016	.00124	1.795
%RSD	9.9967	3.2613	.38180	4.0244	.61003	.50874	2.9926

#1	.00054	.00650	111.52	.00700	.02695	.24443	58.696
#2	.00062	.00620	110.92	.00661	.02671	.24267	61.233

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.9658	8.0150	.11107	-.00014	153.96	.01299	9.3489
Stddev	.1660	.0269	.00050	.00054	.89	.00001	.3061
%RSD	4.1856	.33561	.45137	375.95	.57842	.09931	3.2741

#1	4.0831	7.9960	.11071	-.00052	154.59	.01298	9.1324
#2	3.8484	8.0340	.11142	.00024	153.33	.01300	9.5653

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.298	.00020	.17731	41.072	12.017	.00632	.12518
Stddev	.015	.00029	.02013	.012	.023	.00080	.00047
%RSD	.11081	148.20	11.354	.02828	.19434	12.709	.37436

#1	13.309	.00040	.16307	41.080	12.033	.00575	.12485
#2	13.288	-.00001	.19154	41.064	12.000	.00689	.12551

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	.01016	.2885	.68403	F<.00000	20.881		
Stddev	.00075	.0036	.00505	1.5681	.375		
%RSD	7.4249	1.248	.73779	11.421	1.7963		

#1	.00963	.2910	.68760	-12.621	20.615		
#2	.01070	.2859	.68046	-14.838	21.146		

Sample Name: J5214-04 Acquired: 10/4/2018 15:31:26 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2889.8	67403.	5697.2	114.32	3955.0
Stddev	5.5	2565.	9.9	3.41	5.9
%RSD	.19131	3.8049	.17427	2.9787	.14811
#1	2885.9	65590.	5690.2	116.73	3950.8
#2	2893.7	69217.	5704.3	111.91	3959.1

Sample Name: CCV05 Acquired: 10/4/2018 15:35:23 Type: Unk
Method: P4-ICP2(v2478) 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	4.9789	5.0260	4.9414	5.0395	5.0754	10.511	10.268
Stddev	.1105	.1263	.1322	.1232	.1330	.025	.015
%RSD	2.2189	2.5139	2.6747	2.4445	2.6210	.23563	.14716

#1	4.9007	4.9367	4.8479	4.9524	4.9814	10.528	10.279
#2	5.0570	5.1153	5.0348	5.1266	5.1695	10.493	10.257

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25578	2.4856	25.439	1.0148	2.4973	1.2645	5.1363
Stddev	.00005	.0628	.076	.0000	.0650	.0312	.0877
%RSD	.01949	2.5266	.30016	.00228	2.6049	2.4683	1.7069

#1	.25575	2.4412	25.493	1.0149	2.4513	1.2424	5.0743
#2	.25582	2.5300	25.385	1.0148	2.5433	1.2866	5.1983

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5630	24.875	2.4932	1.2763	25.633	2.5582	2.5406
Stddev	.0026	.006	.0650	.0002	.051	.0006	.0214
%RSD	.10095	.02281	2.6060	.01461	.19809	.02268	.84246

#1	2.5611	24.879	2.4472	1.2764	25.669	2.5586	2.5255
#2	2.5648	24.871	2.5391	1.2761	25.597	2.5578	2.5557

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.608	5.1099	5.0034	4.9406	4.8651	4.9574	5.0421
Stddev	.107	.1281	.0235	.1195	.0019	.1202	.0023
%RSD	.41830	2.5062	.47027	2.4177	.03835	2.4250	.04588

#1	25.684	5.0193	5.0201	4.8562	4.8665	4.8724	5.0404
#2	25.532	5.2005	4.9868	5.0251	4.8638	5.0424	5.0437

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	4.8457	5.079	5.0955	F 1.3893	F 2.7276
Stddev	.0130	.115	.0069	.4040	.3558
%RSD	.26903	2.268	.13539	29.078	13.044

#1	4.8549	4.997	5.1003	1.6750	2.9792
#2	4.8365	5.160	5.0906	1.1037	2.4761

Sample Name: CCV05 Acquired: 10/4/2018 15:35:23 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3011.3	67701.	5723.8	115.54	4109.9
Stddev	62.4	5.	32.5	.47	85.2
%RSD	2.0725	.00699	.56710	.40649	2.0725
#1	3055.4	67698.	5700.8	115.88	4170.1
#2	2967.1	67705.	5746.7	115.21	4049.6

Sample Name: CCB05 Acquired: 10/4/2018 15:54:55 Type: Unk
Method: P4-ICP2(v2478) 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	-.00295	-.00139	-.00061	-.00592	-.00077	.00150	.00077
Stddev	.00598	.00115	.00041	.00439	.00030	.00034	.00033
%RSD	202.75	82.675	67.573	74.208	38.860	22.907	43.502

#1	-.00718	-.00220	-.00032	-.00903	-.00098	.00126	.00053
#2	.00128	-.00058	-.00090	-.00281	-.00056	.00175	.00100

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	.00007	.00445	.00026	-.00003	.00025	-.01291
Stddev	.00003	.00006	.01339	.00019	.00000	.00001	.01651
%RSD	62.435	91.481	300.76	71.912	5.7178	5.1410	127.87

#1	-.00008	.00002	.01392	.00013	-.00003	.00026	-.00124
#2	-.00003	.00011	-.00502	.00039	-.00003	.00024	-.02458

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00018	.01217	.00030	-.00042	.03092	.00062	.00004
Stddev	.00001	.06404	.00018	.00020	.00844	.00006	.00010
%RSD	2.8199	526.06	58.389	46.885	27.290	9.8954	221.67

#1	.00019	.05746	.00018	-.00056	.03688	.00058	-.00002
#2	.00018	-.03311	.00043	-.00028	.02495	.00066	.00011

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.06100	.00012	-.00059	F -.01096	.00004	-.00078	.00127
Stddev	.03686	.00001	.00004	.00173	.00031	.00062	.00117
%RSD	60.427	7.0266	7.1164	15.745	712.27	79.387	92.467

#1	-.03493	.00011	-.00062	-.00974	-.00018	-.00034	.00210
#2	-.08706	.00012	-.00056	-.01218	.00027	-.00122	.00044

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	.00063	-.0025	.00001	F<.00000	F .75464		
Stddev	.00089	.0026	.00008	.21491	.18520		
%RSD	141.39	104.5	595.59	17.166	24.542		

#1	.00000	-.0043	.00007	-1.1000	.62368		
#2	.00126	-.0006	-.00005	-1.4039	.88560		

Sample Name: CCB05 Acquired: 10/4/2018 15:54:55 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3134.5	71248.	5541.4	117.08	4539.7
Stddev	14.7	89.	189.4	5.21	5.9
%RSD	.46750	.12557	3.4186	4.4485	.12954
#1	3124.1	71185.	5675.4	120.77	4535.5
#2	3144.9	71312.	5407.5	113.40	4543.8

Sample Name: J5225-01 Acquired: 10/4/2018 15:59:00 Type: Unk
Method: P4-ICP2(v2478) 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	.00169	-.00111	-.00305	.00248	-.00463	.09729	.10716	.00003
Stddev	.00091	.00036	.00163	.00359	.00071	.00894	.00038	.00001
%RSD	53.790	32.115	53.478	144.77	15.351	9.1860	.35374	38.121

#1	.00233	-.00086	-.00190	.00502	-.00513	.09097	.10689	.00002
#2	.00105	-.00136	-.00420	-.00006	-.00413	.10361	.10743	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01337	58.050	.00078	.00179	.00638	.03470	.63091	10.548
Stddev	.00009	.143	.00004	.00039	.00046	.00954	.00162	.023
%RSD	.68323	.24568	4.8676	21.556	7.2283	27.494	.25599	.22076

#1	.01344	58.150	.00081	.00152	.00605	.02796	.63205	10.564
#2	.01331	57.949	.00075	.00207	.00671	.04145	.62977	10.531

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01199	-.00053	123.08	.00303	.60447	6.4632	.00057	.05613
Stddev	.00061	.00042	.61	.00010	.00940	.0124	.00004	.00035
%RSD	5.0979	78.929	.49231	3.1791	1.5552	.19206	6.7122	.61934

#1	.01156	-.00023	123.51	.00296	.61112	6.4545	.00055	.05637
#2	.01243	-.00082	122.65	.00310	.59782	6.4720	.00060	.05588

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.689	12.256	-.00499	.00360	.00333	.0371	.25904	3.6254
Stddev	.104	.064	.00009	.00085	.00139	.0014	.00179	.0413
%RSD	.70762	.51902	1.8529	23.499	41.830	3.675	.69092	1.1400

#1	14.762	12.301	-.00493	.00300	.00234	.0381	.26030	3.5962
#2	14.615	12.211	-.00506	.00420	.00431	.0361	.25777	3.6546

Elem	U_3859
Units	ppm
Avg	1.7122
Stddev	.1656
%RSD	9.6727

#1	1.5951
#2	1.8293

Sample Name: J5225-01 Acquired: 10/4/2018 15:59:00 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2978.5	67622.	5701.9	120.55	4177.7
Stddev	16.7	121.	19.2	1.95	26.2
%RSD	.56125	.17956	.33653	1.6209	.62816
#1	2966.7	67536.	5688.3	119.17	4159.1
#2	2990.3	67708.	5715.4	121.94	4196.3

Sample Name: J5225-02 Acquired: 10/4/2018 16:03:01 Type: Unk
Method: P4-ICP2(v2478) 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	.00026	-.00103	-.00294	.00024	-.00379	.01893	.05881	-.00008
Stddev	.00571	.00205	.00124	.00027	.00029	.00412	.00016	.00010
%RSD	2233.0	200.27	42.153	113.43	7.6600	21.744	.26964	132.36

#1	.00429	.00043	-.00382	.00043	-.00358	.01602	.05892	-.00000
#2	-.00378	-.00248	-.00206	.00005	-.00399	.02184	.05869	-.00015

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	38.025	.00148	-.00008	.00287	-.00430	.03117	4.4821
Stddev	.00003	.211	.00011	.00007	.00040	.00598	.00002	.0200
%RSD	24.315	.55368	7.3866	90.489	14.089	138.86	.05703	.44745

#1	.00009	37.877	.00140	-.00013	.00258	-.00008	.03115	4.4679
#2	.00012	38.174	.00155	-.00003	.00315	-.00853	.03118	4.4962

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00074	-.00050	76.202	.00038	.04199	8.4146	.00215	.20216
Stddev	.00009	.00068	.807	.00017	.00006	.0466	.00000	.01305
%RSD	12.496	134.39	1.0591	45.525	.14387	.55424	.07224	6.4570

#1	.00081	-.00003	75.631	.00026	.04203	8.3816	.00215	.19293
#2	.00068	-.00098	76.773	.00051	.04195	8.4476	.00216	.21139

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.5575	11.059	-.00223	.00209	.00117	.0033	.17491	3.0239
Stddev	.0303	.121	.00052	.00013	.00013	.0010	.00079	.1910
%RSD	.40116	1.0963	23.120	6.3586	10.716	30.77	.44908	6.3172

#1	7.5789	10.974	-.00260	.00219	.00126	.0040	.17435	2.8888
#2	7.5360	11.145	-.00187	.00200	.00108	.0026	.17546	3.1590

Elem	U_3859
Units	ppm
Avg	1.0568
Stddev	.2040
%RSD	19.304

#1	1.2010
#2	.91252

Sample Name: J5225-02 Acquired: 10/4/2018 16:03:01 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3012.1	68103.	5677.9	118.72	4282.8
Stddev	15.7	82.	64.9	.43	18.8
%RSD	.51964	.12097	1.1422	.36257	.43907
#1	3001.0	68044.	5723.8	118.42	4269.5
#2	3023.1	68161.	5632.1	119.02	4296.1

Sample Name: J5225-03 Acquired: 10/4/2018 16:07:03 Type: Unk
Method: P4-ICP2(v2478) 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	-.00032	-.00171	-.00218	.00148	-.00315	.01805	.05804	-.00002
Stddev	.00091	.00101	.00160	.00018	.00009	.00782	.00010	.00011
%RSD	286.27	58.970	73.280	12.101	2.9545	43.304	.16940	478.98

#1	.00033	-.00100	-.00330	.00161	-.00309	.02357	.05811	-.00010
#2	-.00096	-.00242	-.00105	.00135	-.00322	.01252	.05797	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	37.379	.00184	.00009	.00276	-.02316	.03149	4.3897
Stddev	.00001	.029	.00032	.00004	.00033	.00823	.00016	.0567
%RSD	12.783	.07744	17.350	46.787	11.915	35.545	.51491	1.2919

#1	.00012	37.359	.00162	.00006	.00253	-.02898	.03137	4.3496
#2	.00010	37.400	.00207	.00012	.00299	-.01734	.03160	4.4298

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00056	-.00038	74.717	-.00006	.03935	8.2312	.00243	.20657
Stddev	.00039	.00024	.115	.00012	.00008	.0476	.00017	.00448
%RSD	70.271	62.785	.15419	211.43	.19215	.57839	7.1048	2.1667

#1	.00084	-.00021	74.636	.00003	.03930	8.1975	.00231	.20341
#2	.00028	-.00055	74.799	-.00015	.03941	8.2648	.00255	.20974

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.3615	10.872	-.00229	.00108	.00110	.0028	.17154	2.5361
Stddev	.0592	.040	.00070	.00127	.00281	.0022	.00032	.3287
%RSD	.80471	.37076	30.447	117.59	256.58	76.79	.18449	12.960

#1	7.3197	10.901	-.00279	.00018	.00309	.0013	.17132	2.7685
#2	7.4034	10.844	-.00180	.00198	-.00089	.0043	.17176	2.3037

Elem	U_3859
Units	ppm
Avg	.94002
Stddev	.32998
%RSD	35.104

#1	1.1734
#2	.70669

Sample Name: J5225-03 Acquired: 10/4/2018 16:07:03 Type: Unk
 Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3023.4	68259.	5653.9	119.06	4310.0
Stddev	4.5	80.	6.2	.32	20.5
%RSD	.15015	.11691	.10924	.27175	.47471
#1	3026.6	68315.	5649.5	118.83	4324.5
#2	3020.2	68202.	5658.2	119.29	4295.6

Sample Name: J5225-04 Acquired: 10/4/2018 16:11:03 Type: Unk
Method: P4-ICP2(v2478) 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	.00158	-.00304	.00162	-.00153	-.00079	.05121	.49737	-.00014
Stddev	.00102	.00004	.00019	.00026	.00066	.00828	.00331	.00008
%RSD	64.338	1.3368	11.883	16.869	83.015	16.166	.66550	58.334

#1	.00086	-.00301	.00149	-.00171	-.00033	.04536	.49971	-.00020
#2	.00230	-.00307	.00176	-.00134	-.00126	.05707	.49503	-.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00121	241.48	.00629	.00136	.04583	6.6359	1.3472	42.024
Stddev	.00003	.66	.00022	.00023	.00053	.0125	.0036	.263
%RSD	2.4707	.27530	3.4941	17.182	1.1647	.18855	.26732	.62573

#1	.00123	241.95	.00614	.00120	.04620	6.6271	1.3446	41.839
#2	.00119	241.01	.00645	.00153	.04545	6.6448	1.3497	42.210

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05699	-.00076	533.07	.00007	.27721	44.797	.00695	1.5016
Stddev	.00001	.00035	1.23	.00023	.00007	.162	.00008	.0290
%RSD	.00949	46.957	.23145	342.80	.02472	.36207	1.1791	1.9317

#1	.05698	-.00101	533.94	.00023	.27717	44.911	.00690	1.4811
#2	.05699	-.00050	532.20	-.00010	.27726	44.682	.00701	1.5221

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.925	16.791	-.00521	-.00108	.01277	.0199	1.1923	9.6725
Stddev	.081	.078	.00037	.00051	.00128	.0021	.0052	.1457
%RSD	.35126	.46384	7.0992	47.535	10.007	10.44	.43671	1.5063

#1	22.982	16.847	-.00495	-.00144	.01368	.0184	1.1960	9.5695
#2	22.868	16.736	-.00547	-.00072	.01187	.0214	1.1887	9.7756

Elem	U_3859
Units	ppm
Avg	5.3027
Stddev	.3827
%RSD	7.2164

#1	5.5733
#2	5.0322

Sample Name: J5225-04 Acquired: 10/4/2018 16:11:03 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2736.5	61165.	5469.7	111.82	3698.3
Stddev	9.8	171.	25.1	.31	12.2
%RSD	.35883	.27886	.45830	.28038	.32914
#1	2729.5	61286.	5451.9	111.60	3689.7
#2	2743.4	61044.	5487.4	112.04	3706.9

Sample Name: J5244-04 Acquired: 10/4/2018 16:15:07 Type: Unk
Method: P4-ICP2(v2478) 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	-.00132	-.00214	-.00168	.00009	.00045	.03665	.36126	-.00007
Stddev	.00154	.00024	.00025	.00133	.00203	.00629	.00108	.00013
%RSD	117.01	11.420	14.823	1405.5	447.76	17.167	.30026	183.56

#1	-.00241	-.00231	-.00150	.00103	.00189	.03220	.36049	-.00016
#2	-.00023	-.00197	-.00186	-.00084	-.00098	.04110	.36203	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00014	6.9841	.00094	.00021	.03310	1.5500	.05884	.83892
Stddev	.00003	.0097	.00034	.00026	.00035	.0113	.00027	.03933
%RSD	19.634	.13856	36.435	122.33	1.0634	.72742	.46586	4.6887

#1	.00012	6.9910	.00118	.00003	.03285	1.5579	.05903	.86673
#2	.00015	6.9773	.00070	.00039	.03335	1.5420	.05864	.81110

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00238	-.00080	3.3586	.00079	.17290	3.2429	.00068	.01806
Stddev	.00051	.00073	.0053	.00021	.00161	.0011	.00018	.00791
%RSD	21.384	90.432	.15666	26.718	.93194	.03304	27.322	43.834

#1	.00274	-.00029	3.3549	.00093	.17404	3.2437	.00081	.01246
#2	.00202	-.00132	3.3624	.00064	.17176	3.2422	.00055	.02365

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.95680	.59991	.00184	.00250	.00957	.1773	.02362	.21359
Stddev	.00272	.00175	.00037	.00094	.00096	.0012	.00002	.10240
%RSD	.28474	.29185	19.922	37.574	10.061	.6857	.10055	47.942

#1	.95872	.59867	.00158	.00183	.01025	.1764	.02361	.14118
#2	.95487	.60114	.00210	.00316	.00889	.1782	.02364	.28600

Elem	U_3859
Units	ppm
Avg	1.0854
Stddev	.0375
%RSD	3.4519

#1	1.1119
#2	1.0589

Sample Name: J5244-04 Acquired: 10/4/2018 16:15:07 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3127.5	71971.	5741.8	122.48	4532.4
Stddev	19.3	272.	10.0	1.54	9.1
%RSD	.61613	.37813	.17454	1.2565	.20094
#1	3113.9	71779.	5748.9	121.39	4526.0
#2	3141.1	72164.	5734.8	123.57	4538.9

Sample Name: PB113501BL Acquired: 10/4/2018 16:23:15 Type: Unk
Method: P4-ICP2(v2478) 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	-.00093	-.00173	-.00131	-.00249	-.00248	-.00031	.00125
Stddev	.00301	.00064	.00118	.00134	.00080	.00659	.00003
%RSD	323.25	36.870	90.251	53.944	32.110	2140.6	2.3048

#1	.00120	-.00128	-.00047	-.00154	-.00304	.00435	.00127
#2	-.00306	-.00218	-.00214	-.00343	-.00192	-.00497	.00123

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	.00001	.00085	.00007	-.00017	-.00031	.00028
Stddev	.00004	.00002	.00314	.00004	.00004	.00052	.00281
%RSD	77.781	382.76	370.37	54.516	22.433	170.45	999.03

#1	-.00008	.00002	-.00137	.00004	-.00019	-.00067	.00227
#2	-.00002	-.00001	.00307	.00010	-.00014	.00006	-.00171

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00015	.04569	.00050	-.00075	.04443	.00038	-.00005
Stddev	.00001	.02561	.00052	.00024	.00807	.00042	.00000
%RSD	4.8714	56.068	102.87	31.678	18.167	109.03	1.0915

#1	.00015	.02757	.00014	-.00092	.03872	.00009	-.00005
#2	.00016	.06380	.00087	-.00059	.05014	.00068	-.00005

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01664	.00004	-.00531	-.00988	-.00225	-.00063	.00144
Stddev	.02132	.00001	.00232	.00109	.00261	.00028	.00019
%RSD	128.11	23.540	43.626	11.072	115.71	44.234	13.462

#1	-.03171	.00005	-.00695	-.00911	-.00041	-.00082	.00157
#2	-.00157	.00003	-.00367	-.01065	-.00410	-.00043	.00130

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00043	.0006	-.00002	F .08018	F .68539
Stddev	.00041	.0018	.00010	.16285	.29693
%RSD	94.032	283.5	426.06	203.11	43.323

#1	-.00015	.0019	-.00009	.19533	.89535
#2	-.00072	-.0006	.00005	-.03498	.47543

Sample Name: PB113501BL Acquired: 10/4/2018 16:23:15 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3141.6	71118.	5690.8	122.86	4557.7
Stddev	6.4	250.	26.3	2.63	13.5
%RSD	.20290	.35105	.46127	2.1443	.29511
#1	3137.1	71295.	5672.2	121.00	4548.2
#2	3146.2	70942.	5709.3	124.72	4567.2

Sample Name: PB113501BS Acquired: 10/4/2018 16:27:19 Type: Unk
Method: P4-ICP2(v2478) 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	.71660	1.8493	.90504	1.7785	.73264	1.9058	.20128
Stddev	.00055	.0140	.00789	.0060	.00128	.0073	.00060
%RSD	.07652	.75456	.87156	.33550	.17459	.38135	.29701

#1	.71621	1.8394	.89946	1.7743	.73174	1.9109	.20085
#2	.71699	1.8591	.91062	1.7828	.73355	1.9007	.20170

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17864	.17954	1.0106	.39241	.18731	.29226	2.9115
Stddev	.00015	.00083	.0156	.00084	.00070	.00055	.0013
%RSD	.08662	.46449	1.5451	.21452	.37468	.18706	.04614

#1	.17875	.17895	1.0216	.39182	.18681	.29187	2.9106
#2	.17853	.18013	.99952	.39301	.18780	.29265	2.9125

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20063	1.9331	.46658	.06610	3.0336	.29273	.19032
Stddev	.00037	.0117	.00179	.00036	.0002	.00003	.00071
%RSD	.18511	.60517	.38438	.54390	.00801	.01051	.37222

#1	.20037	1.9248	.46531	.06584	3.0338	.29270	.19082
#2	.20089	1.9414	.46784	.06635	3.0334	.29275	.18982

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.9301	.39498	.28163	F -.01756	.83415	.63052	.19376
Stddev	.0118	.00063	.00500	.00001	.01276	.00111	.00240
%RSD	.11907	.15895	1.7750	.07441	1.5292	.17601	1.2410

#1	9.9384	.39454	.27809	-.01755	.84317	.63130	.19546
#2	9.9217	.39543	.28516	-.01757	.82513	.62974	.19206

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	.21905	5.030	.19413	F<.00000	.66195		
Stddev	.00010	.015	.00209	.51184	.27917		
%RSD	.04417	.3024	1.0781	22.398	42.173		

#1	.21898	5.020	.19561	-2.6472	.85936		
#2	.21912	5.041	.19265	-1.9233	.46455		

Sample Name: PB113501BS Acquired: 10/4/2018 16:27:19 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3106.4	71279.	5750.4	121.02	4478.3
Stddev	17.6	255.	43.6	1.31	16.4
%RSD	.56661	.35772	.75773	1.0804	.36554
#1	3094.0	71099.	5719.6	120.09	4466.7
#2	3118.9	71459.	5781.2	121.94	4489.9

Sample Name: J5225-05 Acquired: 10/4/2018 16:31:09 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00290	-.00301	-.00203	.00315	-.00342	.06511	.14263	-.00003
Stddev	.00099	.00046	.00057	.00354	.00096	.01131	.00052	.00003
%RSD	34.128	15.206	27.844	112.25	28.084	17.373	.36428	102.86

#1	-.00360	-.00333	-.00243	.00566	-.00274	.05711	.14299	-.00006
#2	-.00220	-.00268	-.00163	.00065	-.00409	.07311	.14226	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01692	77.926	.00179	.00254	.00656	.01227	.85245	14.019
Stddev	.00002	.054	.00058	.00023	.00058	.00355	.00071	.076
%RSD	.12302	.06914	32.648	9.1612	8.8924	28.956	.08302	.54047

#1	.01693	77.888	.00137	.00238	.00614	.01478	.85295	13.966
#2	.01690	77.964	.00220	.00271	.00697	.00976	.85195	14.073

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01564	-.00080	164.38	.00351	.78819	8.7019	.00135	.08966
Stddev	.00004	.00021	.64	.00039	.00295	.0279	.00002	.00450
%RSD	.26533	26.529	.38667	10.988	.37452	.32028	1.1600	5.0243

#1	.01567	-.00065	163.93	.00378	.78610	8.7216	.00136	.09284
#2	.01561	-.00095	164.82	.00323	.79028	8.6822	.00134	.08647

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.191	16.132	-.00550	-.00074	.00283	.0323	.34890	5.0446
Stddev	.065	.025	.00101	.00034	.00048	.0013	.00151	.0419
%RSD	.33810	.15802	18.451	45.212	16.984	4.038	.43285	.83092

#1	19.237	16.150	-.00478	-.00050	.00317	.0332	.34784	5.0150
#2	19.146	16.114	-.00621	-.00098	.00249	.0314	.34997	5.0742

Elem	U_3859
Units	ppm
Avg	2.1155
Stddev	.6710
%RSD	31.719

#1	2.5900
#2	1.6410

Sample Name: J5225-05 Acquired: 10/4/2018 16:31:09 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2938.7	66229.	5584.7	117.31	4107.8
Stddev	10.0	88.	11.7	.29	17.6
%RSD	.33909	.13354	.20998	.24377	.42964
#1	2931.7	66167.	5576.5	117.51	4095.3
#2	2945.8	66292.	5593.0	117.11	4120.2

Sample Name: J5225-05DUP Acquired: 10/4/2018 16:35:09 Type: Unk
Method: P4-ICP2(v2478) 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	.00024	-.00219	-.00335	.00014	-.00491	.05722	.14391	-.00002
Stddev	.00436	.00039	.00026	.00130	.00123	.02092	.00071	.00001
%RSD	1838.6	17.934	7.7355	956.70	25.057	36.563	.49497	37.366

#1	.00332	-.00191	-.00317	-.00079	-.00404	.04242	.14441	-.00001
#2	-.00285	-.00247	-.00354	.00106	-.00578	.07201	.14340	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01684	78.262	.00080	.00237	.00671	-.00653	.85197	14.109
Stddev	.00007	.423	.00052	.00010	.00044	.00168	.00102	.110
%RSD	.42969	.54047	64.357	4.1331	6.5610	25.727	.11975	.77975

#1	.01689	78.562	.00116	.00230	.00703	-.00534	.85124	14.186
#2	.01679	77.963	.00044	.00244	.00640	-.00771	.85269	14.031

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01557	-.00042	165.11	.00363	.78463	8.7680	.00123	.07931
Stddev	.00016	.00017	.70	.00003	.02758	.0187	.00057	.01710
%RSD	1.0413	41.115	.42272	.91586	3.5144	.21310	45.956	21.566

#1	.01568	-.00055	165.61	.00361	.80413	8.7547	.00083	.09140
#2	.01545	-.00030	164.62	.00366	.76513	8.7812	.00163	.06721

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.038	16.193	-.00621	.00107	.00233	.0318	.35060	4.9997
Stddev	.049	.051	.00048	.00186	.00156	.0025	.00114	.2854
%RSD	.25860	.31796	7.7347	173.22	67.090	7.865	.32562	5.7094

#1	19.073	16.229	-.00588	-.00024	.00123	.0336	.35141	4.7978
#2	19.004	16.157	-.00655	.00239	.00344	.0300	.34980	5.2015

Elem	U_3859
Units	ppm
Avg	2.0190
Stddev	.9237
%RSD	45.753

#1	2.6722
#2	1.3658

Sample Name: J5225-05DUP Acquired: 10/4/2018 16:35:09 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2943.2	66507.	5578.7	117.62	4128.8
Stddev	.9	20.	29.3	4.41	19.3
%RSD	.02925	.03027	.52470	3.7506	.46810
#1	2943.8	66493.	5558.0	114.50	4115.1
#2	2942.6	66521.	5599.4	120.74	4142.5

Sample Name: J5225-05LX5 Acquired: 10/4/2018 16:39:09 Type: Unk
Method: P4-ICP2(v2478) 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	-.00273	-.00202	-.00210	-.00158	-.00219	.01215	.02841	.00002
Stddev	.00104	.00145	.00004	.00072	.00086	.00270	.00044	.00003
%RSD	38.071	71.572	1.8811	45.533	39.092	22.196	1.5373	147.87

#1	-.00346	-.00100	-.00208	-.00107	-.00159	.01405	.02872	-.00000
#2	-.00199	-.00304	-.00213	-.00209	-.00280	.01024	.02810	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00339	15.853	.00238	.00048	.00141	.00897	.17483	2.8968
Stddev	.00001	.018	.00007	.00016	.00014	.02318	.00044	.0051
%RSD	.32974	.11215	3.0090	32.358	9.5714	258.48	.24943	.17509

#1	.00340	15.866	.00243	.00059	.00132	.02536	.17514	2.8932
#2	.00338	15.840	.00233	.00037	.00151	-.00742	.17452	2.9004

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00440	-.00053	32.889	.00068	.16160	1.7104	.00049	.01756
Stddev	.00035	.00114	.159	.00032	.00068	.0263	.00029	.00545
%RSD	7.9261	213.44	.48466	47.320	.42050	1.5351	59.579	31.053

#1	.00415	-.00134	33.002	.00045	.16112	1.6918	.00029	.02142
#2	.00465	.00027	32.776	.00091	.16208	1.7289	.00070	.01371

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.7507	3.3587	-.00206	.00108	.00058	.0064	.07043	1.6374
Stddev	.0052	.0310	.00026	.00014	.00159	.0014	.00023	.1421
%RSD	.13977	.92175	12.457	12.726	272.47	21.18	.32320	8.6780

#1	3.7470	3.3806	-.00188	.00118	-.00054	.0073	.07059	1.7378
#2	3.7544	3.3368	-.00224	.00098	.00171	.0054	.07027	1.5369

Elem	U_3859
Units	ppm
Avg	.86305
Stddev	.29244
%RSD	33.884

#1	1.0698
#2	.65627

Sample Name: J5225-05LX5 Acquired: 10/4/2018 16:39:09 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3087.3	69806.	5747.2	121.66	4428.5
Stddev	2.8	68.	27.4	.16	14.3
%RSD	.09053	.09701	.47706	.12749	.32203
#1	3085.3	69758.	5727.8	121.77	4418.4
#2	3089.3	69854.	5766.6	121.55	4438.6

Sample Name: CCV06 Acquired: 10/4/2018 16:43:09 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0044	5.0445	4.9775	5.0743	5.0885	10.424	10.243
Stddev	.0157	.0136	.0073	.0097	.0035	.130	.061
%RSD	.31418	.27043	.14697	.19040	.06849	1.2487	.59916

#1	5.0155	5.0348	4.9723	5.0675	5.0910	10.332	10.287
#2	4.9933	5.0541	4.9827	5.0812	5.0860	10.516	10.200

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25384	2.5048	25.469	1.0149	2.5032	1.2660	5.0559
Stddev	.00071	.0047	.004	.0026	.0060	.0012	.0251
%RSD	.27800	.18710	.01571	.25712	.23867	.09687	.49675

#1	.25334	2.5015	25.466	1.0130	2.4990	1.2651	5.0381
#2	.25434	2.5082	25.472	1.0167	2.5074	1.2669	5.0736

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5437	24.776	2.5027	1.2707	25.563	2.5429	2.5134
Stddev	.0026	.050	.0057	.0002	.107	.0006	.0179
%RSD	.10210	.20287	.22817	.01411	.41689	.02200	.71356

#1	2.5418	24.741	2.4987	1.2706	25.639	2.5433	2.5007
#2	2.5455	24.812	2.5067	1.2708	25.488	2.5425	2.5261

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.534	5.1359	4.9977	4.9613	4.8889	4.9985	5.0398
Stddev	.141	.0079	.0156	.0028	.0213	.0150	.0078
%RSD	.55063	.15407	.31138	.05600	.43616	.30114	.15466

#1	25.634	5.1303	5.0087	4.9593	4.9040	4.9879	5.0453
#2	25.435	5.1415	4.9867	4.9633	4.8738	5.0092	5.0343

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	4.9858	5.115	5.0814	F 2.5426	F 2.9174		
Stddev	.0183	.006	.0352	.1233	.2535		
%RSD	.36789	.1087	.69257	4.8485	8.6896		

#1	4.9988	5.119	5.1063	2.4554	3.0966		
#2	4.9729	5.111	5.0565	2.6297	2.7381		

Sample Name: CCV06 Acquired: 10/4/2018 16:43:09 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3009.5	68013.	5715.6	117.04	4102.7
Stddev	10.2	43.	26.2	.33	11.1
%RSD	.34056	.06279	.45858	.28509	.27013
#1	3002.2	68043.	5697.1	117.28	4094.8
#2	3016.7	67983.	5734.1	116.81	4110.5

Sample Name: CCB06 Acquired: 10/4/2018 16:46:54 Type: Unk
Method: P4-ICP2(v2478) 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	.00085	-.00169	-.00097	-.00412	-.00093	-.00344	-.00034
Stddev	.00032	.00018	.00221	.00147	.00193	.00527	.00002
%RSD	37.899	10.719	227.34	35.619	208.11	153.11	6.9602

#1	.00063	-.00181	.00059	-.00308	-.00229	.00028	-.00036
#2	.00108	-.00156	-.00254	-.00516	.00044	-.00717	-.00032

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	.00005	-.00250	.00062	-.00006	-.00001	-.01278
Stddev	.00006	.00006	.01956	.00026	.00014	.00030	.01558
%RSD	119.96	126.38	780.83	41.467	239.23	3918.8	121.94

#1	-.00010	.00001	-.01633	.00080	-.00016	-.00022	-.02380
#2	-.00001	.00009	.01132	.00044	.00004	.00020	-.00176

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00014	-.00974	.00050	-.00030	.00675	.00054	.00002
Stddev	.00004	.04479	.00004	.00000	.00428	.00090	.00012
%RSD	31.041	459.70	8.6885	.85284	63.367	165.75	578.52

#1	.00011	.02193	.00053	-.00030	.00372	-.00009	.00010
#2	.00017	-.04141	.00047	-.00031	.00977	.00118	-.00006

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.03828	.00071	.00922	F -.01379	-.00242	-.00114	.00159
Stddev	.03286	.00014	.00133	.00071	.00051	.00006	.00053
%RSD	85.835	19.527	14.473	5.1239	20.871	5.3182	33.276

#1	-.01505	.00081	.00827	-.01329	-.00207	-.00110	.00196
#2	-.06151	.00061	.01016	-.01429	-.00278	-.00118	.00122

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	.00021	.0014	.00010	F<.00000	F .16981		
Stddev	.00015	.0035	.00007	.95935	.23099		
%RSD	73.820	250.3	71.998	78.632	136.03		

#1	.00010	.0038	.00015	-.54169	.00648		
#2	.00032	-.0011	.00005	-1.8984	.33314		

Sample Name: CCB06 Acquired: 10/4/2018 16:46:54 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3166.2	72186.	5874.4	124.17	4593.2
Stddev	2.9	365.	56.3	1.38	.7
%RSD	.09157	.50528	.95880	1.1105	.01522
#1	3164.1	71928.	5834.6	123.19	4593.7
#2	3168.2	72443.	5914.3	125.14	4592.7

Sample Name: J5225-05MS Acquired: 10/4/2018 16:51:00 Type: Unk
Method: P4-ICP2(v2478) 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	.83494	1.9828	.97412	2.0550	.83592	2.2540	.36112	.20948	.21687
Stddev	.00507	.0149	.00076	.0137	.00367	.0429	.00062	.00055	.00032
%RSD	.60683	.75063	.07769	.66644	.43961	1.9032	.17149	.26465	.14836

#1	.83853	1.9723	.97359	2.0453	.83332	2.2843	.36068	.20909	.21665
#2	.83136	1.9933	.97466	2.0647	.83852	2.2237	.36156	.20988	.21710

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	78.258	.42813	.20739	.31919	3.2061	1.0436	15.925	.52331	.07390
Stddev	.920	.00265	.00060	.00030	.0233	.0012	.203	.00138	.00045
%RSD	1.1760	.61921	.28994	.09428	.72562	.11817	1.2745	.26442	.60935

#1	77.607	.42625	.20697	.31898	3.2225	1.0427	15.781	.52233	.07421
#2	78.909	.43000	.20782	.31940	3.1896	1.0445	16.068	.52429	.07358

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	166.12	.33220	.98085	19.437	.44720	.40029	18.933	16.866	.71654
Stddev	.95	.00089	.00421	.132	.00099	.00575	.091	.125	.00442
%RSD	.57363	.26784	.42948	.67866	.22108	1.4365	.48287	.74127	.61649

#1	165.44	.33283	.97787	19.344	.44650	.39622	18.869	16.778	.71341
#2	166.79	.33157	.98383	19.530	.44790	.40435	18.998	16.955	.71966

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21822	.23913	6.131	.55651	3.8866	2.2991
Stddev	.00195	.00010	.036	.00176	1.4263	.5116
%RSD	.89328	.04122	.5944	.31698	36.698	22.254

#1	.21684	.23906	6.106	.55527	4.8952	1.9373
#2	.21960	.23920	6.157	.55776	2.8781	2.6609

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2931.4	66579.	5629.0	116.09	4105.9
Stddev	10.1	183.	64.8	.00	10.9
%RSD	.34501	.27551	1.1514	.00076	.26661

#1	2924.2	66709.	5674.8	116.09	4098.2
#2	2938.5	66450.	5583.2	116.09	4113.7

Sample Name: J5225-05MSD Acquired: 10/4/2018 16:54:49 Type: Unk
Method: P4-ICP2(v2478) 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	.83838	1.9834	.97869	2.0656	.83825	2.2492	.36098	.20947	.21759
Stddev	.00841	.0047	.00260	.0065	.00664	.0164	.00032	.00087	.00123
%RSD	1.0034	.23804	.26517	.31455	.79178	.73118	.08852	.41665	.56620

#1	.83243	1.9868	.98052	2.0610	.83356	2.2376	.36120	.21009	.21846
#2	.84433	1.9801	.97685	2.0702	.84294	2.2608	.36075	.20885	.21672

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	78.517	.43087	.20844	.32030	3.1573	1.0486	15.940	.52623	.07364
Stddev	.035	.00007	.00109	.00245	.0140	.0007	.101	.00128	.00002
%RSD	.04511	.01707	.52360	.76540	.44405	.06883	.63668	.24343	.03209

#1	78.542	.43092	.20921	.31857	3.1474	1.0491	15.868	.52713	.07365
#2	78.492	.43081	.20767	.32204	3.1672	1.0481	16.012	.52532	.07362

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	166.26	.33281	.97704	19.473	.44890	.41115	18.938	16.924	.72002
Stddev	.13	.00017	.00287	.085	.00145	.00691	.167	.137	.00673
%RSD	.07763	.05230	.29340	.43890	.32342	1.6816	.88112	.81000	.93505

#1	166.35	.33293	.97501	19.533	.44787	.40626	19.056	17.021	.72478
#2	166.17	.33269	.97907	19.412	.44993	.41604	18.820	16.827	.71526

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.21845	.24203	6.162	.55628	4.8330	2.1379			
Stddev	.00001	.00048	.037	.00095	.5843	.1642			
%RSD	.00511	.19720	.6015	.17124	12.091	7.6825			

#1	.21845	.24237	6.188	.55695	4.4198	2.2540			
#2	.21844	.24170	6.136	.55560	5.2462	2.0217			

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306				
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S				
Avg	2946.2	66614.	5598.1	116.80	4114.1				
Stddev	3.4	17.	43.1	.09	44.9				
%RSD	.11678	.02561	.76955	.07680	1.0919				

#1	2943.7	66626.	5567.7	116.73	4082.3				
#2	2948.6	66602.	5628.6	116.86	4145.9				

Sample Name: J5225-05A Acquired: 10/4/2018 16:58:37 Type: Unk
Method: P4-ICP2(v2478) 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	.83684	1.9814	.97763	2.0604	.83809	2.2368	.36341	.20850	.21747
Stddev	.00377	.0122	.00682	.0157	.00363	.0013	.00350	.00033	.00168
%RSD	.44995	.61488	.69724	.76260	.43265	.05700	.96278	.15999	.77027

#1	.83951	1.9900	.98245	2.0715	.84066	2.2377	.36094	.20827	.21866
#2	.83418	1.9728	.97281	2.0493	.83553	2.2359	.36589	.20874	.21629

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	79.022	.42903	.20817	.31962	3.2154	1.0449	16.100	.52549	.07331
Stddev	.491	.00228	.00202	.00303	.0242	.0033	.066	.00528	.00080
%RSD	.62144	.53208	.97137	.94896	.75096	.31235	.40710	1.0046	1.0866

#1	78.674	.42742	.20960	.32176	3.1984	1.0426	16.054	.52922	.07275
#2	79.369	.43065	.20674	.31748	3.2325	1.0472	16.146	.52175	.07387

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	167.26	.33149	.98678	19.668	.44957	.40142	18.958	16.950	.71941
Stddev	1.09	.00237	.00315	.157	.00307	.00219	.125	.098	.00464
%RSD	.64949	.71522	.31915	.79977	.68397	.54517	.65865	.57617	.64460

#1	166.50	.32981	.98456	19.557	.45174	.40296	19.046	16.881	.72269
#2	168.03	.33317	.98901	19.779	.44739	.39987	18.870	17.019	.71613

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.21938	.24183	6.146	.55849	4.3932	1.9185			
Stddev	.00179	.00348	.051	.00507	.3554	.4013			
%RSD	.81396	1.4381	.8347	.90851	8.0887	20.920			

#1	.21812	.23938	6.183	.55490	4.6444	2.2023			
#2	.22064	.24429	6.110	.56208	4.1419	1.6347			

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306				
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S				
Avg	2930.3	66595.	5557.0	115.39	4103.1				
Stddev	16.1	157.	26.8	.12	33.6				
%RSD	.54869	.23643	.48190	.10254	.81879				

#1	2918.9	66706.	5576.0	115.47	4079.4				
#2	2941.7	66483.	5538.1	115.30	4126.9				

Sample Name: J5225-06 Acquired: 10/4/2018 17:02:25 Type: Unk
Method: P4-ICP2(v2478) 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	-.00230	-.00169	-.00322	.00217	-.00301	.01544	.06532	-.00005
Stddev	.00047	.00100	.00088	.00309	.00250	.00229	.00066	.00004
%RSD	20.262	59.139	27.267	142.42	83.064	14.808	1.0173	83.874

#1	-.00197	-.00098	-.00385	-.00002	-.00478	.01705	.06485	-.00008
#2	-.00263	-.00239	-.00260	.00436	-.00124	.01382	.06579	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	41.627	.00238	-.00011	.00498	-.00591	.03561	4.9109
Stddev	.00004	.157	.00051	.00005	.00041	.01046	.00014	.0939
%RSD	72.338	.37704	21.326	47.075	8.2334	177.03	.40122	1.9124

#1	.00008	41.516	.00273	-.00014	.00469	-.01330	.03551	4.8444
#2	.00002	41.738	.00202	-.00007	.00527	.00149	.03571	4.9773

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00087	-.00050	82.657	.00046	.03846	9.1659	.00273	.22449
Stddev	.00038	.00019	.119	.00051	.00098	.0717	.00031	.00584
%RSD	43.390	37.582	.14375	111.70	2.5441	.78220	11.175	2.6001

#1	.00114	-.00063	82.741	.00082	.03777	9.1152	.00295	.22036
#2	.00060	-.00037	82.573	.00010	.03915	9.2166	.00252	.22862

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.2042	11.609	-.00255	-.00042	.00057	.0021	.19256	3.5790
Stddev	.0207	.021	.00059	.00002	.00166	.0005	.00014	.1936
%RSD	.25236	.17676	23.042	5.3693	293.26	24.04	.07287	5.4095

#1	8.1896	11.594	-.00213	-.00043	.00174	.0018	.19265	3.4421
#2	8.2189	11.623	-.00297	-.00040	-.00061	.0025	.19246	3.7159

Elem	U_3859
Units	ppm
Avg	1.3787
Stddev	.3339
%RSD	24.219

#1	1.1426
#2	1.6149

Sample Name: J5225-06 Acquired: 10/4/2018 17:02:25 Type: Unk
 Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3018.4	68538.	5708.5	120.38	4294.4
Stddev	11.9	1.	14.5	2.55	7.2
%RSD	.39583	.00080	.25399	2.1150	.16674
#1	3010.0	68539.	5718.7	122.18	4299.4
#2	3026.9	68538.	5698.2	118.58	4289.3

Sample Name: J5225-07 Acquired: 10/4/2018 17:06:28 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00058	-.00391	-.00296	.00184	-.00305	.03634	.06620	-.00003
Stddev	.00027	.00251	.00027	.00457	.00172	.01075	.00097	.00007
%RSD	46.162	64.186	8.9954	248.24	56.300	29.590	1.4713	229.18

#1	-.00039	-.00214	-.00315	-.00139	-.00426	.02874	.06551	.00002
#2	-.00076	-.00569	-.00277	.00508	-.00183	.04395	.06689	-.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	42.409	.00153	-.00010	.00287	-.01326	.03490	5.0074
Stddev	.00001	.162	.00051	.00026	.00013	.00524	.00023	.0319
%RSD	18.194	.38163	33.340	275.19	4.4725	39.526	.65720	.63658

#1	.00006	42.524	.00117	.00009	.00297	-.01697	.03474	4.9848
#2	.00008	42.295	.00189	-.00028	.00278	-.00955	.03506	5.0299

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00111	-.00071	84.746	.00014	.04855	9.3519	.00264	.21410
Stddev	.00021	.00052	.015	.00032	.00024	.0357	.00026	.00039
%RSD	18.910	73.309	.01727	228.43	.48935	.38129	9.7858	.18050

#1	.00126	-.00108	84.757	.00036	.04839	9.3771	.00246	.21382
#2	.00096	-.00034	84.736	-.00009	.04872	9.3266	.00282	.21437

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.4402	12.013	-.00304	.00123	-.00047	.0023	.19565	3.1682
Stddev	.0100	.152	.00059	.00075	.00077	.0011	.00102	.3911
%RSD	.11858	1.2677	19.410	60.930	164.37	46.75	.52332	12.345

#1	8.4473	12.121	-.00346	.00070	-.00101	.0030	.19637	2.8916
#2	8.4331	11.906	-.00262	.00176	.00008	.0015	.19493	3.4447

Elem	U_3859
Units	ppm
Avg	1.3045
Stddev	.4467
%RSD	34.244

#1	1.6204
#2	.98862

Sample Name: J5225-07 Acquired: 10/4/2018 17:06:28 Type: Unk
 Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3018.9	68400.	5703.3	120.27	4278.3
Stddev	7.1	300.	45.4	.59	1.7
%RSD	.23510	.43885	.79527	.49173	.03927
#1	3013.9	68612.	5671.3	120.69	4277.1
#2	3024.0	68188.	5735.4	119.85	4279.5

Sample Name: J5225-08 Acquired: 10/4/2018 17:10:28 Type: Unk
Method: P4-ICP2(v2478) 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	.00059	-.00289	-.00189	.00048	-.00254	-.00823	.47380	-.00006
Stddev	.00019	.00078	.00038	.00009	.00107	.01835	.00515	.00003
%RSD	31.455	27.072	19.896	19.846	42.328	222.98	1.0867	48.577

#1	.00046	-.00234	-.00215	.00054	-.00178	.00475	.47016	-.00004
#2	.00073	-.00345	-.00162	.00041	-.00329	-.02121	.47745	-.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00080	231.79	.00561	.00150	.03370	6.2192	1.2759	40.639
Stddev	.00001	2.65	.00001	.00012	.00051	.0166	.0018	.012
%RSD	.96313	1.1428	.17771	7.7636	1.5270	.26763	.14340	.03011

#1	.00079	229.91	.00562	.00141	.03333	6.2075	1.2746	40.631
#2	.00080	233.66	.00560	.00158	.03406	6.2310	1.2772	40.648

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05060	-.00120	514.69	.00090	.24681	43.377	.00678	1.4476
Stddev	.00041	.00008	3.94	.00042	.00094	.445	.00024	.0076
%RSD	.80719	6.4809	.76481	46.932	.38238	1.0261	3.5628	.52271

#1	.05089	-.00115	511.91	.00120	.24615	43.062	.00661	1.4530
#2	.05032	-.00126	517.47	.00060	.24748	43.692	.00696	1.4423

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.861	15.965	-.00657	-.00252	.01107	.0098	1.1454	7.9711
Stddev	.043	.100	.00030	.00014	.00112	.0008	.0110	.3411
%RSD	.19804	.62706	4.5224	5.4577	10.129	7.799	.95619	4.2795

#1	21.892	15.894	-.00636	-.00262	.01028	.0092	1.1377	8.2124
#2	21.830	16.035	-.00678	-.00242	.01187	.0103	1.1532	7.7299

Elem	U_3859
Units	ppm
Avg	5.3962
Stddev	.1063
%RSD	1.9697

#1	5.4714
#2	5.3211

Sample Name: J5225-08 Acquired: 10/4/2018 17:10:28 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2772.2	62547.	5558.5	114.07	3753.2
Stddev	9.3	67.	26.2	.29	18.0
%RSD	.33717	.10723	.47108	.25292	.47847
#1	2765.6	62499.	5577.0	113.87	3740.5
#2	2778.8	62594.	5539.9	114.28	3765.9

Sample Name: PB113499BL Acquired: 10/4/2018 17:14:34 Type: Unk
Method: P4-ICP2(v2478) 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	-.00089	-.00099	-.00145	-.00512	-.00352	-.00016	.00033
Stddev	.00244	.00006	.00060	.00016	.00184	.01510	.00018
%RSD	274.38	6.0649	41.672	3.1700	52.402	9217.7	53.940

#1	-.00262	-.00103	-.00102	-.00501	-.00483	-.01084	.00020
#2	.00084	-.00095	-.00187	-.00524	-.00222	.01051	.00046

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	-.00002	.00748	.00004	-.00032	.00017	-.00180
Stddev	.00002	.00006	.00111	.00033	.00015	.00002	.01879
%RSD	28.310	363.01	14.803	761.88	45.763	10.194	1044.1

#1	-.00008	-.00006	.00827	-.00019	-.00043	.00018	.01149
#2	-.00005	.00003	.00670	.00027	-.00022	.00015	-.01508

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00015	.04417	.00074	-.00084	.08594	.00010	-.00014
Stddev	.00003	.03993	.00005	.00011	.00406	.00027	.00012
%RSD	20.664	90.382	6.2288	13.407	4.7251	259.47	86.672

#1	.00013	.07241	.00078	-.00076	.08307	.00030	-.00023
#2	.00017	.01594	.00071	-.00092	.08881	-.00009	-.00005

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00024	-.00007	-.00048	F -.01472	-.00226	-.00119	.00115
Stddev	.00838	.00006	.00682	.00017	.00133	.00046	.00235
%RSD	3540.9	86.640	1410.5	1.1873	58.987	38.969	204.14

#1	-.00616	-.00003	.00434	-.01484	-.00320	-.00086	.00282
#2	.00569	-.00011	-.00530	-.01459	-.00132	-.00152	-.00051

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	-.00018	.0005	.00007	F<.00000	F .70761		
Stddev	.00077	.0020	.00007	.32095	.45320		
%RSD	427.06	417.4	95.221	69.693	64.048		

#1	.00036	.0019	.00013	-.23357	.38714		
#2	-.00072	-.0009	.00002	-.68747	1.0281		

Sample Name: PB113499BL Acquired: 10/4/2018 17:14:34 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3178.7	72172.	5754.2	121.15	4620.7
Stddev	4.0	200.	20.8	.52	1.7
%RSD	.12438	.27752	.36207	.43110	.03614
#1	3181.5	72030.	5739.4	120.78	4619.5
#2	3175.9	72313.	5768.9	121.52	4621.8

Sample Name: PB113499BS Acquired: 10/4/2018 17:18:38 Type: Unk
Method: P4-ICP2(v2478) 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	.72778	1.9077	.91670	1.8918	.74276	1.8829	.19789
Stddev	.00424	.0159	.00394	.0084	.00506	.0256	.00053
%RSD	.58269	.83562	.43002	.44590	.68113	1.3614	.26765

#1	.72478	1.8964	.91391	1.8858	.73919	1.8648	.19826
#2	.73077	1.9189	.91948	1.8977	.74634	1.9010	.19751

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18644	.18368	.98904	.38188	.18603	.29767	2.9070
Stddev	.00027	.00141	.00569	.00021	.00131	.00093	.0119
%RSD	.14472	.76706	.57483	.05534	.70231	.31294	.40979

#1	.18663	.18268	.99306	.38202	.18510	.29701	2.8986
#2	.18625	.18467	.98502	.38173	.18695	.29833	2.9154

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19824	1.9341	.46968	.06756	2.9942	.28448	.19522
Stddev	.00034	.0273	.00213	.00025	.0153	.00104	.00081
%RSD	.17387	1.4099	.45360	.36568	.51030	.36395	.41736

#1	.19799	1.9533	.46817	.06774	2.9833	.28521	.19580
#2	.19848	1.9148	.47118	.06739	3.0050	.28374	.19464

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.7846	.38465	.28770	F -.02203	.85353	.63695	.19087
Stddev	.0071	.00146	.00135	.00223	.01162	.00619	.00095
%RSD	.07263	.38042	.47056	10.134	1.3612	.97216	.49988

#1	9.7796	.38361	.28675	-.02046	.86174	.63257	.19154
#2	9.7896	.38568	.28866	-.02361	.84531	.64133	.19019

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	.21571	5.242	.18977	F<.00000	F 1.5945		
Stddev	.00002	.032	.00079	.35413	.1265		
%RSD	.00887	.6138	.41861	17.907	7.9329		

#1	.21570	5.219	.19033	-2.2280	1.6839		
#2	.21573	5.264	.18921	-1.7272	1.5050		

Sample Name: PB113499BS Acquired: 10/4/2018 17:18:38 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3128.8	71532.	5781.3	119.86	4490.3
Stddev	5.3	153.	30.6	1.16	2.9
%RSD	.16978	.21329	.52904	.97192	.06451
#1	3125.0	71425.	5759.7	119.04	4492.3
#2	3132.5	71640.	5802.9	120.68	4488.2

Sample Name: PB113504BL Acquired: 10/4/2018 17:22:29 Type: Unk
Method: P4-ICP2(v2478) 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	-.00118	-.00049	-.00224	-.00618	-.00133	.00414	.00021
Stddev	.00152	.00001	.00019	.00202	.00146	.01146	.00028
%RSD	129.29	2.3046	8.6932	32.666	109.42	276.80	138.19

#1	-.00010	-.00049	-.00210	-.00475	-.00030	.01224	.00041
#2	-.00225	-.00048	-.00238	-.00761	-.00236	-.00396	.00000

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	.00003	.01863	.00019	-.00026	-.00027	-.00145
Stddev	.00008	.00006	.00048	.00024	.00015	.00010	.01192
%RSD	190.41	197.61	2.5609	127.00	58.324	38.179	824.43

#1	-.00009	-.00001	.01896	.00002	-.00015	-.00020	-.00988
#2	.00001	.00008	.01829	.00036	-.00037	-.00035	.00698

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00014	.03969	.00065	-.00091	.02657	.00029	-.00010
Stddev	.00005	.00235	.00010	.00015	.00058	.00033	.00002
%RSD	37.084	5.9287	15.279	16.911	2.1859	113.98	17.211

#1	.00010	.04136	.00072	-.00102	.02616	.00052	-.00009
#2	.00018	.03803	.00058	-.00080	.02698	.00006	-.00011

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.02082	.00006	.00217	F -.01843	-.00211	-.00157	.00318
Stddev	.00828	.00002	.00787	.00043	.00122	.00002	.00158
%RSD	39.762	41.206	361.87	2.3184	57.880	1.3152	49.598

#1	-.01496	.00004	.00774	-.01813	-.00298	-.00155	.00429
#2	-.02667	.00007	-.00339	-.01873	-.00125	-.00158	.00206

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	-.00143	-.0015	.00009	F<.00000	F .66609		
Stddev	.00041	.0004	.00008	1.4502	.30083		
%RSD	28.874	25.13	98.817	130.40	45.164		

#1	-.00172	-.0017	.00014	-2.1375	.45337		
#2	-.00114	-.0012	.00003	-.08667	.87881		

Sample Name: PB113504BL Acquired: 10/4/2018 17:22:29 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3168.6	73868.	5860.0	122.33	4607.5
Stddev	11.9	2889.	23.8	1.03	6.5
%RSD	.37608	3.9103	.40577	.84120	.14152
#1	3160.2	75910.	5843.2	123.06	4602.9
#2	3177.1	71826.	5876.8	121.60	4612.1

Sample Name: PB113504BS Acquired: 10/4/2018 17:26:33 Type: Unk
Method: P4-ICP2(v2478) 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	.72096	1.8606	.90968	1.8045	.74115	1.9104	.20080
Stddev	.00199	.0106	.00714	.0138	.00011	.0089	.00060
%RSD	.27568	.56990	.78527	.76370	.01488	.46558	.29968

#1	.72236	1.8531	.90463	1.8143	.74123	1.9041	.20038
#2	.71955	1.8681	.91473	1.7948	.74107	1.9167	.20123

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17869	.18021	1.0274	.39685	.18710	.29351	2.9432
Stddev	.00038	.00087	.0047	.00022	.00065	.00008	.0708
%RSD	.21536	.48262	.45405	.05532	.34601	.02624	2.4051

#1	.17842	.17959	1.0307	.39670	.18664	.29346	2.9932
#2	.17896	.18082	1.0241	.39701	.18756	.29357	2.8931

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20050	1.9691	.46794	.06569	3.0155	.29364	.19928
Stddev	.00032	.0629	.00286	.00073	.0048	.00161	.00356
%RSD	.16023	3.1916	.61102	1.1068	.15916	.54694	1.7839

#1	.20027	1.9247	.46592	.06517	3.0121	.29250	.20180
#2	.20073	2.0135	.46996	.06620	3.0189	.29478	.19677

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.9449	.39820	.28867	F -.01766	.83909	.63756	.19515
Stddev	.0031	.00010	.00493	.00129	.00616	.00406	.00019
%RSD	.03080	.02459	1.7086	7.2921	.73469	.63739	.09492

#1	9.9471	.39813	.28518	-.01857	.84345	.63469	.19528
#2	9.9427	.39827	.29215	-.01675	.83473	.64043	.19502

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	.21739	5.088	.19418	F<.00000	.92559		
Stddev	.00054	.018	.00027	.41129	.19348		
%RSD	.24767	.3434	.13855	19.032	20.903		

#1	.21701	5.076	.19437	-1.8703	1.0624		
#2	.21777	5.101	.19399	-2.4519	.78878		

Sample Name: PB113504BS Acquired: 10/4/2018 17:26:33 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3142.1	72530.	5863.1	122.43	4534.8
Stddev	18.1	57.	15.0	2.96	3.6
%RSD	.57568	.07800	.25618	2.4174	.07994
#1	3129.4	72490.	5852.5	120.34	4532.3
#2	3154.9	72570.	5873.7	124.52	4537.4

Sample Name: CCV07 Acquired: 10/4/2018 17:30:23 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0198	5.0567	4.9847	5.1059	5.1192	10.418	10.089
Stddev	.0132	.0128	.0193	.0043	.0034	.182	.378
%RSD	.26349	.25379	.38681	.08358	.06712	1.7434	3.7489

#1	5.0292	5.0476	4.9710	5.1089	5.1168	10.290	9.8219
#2	5.0105	5.0657	4.9983	5.1029	5.1216	10.546	10.357

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25364	2.5096	24.794	1.0139	2.5107	1.2725	4.8823
Stddev	.00091	.0051	.874	.0031	.0050	.0005	.1659
%RSD	.35921	.20210	3.5252	.30481	.19914	.03885	3.3989

#1	.25429	2.5060	24.176	1.0161	2.5072	1.2729	4.7650
#2	.25300	2.5132	25.412	1.0118	2.5143	1.2722	4.9996

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5534	24.120	2.5104	1.2792	25.070	2.5562	2.4470
Stddev	.0004	.807	.0042	.0003	.905	.0003	.0432
%RSD	.01680	3.3455	.16718	.02556	3.6099	.00982	1.7639

#1	2.5531	23.550	2.5074	1.2790	24.430	2.5560	2.4165
#2	2.5537	24.691	2.5133	1.2795	25.709	2.5564	2.4775

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.232	5.1732	4.8903	4.9759	4.7929	5.0096	4.9250
Stddev	.801	.0045	.1590	.0064	.0720	.0157	.1931
%RSD	3.1742	.08750	3.2518	.12951	1.5014	.31364	3.9201

#1	24.666	5.1764	4.7779	4.9804	4.7420	4.9985	4.7884
#2	25.799	5.1700	5.0028	4.9713	4.8438	5.0207	5.0615

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	4.9096	5.146	4.9769	F 2.1877	F 3.3390
Stddev	.1830	.005	.1556	.2697	.3583
%RSD	3.7271	.0978	3.1267	12.329	10.732

#1	4.7803	5.143	4.8668	2.3784	3.0856
#2	5.0390	5.150	5.0869	1.9970	3.5924

Sample Name: CCV07 Acquired: 10/4/2018 17:30:23 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3023.7	68568.	5884.4	121.06	4123.6
Stddev	7.3	181.	137.8	1.96	1.4
%RSD	.24198	.26373	2.3425	1.6225	.03359
#1	3018.5	68696.	5981.8	122.45	4124.6
#2	3028.9	68440.	5786.9	119.67	4122.6

Sample Name: CCB07 Acquired: 10/4/2018 17:34:13 Type: Unk
Method: P4-ICP2(v2478) 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	-.00080	-.00195	-.00098	-.00393	.00038	.00945	-.00022
Stddev	.00140	.00093	.00021	.00175	.00131	.00056	.00045
%RSD	175.54	47.344	21.074	44.563	340.89	5.8833	207.31

#1	-.00179	-.00261	-.00083	-.00517	.00131	.00906	-.00053
#2	.00019	-.00130	-.00113	-.00269	-.00054	.00985	.00010

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.00006	.00550	.00007	.00001	-.00034	-.00135
Stddev	.00002	.00009	.00813	.00015	.00008	.00019	.00162
%RSD	264.25	164.75	147.79	215.29	1166.8	54.288	120.18

#1	.00002	-.00001	.01125	.00017	-.00005	-.00021	-.00250
#2	-.00001	.00012	-.00025	-.00004	.00007	-.00048	-.00020

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	.03088	.00062	-.00120	-.01143	.00018	-.00005
Stddev	.00008	.01231	.00011	.00082	.00706	.00002	.00002
%RSD	80.114	39.865	17.707	67.938	61.775	11.697	41.455

#1	.00004	.03958	.00055	-.00062	-.01642	.00020	-.00003
#2	.00015	.02217	.00070	-.00178	-.00644	.00017	-.00006

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.04121	.00088	.00887	F -.01766	-.00351	-.00093	.00213
Stddev	.03246	.00025	.00036	.00328	.00244	.00016	.00085
%RSD	78.759	28.323	4.0343	18.576	69.522	17.053	39.975

#1	-.01826	.00105	.00862	-.01998	-.00178	-.00082	.00153
#2	-.06417	.00070	.00913	-.01534	-.00523	-.00104	.00274

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	.00131	-.0016	.00006	F<.00000	F .45723		
Stddev	.00063	.0026	.00004	.15468	.66023		
%RSD	48.302	165.5	65.613	8.2414	144.40		

#1	.00175	.0003	.00003	-1.7675	.92408		
#2	.00086	-.0034	.00009	-1.9863	-.00962		

Sample Name: CCB07 Acquired: 10/4/2018 17:34:13 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3187.4	72562.	5862.3	124.63	4639.4
Stddev	4.6	249.	7.7	.65	4.6
%RSD	.14283	.34375	.13082	.52267	.09992
#1	3190.6	72385.	5856.9	124.17	4636.2
#2	3184.1	72738.	5867.7	125.09	4642.7

Sample Name: PB113504TB Acquired: 10/4/2018 17:38:18 Type: Unk
Method: P4-ICP2(v2478) 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	-.00089	-.00310	-.00145	-.00311	-.00191	.00198	.00008
Stddev	.00117	.00166	.00052	.00207	.00012	.01081	.00128
%RSD	131.23	53.508	36.099	66.403	6.0982	546.37	1594.9

#1	-.00171	-.00192	-.00108	-.00457	-.00199	.00962	.00099
#2	-.00006	-.00427	-.00182	-.00165	-.00183	-.00567	-.00083

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	-.00004	.03545	.00041	-.00046	-.00010	.00500
Stddev	.00004	.00002	.00652	.00002	.00039	.00004	.00880
%RSD	87.956	52.105	18.399	5.4668	83.941	40.387	176.06

#1	-.00008	-.00002	.04006	.00039	-.00074	-.00012	-.00122
#2	-.00002	-.00005	.03084	.00042	-.00019	-.00007	.01123

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.02854	.00055	-.00117	F 297.30	.00032	.00322
Stddev	.00007	.04252	.00006	.00037	.43	.00015	.00006
%RSD	112.60	148.98	11.366	31.776	.14527	47.167	1.9796

#1	.00012	-.00153	.00051	-.00090	297.60	.00021	.00317
#2	.00001	.05860	.00059	-.00143	296.99	.00042	.00326

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00402	.00029	.00123	-.01511	.00225	.00106	.00250
Stddev	.00140	.00004	.00587	.00161	.00105	.00078	.00088
%RSD	34.887	14.533	478.58	10.667	46.596	73.285	35.143

#1	.00303	.00026	.00538	-.01397	.00299	.00161	.00312
#2	.00501	.00032	-.00293	-.01624	.00151	.00051	.00188

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	-.00034	.0000	.00013	F .84855	F 2.0740		
Stddev	.00081	.0007	.00014	.30503	.3942		
%RSD	236.45	1693.	111.28	35.948	19.006		

#1	-.00092	.0005	.00003	1.0642	2.3528		
#2	.00023	-.0004	.00023	.63285	1.7953		

Sample Name: PB113504TB Acquired: 10/4/2018 17:38:18 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2996.8	67111.	5830.8	121.94	4122.4
Stddev	6.1	286.	7.5	2.09	12.1
%RSD	.20221	.42593	.12860	1.7137	.29432
#1	2992.5	66909.	5825.5	123.42	4131.0
#2	3001.1	67313.	5836.1	120.46	4113.8

Sample Name: PB113505BL Acquired: 10/4/2018 17:42:29 Type: Unk
Method: P4-ICP2(v2478) 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	-.00344	-.00033	-.00122	-.00317	-.00071	-.00839	-.00004
Stddev	.00234	.00027	.00027	.00226	.00159	.01297	.00028
%RSD	68.125	81.815	22.012	71.307	222.56	154.72	650.53

#1	-.00509	-.00014	-.00103	-.00477	-.00184	.00079	-.00024
#2	-.00178	-.00052	-.00140	-.00157	.00041	-.01756	.00016

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00004	.00742	.00019	-.00016	-.00029	.00214
Stddev	.00010	.00005	.00471	.00029	.00014	.00045	.00125
%RSD	321.78	133.77	63.438	153.67	86.575	157.27	58.442

#1	-.00004	.00000	.01076	.00039	-.00026	-.00060	.00126
#2	.00010	.00007	.00409	-.00002	-.00006	.00003	.00303

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.01719	.00067	-.00052	.02590	.00001	-.00007
Stddev	.00006	.03634	.00033	.00044	.00965	.00031	.00007
%RSD	101.12	211.46	49.288	86.196	37.279	4453.7	100.98

#1	.00002	-.00851	.00090	-.00020	.01907	-.00021	-.00002
#2	.00011	.04288	.00043	-.00083	.03272	.00022	-.00011

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.02904	.00007	.01090	F -.01839	-.00120	-.00126	.00124
Stddev	.00984	.00007	.01007	.00243	.00295	.00101	.00114
%RSD	33.897	100.31	92.465	13.229	246.39	79.858	92.355

#1	-.02208	.00013	.00377	-.02011	.00089	-.00197	.00205
#2	-.03600	.00002	.01802	-.01667	-.00328	-.00055	.00043

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	.00001	.0007	.00010	F<.00000	F .15927		
Stddev	.00044	.0000	.00012	.02380	.10148		
%RSD	3987.8	4.677	121.81	5.6611	63.716		

#1	-.00030	.0007	.00001	-.40361	.23103		
#2	.00033	.0007	.00018	-.43727	.08751		

Sample Name: PB113505BL Acquired: 10/4/2018 17:42:29 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3182.3	72741.	5856.6	124.37	4618.7
Stddev	6.0	509.	1.9	2.93	14.5
%RSD	.18932	.69930	.03320	2.3590	.31330
#1	3178.1	72381.	5855.2	122.30	4608.5
#2	3186.6	73100.	5858.0	126.45	4629.0

Sample Name: PB113505BS Acquired: 10/4/2018 17:46:35 Type: Unk
Method: P4-ICP2(v2478) 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	.71228	1.8501	.90503	1.7856	.73667	1.9140	.20171
Stddev	.00033	.0041	.00366	.0046	.00000	.0012	.00009
%RSD	.04672	.22003	.40399	.26031	.00030	.06175	.04559

#1	.71205	1.8472	.90761	1.7889	.73667	1.9149	.20177
#2	.71252	1.8530	.90244	1.7823	.73667	1.9132	.20164

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17724	.17890	1.0188	.39016	.18725	.29300	2.9014
Stddev	.00073	.00012	.0005	.00053	.00018	.00025	.0662
%RSD	.40982	.06859	.04626	.13603	.09875	.08422	2.2804

#1	.17775	.17899	1.0191	.38979	.18738	.29317	2.8547
#2	.17672	.17881	1.0184	.39054	.18712	.29282	2.9482

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20026	1.9553	.46745	.06513	3.0261	.29323	.18869
Stddev	.00037	.0179	.00034	.00040	.0075	.00087	.00493
%RSD	.18294	.91454	.07265	.61142	.24728	.29721	2.6104

#1	.20000	1.9427	.46769	.06485	3.0208	.29261	.18521
#2	.20052	1.9680	.46721	.06541	3.0314	.29384	.19218

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.9761	.39892	.27598	F -.02534	.83849	.63390	.19492
Stddev	.0092	.00086	.00431	.00046	.00204	.00093	.00096
%RSD	.09274	.21668	1.5620	1.8074	.24339	.14713	.49476

#1	9.9696	.39954	.27903	-.02502	.83705	.63456	.19424
#2	9.9826	.39831	.27293	-.02567	.83994	.63324	.19560

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	.21685	F 5.061	.19546	F<.00000	F 1.2509		
Stddev	.00021	.010	.00063	.37547	.1960		
%RSD	.09456	.1967	.32080	19.374	15.673		

#1	.21670	5.068	.19590	-2.2035	1.1122		
#2	.21699	5.053	.19502	-1.6725	1.3895		

Sample Name: PB113505BS Acquired: 10/4/2018 17:46:35 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3140.7	72814.	5843.2	123.43	4538.2
Stddev	11.8	132.	5.7	2.54	20.4
%RSD	.37430	.18136	.09727	2.0618	.44890
#1	3132.4	72907.	5847.2	125.23	4523.8
#2	3149.0	72720.	5839.2	121.63	4552.6

Sample Name: J5188-07 Acquired: 10/4/2018 17:50:26 Type: Unk
Method: P4-ICP2(v2478) 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	k 1.3366	k -.05422	k 36.111	kF -1.3387	^ *****	k 57.068	3.7990
Stddev	.0115	.00258	.281	.0702	-----	.195	.0514
%RSD	.86195	4.7617	.77914	5.2474	-----	.34135	1.3525

#1	k 1.3448	k -.05604	k 36.310	k -1.3883	^ -----	k 56.930	3.8353
#2	k 1.3285	k -.05239	k 35.912	k -1.2890	^ -----	k 57.206	3.7627

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	^ *****	k 135.39	kF 107.79	.91963	kF 3439.0	kF 1009.9
Stddev	.00036	-----	1.62	.87	.00509	84.1	.6
%RSD	470.41	-----	1.1973	.80475	.55391	2.4446	.06190

#1	-.00033	^ -----	k 136.53	k 107.17	.92323	k 3498.5	k 1009.4
#2	.00018	^ -----	k 134.24	k 108.40	.91603	k 3379.6	k 1010.3

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.5388	8.2753	F 800.85	k -.05883	431.69	k -.31337	kF 52.140
Stddev	.0149	.0722	6.19	.00164	7.10	.00153	.437
%RSD	.42194	.87205	.77284	2.7810	1.6444	.48943	.83833

#1	3.5283	8.3263	805.23	k -.05767	436.71	k -.31229	k 52.449
#2	3.5494	8.2243	796.47	k -.05998	426.67	k -.31446	k 51.831

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	266.27	1.0490	k 37.210	kF 425.86	k 1.6951	k 1.0127	.67139
Stddev	3.30	.0119	.219	4.36	.0340	.0100	.01224
%RSD	1.2382	1.1352	.58827	1.0237	2.0072	.98706	1.8234

#1	268.60	1.0574	k 37.365	k 428.94	k 1.7191	k 1.0198	.68005
#2	263.94	1.0406	k 37.055	k 422.77	k 1.6710	k 1.0056	.66273

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	.04446	k 19.45	1.4040	F<.00000	F 91.295		
Stddev	.00073	.20	.0191	.72477	.025		
%RSD	1.6427	1.028	1.3612	.38948	.02788		

#1	.04394	k 19.59	1.4176	-186.60	91.277		
#2	.04498	k 19.31	1.3905	-185.58	91.313		

Sample Name: J5188-07 Acquired: 10/4/2018 17:50:26 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	401.09	65436.	5684.8	83.799	3558.4
Stddev	9.33	85.	70.2	.088	42.3
%RSD	2.3272	.13060	1.2348	.10506	1.1880
#1	394.49	65496.	5635.2	83.737	3528.5
#2	407.69	65375.	5734.5	83.862	3588.3

Sample Name: J5199-01 Acquired: 10/4/2018 17:54:44 Type: Unk
Method: P4-ICP2(v2478) 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	.03955	-.03280	.41800	-.04035	.00480	200.02	.61392
Stddev	.00339	.00362	.00129	.00009	.00060	.83	.00286
%RSD	8.5819	11.024	.30928	.22235	12.515	.41514	.46519

#1	.03715	-.03536	.41709	-.04041	.00522	199.43	.61190
#2	.04195	-.03025	.41891	-.04028	.00437	200.61	.61594

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00526	-.00299	117.39	.26033	.15985	.52924	367.11
Stddev	.00003	.00006	.50	.00045	.00042	.00109	1.83
%RSD	.63361	1.8997	.42954	.17292	.26183	.20597	.49840

#1	.00528	-.00295	117.03	.26065	.16014	.53001	365.82
#2	.00524	-.00303	117.75	.26001	.15955	.52846	368.41

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.7872	51.873	.64624	-.00734	8.4565	.54382	.91195
Stddev	.0004	.078	.00030	.00062	.0514	.00021	.00626
%RSD	.00738	.15101	.04591	8.4233	.60719	.03876	.68688

#1	5.7875	51.818	.64603	-.00778	8.4202	.54368	.90752
#2	5.7869	51.928	.64645	-.00690	8.4928	.54397	.91638

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.4001	.00270	.22876	3.0559	9.5522	.01960	4.9224
Stddev	.0425	.00008	.00592	.0010	.0600	.00040	.0040
%RSD	.45171	3.0097	2.5873	.03245	.62795	2.0338	.08224

#1	9.3701	.00264	.22458	3.0552	9.5098	.01932	4.9196
#2	9.4301	.00275	.23295	3.0566	9.5946	.01988	4.9253

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	.18988	7.821	.53199	F<.00000	43.956		
Stddev	.00040	.027	.00268	.71973	.482		
%RSD	.21112	.3502	.50338	.61075	1.0960		

#1	.18960	7.802	.53010	-117.33	44.297		
#2	.19016	7.840	.53388	-118.35	43.616		

Sample Name: J5199-01 Acquired: 10/4/2018 17:54:44 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3418.1	77912.	6870.3	118.77	3891.1
Stddev	6.1	143.	27.7	.74	12.5
%RSD	.17893	.18400	.40257	.62298	.32212
#1	3413.8	78014.	6889.9	119.29	3882.2
#2	3422.4	77811.	6850.8	118.24	3900.0

Sample Name: J5204-01 Acquired: 10/4/2018 17:58:45 Type: Unk
Method: P4-ICP2(v2478) 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	.04875	-.04159	.62023	-.04453	.01009	232.07	1.1331
Stddev	.00465	.00159	.00295	.00499	.00111	.65	.0051
%RSD	9.5455	3.8336	.47600	11.209	11.017	.27969	.44683

#1	.04546	-.04046	.61814	-.04806	.01088	231.61	1.1367
#2	.05204	-.04272	.62232	-.04100	.00930	232.53	1.1295

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01005	-.00364	51.240	.34721	.28847	.63104	571.14
Stddev	.00020	.00129	.341	.00140	.00049	.01045	10.45
%RSD	2.0122	35.466	.66646	.40390	.16840	1.6566	1.8289

#1	.01020	-.00455	51.481	.34622	.28882	.62365	578.53
#2	.00991	-.00273	50.999	.34821	.28813	.63843	563.75

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.678	56.295	.48431	-.00352	8.7676	.94637	1.0481
Stddev	.013	.451	.00035	.00086	.0537	.00240	.0190
%RSD	.10721	.80031	.07250	24.319	.61187	.25401	1.8098

#1	11.669	56.613	.48456	-.00292	8.8055	.94807	1.0615
#2	11.687	55.976	.48406	-.00413	8.7296	.94467	1.0347

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.1714	.00443	.72598	5.3241	2.9119	.04656	5.2930
Stddev	.0667	.00006	.04698	.0028	.0682	.00100	.0256
%RSD	.81677	1.3506	6.4714	.05324	2.3434	2.1480	.48323

#1	8.2186	.00447	.75920	5.3261	2.9601	.04726	5.3111
#2	8.1242	.00439	.69276	5.3221	2.8636	.04585	5.2749

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.21457	8.647	.19697	F<.00000	57.948
Stddev	.00025	.016	.00193	.74658	.307
%RSD	.11854	.1833	.97796	.39448	.52978

#1	.21475	8.636	.19833	-189.78	57.731
#2	.21439	8.658	.19561	-188.73	58.165

Sample Name: J5204-01 Acquired: 10/4/2018 17:58:45 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3664.4	84252.	7467.4	117.81	3814.6
Stddev	6.8	109.	57.7	2.24	11.3
%RSD	.18524	.12924	.77318	1.9016	.29737
#1	3659.6	84175.	7426.6	116.22	3806.6
#2	3669.2	84329.	7508.2	119.39	3822.6

Sample Name: J5204-03 Acquired: 10/4/2018 18:02:47 Type: Unk
Method: P4-ICP2(v2478) 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	.03390	-.04491	.61728	-.01895	.00298	164.07	.77043
Stddev	.00185	.00028	.00043	.00195	.00064	.23	.00752
%RSD	5.4708	.61640	.07017	10.275	21.428	.14235	.97556

#1	.03521	-.04471	.61759	-.02033	.00253	164.23	.77575
#2	.03259	-.04510	.61697	-.01757	.00343	163.90	.76512

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00604	-.00207	60.353	.28925	.19039	.40959	361.05
Stddev	.00023	.00011	.374	.00078	.00002	.00010	1.04
%RSD	3.7335	5.1094	.61956	.26856	.01253	.02518	.28743

#1	.00588	-.00199	60.617	.28980	.19037	.40966	360.31
#2	.00620	-.00214	60.088	.28870	.19040	.40951	361.78

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2756	47.342	.29235	.00490	10.970	.52426	.87295
Stddev	.0015	.164	.00127	.00051	.088	.00002	.00611
%RSD	.02885	.34546	.43339	10.336	.80556	.00374	.70046

#1	5.2767	47.458	.29145	.00454	11.033	.52425	.86863
#2	5.2745	47.226	.29324	.00526	10.908	.52428	.87727

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.4869	.00276	.36580	3.8218	2.3947	.02734	4.4345
Stddev	.0564	.00001	.00399	.0029	.0056	.00006	.0419
%RSD	.87000	.36878	1.0896	.07466	.23550	.21005	.94499

#1	6.5268	.00276	.36298	3.8197	2.3907	.02729	4.4641
#2	6.4470	.00277	.36862	3.8238	2.3987	.02738	4.4048

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	.14117	7.167	.23687	F<.00000	41.298		
Stddev	.00007	.012	.00181	.55658	.624		
%RSD	.05004	.1705	.76584	.45710	1.5105		

#1	.14112	7.176	.23815	-122.16	41.739		
#2	.14122	7.159	.23559	-121.37	40.857		

Sample Name: J5204-03 Acquired: 10/4/2018 18:02:47 Type: Unk
 Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4487.5	102390.	9035.3	118.63	3908.5
Stddev	6.9	242.	5.4	.79	11.3
%RSD	.15304	.23679	.05952	.66289	.28914
#1	4482.7	102560.	9031.5	119.19	3900.5
#2	4492.4	102210.	9039.1	118.07	3916.4

Sample Name: J5206-01 Acquired: 10/4/2018 18:06:49 Type: Unk
Method: P4-ICP2(v2478) 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	.05670	-.00124	.16557	-.01382	.00120	82.865	.30926
Stddev	.00109	.00054	.00052	.00379	.00157	.326	.00109
%RSD	1.9240	43.611	.31602	27.436	131.74	.39384	.35288

#1	.05747	-.00162	.16594	-.01114	.00231	83.096	.31003
#2	.05593	-.00086	.16520	-.01650	.00008	82.634	.30849

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00373	-.00220	16.520	.24583	.01310	.10342	154.52
Stddev	.00009	.00021	.046	.00079	.00045	.00022	1.08
%RSD	2.2879	9.3337	.27667	.32266	3.4020	.20898	.69690

#1	.00367	-.00234	16.552	.24527	.01279	.10327	155.28
#2	.00380	-.00205	16.487	.24639	.01342	.10358	153.76

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.34951	11.852	.05089	-.00521	.45143	.21581	.30738
Stddev	.00034	.056	.00073	.00045	.00281	.00205	.00117
%RSD	.09730	.46863	1.4291	8.5844	.62269	.95164	.38031

#1	.34975	11.812	.05140	-.00489	.44944	.21436	.30821
#2	.34927	11.891	.05037	-.00553	.45341	.21726	.30656

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.502	.00251	.10666	2.4282	4.0898	.00883	.34536
Stddev	.056	.00016	.00160	.0082	.0602	.00088	.00598
%RSD	.44499	6.3259	1.5026	.33844	1.4725	9.9274	1.7307

#1	12.541	.00262	.10779	2.4341	4.1324	.00945	.34958
#2	12.462	.00240	.10553	2.4224	4.0472	.00821	.34113

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	.05657	4.577	.05510	F<.00000	27.171		
Stddev	.00007	.016	.00043	1.5420	.147		
%RSD	.12508	.3454	.78667	2.9588	.54124		

#1	.05652	4.589	.05540	-51.025	27.067		
#2	.05662	4.566	.05479	-53.205	27.274		

Sample Name: J5206-01 Acquired: 10/4/2018 18:06:49 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3231.1	73947.	6297.8	121.33	4287.0
Stddev	12.0	184.	20.2	.35	11.3
%RSD	.37116	.24823	.32036	.28693	.26330
#1	3222.6	73817.	6283.5	121.09	4279.0
#2	3239.6	74077.	6312.1	121.58	4295.0

Sample Name: J5219-01 Acquired: 10/4/2018 18:10:43 Type: Unk
Method: P4-ICP2(v2478) 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	.01263	-.00574	.00584	-.00924	-.00240	16.780	.02932
Stddev	.00233	.00088	.00112	.00312	.00093	.030	.00004
%RSD	18.438	15.257	19.103	33.789	38.644	.17679	.14511

#1	.01098	-.00512	.00505	-.00703	-.00306	16.759	.02935
#2	.01428	-.00636	.00663	-.01145	-.00175	16.801	.02929

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00020	-.00096	-.00282	.03585	.00182	.03773	47.044
Stddev	.00001	.00009	.00438	.00010	.00000	.00139	1.209
%RSD	4.4603	9.0756	155.29	.26836	.24178	3.6823	2.5699

#1	-.00019	-.00103	.00028	.03592	.00183	.03675	47.899
#2	-.00021	-.00090	-.00591	.03579	.00182	.03872	46.189

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06952	.16687	.02718	-.00016	.04204	.05485	.03110
Stddev	.00011	.01220	.00039	.00013	.00712	.00034	.00106
%RSD	.15299	7.3120	1.4344	81.687	16.933	.61685	3.4132

#1	.06945	.17550	.02690	-.00007	.04707	.05461	.03185
#2	.06960	.15824	.02745	-.00026	.03701	.05509	.03035

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2485	.01328	.01535	.26238	4.9053	.00120	.59405
Stddev	.0321	.00043	.00236	.00095	.0490	.00068	.00178
%RSD	2.5744	3.2341	15.358	.36043	.99853	56.593	.29978

#1	1.2712	.01298	.01701	.26172	4.9400	.00168	.59531
#2	1.2257	.01358	.01368	.26305	4.8707	.00072	.59279

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	-.00028	.2534	.00393	F<.00000	14.901		
Stddev	.00008	.0017	.00011	.02722	.264		
%RSD	30.501	.6709	2.7041	.15607	1.7706		

#1	-.00022	.2522	.00401	-17.459	15.087		
#2	-.00034	.2546	.00386	-17.421	14.714		

Sample Name: J5219-01 Acquired: 10/4/2018 18:10:43 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3246.3	74459.	6082.4	124.48	4561.4
Stddev	27.6	36.	42.9	4.27	34.7
%RSD	.84933	.04888	.70512	3.4327	.75982
#1	3265.8	74434.	6052.1	121.46	4585.9
#2	3226.8	74485.	6112.8	127.50	4536.9

Sample Name: J5222-01 Acquired: 10/4/2018 18:14:45 Type: Unk
Method: P4-ICP2(v2478) 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	.06602	-.00660	.12390	-.02211	-.00066	227.68	.92283
Stddev	.00113	.00078	.00253	.00006	.00005	.19	.00060
%RSD	1.7167	11.886	2.0382	.26239	8.1307	.08216	.06500

#1	.06682	-.00605	.12212	-.02215	-.00070	227.55	.92241
#2	.06521	-.00716	.12569	-.02207	-.00062	227.81	.92326

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00683	-.00328	29.091	.18220	.08860	.13569	215.23
Stddev	.00004	.00004	.042	.00011	.00032	.00084	1.22
%RSD	.61028	1.3110	.14328	.06054	.36594	.61915	.56832

#1	.00686	-.00331	29.120	.18212	.08883	.13510	216.09
#2	.00680	-.00325	29.061	.18228	.08837	.13629	214.36

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.6272	13.120	.17530	-.00116	1.8990	.33259	.48591
Stddev	.0020	.002	.00009	.00028	.0105	.00009	.00468
%RSD	.12083	.01247	.04921	23.921	.55372	.02566	.96334

#1	1.6258	13.119	.17536	-.00096	1.9064	.33265	.48922
#2	1.6285	13.121	.17524	-.00135	1.8916	.33253	.48260

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.9674	.00250	.14174	44.387	3.4645	-.00084	.90994
Stddev	.0070	.00056	.00443	.014	.0052	.00035	.00205
%RSD	.11692	22.562	3.1273	.03228	.14910	41.722	.22514

#1	5.9723	.00210	.13860	44.397	3.4682	-.00059	.91139
#2	5.9624	.00290	.14487	44.377	3.4608	-.00108	.90849

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	.08067	4.058	.12279	F<.00000	31.076		
Stddev	.00036	.009	.00021	1.4924	.154		
%RSD	.44778	.2277	.17044	2.0325	.49536		

#1	.08093	4.064	.12294	-72.369	30.968		
#2	.08041	4.051	.12264	-74.480	31.185		

Sample Name: J5222-01 Acquired: 10/4/2018 18:14:45 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4082.7	91955.	8054.4	120.26	4119.6
Stddev	6.6	134.	25.4	1.38	4.0
%RSD	.16091	.14618	.31594	1.1447	.09744
#1	4078.0	91860.	8036.4	119.28	4116.7
#2	4087.3	92050.	8072.4	121.23	4122.4

Sample Name: CCV08 Acquired: 10/4/2018 18:22:45 Type: Unk
Method: P4-ICP2(v2478) 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	4.9327	4.9371	4.8438	5.0195	4.9979	10.267	10.235
Stddev	.0079	.0262	.0167	.0187	.0112	.014	.023
%RSD	.15936	.53144	.34503	.37311	.22336	.13454	.22526

#1	4.9272	4.9185	4.8320	5.0063	4.9900	10.257	10.251
#2	4.9383	4.9556	4.8556	5.0328	5.0058	10.276	10.218

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24848	2.4452	25.018	.98713	2.4379	1.2434	4.9252
Stddev	.00021	.0091	.053	.00174	.0070	.0005	.0003
%RSD	.08426	.37327	.21066	.17675	.28884	.03811	.00694

#1	.24863	2.4388	24.981	.98589	2.4329	1.2431	4.9249
#2	.24833	2.4517	25.056	.98836	2.4429	1.2438	4.9254

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4980	24.076	2.4405	1.2472	25.425	2.4979	2.4897
Stddev	.0020	.018	.0073	.0021	.057	.0043	.0026
%RSD	.07882	.07584	.29824	.16580	.22376	.17232	.10341

#1	2.4994	24.089	2.4354	1.2487	25.466	2.5009	2.4915
#2	2.4966	24.063	2.4457	1.2457	25.385	2.4948	2.4879

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.941	5.0752	4.9235	4.8853	4.7994	4.8509	4.9102
Stddev	.006	.0079	.0058	.0232	.0230	.0222	.0089
%RSD	.02477	.15520	.11797	.47572	.47851	.45737	.18214

#1	25.945	5.0696	4.9276	4.8689	4.7831	4.8352	4.9039
#2	25.936	5.0807	4.9194	4.9017	4.8156	4.8666	4.9165

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	5.3130	5.025	4.9867	F 2.4702	F 3.1228
Stddev	.0069	.012	.0455	1.0666	.0088
%RSD	.12911	.2444	.91165	43.179	.28230

#1	5.3178	5.017	5.0189	3.2244	3.1290
#2	5.3081	5.034	4.9546	1.7160	3.1165

Sample Name: CCV08 Acquired: 10/4/2018 18:22:45 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3021.4	68395.	5684.1	116.34	4148.4
Stddev	3.2	274.	22.0	.29	9.0
%RSD	.10672	.40123	.38749	.25097	.21612
#1	3023.6	68201.	5668.5	116.14	4154.7
#2	3019.1	68589.	5699.7	116.55	4142.0

Sample Name: CCB08 Acquired: 10/4/2018 18:26:32 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00073	-.00063	.00029	-.00531	-.00202	.00555	-.00011
Stddev	.00151	.00063	.00104	.00133	.00004	.01565	.00112
%RSD	206.22	100.12	354.32	25.020	2.1015	282.06	1030.4

#1	-.00034	-.00018	.00103	-.00625	-.00199	.01661	-.00090
#2	.00180	-.00107	-.00044	-.00437	-.00205	-.00552	.00069

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	.00011	.01208	.00026	-.00008	.00027	-.00524
Stddev	.00007	.00006	.00514	.00036	.00015	.00031	.00585
%RSD	217.01	52.092	42.566	135.51	193.25	116.90	111.60

#1	-.00008	.00007	.01571	.00051	-.00018	.00005	-.00937
#2	.00002	.00015	.00844	.00001	.00003	.00048	-.00110

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00015	.03891	.00080	-.00107	-.00331	.00012	.00174
Stddev	.00003	.01764	.00026	.00029	.00007	.00010	.00002
%RSD	19.695	45.347	32.729	27.006	2.2454	85.561	1.1121

#1	.00013	.05138	.00062	-.00128	-.00336	.00005	.00175
#2	.00017	.02643	.00099	-.00087	-.00326	.00019	.00172

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05107	.00096	.00640	-.00684	-.00020	-.00052	.00070
Stddev	.01017	.00007	.00074	.00145	.00220	.00078	.00256
%RSD	19.907	7.7577	11.545	21.155	1082.6	150.01	368.67

#1	.04388	.00091	.00588	-.00786	.00135	-.00107	-.00112
#2	.05826	.00102	.00692	-.00582	-.00176	.00003	.00251

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00181	-.0012	.00015	F<.00000	F .56720
Stddev	.00022	.0008	.00004	.07736	.07606
%RSD	12.322	67.35	25.734	10.177	13.410

#1	.00197	-.0018	.00012	-.81484	.62098
#2	.00165	-.0006	.00017	-.70544	.51341

Sample Name: CCB08 Acquired: 10/4/2018 18:26:32 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3158.5	72157.	5790.8	122.14	4600.3
Stddev	1.0	220.	34.2	.38	2.2
%RSD	.03260	.30544	.59061	.31051	.04829
#1	3157.8	72001.	5815.0	121.87	4598.7
#2	3159.3	72313.	5766.6	122.41	4601.8

Sample Name: J5238-01 Acquired: 10/4/2018 18:30:37 Type: Unk
Method: P4-ICP2(v2478) 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	.09010	-.00999	2.0688	-.03072	.00983	126.98	4.1745
Stddev	.00168	.00327	.0011	.00370	.00267	.20	.0177
%RSD	1.8592	32.684	.05157	12.050	27.142	.15626	.42324

#1	.09128	-.01230	2.0695	-.02811	.00794	126.84	4.1620
#2	.08891	-.00768	2.0680	-.03334	.01171	127.12	4.1870

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00884	.05665	50.832	.95592	.11593	2.5053	399.28
Stddev	.00011	.00127	.108	.00130	.00002	.0087	9.70
%RSD	1.2358	2.2422	.21211	.13587	.01729	.34737	2.4284

#1	.00876	.05755	50.756	.95500	.11591	2.5115	392.42
#2	.00891	.05575	50.908	.95684	.11594	2.4992	406.14

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.5479	34.277	.25145	-.00373	.76037	.45916	9.8174
Stddev	.0262	.236	.00062	.00141	.00044	.00176	.2463
%RSD	.30653	.68841	.24521	37.711	.05769	.38234	2.5089

#1	8.5664	34.110	.25102	-.00473	.76068	.45792	9.6433
#2	8.5294	34.443	.25189	-.00274	.76006	.46040	9.9916

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.910	.00898	.19672	9.3565	4.5912	.03687	1.1403
Stddev	.037	.00031	.00051	.0272	.0404	.00041	.0027
%RSD	.30945	3.4353	.25689	.29089	.87908	1.1193	.23943

#1	11.884	.00877	.19636	9.3758	4.6198	.03716	1.1422
#2	11.937	.00920	.19708	9.3373	4.5627	.03658	1.1383

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.15451	25.60	.20704	F<.00000	46.423
Stddev	.00160	.03	.00022	.17217	.945
%RSD	1.0329	.1303	.10554	.12855	2.0366

#1	.15338	25.63	.20719	-133.81	45.755
#2	.15564	25.58	.20688	-134.05	47.092

Sample Name: J5238-01 Acquired: 10/4/2018 18:30:37 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3355.9	77862.	6681.8	119.48	4022.0
Stddev	9.6	202.	10.7	2.72	10.3
%RSD	.28619	.25899	.15948	2.2791	.25665
#1	3349.1	77720.	6689.4	121.41	4014.7
#2	3362.7	78005.	6674.3	117.56	4029.3

Sample Name: J5242-01 Acquired: 10/4/2018 18:34:39 Type: Unk
Method: P4-ICP2(v2478) 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	.01225	-.00641	.00545	-.01065	-.00032	15.575	.02812
Stddev	.00033	.00062	.00138	.00519	.00035	.033	.00009
%RSD	2.7299	9.6059	25.344	48.741	110.53	.21362	.32128

#1	.01249	-.00684	.00642	-.01432	-.00057	15.552	.02819
#2	.01202	-.00597	.00447	-.00698	-.00007	15.599	.02806

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00026	-.00096	-.00682	.04007	.00279	.02960	46.598
Stddev	.00014	.00000	.00679	.00105	.00003	.00032	.082
%RSD	54.039	.27877	99.509	2.6246	.96829	1.0671	.17580

#1	-.00016	-.00096	-.00202	.04081	.00281	.02982	46.540
#2	-.00036	-.00096	-.01162	.03932	.00277	.02938	46.656

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08666	.10935	.00758	-.00045	.03238	.05529	.02891
Stddev	.00010	.02841	.00022	.00053	.00090	.00011	.00010
%RSD	.11440	25.984	2.9605	119.46	2.7907	.19636	.33499

#1	.08673	.12944	.00774	-.00007	.03302	.05521	.02898
#2	.08659	.08926	.00742	-.00082	.03174	.05537	.02884

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1214	.01330	.00648	.25216	4.2739	.00081	.56250
Stddev	.0228	.00005	.01427	.00452	.0011	.00078	.00051
%RSD	2.0338	.39730	220.13	1.7932	.02642	96.245	.09104

#1	1.1053	.01334	.01657	.24896	4.2731	.00135	.56286
#2	1.1376	.01327	-.00361	.25536	4.2747	.00026	.56214

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	.00055	.2673	.00285	F<.00000	15.311		
Stddev	.00015	.0010	.00008	.42813	.000		
%RSD	26.765	.3629	2.6437	2.6013	.00251		

#1	.00065	.2679	.00290	-16.761	15.310		
#2	.00044	.2666	.00279	-16.156	15.311		

Sample Name: J5242-01 Acquired: 10/4/2018 18:34:39 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3259.5	74806.	6139.7	124.81	4578.3
Stddev	8.8	127.	36.8	.41	11.6
%RSD	.27051	.17029	.59930	.32833	.25381
#1	3253.3	74716.	6165.8	124.52	4570.0
#2	3265.7	74896.	6113.7	125.10	4586.5

Sample Name: J5242-01DUP Acquired: 10/4/2018 18:38:42 Type: Unk
Method: P4-ICP2(v2478) 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	.01364	-.00486	.00554	-.00767	-.00187	15.643	.02829
Stddev	.00065	.00126	.00027	.00327	.00186	.035	.00028
%RSD	4.7768	25.896	4.8351	42.613	99.651	.22241	.99816

#1	.01318	-.00397	.00535	-.00998	-.00055	15.618	.02849
#2	.01410	-.00576	.00573	-.00536	-.00318	15.668	.02809

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00034	-.00105	-.00689	.04098	.00264	.02930	46.884
Stddev	.00002	.00002	.00614	.00027	.00002	.00039	.326
%RSD	6.9492	2.1461	89.147	.64768	.74794	1.3213	.69471

#1	-.00032	-.00106	-.00255	.04079	.00265	.02957	47.115
#2	-.00036	-.00103	-.01124	.04116	.00262	.02902	46.654

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08685	.08495	.00817	.00015	.02849	.05486	.02898
Stddev	.00061	.01442	.00034	.00003	.00694	.00090	.00028
%RSD	.70626	16.975	4.1444	22.942	24.370	1.6382	.95463

#1	.08642	.09515	.00793	.00018	.02358	.05422	.02917
#2	.08728	.07475	.00841	.00013	.03340	.05549	.02878

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1050	.01341	.00613	.24681	4.2767	.00175	.55445
Stddev	.0022	.00017	.00042	.00143	.0043	.00141	.00181
%RSD	.20211	1.2993	6.8703	.57806	.09943	80.301	.32681

#1	1.1066	.01353	.00584	.24782	4.2797	.00076	.55317
#2	1.1035	.01329	.00643	.24580	4.2737	.00274	.55573

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	-.00111	.2670	.00290	F<.00000	15.632		
Stddev	.00007	.0024	.00004	.10645	.506		
%RSD	6.0751	.8884	1.4787	.63508	3.2345		

#1	-.00116	.2687	.00293	-16.837	15.275		
#2	-.00106	.2653	.00287	-16.686	15.990		

Sample Name: J5242-01DUP Acquired: 10/4/2018 18:38:42 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3256.0	74599.	6128.0	123.53	4576.8
Stddev	9.6	108.	21.1	.83	13.0
%RSD	.29545	.14461	.34460	.66955	.28466
#1	3249.2	74676.	6113.1	122.94	4567.5
#2	3262.8	74523.	6142.9	124.11	4586.0

Sample Name: J5242-01LX5 Acquired: 10/4/2018 18:42:44 Type: Unk
Method: P4-ICP2(v2478) 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	.00212	-.00184	.00112	-.00713	-.00094	3.2702	.00621
Stddev	.00085	.00053	.00104	.00435	.00190	.0445	.00027
%RSD	40.246	28.666	92.926	60.988	203.31	1.3604	4.3472

#1	.00272	-.00221	.00186	-.01021	-.00228	3.2387	.00602
#2	.00151	-.00146	.00038	-.00406	.00041	3.3016	.00640

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.00017	.01518	.00720	.00046	.00643	9.7641
Stddev	.00003	.00000	.00608	.00048	.00005	.00022	.2447
%RSD	163.85	.71651	40.030	6.6774	10.008	3.4155	2.5056

#1	-.00004	-.00017	.01948	.00754	.00049	.00628	9.5911
#2	.00000	-.00018	.01088	.00686	.00043	.00659	9.9371

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01809	.06058	.00241	-.00013	.00892	.01180	.00725
Stddev	.00002	.04170	.00015	.00023	.00222	.00025	.00000
%RSD	.10698	68.832	6.4393	178.53	24.903	2.1332	.05582

#1	.01808	.09006	.00230	.00003	.00735	.01163	.00725
#2	.01811	.03109	.00251	-.00029	.01049	.01198	.00725

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25759	.00270	.00670	.04569	.94282	-.00135	.11700
Stddev	.02452	.00004	.00245	.00067	.01493	.00065	.00180
%RSD	9.5184	1.4977	36.536	1.4609	1.5838	47.702	1.5407

#1	.27493	.00273	.00844	.04616	.95338	-.00181	.11572
#2	.24025	.00267	.00497	.04522	.93226	-.00090	.11827

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00191	.0577	.00071	F<.00000	4.7646
Stddev	.00109	.0018	.00010	.21374	.3943
%RSD	56.983	3.188	14.572	5.7900	8.2755

#1	.00268	.0564	.00063	-3.8427	4.4858
#2	.00114	.0591	.00078	-3.5405	5.0434

Sample Name: J5242-01LX5 Acquired: 10/4/2018 18:42:44 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3192.4	73193.	5905.7	122.31	4595.8
Stddev	3.1	37.	46.8	1.82	6.6
%RSD	.09693	.05075	.79324	1.4865	.14293
#1	3190.2	73220.	5872.5	123.60	4591.2
#2	3194.6	73167.	5938.8	121.03	4600.4

Sample Name: J5242-01MS Acquired: 10/4/2018 18:46:49 Type: Unk
Method: P4-ICP2(v2478) 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	.78912	2.0309	.99019	1.9395	.79621	17.482	.24138
Stddev	.00349	.0060	.00509	.0088	.00254	.087	.00023
%RSD	.44210	.29810	.51368	.45202	.31947	.50023	.09612

#1	.78665	2.0266	.98659	1.9333	.79441	17.543	.24154
#2	.79158	2.0351	.99378	1.9457	.79801	17.420	.24122

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19404	.19575	1.0398	.44540	.20515	.34066	48.378
Stddev	.00023	.00080	.0017	.00066	.00110	.00173	.348
%RSD	.12029	.40868	.16421	.14850	.53684	.50818	.71843

#1	.19420	.19518	1.0410	.44587	.20437	.33944	48.623
#2	.19387	.19631	1.0386	.44494	.20593	.34188	48.132

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.29104	2.0701	.51025	.07254	3.2563	.36321	.22755
Stddev	.00013	.0058	.00160	.00077	.0133	.00056	.00038
%RSD	.04510	.28177	.31407	1.0603	.40740	.15404	.16493

#1	.29113	2.0659	.50912	.07200	3.2469	.36360	.22781
#2	.29095	2.0742	.51139	.07309	3.2657	.36281	.22728

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.813	.43060	.29771	.24010	5.1410	.69105	.75215
Stddev	.032	.00033	.00955	.00122	.0403	.00496	.00113
%RSD	.27418	.07742	3.2071	.50976	.78409	.71729	.15059

#1	11.836	.43036	.29096	.24097	5.1125	.68755	.75135
#2	11.790	.43083	.30446	.23924	5.1695	.69456	.75295

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	.23503	5.872	.20631	F<.00000	15.174		
Stddev	.00087	.024	.00066	.93081	.080		
%RSD	.36884	.3999	.32141	5.3923	.52734		

#1	.23564	5.856	.20678	-17.920	15.231		
#2	.23442	5.889	.20584	-16.604	15.118		

Sample Name: J5242-01MS Acquired: 10/4/2018 18:46:49 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3223.7	73511.	6012.6	125.15	4519.5
Stddev	9.0	290.	13.0	1.00	1.8
%RSD	.27917	.39476	.21622	.79739	.04060
#1	3217.4	73306.	6003.4	124.44	4518.2
#2	3230.1	73716.	6021.8	125.86	4520.8

Sample Name: J5242-01MSD Acquired: 10/4/2018 18:50:37 Type: Unk
Method: P4-ICP2(v2478) 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	.78339	2.0254	.99154	1.9433	.79584	17.197	.24121
Stddev	.00542	.0044	.00581	.0098	.00200	.043	.00090
%RSD	.69232	.21657	.58620	.50568	.25103	.24971	.37259

#1	.77956	2.0223	.98743	1.9364	.79443	17.227	.24058
#2	.78723	2.0285	.99565	1.9503	.79726	17.167	.24185

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19409	.19580	1.0360	.44236	.20448	.33928	48.768
Stddev	.00006	.00094	.0019	.00052	.00001	.00075	1.325
%RSD	.03184	.47904	.18205	.11772	.00459	.22210	2.7178

#1	.19405	.19514	1.0347	.44199	.20447	.33875	49.706
#2	.19414	.19646	1.0374	.44272	.20449	.33982	47.831

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.29029	2.0976	.51012	.07299	3.2593	.36173	.23071
Stddev	.00002	.0134	.00188	.00004	.0018	.00044	.00577
%RSD	.00817	.63683	.36921	.05058	.05644	.12301	2.5031

#1	.29028	2.0882	.50879	.07296	3.2580	.36141	.23479
#2	.29031	2.1071	.51145	.07302	3.2606	.36204	.22662

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.789	.43029	.30938	.23832	5.0385	.69246	.75513
Stddev	.037	.00113	.00552	.00206	.1224	.00185	.00002
%RSD	.31677	.26329	1.7826	.86629	2.4283	.26783	.00225

#1	11.763	.42949	.31328	.23978	4.9520	.69115	.75512
#2	11.816	.43109	.30548	.23686	5.1250	.69377	.75514

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.23499	5.876	.20618	F<.00000	14.961
Stddev	.00061	.027	.00198	.17788	.636
%RSD	.25900	.4595	.95982	1.0252	4.2488

#1	.23542	5.857	.20478	-17.224	14.512
#2	.23456	5.895	.20758	-17.476	15.410

Sample Name: J5242-01MSD Acquired: 10/4/2018 18:50:37 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3229.6	74024.	5982.1	123.55	4516.6
Stddev	11.1	243.	24.6	3.49	9.6
%RSD	.34299	.32773	.41202	2.8228	.21327
#1	3221.7	73853.	5999.6	121.08	4509.8
#2	3237.4	74196.	5964.7	126.02	4523.4

Sample Name: J5242-01A Acquired: 10/4/2018 18:54:25 Type: Unk
Method: P4-ICP2(v2478) 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	.78564	2.0201	.98937	1.9327	.79197	17.323	.23970
Stddev	.00292	.0120	.00278	.0065	.00498	.173	.00076
%RSD	.37112	.59427	.28148	.33479	.62870	.99669	.31596

#1	.78770	2.0285	.99134	1.9372	.79549	17.201	.23917
#2	.78357	2.0116	.98740	1.9281	.78845	17.445	.24024

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19407	.19546	1.0276	.44676	.20393	.33800	48.656
Stddev	.00007	.00051	.0090	.00238	.00023	.00176	.109
%RSD	.03512	.26186	.87432	.53164	.11166	.52169	.22433

#1	.19412	.19583	1.0213	.44844	.20409	.33925	48.733
#2	.19402	.19510	1.0340	.44508	.20377	.33675	48.579

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.29097	2.0996	.50881	.07307	3.2634	.36193	.22860
Stddev	.00017	.0355	.00173	.00084	.0032	.00036	.00310
%RSD	.05714	1.6883	.34081	1.1429	.09682	.09841	1.3567

#1	.29108	2.1246	.51003	.07248	3.2657	.36168	.23080
#2	.29085	2.0745	.50758	.07366	3.2612	.36218	.22641

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.794	.42860	.29602	.23303	5.0861	.69107	.75476
Stddev	.053	.00089	.01048	.00079	.0417	.00487	.00264
%RSD	.44998	.20679	3.5401	.33897	.81982	.70456	.35038

#1	11.831	.42922	.28861	.23247	5.1156	.69451	.75289
#2	11.756	.42797	.30343	.23359	5.0566	.68763	.75663

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	.23498	5.851	.20517	F<.00000	15.005		
Stddev	.00079	.018	.00120	.74495	.077		
%RSD	.33681	.3091	.58611	4.1564	.51409		

#1	.23554	5.863	.20432	-17.396	15.059		
#2	.23442	5.838	.20602	-18.449	14.950		

Sample Name: J5242-01A Acquired: 10/4/2018 18:54:25 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3240.7	73898.	6053.7	124.47	4528.7
Stddev	2.0	300.	4.4	1.11	5.6
%RSD	.06047	.40627	.07296	.89135	.12424
#1	3242.0	74110.	6050.6	123.68	4532.7
#2	3239.3	73686.	6056.8	125.25	4524.8

Sample Name: J5199-02 Acquired: 10/4/2018 18:58:14 Type: Unk
Method: P4-ICP2(v2478) 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	.00134	-.00380	.00346	-.00055	-.00411	.10483	.09248	.00011
Stddev	.00082	.00024	.00005	.00030	.00085	.01367	.00032	.00001
%RSD	61.495	6.4229	1.3480	53.428	20.736	13.038	.35058	7.4557

#1	.00076	-.00398	.00350	-.00076	-.00351	.09517	.09225	.00012
#2	.00192	-.00363	.00343	-.00035	-.00471	.11450	.09271	.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00019	36.116	.00045	.00163	.00801	-.00112	.31405	1.6340
Stddev	.00010	.240	.00024	.00007	.00046	.00399	.00000	.0226
%RSD	52.785	.66444	53.980	4.4678	5.7815	355.59	.00018	1.3834

#1	.00012	35.947	.00028	.00168	.00834	-.00395	.31405	1.6180
#2	.00026	36.286	.00063	.00158	.00769	.00170	.31405	1.6500

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00361	-.00066	266.52	.00022	.04495	.72010	.00000	.01195
Stddev	.00026	.00084	4.38	.00018	.00143	.04945	.00018	.00547
%RSD	7.2833	126.35	1.6450	79.854	3.1802	6.8666	5484.1	45.755

#1	.00343	-.00125	263.42	.00010	.04394	.68514	-.00012	.01581
#2	.00380	-.00007	269.62	.00035	.04596	.75506	.00013	.00808

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.52233	2.8382	.00029	.00078	.00333	.0033	.14577	3.2994
Stddev	.00112	.0330	.00006	.00214	.00089	.0026	.00037	.0614
%RSD	.21406	1.1625	19.400	274.63	26.740	78.17	.25128	1.8610

#1	.52312	2.8148	.00025	-.00073	.00270	.0015	.14603	3.3428
#2	.52154	2.8615	.00033	.00229	.00396	.0051	.14551	3.2559

Elem	U_3859
Units	ppm
Avg	1.8830
Stddev	.1607
%RSD	8.5321

#1	1.9966
#2	1.7694

Sample Name: J5199-02 Acquired: 10/4/2018 18:58:14 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2973.0	66573.	5697.0	118.95	4091.1
Stddev	1.9	90.	57.5	3.49	6.1
%RSD	.06470	.13477	1.0085	2.9327	.14946
#1	2971.6	66637.	5737.7	121.42	4086.7
#2	2974.3	66510.	5656.4	116.48	4095.4

Sample Name: J5204-02 Acquired: 10/4/2018 19:02:22 Type: Unk
Method: P4-ICP2(v2478) 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	-.00098	-.00315	.00373	-.00195	-.00180	.06900	.11273	-.00002
Stddev	.00125	.00174	.00033	.00323	.00010	.00016	.00065	.00001
%RSD	127.81	55.359	8.9038	165.74	5.4425	.23806	.57464	73.638

#1	-.00186	-.00192	.00396	.00034	-.00173	.06911	.11227	-.00001
#2	-.00009	-.00438	.00349	-.00423	-.00187	.06888	.11318	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	15.992	-.00012	.00739	.00894	.07870	1.5590	3.2749
Stddev	.00008	.004	.00032	.00007	.00025	.00751	.0017	.0272
%RSD	82.007	.02673	277.87	.92589	2.7544	9.5404	.10753	.82957

#1	.00015	15.989	-.00034	.00735	.00876	.07339	1.5578	3.2941
#2	.00004	15.995	.00011	.00744	.00911	.08401	1.5602	3.2556

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00455	-.00009	260.47	-.00002	.03939	.58600	-.00017	.01830
Stddev	.00045	.00023	.18	.00020	.00019	.01373	.00034	.00744
%RSD	9.8609	262.54	.07067	1150.6	.47086	2.3430	202.76	40.658

#1	.00423	.00007	260.60	.00012	.03952	.59571	-.00041	.02356
#2	.00486	-.00025	260.34	-.00016	.03926	.57629	.00007	.01304

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20907	.76296	.00030	.00147	.00363	.0069	.06231	3.2859
Stddev	.00098	.00005	.00003	.00161	.00160	.0018	.00005	.6165
%RSD	.46697	.00662	9.0604	109.45	44.057	25.54	.07369	18.762

#1	.20976	.76292	.00032	.00033	.00476	.0056	.06228	3.7218
#2	.20838	.76299	.00028	.00261	.00250	.0081	.06234	2.8500

Elem	U_3859
Units	ppm
Avg	2.1828
Stddev	.1470
%RSD	6.7324

#1	2.2867
#2	2.0789

Sample Name: J5204-02 Acquired: 10/4/2018 19:02:22 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2990.6	67007.	5766.7	119.40	4119.5
Stddev	8.9	137.	29.6	.15	7.2
%RSD	.29689	.20407	.51255	.12696	.17544
#1	2984.3	66911.	5745.8	119.30	4124.6
#2	2996.9	67104.	5787.6	119.51	4114.3

Sample Name: J5204-02DUP Acquired: 10/4/2018 19:06:31 Type: Unk
Method: P4-ICP2(v2478) 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	-.00145	-.00228	.00357	-.00021	-.00112	.05207	.11310	.00005
Stddev	.00390	.00097	.00086	.00168	.00119	.00260	.00064	.00003
%RSD	269.60	42.509	23.987	782.92	106.23	5.0012	.56956	61.375
#1	-.00420	-.00297	.00296	.00097	-.00028	.05391	.11355	.00007
#2	.00131	-.00160	.00417	-.00140	-.00197	.05022	.11264	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00020	15.993	-.00064	.00752	.00841	.01648	1.5555	3.3079
Stddev	.00007	.020	.00021	.00002	.00046	.01072	.0027	.0215
%RSD	37.799	.12702	31.957	.21756	5.5258	65.008	.17437	.65049
#1	.00025	15.978	-.00050	.00753	.00874	.00891	1.5574	3.2927
#2	.00014	16.007	-.00079	.00751	.00809	.02406	1.5536	3.3232

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00423	.00012	262.92	-.00019	.02928	.59487	.00015	.01799
Stddev	.00050	.00037	1.89	.00007	.00022	.02995	.00013	.00769
%RSD	11.870	306.83	.71759	35.809	.76460	5.0340	88.919	42.773
#1	.00388	-.00014	264.25	-.00014	.02912	.61604	.00024	.02343
#2	.00459	.00039	261.59	-.00023	.02944	.57369	.00005	.01255

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20864	.78465	-.00005	.00271	.00181	.0066	.06227	2.6703
Stddev	.00053	.00576	.00023	.00015	.00027	.0001	.00013	.0103
%RSD	.25415	.73407	481.03	5.4824	14.823	2.259	.21192	.38591
#1	.20827	.78057	-.00021	.00281	.00200	.0067	.06236	2.6630
#2	.20902	.78872	.00011	.00260	.00162	.0065	.06218	2.6776

Elem	U_3859
Units	ppm
Avg	2.4502
Stddev	.1054
%RSD	4.3010
#1	2.5247
#2	2.3757

Sample Name: J5204-02DUP Acquired: 10/4/2018 19:06:31 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3002.1	67061.	5676.1	119.29	4126.7
Stddev	15.1	25.	8.5	.72	29.8
%RSD	.50450	.03675	.15029	.60131	.72212
#1	2991.4	67079.	5670.0	119.79	4105.7
#2	3012.8	67044.	5682.1	118.78	4147.8

Sample Name: CCV09 Acquired: 10/4/2018 19:10:40 Type: Unk
Method: P4-ICP2(v2478) 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	4.8736	4.9183	4.8291	4.9625	4.9401	10.160	10.141
Stddev	.0031	.0015	.0042	.0052	.0005	.013	.012
%RSD	.06286	.03156	.08708	.10432	.00980	.13212	.11379

#1	4.8758	4.9172	4.8320	4.9661	4.9404	10.150	10.150
#2	4.8715	4.9194	4.8261	4.9588	4.9397	10.169	10.133

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24747	2.4374	24.769	.98820	2.4253	1.2326	4.9150
Stddev	.00033	.0019	.084	.00151	.0001	.0024	.0355
%RSD	.13339	.07910	.33947	.15297	.00446	.19577	.72262

#1	.24770	2.4387	24.828	.98927	2.4254	1.2343	4.9401
#2	.24724	2.4360	24.709	.98714	2.4252	1.2309	4.8898

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4962	23.922	2.4248	1.2562	25.255	2.5030	2.4903
Stddev	.0010	.011	.0049	.0036	.026	.0043	.0347
%RSD	.04159	.04723	.20016	.28574	.10180	.17097	1.3916

#1	2.4969	23.930	2.4282	1.2536	25.237	2.4999	2.5148
#2	2.4955	23.914	2.4213	1.2587	25.273	2.5060	2.4658

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.709	5.0288	4.8560	4.8291	4.8284	4.8306	4.8815
Stddev	.024	.0006	.0170	.0057	.0597	.0053	.0104
%RSD	.09402	.01298	.35026	.11720	1.2366	.10993	.21377

#1	25.726	5.0292	4.8440	4.8331	4.8706	4.8343	4.8741
#2	25.692	5.0283	4.8680	4.8251	4.7861	4.8268	4.8889

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	5.2767	5.001	4.9720	F 2.5260	F 3.6805
Stddev	.0121	.009	.0030	.8233	.1048
%RSD	.23031	.1842	.06122	32.592	2.8463

#1	5.2852	4.995	4.9742	1.9439	3.6065
#2	5.2681	5.008	4.9699	3.1082	3.7546

Sample Name: CCV09 Acquired: 10/4/2018 19:10:40 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3053.3	68492.	5686.7	116.30	4178.7
Stddev	7.2	49.	39.5	1.94	11.1
%RSD	.23492	.07166	.69421	1.6676	.26457
#1	3048.2	68526.	5658.8	114.93	4170.8
#2	3058.4	68457.	5714.6	117.67	4186.5

Sample Name: CCB09 Acquired: 10/4/2018 19:14:24 Type: Unk
Method: P4-ICP2(v2478) 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	-.00175	-.00149	.00098	-.00783	-.00155	-.00305	-.00015
Stddev	.00341	.00219	.00020	.00027	.00124	.01507	.00057
%RSD	194.96	146.23	20.096	3.4582	79.849	493.51	365.01

#1	.00066	-.00304	.00112	-.00764	-.00242	-.01371	.00025
#2	-.00416	.00005	.00084	-.00802	-.00067	.00760	-.00055

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	.00014	.00389	.00023	-.00003	.00018	-.00155
Stddev	.00000	.00001	.00087	.00036	.00001	.00091	.00625
%RSD	8.1502	7.3321	22.279	155.70	21.778	490.05	402.63

#1	-.00005	.00015	.00451	-.00002	-.00002	.00083	.00287
#2	-.00006	.00013	.00328	.00049	-.00003	-.00046	-.00598

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	.03748	.00053	-.00039	.03625	.00012	.00056
Stddev	.00002	.03162	.00042	.00049	.00372	.00033	.00010
%RSD	18.258	84.354	79.231	125.42	10.253	275.38	17.175

#1	.00012	.05984	.00083	-.00004	.03888	.00035	.00063
#2	.00015	.01512	.00023	-.00074	.03362	-.00011	.00049

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03091	.00092	.00581	F -.01449	-.00044	-.00107	.00160
Stddev	.01608	.00053	.00083	.00316	.00093	.00072	.00153
%RSD	52.032	57.268	14.298	21.786	211.58	66.879	95.713

#1	.01954	.00130	.00640	-.01225	-.00110	-.00158	.00268
#2	.04228	.00055	.00522	-.01672	.00022	-.00057	.00052

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	F .00523	.0002	.00019	F<.00000	F .57744		
Stddev	.00147	.0014	.00011	1.4991	.40968		
%RSD	28.047	673.2	59.116	211.49	70.947		

#1	.00627	.0012	.00011	.35120	.28775		
#2	.00420	-.0008	.00027	-1.7688	.86712		

Sample Name: CCB09 Acquired: 10/4/2018 19:14:24 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3164.6	72477.	5777.9	123.31	4609.2
Stddev	31.2	234.	9.7	.00	34.3
%RSD	.98457	.32246	.16811	.00087	.74362
#1	3186.6	72643.	5784.8	123.31	4633.4
#2	3142.5	72312.	5771.1	123.31	4584.9

Sample Name: J5204-02LX5 Acquired: 10/4/2018 19:18:29 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00278	-.00164	.00059	-.00395	-.00158	.00457	.02312	.00005
Stddev	.00022	.00112	.00004	.00190	.00107	.00212	.00037	.00004
%RSD	7.9262	68.451	6.7622	48.182	67.743	46.493	1.5953	88.742

#1	-.00294	-.00085	.00056	-.00261	-.00082	.00307	.02338	.00002
#2	-.00262	-.00243	.00062	-.00530	-.00233	.00607	.02286	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	3.2314	.00023	.00124	.00197	.00305	.31425	.68400
Stddev	.00000	.0394	.00007	.00004	.00002	.00408	.00007	.07621
%RSD	4.0769	1.2210	29.384	2.8501	.93739	133.89	.02125	11.142

#1	.00005	3.2035	.00027	.00126	.00196	.00593	.31420	.73789
#2	.00005	3.2593	.00018	.00121	.00198	.00016	.31429	.63011

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00137	-.00086	53.640	-.00005	.00630	.13780	-.00009	.00301
Stddev	.00004	.00049	.098	.00051	.00023	.02191	.00014	.00504
%RSD	2.7641	57.392	.18230	1106.6	3.6453	15.897	152.68	167.50

#1	.00135	-.00121	53.571	.00031	.00613	.15329	.00001	-.00056
#2	.00140	-.00051	53.710	-.00040	.00646	.12231	-.00019	.00658

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02712	.16199	.00032	.00167	.00335	.0009	.01257	.38157
Stddev	.00227	.00080	.00066	.00176	.00037	.0004	.00007	.60104
%RSD	8.3643	.49225	208.31	105.52	11.102	41.81	.59573	157.52

#1	.02551	.16143	-.00015	.00291	.00309	.0011	.01263	.80656
#2	.02872	.16256	.00079	.00042	.00362	.0006	.01252	-.04343

Elem	U_3859
Units	ppm
Avg	.81071
Stddev	.20094
%RSD	24.786

#1	.66862
#2	.95280

Sample Name: J5204-02LX5 Acquired: 10/4/2018 19:18:29 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3135.0	69798.	5694.8	120.72	4444.6
Stddev	34.0	167.	10.3	2.26	49.8
%RSD	1.0834	.23990	.18099	1.8684	1.1207
#1	3159.0	69680.	5702.0	122.31	4479.8
#2	3110.9	69917.	5687.5	119.12	4409.4

Sample Name: J5204-02MS Acquired: 10/4/2018 19:22:33 Type: Unk
Method: P4-ICP2(v2478) 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	.79170	1.9027	.95309	1.9874	.77566	2.1013	.32002	.19714	.19674
Stddev	.00063	.0053	.00260	.0027	.00191	.0141	.00130	.00009	.00038
%RSD	.07983	.27938	.27285	.13466	.24589	.66906	.40579	.04328	.19407

#1	.79215	1.8990	.95126	1.9893	.77701	2.0914	.31910	.19720	.19647
#2	.79125	1.9065	.95493	1.9855	.77431	2.1113	.32094	.19708	.19701

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.879	.40481	.20524	.30476	2.9471	1.7244	5.1645	.49653	.07142
Stddev	.036	.00166	.00079	.00057	.0115	.0040	.0172	.00108	.00017
%RSD	.21133	.40890	.38490	.18774	.39109	.22942	.33330	.21716	.23939

#1	16.854	.40364	.20468	.30517	2.9552	1.7216	5.1523	.49576	.07130
#2	16.904	.40598	.20580	.30436	2.9389	1.7272	5.1767	.49729	.07154

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	264.20	.31092	.22232	11.082	.41626	.30238	.19706	1.6592	.68430
Stddev	1.95	.00076	.00039	.071	.00124	.00734	.00383	.0094	.00068
%RSD	.73711	.24428	.17591	.63886	.29793	2.4287	1.9455	.56622	.09979

#1	262.83	.31038	.22205	11.032	.41539	.29719	.19977	1.6525	.68381
#2	265.58	.31146	.22260	11.132	.41714	.30757	.19435	1.6658	.68478

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.20525	.23108	5.953	.25816	1.5621	2.8352			
Stddev	.00048	.00018	.014	.00076	.3956	.1419			
%RSD	.23220	.07598	.2326	.29367	25.327	5.0031			

#1	.20559	.23096	5.943	.25763	1.8418	2.7349			
#2	.20491	.23121	5.963	.25870	1.2823	2.9355			

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306				
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S				
Avg	2990.3	67397.	5635.8	119.16	4094.7				
Stddev	1.6	172.	34.8	.21	7.3				
%RSD	.05432	.25542	.61687	.17412	.17866				

#1	2989.2	67518.	5660.4	119.30	4099.8				
#2	2991.5	67275.	5611.2	119.01	4089.5				

Sample Name: J5204-02MSD Acquired: 10/4/2018 19:26:29 Type: Unk
Method: P4-ICP2(v2478) 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	.78694	1.8896	.94957	1.9890	.77413	2.1187	.32121	.19680	.19532
Stddev	.00133	.0081	.00143	.0066	.00130	.0311	.00131	.00028	.00033
%RSD	.16877	.43101	.15069	.33311	.16827	1.4666	.40900	.14211	.16786

#1	.78600	1.8953	.94856	1.9843	.77321	2.0968	.32028	.19660	.19556
#2	.78788	1.8838	.95058	1.9937	.77506	2.1407	.32214	.19700	.19509

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.960	.40582	.20457	.30566	3.0113	1.7268	5.2469	.49436	.07122
Stddev	.099	.00065	.00031	.00066	.0276	.0032	.1052	.00139	.00068
%RSD	.58549	.16089	.15396	.21720	.91670	.18809	2.0042	.28120	.95173

#1	16.890	.40536	.20435	.30519	2.9918	1.7245	5.1725	.49534	.07170
#2	17.031	.40628	.20479	.30612	3.0308	1.7291	5.3213	.49338	.07074

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	261.13	.31178	.22510	11.121	.41519	.30482	.19669	1.6591	.68124
Stddev	1.52	.00205	.00138	.008	.00120	.00781	.00310	.0002	.00159
%RSD	.58109	.65867	.61389	.07585	.28902	2.5614	1.5752	.01000	.23351

#1	262.20	.31033	.22608	11.115	.41434	.29930	.19450	1.6592	.68011
#2	260.06	.31323	.22413	11.127	.41604	.31034	.19888	1.6590	.68236

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.20452	.23222	5.917	.25882	1.6753	2.6239			
Stddev	.00030	.00194	.029	.00055	.1128	.4656			
%RSD	.14497	.83662	.4878	.21123	6.7301	17.743			

#1	.20473	.23084	5.937	.25920	1.5956	2.2947			
#2	.20431	.23359	5.896	.25843	1.7550	2.9531			

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306				
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S				
Avg	3009.9	67409.	5662.1	118.33	4141.6				
Stddev	2.2	14.	32.2	.85	21.6				
%RSD	.07208	.02041	.56912	.71581	.52271				

#1	3008.3	67400.	5639.4	117.73	4126.3				
#2	3011.4	67419.	5684.9	118.93	4156.9				

Sample Name: J5204-02A Acquired: 10/4/2018 19:30:24 Type: Unk
Method: P4-ICP2(v2478) 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	.78533	1.8833	.94474	1.9726	.77319	2.1139	.32092	.19586	.19450
Stddev	.00228	.0110	.00584	.0061	.00451	.0307	.00154	.00051	.00069
%RSD	.29001	.58256	.61851	.30986	.58366	1.4514	.48023	.25915	.35306

#1	.78372	1.8911	.94887	1.9769	.77638	2.1356	.32201	.19622	.19498
#2	.78694	1.8756	.94061	1.9682	.77000	2.0922	.31983	.19550	.19401

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.877	.40370	.20326	.30247	2.9702	1.7195	5.1951	.49210	.07024
Stddev	.034	.00156	.00023	.00025	.0272	.0032	.0010	.00277	.00034
%RSD	.20040	.38559	.11088	.08302	.91407	.18521	.01830	.56321	.48651

#1	16.901	.40260	.20342	.30229	2.9894	1.7218	5.1945	.49406	.07048
#2	16.853	.40480	.20310	.30265	2.9510	1.7173	5.1958	.49014	.07000

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	258.26	.30980	.22299	11.096	.41307	.30559	.19863	1.6385	.67874
Stddev	1.44	.00126	.00105	.038	.00046	.00296	.00235	.0144	.00176
%RSD	.55772	.40587	.47288	.33869	.11100	.96805	1.1843	.87637	.25996

#1	259.28	.30891	.22225	11.122	.41339	.30768	.19697	1.6284	.67999
#2	257.24	.31069	.22374	11.069	.41274	.30349	.20030	1.6487	.67749

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.20437	.23030	5.907	.25718	1.3481	2.8611			
Stddev	.00099	.00113	.023	.00015	.1904	.4295			
%RSD	.48414	.49231	.3881	.06022	14.124	15.013			

#1	.20507	.23110	5.923	.25707	1.2135	2.5574			
#2	.20367	.22950	5.891	.25729	1.4827	3.1648			

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306				
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S				
Avg	3018.5	67537.	5660.2	119.21	4145.5				
Stddev	8.0	224.	17.9	.18	32.5				
%RSD	.26617	.33093	.31645	.15293	.78518				

#1	3012.8	67379.	5672.9	119.34	4122.5				
#2	3024.2	67695.	5647.6	119.08	4168.5				

Sample Name: J5204-04 Acquired: 10/4/2018 19:34:21 Type: Unk
Method: P4-ICP2(v2478) 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	-.00266	-.00566	.00374	.00115	-.00091	.07285	.11929	-.00008
Stddev	.00297	.00173	.00007	.00225	.00204	.00572	.00011	.00002
%RSD	111.56	30.633	1.8493	194.94	224.29	7.8490	.09303	22.048

#1	-.00476	-.00443	.00369	.00274	.00053	.07690	.11937	-.00009
#2	-.00056	-.00688	.00379	-.00044	-.00236	.06881	.11921	-.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00025	25.217	.00073	.00323	.00439	.00849	.94540	1.7348
Stddev	.00003	.020	.00043	.00027	.00047	.01723	.00001	.0229
%RSD	11.197	.07956	58.802	8.2128	10.663	202.86	.00126	1.3179

#1	.00027	25.202	.00042	.00305	.00472	-.00369	.94541	1.7187
#2	.00023	25.231	.00103	.00342	.00406	.02068	.94539	1.7510

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00115	-.00114	297.64	.00048	.03340	.73485	.00020	.01552
Stddev	.00012	.00036	1.01	.00029	.00032	.04190	.00045	.00199
%RSD	10.516	31.677	.34007	61.729	.95451	5.7019	225.76	12.814

#1	.00107	-.00089	298.35	.00068	.03318	.76448	.00052	.01411
#2	.00124	-.00140	296.92	.00027	.03363	.70522	-.00012	.01693

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18669	.82046	.00047	.00057	.00448	.0038	.10045	4.9324
Stddev	.00098	.00037	.00047	.00040	.00069	.0007	.00023	.8457
%RSD	.52284	.04554	100.03	70.048	15.336	18.35	.23364	17.146

#1	.18600	.82072	.00080	.00029	.00400	.0033	.10062	4.3344
#2	.18738	.82020	.00014	.00085	.00497	.0043	.10028	5.5304

Elem	U_3859
Units	ppm
Avg	2.1744
Stddev	.1435
%RSD	6.6009

#1	2.0729
#2	2.2759

Sample Name: J5204-04 Acquired: 10/4/2018 19:34:21 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2956.0	65971.	5586.1	115.10	4067.1
Stddev	3.9	57.	52.5	1.31	17.2
%RSD	.13267	.08696	.94040	1.1422	.42310
#1	2958.8	66011.	5548.9	116.03	4054.9
#2	2953.3	65930.	5623.2	114.17	4079.2

Sample Name: J5238-03 Acquired: 10/4/2018 19:38:30 Type: Unk
Method: P4-ICP2(v2478) 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	-.00543	-.00300	.00415	-.00409	-.00351	.11558	.15020	-.00007
Stddev	.00292	.00017	.00062	.00191	.00033	.00104	.00065	.00009
%RSD	53.733	5.5728	15.022	46.625	9.3690	.89903	.43344	129.75

#1	-.00750	-.00289	.00371	-.00274	-.00375	.11632	.15066	-.00014
#2	-.00337	-.00312	.00459	-.00544	-.00328	.11485	.14974	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00533	13.760	.00934	.00042	.01748	.12573	.32782	1.8145
Stddev	.00001	.057	.00013	.00006	.00039	.00256	.00079	.0179
%RSD	.09720	.41569	1.4377	14.354	2.2098	2.0340	.24097	.98765

#1	.00533	13.801	.00924	.00047	.01775	.12392	.32726	1.8018
#2	.00533	13.720	.00943	.00038	.01720	.12753	.32838	1.8272

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00145	-.00068	274.28	.00077	.88857	1.3502	-.00004	.00126
Stddev	.00051	.00071	2.55	.00051	.00794	.0260	.00013	.01328
%RSD	35.074	105.11	.92815	66.327	.89379	1.9258	332.58	1056.0

#1	.00181	-.00017	276.08	.00113	.88295	1.3686	.00005	.01065
#2	.00109	-.00118	272.48	.00041	.89418	1.3318	-.00013	-.00813

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11106	.28936	.00070	.00516	.00357	.2880	.04000	3.0855
Stddev	.00242	.00776	.00062	.00127	.00203	.0066	.00004	.0099
%RSD	2.1785	2.6832	88.665	24.605	56.841	2.301	.09786	.31990

#1	.11278	.29485	.00114	.00605	.00213	.2833	.04003	3.0785
#2	.10935	.28387	.00026	.00426	.00500	.2927	.03997	3.0925

Elem	U_3859
Units	ppm
Avg	2.2808
Stddev	1.0434
%RSD	45.746

#1	1.5430
#2	3.0185

Sample Name: J5238-03 Acquired: 10/4/2018 19:38:30 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2989.0	66986.	5643.8	116.09	4097.9
Stddev	4.8	197.	54.9	.69	10.3
%RSD	.16069	.29407	.97321	.59478	.25168
#1	2985.6	67125.	5604.9	116.58	4105.2
#2	2992.4	66846.	5682.6	115.60	4090.6

Sample Name: J5244-01 Acquired: 10/4/2018 19:42:38 Type: Unk
Method: P4-ICP2(v2478) 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	-.00201	-.00234	-.00077	-.00256	.00015	.00533	.13291	-.00008
Stddev	.00107	.00025	.00065	.00050	.00089	.00620	.00002	.00003
%RSD	53.287	10.642	84.040	19.482	593.64	116.47	.01143	37.780

#1	-.00125	-.00252	-.00031	-.00220	.00078	.00971	.13289	-.00010
#2	-.00277	-.00217	-.00123	-.00291	-.00048	.00094	.13292	-.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.22228	.00057	-.00020	.00053	-.01023	.00077	.04994
Stddev	.00003	.00558	.00029	.00004	.00018	.00639	.00001	.02253
%RSD	98.943	2.5105	50.593	22.521	33.726	62.505	1.4606	45.115

#1	.00001	.22623	.00077	-.00017	.00040	-.01475	.00078	.03401
#2	.00005	.21834	.00037	-.00023	.00065	-.00571	.00077	.06587

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00019	-.00055	263.98	.00008	.16280	.20970	.00010	.03192
Stddev	.00019	.00054	1.48	.00004	.00061	.00511	.00050	.00541
%RSD	97.203	99.073	.56042	45.948	.37281	2.4359	516.62	16.950

#1	.00006	-.00016	265.02	.00010	.16323	.21331	.00045	.02810
#2	.00032	-.00093	262.93	.00005	.16237	.20609	-.00026	.03575

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13722	.02537	.00026	.00216	.00313	-.0001	.00179	.96426
Stddev	.00253	.00307	.00070	.00161	.00105	.0011	.00007	.51932
%RSD	1.8403	12.111	273.10	74.863	33.505	2092.	3.7510	53.857

#1	.13901	.02754	.00075	.00330	.00388	.0007	.00184	.59704
#2	.13544	.02320	-.00024	.00101	.00239	-.0008	.00174	1.3315

Elem	U_3859
Units	ppm
Avg	2.0959
Stddev	.2906
%RSD	13.864

#1	2.3014
#2	1.8904

Sample Name: J5244-01 Acquired: 10/4/2018 19:42:38 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3009.6	67202.	5584.8	116.00	4138.8
Stddev	1.4	232.	42.7	1.08	2.0
%RSD	.04681	.34573	.76382	.93469	.04869
#1	3008.6	67038.	5554.6	115.23	4137.4
#2	3010.6	67367.	5615.0	116.77	4140.3

Sample Name: J5244-02 Acquired: 10/4/2018 19:46:49 Type: Unk
Method: P4-ICP2(v2478) 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	-.00530	-.00393	.00030	-.00078	-.00032	.00569	.15161	-.00003
Stddev	.00185	.00077	.00034	.00102	.00231	.00691	.00065	.00006
%RSD	34.838	19.581	112.14	131.16	723.14	121.52	.43052	175.03
#1	-.00661	-.00338	.00006	-.00150	-.00195	.01057	.15115	.00001
#2	-.00400	-.00447	.00055	-.00006	.00131	.00080	.15207	-.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.32959	.00083	-.00000	.19025	.11457	.00509	.04913
Stddev	.00006	.01151	.00014	.00020	.00059	.00005	.00003	.00109
%RSD	957.17	3.4912	16.460	6356.4	.31083	.04671	.61343	2.2270
#1	-.00005	.32145	.00073	.00014	.18984	.11453	.00511	.04991
#2	.00004	.33772	.00093	-.00015	.19067	.11461	.00507	.04836

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00159	-.00074	254.64	.00042	.95495	.20336	.00076	.02644
Stddev	.00016	.00026	.82	.00059	.00345	.00628	.00013	.00352
%RSD	9.8523	35.133	.32237	141.15	.36167	3.0894	17.644	13.314
#1	.00170	-.00092	254.06	.00084	.95739	.20780	.00066	.02395
#2	.00147	-.00055	255.23	.00000	.95251	.19891	.00085	.02893

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15303	.01757	.00008	.00198	.00288	.0032	.00240	1.2695
Stddev	.00220	.00048	.00036	.00087	.00057	.0014	.00008	.1084
%RSD	1.4365	2.7590	465.05	43.809	19.817	43.95	3.2060	8.5374
#1	.15147	.01791	-.00018	.00137	.00248	.0042	.00234	1.3461
#2	.15458	.01722	.00033	.00259	.00328	.0022	.00245	1.1928

Elem	U_3859
Units	ppm
Avg	1.7403
Stddev	.2539
%RSD	14.590
#1	1.5607
#2	1.9198

Sample Name: J5244-02 Acquired: 10/4/2018 19:46:49 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3002.7	67076.	5591.7	116.78	4153.8
Stddev	.0	125.	19.7	.49	8.5
%RSD	.00068	.18702	.35281	.42202	.20488
#1	3002.7	66987.	5577.8	116.43	4159.8
#2	3002.7	67164.	5605.7	117.13	4147.8

Sample Name: J5244-03 Acquired: 10/4/2018 19:50:58 Type: Unk
Method: P4-ICP2(v2478) 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	-.00435	-.00363	-.00133	-.00102	-.00296	.00278	.00029
Stddev	.00045	.00019	.00008	.00191	.00153	.00420	.00015
%RSD	10.422	5.1081	5.7572	188.11	51.721	151.05	50.653

#1	-.00467	-.00350	-.00138	.00034	-.00404	.00575	.00040
#2	-.00403	-.00376	-.00127	-.00237	-.00188	-.00019	.00019

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	-.00012	.14666	.00141	-.00018	.00304	.01299
Stddev	.00005	.00000	.01350	.00014	.00028	.00013	.00685
%RSD	42.279	3.1951	9.2048	10.125	151.64	4.1720	52.724

#1	-.00008	-.00011	.15620	.00131	.00001	.00313	.01783
#2	-.00014	-.00012	.13711	.00151	-.00038	.00295	.00815

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00086	.05364	.00166	-.00059	.27146	-.00010	.04545
Stddev	.00003	.02991	.00027	.00025	.00328	.00069	.00101
%RSD	3.6959	55.756	15.933	42.572	1.2072	698.35	2.2120

#1	.00088	.07479	.00185	-.00042	.26914	.00039	.04616
#2	.00084	.03249	.00148	-.00077	.27377	-.00059	.04474

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03849	.00011	.00422	.86710	.00799	-.00047	.00316
Stddev	.00037	.00003	.00666	.00145	.00054	.00024	.00165
%RSD	.95295	22.700	157.60	.16723	6.7973	51.470	52.329

#1	.03875	.00013	-.00048	.86607	.00838	-.00065	.00433
#2	.03823	.00009	.00893	.86812	.00761	-.00030	.00199

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	-.00044	.0049	.00050	F<.00000	1.0876		
Stddev	.00031	.0023	.00015	.36690	.1135		
%RSD	69.181	47.76	30.373	22.184	10.438		

#1	-.00023	.0066	.00061	-1.9133	1.0073		
#2	-.00066	.0033	.00040	-1.3944	1.1679		

Sample Name: J5244-03 Acquired: 10/4/2018 19:50:58 Type: Unk
 Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3147.8	72402.	5769.5	120.27	4605.5
Stddev	7.3	75.	.4	2.78	17.6
%RSD	.23191	.10400	.00724	2.3130	.38322
#1	3142.7	72348.	5769.8	118.30	4593.0
#2	3153.0	72455.	5769.2	122.24	4617.9

Sample Name: J5221-02 Acquired: 10/4/2018 19:55:03 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV13942 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00258	-.00192	.00002	-.00470	-.00370	.00847	.02015	.00006
Stddev	.00028	.00005	.00050	.00005	.00007	.00071	.00011	.00006
%RSD	10.754	2.4438	2010.2	1.0012	1.9237	8.3953	.55363	108.31

#1	.00238	-.00188	.00037	-.00467	-.00365	.00797	.02023	.00010
#2	.00277	-.00195	-.00033	-.00474	-.00375	.00897	.02007	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	42.937	-.00083	-.00016	.00164	-.01199	.00221	68.382
Stddev	.00004	.213	.00032	.00040	.00066	.01088	.00005	.148
%RSD	480.05	.49604	38.275	240.56	40.319	90.821	2.1619	.21622

#1	-.00004	42.786	-.00060	.00012	.00117	-.00429	.00224	68.277
#2	.00002	43.088	-.00105	-.00045	.00210	-.01968	.00217	68.486

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00089	-.00071	557.60	.00152	.00095	22.781	.00071	.23507
Stddev	.00027	.00096	.97	.00006	.00005	.015	.00011	.01178
%RSD	30.327	134.48	.17458	4.2725	5.6946	.06399	16.187	5.0105

#1	-.00108	-.00003	556.91	.00156	.00099	22.770	.00063	.22674
#2	-.00070	-.00139	558.29	.00147	.00091	22.791	.00079	.24340

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	50.606	.86857	-.01900	.00082	.01021	.0668	.47990	3.4290
Stddev	.288	.00590	.00051	.00095	.00168	.0006	.00045	.1050
%RSD	.56874	.67889	2.6697	114.73	16.460	.9499	.09286	3.0609

#1	50.809	.86440	-.01864	.00016	.01139	.0673	.48021	3.5032
#2	50.402	.87274	-.01936	.00149	.00902	.0664	.47958	3.3547

Elem	U_3859
Units	ppm
Avg	2.7502
Stddev	.1329
%RSD	4.8316

#1	2.8441
#2	2.6562

Sample Name: J5221-02 Acquired: 10/4/2018 19:55:03 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV13942 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3008.8	66564.	5780.8	120.38	4071.4
Stddev	1.5	38.	15.3	3.26	30.8
%RSD	.05063	.05657	.26428	2.7042	.75685
#1	3007.7	66537.	5791.6	118.07	4049.6
#2	3009.9	66591.	5770.0	122.68	4093.2

Sample Name: CCV10 Acquired: 10/4/2018 19:59:12 Type: Unk
Method: P4-ICP2(v2478) 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	4.9497	5.0005	4.8792	5.0291	5.0102	10.378	10.158
Stddev	.0226	.0004	.0067	.0028	.0150	.011	.029
%RSD	.45567	.00722	.13761	.05634	.29989	.10447	.28073

#1	4.9656	5.0002	4.8745	5.0271	4.9996	10.370	10.178
#2	4.9337	5.0007	4.8840	5.0311	5.0208	10.385	10.138

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24858	2.4657	25.164	1.0013	2.4523	1.2458	4.9852
Stddev	.00001	.0040	.055	.0010	.0028	.0045	.0005
%RSD	.00363	.16347	.21976	.09550	.11462	.35849	.01072

#1	.24859	2.4628	25.125	1.0019	2.4503	1.2490	4.9848
#2	.24858	2.4685	25.203	1.0006	2.4543	1.2427	4.9856

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5182	24.151	2.4506	1.2734	25.169	2.5203	2.4812
Stddev	.0030	.216	.0040	.0011	.090	.0004	.0032
%RSD	.11880	.89293	.16163	.08288	.35713	.01466	.12708

#1	2.5203	23.999	2.4478	1.2726	25.233	2.5206	2.4835
#2	2.5161	24.304	2.4534	1.2741	25.106	2.5200	2.4790

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.759	5.0827	4.8798	4.8842	4.8059	4.8836	4.9329
Stddev	.047	.0028	.0151	.0005	.0069	.0089	.0173
%RSD	.18147	.05424	.30884	.01069	.14291	.18135	.34959

#1	25.792	5.0846	4.8692	4.8846	4.8107	4.8773	4.9207
#2	25.726	5.0807	4.8905	4.8839	4.8010	4.8898	4.9451

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	5.2852	5.057	4.9896	F 1.7461	F 3.3355
Stddev	.0106	.018	.0096	.1740	.0619
%RSD	.20034	.3499	.19304	9.9660	1.8545

#1	5.2927	5.044	4.9964	1.8691	3.2918
#2	5.2777	5.069	4.9828	1.6230	3.3793

Sample Name: CCV10 Acquired: 10/4/2018 19:59:12 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3028.7	68194.	5723.6	116.94	4145.9
Stddev	9.4	66.	9.6	.49	7.0
%RSD	.31184	.09637	.16685	.41586	.16793
#1	3022.1	68147.	5716.9	116.60	4140.9
#2	3035.4	68240.	5730.4	117.29	4150.8

Sample Name: CCB10 Acquired: 10/4/2018 20:02:56 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00047	-.00152	-.00087	-.00509	.00067	-.00058	.00053
Stddev	.00035	.00072	.00086	.00230	.00035	.00073	.00021
%RSD	74.696	47.228	98.369	45.230	52.838	126.40	39.128

#1	-.00022	-.00203	-.00027	-.00346	.00091	-.00110	.00068
#2	-.00072	-.00101	-.00148	-.00672	.00042	-.00006	.00039

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.00015	.02230	.00017	-.00012	.00069	-.00642
Stddev	.00003	.00007	.01811	.00055	.00008	.00006	.00343
%RSD	229.60	45.930	81.229	325.43	67.799	8.7958	53.479

#1	-.00001	.00010	.00949	.00056	-.00006	.00073	-.00399
#2	.00003	.00020	.03510	-.00022	-.00018	.00065	-.00885

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00025	.02689	.00032	-.00092	.07731	.00020	.00049
Stddev	.00005	.01469	.00006	.00064	.00291	.00028	.00002
%RSD	17.864	54.651	19.509	69.129	3.7664	141.39	4.9450

#1	.00022	.03728	.00036	-.00047	.07525	.00040	.00050
#2	.00029	.01650	.00027	-.00138	.07936	.00000	.00047

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01552	.00110	-.00672	-.00998	-.00321	-.00052	.00139
Stddev	.01314	.00023	.00249	.00412	.00309	.00009	.00038
%RSD	84.653	21.239	36.993	41.260	96.202	17.614	27.658

#1	.02481	.00127	-.00496	-.00707	-.00540	-.00058	.00112
#2	.00623	.00094	-.00848	-.01290	-.00103	-.00045	.00166

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	F .00573	.0006	.00014	F<.00000	F .34644		
Stddev	.00155	.0005	.00001	.19604	.17995		
%RSD	27.054	93.36	9.0612	17.925	51.942		

#1	.00464	.0009	.00013	-1.2323	.21920		
#2	.00683	.0002	.00015	-.95501	.47369		

Sample Name: CCB10 Acquired: 10/4/2018 20:02:56 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3176.1	72037.	5800.4	121.61	4605.0
Stddev	1.9	183.	31.7	.01	3.8
%RSD	.05981	.25415	.54714	.00837	.08188
#1	3177.4	71908.	5778.0	121.61	4607.7
#2	3174.7	72167.	5822.9	121.62	4602.4

Sample Name: J5221-03 Acquired: 10/4/2018 20:07:02 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB13942 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00272	-.00157	.00012	-.00279	-.00351	-.00923	.01969	.00011
Stddev	.00101	.00049	.00175	.00102	.00144	.01155	.00039	.00004
%RSD	37.362	31.124	1490.5	36.585	41.155	125.10	1.9972	32.900

#1	.00200	-.00122	-.00112	-.00207	-.00249	-.00107	.01997	.00014
#2	.00343	-.00191	.00135	-.00351	-.00453	-.01740	.01941	.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	41.243	-.00068	-.00021	.00158	-.01571	.00216	62.600
Stddev	.00004	.136	.00035	.00018	.00035	.00855	.00002	.254
%RSD	84.828	.32921	50.796	82.582	21.882	54.415	1.1024	.40531

#1	-.00002	41.339	-.00093	-.00034	.00182	-.00966	.00218	62.779
#2	-.00008	41.147	-.00044	-.00009	.00133	-.02175	.00214	62.420

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00057	-.00082	512.95	.00067	.00038	20.947	.00068	.22137
Stddev	.00005	.00023	1.69	.00013	.00006	.061	.00007	.00505
%RSD	9.1898	27.480	.32910	19.986	15.889	.29341	9.8863	2.2827

#1	-.00053	-.00066	514.14	.00058	.00034	20.990	.00073	.21780
#2	-.00061	-.00098	511.76	.00077	.00042	20.903	.00063	.22495

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	46.126	.85876	-.01607	.00021	.00998	.0636	.44883	2.9674
Stddev	.256	.01395	.00121	.00126	.00003	.0017	.00220	.4163
%RSD	.55592	1.6249	7.5245	607.26	.27463	2.625	.49035	14.030

#1	45.945	.86863	-.01692	.00109	.01000	.0624	.45038	2.6730
#2	46.307	.84890	-.01521	-.00068	.00997	.0648	.44727	3.2618

Elem	U_3859
Units	ppm
Avg	3.2177
Stddev	.4492
%RSD	13.960

#1	3.5354
#2	2.9001

Sample Name: J5221-03 Acquired: 10/4/2018 20:07:02 Type: Unk
 Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB13942 Custom ID2: Custom ID3:
 Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3012.2	66446.	5768.6	121.01	4062.0
Stddev	13.6	329.	3.5	.39	23.5
%RSD	.45263	.49549	.06071	.32055	.57750
#1	3021.8	66679.	5766.1	121.29	4078.6
#2	3002.6	66213.	5771.1	120.74	4045.4

Sample Name: J5221-04 Acquired: 10/4/2018 20:11:10 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00226	-.00072	-.00044	-.00269	-.00322	.00425	.01981	.00007
Stddev	.00352	.00223	.00006	.00109	.00061	.02072	.00038	.00004
%RSD	155.79	308.96	12.615	40.459	19.070	487.80	1.9400	55.679

#1	.00475	.00085	-.00048	-.00345	-.00366	.01890	.01953	.00004
#2	-.00023	-.00229	-.00040	-.00192	-.00279	-.01040	.02008	.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	40.072	-.00037	-.00031	.00123	-.01503	.00224	58.201
Stddev	.00004	.063	.00019	.00030	.00033	.00342	.00009	.017
%RSD	6158.5	.15835	50.435	97.288	27.128	22.743	4.0620	.02865

#1	-.00003	40.027	-.00050	-.00010	.00099	-.01261	.00230	58.213
#2	.00003	40.117	-.00024	-.00053	.00146	-.01745	.00217	58.189

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00079	-.00039	475.81	.00139	.00030	19.513	.00079	.20484
Stddev	.00004	.00002	.52	.00020	.00004	.107	.00010	.00892
%RSD	4.9654	6.1399	.11001	14.144	14.802	.54637	12.121	4.3550

#1	-.00077	-.00041	475.44	.00153	.00026	19.438	.00072	.19853
#2	-.00082	-.00037	476.18	.00125	.00033	19.589	.00086	.21115

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	42.583	.85511	-.01606	.00108	.00752	.0636	.42192	3.9423
Stddev	.006	.00066	.00064	.00002	.00144	.0020	.00043	.0969
%RSD	.01524	.07727	3.9535	1.6515	19.172	3.074	.10113	2.4590

#1	42.588	.85464	-.01561	.00109	.00854	.0650	.42162	3.8737
#2	42.578	.85558	-.01651	.00106	.00650	.0622	.42222	4.0108

Elem	U_3859
Units	ppm
Avg	3.1343
Stddev	.2313
%RSD	7.3794

#1	2.9708
#2	3.2979

Sample Name: J5221-04 Acquired: 10/4/2018 20:11:10 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2975.9	65671.	5619.8	118.12	4030.0
Stddev	11.3	101.	7.9	1.15	19.3
%RSD	.37941	.15389	.14070	.97692	.47934
#1	2968.0	65742.	5625.4	118.94	4016.3
#2	2983.9	65599.	5614.2	117.30	4043.6

Sample Name: J5221-05 Acquired: 10/4/2018 20:15:18 Type: Unk
 Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00389	-.00202	-.00071	-.00273	-.00465	.00544	.02082	.00008
Stddev	.00135	.00089	.00022	.00069	.00005	.00899	.00052	.00002
%RSD	34.736	44.053	31.120	25.286	1.1235	165.17	2.4853	24.615

#1	.00293	-.00265	-.00055	-.00224	-.00462	.01180	.02118	.00010
#2	.00484	-.00139	-.00086	-.00321	-.00469	-.00091	.02045	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	42.907	-.00080	-.00044	.00141	-.01775	.00207	68.706
Stddev	.00007	.685	.00043	.00016	.00034	.00330	.00003	.301
%RSD	178.43	1.5955	53.787	35.935	24.290	18.608	1.6822	.43809

#1	.00001	43.391	-.00111	-.00033	.00165	-.02009	.00205	68.918
#2	-.00009	42.423	-.00050	-.00055	.00117	-.01542	.00210	68.493

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00058	-.00053	552.79	.00130	.00187	22.985	.00085	.23637
Stddev	.00030	.00049	8.90	.00016	.00011	.313	.00000	.00559
%RSD	51.933	92.164	1.6109	12.606	6.1295	1.3596	.25780	2.3666

#1	-.00080	-.00018	559.09	.00118	.00195	23.206	.00085	.24032
#2	-.00037	-.00087	546.49	.00141	.00179	22.764	.00085	.23241

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	50.805	.85991	-.01757	-.00004	.00976	.0668	.48147	4.6181
Stddev	.256	.01367	.00001	.00044	.00079	.0011	.00658	1.1064
%RSD	.50469	1.5900	.04927	1246.3	8.0560	1.594	1.3659	23.958

#1	50.986	.86958	-.01757	-.00035	.00921	.0675	.48612	5.4004
#2	50.623	.85024	-.01758	.00028	.01032	.0660	.47682	3.8357

Elem	U_3859
Units	ppm
Avg	2.9456
Stddev	.0228
%RSD	.77295

#1	2.9295
#2	2.9617

Sample Name: J5221-05 Acquired: 10/4/2018 20:15:18 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2987.6	65419.	5774.8	122.69	4048.2
Stddev	10.7	335.	80.3	2.45	20.3
%RSD	.35800	.51228	1.3898	1.9973	.50161
#1	2980.0	65182.	5718.0	120.95	4033.8
#2	2995.2	65656.	5831.5	124.42	4062.6

Sample Name: J5221-06 Acquired: 10/4/2018 20:19:25 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00439	-.00078	.00049	-.00409	-.00417	.00063	.02043	.00007
Stddev	.00177	.00043	.00034	.00107	.00129	.01294	.00078	.00008
%RSD	40.285	55.088	68.829	26.094	30.871	2059.4	3.8136	118.83
#1	.00314	-.00048	.00072	-.00334	-.00326	.00978	.01988	.00012
#2	.00564	-.00108	.00025	-.00485	-.00508	-.00852	.02098	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	43.268	-.00001	-.00024	.00117	-.00973	.00177	69.303
Stddev	.00006	.091	.00000	.00017	.00053	.00162	.00010	.334
%RSD	137.24	.21122	31.909	69.834	45.053	16.660	5.6086	.48243
#1	-.00000	43.332	-.00001	-.00012	.00080	-.00859	.00185	69.067
#2	-.00009	43.203	-.00001	-.00036	.00154	-.01088	.00170	69.540

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00112	-.00085	558.59	.00146	.00103	23.335	.00093	.23342
Stddev	.00005	.00007	.84	.00033	.00017	.027	.00015	.00219
%RSD	4.2478	8.7126	.14998	22.720	16.303	.11382	16.385	.94019
#1	-.00115	-.00090	557.99	.00169	.00115	23.316	.00103	.23187
#2	-.00108	-.00079	559.18	.00122	.00091	23.354	.00082	.23497

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	51.727	.87018	-.02022	-.00024	.01141	.0709	.48715	3.4043
Stddev	.298	.01170	.00040	.00108	.00008	.0013	.00014	2.0572
%RSD	.57632	1.3441	1.9981	444.75	.65750	1.826	.02824	60.430
#1	51.516	.86191	-.01993	-.00101	.01146	.0700	.48705	4.8590
#2	51.937	.87845	-.02050	.00052	.01136	.0719	.48725	1.9496

Elem	U_3859
Units	ppm
Avg	2.8589
Stddev	.3955
%RSD	13.832
#1	3.1385
#2	2.5793

Sample Name: J5221-06 Acquired: 10/4/2018 20:19:25 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2912.7	66968.	5617.8	116.74	3931.0
Stddev	2.1	4140.	20.1	1.57	16.8
%RSD	.07054	6.1823	.35767	1.3484	.42639
#1	2911.2	64041.	5632.1	115.63	3942.8
#2	2914.2	69896.	5603.6	117.85	3919.1

Sample Name: J5221-07 Acquired: 10/4/2018 20:23:33 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7529 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00218	.00004	.00040	-.00017	-.00391	-.00479	.02071	.00009
Stddev	.00003	.00066	.00122	.00099	.00001	.00302	.00058	.00006
%RSD	1.2743	1498.7	301.47	593.57	.27461	63.104	2.8008	58.854

#1	.00220	-.00043	.00127	.00054	-.00390	-.00265	.02030	.00006
#2	.00216	.00051	-.00046	-.00087	-.00392	-.00692	.02112	.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	41.931	-.00007	-.00026	.00187	-.01091	.00217	64.106
Stddev	.00010	.020	.00028	.00036	.00040	.00191	.00004	.331
%RSD	460.39	.04882	392.74	135.18	21.580	17.490	2.0608	.51662

#1	.00005	41.916	-.00027	-.00001	.00216	-.01226	.00220	63.872
#2	-.00009	41.945	.00013	-.00052	.00159	-.00956	.00214	64.340

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00045	-.00046	515.80	.00132	.00210	21.605	.00065	.23272
Stddev	.00002	.00078	1.71	.00034	.00001	.077	.00014	.00857
%RSD	4.2505	170.15	.33245	25.543	.39025	.35638	21.509	3.6844

#1	-.00044	.00009	514.58	.00108	.00211	21.550	.00074	.22666
#2	-.00047	-.00101	517.01	.00156	.00210	21.659	.00055	.23879

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	47.301	.86542	-.01771	.00077	.00849	.0678	.45701	4.0377
Stddev	.098	.00289	.00044	.00045	.00095	.0014	.00008	.5780
%RSD	.20753	.33351	2.4692	57.531	11.195	2.016	.01776	14.315

#1	47.232	.86338	-.01802	.00046	.00916	.0688	.45695	3.6290
#2	47.371	.86746	-.01741	.00109	.00782	.0668	.45707	4.4465

Elem	U_3859
Units	ppm
Avg	3.3951
Stddev	.0869
%RSD	2.5601

#1	3.3336
#2	3.4565

Sample Name: J5221-07 Acquired: 10/4/2018 20:23:33 Type: Unk
 Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA7529 Custom ID2: Custom ID3:
 Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2956.4	64830.	5658.3	120.27	3998.4
Stddev	.2	174.	31.4	.43	13.2
%RSD	.00587	.26903	.55502	.35976	.33021
#1	2956.2	64707.	5680.5	119.97	4007.8
#2	2956.5	64954.	5636.1	120.58	3989.1

Sample Name: J5221-08 Acquired: 10/4/2018 20:27:41 Type: Unk
Method: P4-ICP2(v2478) 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	.00241	-.00095	-.00027	-.00022	-.00475	-.01415	.02025	.00004
Stddev	.00197	.00082	.00099	.00619	.00045	.01502	.00104	.00001
%RSD	81.479	87.055	372.33	2848.4	9.5137	106.15	5.1288	18.814

#1	.00102	-.00036	.00043	.00416	-.00443	-.00353	.02099	.00005
#2	.00381	-.00153	-.00096	-.00459	-.00507	-.02477	.01952	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	41.931	-.00044	-.00032	.00121	-.02181	.00184	64.497
Stddev	.00005	.491	.00007	.00002	.00030	.01245	.00003	.101
%RSD	322.60	1.1711	14.889	6.0065	24.977	57.079	1.6704	.15671

#1	.00002	42.278	-.00040	-.00030	.00142	-.01301	.00182	64.568
#2	-.00006	41.584	-.00049	-.00033	.00100	-.03061	.00186	64.425

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00031	-.00065	517.84	.00119	.00025	21.851	.00083	.22526
Stddev	.00042	.00003	7.77	.00013	.00007	.178	.00029	.01078
%RSD	134.91	4.6352	1.5005	10.798	25.820	.81591	35.454	4.7847

#1	-.00001	-.00068	523.33	.00110	.00021	21.977	.00062	.23289
#2	-.00061	-.00063	512.34	.00129	.00030	21.725	.00104	.21764

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	49.101	.86270	-.01839	.00258	.00896	.0672	.46064	4.4229
Stddev	.160	.01064	.00025	.00083	.00047	.0001	.00547	.1893
%RSD	.32561	1.2334	1.3829	32.052	5.2319	.0793	1.1883	4.2789

#1	49.214	.87023	-.01857	.00200	.00863	.0672	.46451	4.2891
#2	48.988	.85518	-.01821	.00317	.00929	.0672	.45677	4.5567

Elem	U_3859
Units	ppm
Avg	2.9589
Stddev	.7437
%RSD	25.135

#1	2.4330
#2	3.4848

Sample Name: J5221-08 Acquired: 10/4/2018 20:27:41 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2884.5	64464.	5673.7	118.47	3922.3
Stddev	25.1	31.	65.4	.41	9.0
%RSD	.86909	.04743	1.1528	.34640	.22932
#1	2866.8	64486.	5627.5	118.76	3916.0
#2	2902.3	64442.	5720.0	118.18	3928.7

Sample Name: J5221-09 Acquired: 10/4/2018 20:31:50 Type: Unk
Method: P4-ICP2(v2478) 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	.00134	-.00315	.00001	.00009	-.00430	-.00818	.02018	.00005
Stddev	.00016	.00109	.00053	.00286	.00232	.00293	.00003	.00001
%RSD	11.632	34.524	4781.1	3357.8	54.006	35.801	.14961	23.635
#1	.00123	-.00238	-.00036	-.00194	-.00266	-.00611	.02016	.00004
#2	.00145	-.00392	.00039	.00211	-.00595	-.01025	.02020	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	44.772	-.00042	-.00033	.00103	-.01339	.00545	74.619
Stddev	.00001	.149	.00079	.00010	.00013	.00986	.00008	.193
%RSD	17.569	.33219	188.93	30.491	12.920	73.674	1.4429	.25841
#1	-.00007	44.877	-.00098	-.00040	.00113	-.00641	.00539	74.483
#2	-.00008	44.666	.00014	-.00026	.00094	-.02036	.00550	74.755

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00085	-.00087	594.06	.00125	.00040	25.280	.00055	.26217
Stddev	.00007	.00029	2.53	.00033	.00002	.033	.00026	.01000
%RSD	8.7273	32.837	.42641	26.432	5.4586	.12892	47.286	3.8152
#1	-.00080	-.00107	595.85	.00149	.00038	25.257	.00037	.26924
#2	-.00091	-.00067	592.26	.00102	.00041	25.303	.00073	.25510

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	56.603	.85701	-.02152	-.00049	.01103	.0705	.52024	4.8012
Stddev	.079	.00966	.00013	.00048	.00048	.0014	.00019	.2412
%RSD	.13988	1.1274	.59414	97.613	4.3614	2.001	.03574	5.0246
#1	56.547	.86384	-.02161	-.00083	.01069	.0695	.52037	4.6306
#2	56.659	.85017	-.02143	-.00015	.01137	.0715	.52011	4.9718

Elem	U_3859
Units	ppm
Avg	3.0349
Stddev	.1405
%RSD	4.6280
#1	3.1343
#2	2.9356

Sample Name: J5221-09 Acquired: 10/4/2018 20:31:50 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2892.7	63988.	5674.4	118.67	3931.9
Stddev	9.9	123.	13.6	.64	10.5
%RSD	.34187	.19254	.24033	.54195	.26680
#1	2885.7	64075.	5664.8	118.21	3924.5
#2	2899.7	63901.	5684.1	119.12	3939.3

Sample Name: J5221-10 Acquired: 10/4/2018 20:35:58 Type: Unk
Method: P4-ICP2(v2478) 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	.00289	-.00071	-.00050	-.00310	-.00422	.00775	.01928	.00004
Stddev	.00173	.00097	.00131	.00229	.00265	.00529	.00049	.00005
%RSD	60.042	135.53	260.35	73.755	62.764	68.243	2.5318	127.68

#1	.00412	-.00003	.00042	-.00148	-.00610	.00401	.01963	.00000
#2	.00166	-.00140	-.00143	-.00472	-.00235	.01149	.01894	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	44.735	-.00037	-.00054	.00153	-.01104	.00501	73.687
Stddev	.00003	.231	.00007	.00008	.00025	.00254	.00006	.389
%RSD	73.314	.51597	17.941	15.830	16.150	22.996	1.2175	.52755

#1	-.00002	44.898	-.00042	-.00060	.00170	-.00924	.00497	73.962
#2	-.00006	44.572	-.00032	-.00048	.00135	-.01283	.00505	73.413

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00089	-.00096	596.93	.00108	.00051	25.047	.00090	.25474
Stddev	.00023	.00053	8.58	.00030	.00001	.065	.00024	.00292
%RSD	25.701	55.324	1.4369	27.561	2.8958	.26042	26.697	1.1447

#1	-.00105	-.00134	603.00	.00087	.00052	25.093	.00073	.25681
#2	-.00073	-.00058	590.87	.00129	.00050	25.001	.00107	.25268

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	55.309	.87610	-.02079	-.00106	.01010	.0697	.51937	3.5027
Stddev	.307	.00008	.00084	.00086	.00010	.0024	.00017	.0105
%RSD	.55523	.00877	4.0555	81.931	.99847	3.450	.03185	.30040

#1	55.092	.87615	-.02020	-.00044	.01003	.0680	.51926	3.4953
#2	55.526	.87604	-.02139	-.00167	.01017	.0714	.51949	3.5101

Elem	U_3859
Units	ppm
Avg	3.0489
Stddev	.2682
%RSD	8.7958

#1	3.2385
#2	2.8592

Sample Name: J5221-10 Acquired: 10/4/2018 20:35:58 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2892.7	64069.	5654.6	115.67	3930.5
Stddev	5.5	180.	19.9	2.71	19.1
%RSD	.19020	.28030	.35142	2.3470	.48647
#1	2896.6	64196.	5640.6	113.75	3944.0
#2	2888.8	63942.	5668.7	117.59	3916.9

Sample Name: J5221-11 Acquired: 10/4/2018 20:40:07 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00417	-.00133	-.00083	-.00343	-.00388	-.01039	.01895	.00014
Stddev	.00347	.00026	.00079	.00131	.00110	.01128	.00047	.00002
%RSD	83.276	19.430	95.772	38.097	28.369	108.58	2.4636	14.712

#1	.00662	-.00151	-.00139	-.00250	-.00310	-.00241	.01862	.00016
#2	.00171	-.00115	-.00027	-.00435	-.00465	-.01836	.01928	.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	37.391	-.00050	-.00008	.00127	-.01438	.00230	51.017
Stddev	.00009	.673	.00024	.00006	.00022	.01798	.00002	.075
%RSD	133.47	1.7990	47.501	74.180	17.293	125.04	.80859	.14624

#1	.00013	37.867	-.00067	-.00004	.00143	-.00167	.00231	51.070
#2	.00000	36.916	-.00033	-.00012	.00111	-.02709	.00228	50.964

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	-.00036	415.67	.00108	.00033	17.274	.00065	.17705
Stddev	.00004	.00048	.07	.00014	.00008	.173	.00006	.00934
%RSD	70.601	133.43	.01740	12.678	23.758	1.0001	8.4472	5.2750

#1	-.00007	-.00002	415.72	.00118	.00038	17.396	.00062	.18365
#2	-.00002	-.00071	415.61	.00099	.00027	17.152	.00069	.17044

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	37.637	.82089	-.01382	-.00007	.00743	.0621	.38076	2.6297
Stddev	.143	.01413	.00056	.00206	.00082	.0002	.00306	.4049
%RSD	.38043	1.7219	4.0378	2872.2	11.054	.3991	.80348	15.396

#1	37.738	.81089	-.01343	-.00153	.00801	.0619	.38292	2.3435
#2	37.536	.83088	-.01422	.00138	.00685	.0623	.37859	2.9160

Elem	U_3859
Units	ppm
Avg	2.9251
Stddev	.1374
%RSD	4.6960

#1	2.8280
#2	3.0222

Sample Name: J5221-11 Acquired: 10/4/2018 20:40:07 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2973.0	65844.	5681.1	120.95	4058.7
Stddev	7.5	329.	17.3	2.73	.6
%RSD	.25375	.49935	.30371	2.2555	.01510
#1	2978.4	65612.	5668.9	119.02	4058.2
#2	2967.7	66077.	5693.3	122.88	4059.1

Sample Name: J5221-12 Acquired: 10/4/2018 20:44:16 Type: Unk
Method: P4-ICP2(v2478) 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	.00831	-.00125	-.00018	-.00273	-.00395	.00172	.01955	.00009
Stddev	.00185	.00095	.00036	.00114	.00057	.02439	.00009	.00006
%RSD	22.217	75.823	194.60	41.859	14.414	1417.9	.43852	72.121

#1	.00700	-.00193	-.00044	-.00192	-.00435	-.01553	.01961	.00013
#2	.00961	-.00058	.00007	-.00354	-.00354	.01897	.01949	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	37.967	.00005	-.00017	.00148	-.01377	.00284	50.215
Stddev	.00009	.001	.00014	.00004	.00044	.00760	.00006	.097
%RSD	146.33	.00253	292.98	24.524	29.537	55.168	2.1041	.19365

#1	.00000	37.966	.00014	-.00020	.00117	-.01915	.00288	50.284
#2	-.00012	37.968	-.00005	-.00014	.00179	-.00840	.00279	50.146

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00022	-.00091	402.25	.00146	.00156	16.823	.00043	.17457
Stddev	.00012	.00004	.54	.00027	.00003	.180	.00030	.00044
%RSD	53.380	3.9161	.13484	18.712	1.8844	1.0719	68.196	.25029

#1	-.00014	-.00089	402.63	.00165	.00154	16.695	.00064	.17426
#2	-.00031	-.00094	401.87	.00126	.00158	16.950	.00022	.17488

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	36.579	.81692	-.01374	-.00025	.00676	.0603	.37541	3.5419
Stddev	.031	.00429	.00003	.00134	.00044	.0001	.00159	.2312
%RSD	.08438	.52535	.21377	534.76	6.5516	.2007	.42380	6.5276

#1	36.600	.81389	-.01377	-.00120	.00708	.0603	.37429	3.3785
#2	36.557	.81996	-.01372	.00070	.00645	.0602	.37654	3.7054

Elem	U_3859
Units	ppm
Avg	3.0928
Stddev	.5311
%RSD	17.172

#1	2.7173
#2	3.4684

Sample Name: J5221-12 Acquired: 10/4/2018 20:44:16 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2983.3	65677.	5640.8	118.22	4084.4
Stddev	8.9	175.	36.5	.80	1.7
%RSD	.29806	.26594	.64769	.67521	.04094
#1	2989.6	65553.	5666.7	118.78	4085.6
#2	2977.0	65800.	5615.0	117.65	4083.2

Sample Name: CCV11 Acquired: 10/4/2018 20:48:24 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: N48719 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8374	4.9001	4.8084	4.9123	4.9021	9.9466	10.117
Stddev	.0019	.0004	.0131	.0030	.0001	.0207	.025
%RSD	.03872	.00809	.27321	.06017	.00187	.20766	.24514

#1	4.8361	4.8998	4.7992	4.9144	4.9021	9.9612	10.135
#2	4.8387	4.9004	4.8177	4.9102	4.9022	9.9320	10.100

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24438	2.4255	24.669	.98628	2.4111	1.2215	4.8361
Stddev	.00035	.0022	.053	.00040	.0050	.0030	.0181
%RSD	.14441	.08904	.21577	.04094	.20643	.24418	.37402

#1	.24463	2.4240	24.707	.98599	2.4076	1.2194	4.8488
#2	.24413	2.4270	24.632	.98656	2.4147	1.2236	4.8233

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4669	23.733	2.4092	1.2551	24.625	2.4782	2.4525
Stddev	.0053	.031	.0024	.0012	.043	.0000	.0045
%RSD	.21282	.13253	.10063	.09772	.17365	.00016	.18326

#1	2.4632	23.756	2.4075	1.2542	24.595	2.4782	2.4556
#2	2.4706	23.711	2.4110	1.2560	24.656	2.4782	2.4493

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.667	5.0047	4.8045	4.8623	4.8176	4.8181	4.8563
Stddev	.032	.0020	.0051	.0091	.0074	.0180	.0115
%RSD	.12370	.04014	.10636	.18638	.15273	.37355	.23757

#1	25.690	5.0032	4.8082	4.8687	4.8228	4.8054	4.8644
#2	25.645	5.0061	4.8009	4.8558	4.8124	4.8308	4.8481

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	5.2447	4.962	4.9643	F 1.0526	F 2.9574
Stddev	.0160	.019	.0042	.3255	.0041
%RSD	.30538	.3880	.08361	30.922	.13934

#1	5.2560	4.948	4.9672	.82244	2.9545
#2	5.2333	4.976	4.9614	1.2827	2.9603

Sample Name: CCV11 Acquired: 10/4/2018 20:48:24 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: N48719 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3044.0	68433.	5647.9	116.70	4154.4
Stddev	.0	1.	11.5	.14	7.8
%RSD	.00063	.00154	.20414	.12355	.18722
#1	3044.1	68434.	5639.8	116.60	4159.9
#2	3044.0	68433.	5656.1	116.80	4148.9

Sample Name: CCB11 Acquired: 10/4/2018 20:52:10 Type: Unk
Method: P4-ICP2(v2478) 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	-.00130	-.00107	-.00132	-.00321	-.00178	-.00058	.00012
Stddev	.00092	.00099	.00039	.00176	.00135	.00094	.00014
%RSD	70.788	92.404	29.377	54.953	76.059	162.94	115.15

#1	-.00065	-.00178	-.00104	-.00196	-.00082	-.00124	.00002
#2	-.00195	-.00037	-.00159	-.00445	-.00274	.00009	.00021

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	.00005	.00854	-.00001	.00005	.00063	.00416
Stddev	.00001	.00004	.00687	.00027	.00007	.00049	.00163
%RSD	9.3611	82.891	80.420	4514.6	149.60	77.611	39.156

#1	-.00007	.00002	.00369	-.00020	.00010	.00097	.00531
#2	-.00008	.00008	.01340	.00019	-.00000	.00028	.00301

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00024	.03728	.00118	-.00124	.14524	.00049	.00029
Stddev	.00006	.01385	.00001	.00000	.00780	.00020	.00008
%RSD	26.312	37.154	1.1788	.22281	5.3718	39.857	27.802

#1	.00029	.02748	.00117	-.00124	.15075	.00035	.00024
#2	.00020	.04707	.00119	-.00124	.13972	.00063	.00035

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03864	.00134	.00691	F .01890	-.00089	-.00125	.00149
Stddev	.03774	.00038	.00546	.00461	.00070	.00047	.00028
%RSD	97.669	28.616	79.075	24.406	77.911	37.617	19.108

#1	.06533	.00161	.00304	.02216	-.00040	-.00092	.00129
#2	.01196	.00107	.01077	.01564	-.00138	-.00159	.00169

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859		
Units	ppm	ppm	ppm	ppm	ppm		
Avg	F .00784	.0015	.00015	F<.00000	F .67529		
Stddev	.00081	.0026	.00012	2.1759	.14774		
%RSD	10.286	166.8	80.111	139.10	21.878		

#1	.00841	-.0003	.00023	-3.1029	.77976		
#2	.00727	.0034	.00006	-.02570	.57082		

Sample Name: CCB11 Acquired: 10/4/2018 20:52:10 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3223.7	74327.	5789.4	122.00	4685.7
Stddev	6.8	2095.	45.8	1.36	7.1
%RSD	.21142	2.8188	.79052	1.1135	.15093
#1	3218.9	75809.	5757.0	121.04	4680.7
#2	3228.5	72846.	5821.7	122.96	4690.7

Sample Name: J5221-13 Acquired: 10/4/2018 20:56:15 Type: Unk
Method: P4-ICP2(v2478) 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	.00143	-.00109	.00028	-.00299	-.00409	-.00881	.01966	.00013
Stddev	.00153	.00140	.00062	.00224	.00200	.00736	.00013	.00001
%RSD	106.99	129.27	225.82	75.019	48.949	83.546	.64456	5.8023

#1	.00251	-.00009	.00072	-.00457	-.00550	-.00361	.01975	.00013
#2	.00035	-.00208	-.00016	-.00140	-.00267	-.01402	.01957	.00014

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	37.533	-.00053	-.00014	.00158	-.00691	.00302	49.912
Stddev	.00010	.034	.00007	.00013	.00054	.00522	.00006	.218
%RSD	334.87	.09010	13.622	92.411	33.793	75.585	2.0847	.43716

#1	.00004	37.509	-.00058	-.00005	.00121	-.00322	.00298	50.066
#2	-.00010	37.556	-.00048	-.00023	.00196	-.01060	.00307	49.757

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00042	-.00088	407.71	.00109	.00095	16.635	.00060	.16872
Stddev	.00007	.00010	1.40	.00030	.00011	.045	.00006	.00823
%RSD	17.614	11.260	.34404	27.140	11.605	.27085	10.700	4.8785

#1	-.00037	-.00094	406.72	.00130	.00103	16.603	.00065	.17454
#2	-.00047	-.00081	408.70	.00088	.00088	16.667	.00056	.16290

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	36.571	.81187	-.01349	.00023	.00603	.0624	.37440	5.3619
Stddev	.184	.00533	.00012	.00139	.00026	.0024	.00015	.2539
%RSD	.50382	.65609	.86011	603.24	4.3688	3.899	.04118	4.7352

#1	36.441	.80811	-.01358	.00121	.00584	.0607	.37430	5.1823
#2	36.702	.81564	-.01341	-.00075	.00622	.0641	.37451	5.5414

Elem	U_3859
Units	ppm
Avg	3.1118
Stddev	.0656
%RSD	2.1093

#1	3.0654
#2	3.1582

Sample Name: J5221-13 Acquired: 10/4/2018 20:56:15 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2977.9	66282.	5663.2	122.14	4052.9
Stddev	16.4	121.	5.7	1.48	33.5
%RSD	.55108	.18240	.10036	1.2146	.82556
#1	2989.5	66196.	5667.2	121.09	4076.6
#2	2966.3	66367.	5659.2	123.19	4029.3

Sample Name: J5221-14 Acquired: 10/4/2018 21:00:24 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00290	-.00127	.00009	-.00211	-.00436	-.00615	.02007	.00002
Stddev	.00076	.00061	.00125	.00312	.00090	.00870	.00048	.00001
%RSD	26.229	48.472	1425.7	147.91	20.567	141.51	2.3706	68.915
#1	.00236	-.00083	.00097	-.00432	-.00373	.00000	.02041	.00001
#2	.00344	-.00170	-.00079	.00010	-.00499	-.01230	.01974	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	37.400	-.00042	-.00023	.00217	-.00098	.00236	48.975
Stddev	.00003	.290	.00010	.00016	.00016	.00955	.00003	.253
%RSD	105.14	.77530	24.784	67.928	7.3207	973.61	1.4329	.51733
#1	.00001	37.195	-.00049	-.00034	.00205	.00577	.00239	48.796
#2	.00005	37.605	-.00034	-.00012	.00228	-.00774	.00234	49.154

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00022	-.00116	399.98	.00130	.00110	16.368	.00063	.16825
Stddev	.00014	.00022	1.10	.00029	.00008	.058	.00014	.00320
%RSD	62.461	18.807	.27387	22.290	7.1979	.35658	21.670	1.8992
#1	.00032	-.00100	400.76	.00150	.00105	16.326	.00054	.16599
#2	.00012	-.00131	399.21	.00109	.00116	16.409	.00073	.17051

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	35.774	.80524	-.01357	-.00050	.00791	.0637	.36871	3.9471
Stddev	.069	.01112	.00013	.00129	.00105	.0039	.00174	.2193
%RSD	.19268	1.3807	.96752	257.37	13.341	6.111	.47129	5.5561
#1	35.726	.79738	-.01348	-.00141	.00865	.0664	.36748	3.7920
#2	35.823	.81310	-.01366	.00041	.00716	.0609	.36994	4.1022

Elem	U_3859
Units	ppm
Avg	2.5497
Stddev	.4968
%RSD	19.485
#1	2.9010
#2	2.1984

Sample Name: J5221-14 Acquired: 10/4/2018 21:00:24 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2997.9	66386.	5664.2	118.52	4077.1
Stddev	10.7	185.	51.1	2.39	2.8
%RSD	.35765	.27885	.90130	2.0137	.06765
#1	3005.4	66517.	5700.3	120.21	4079.0
#2	2990.3	66255.	5628.1	116.84	4075.1

Sample Name: J5221-15 Acquired: 10/4/2018 21:04:32 Type: Unk
Method: P4-ICP2(v2478) 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	.00111	.00009	.00037	.00022	-.00456	-.00909	.01929	.00003
Stddev	.00279	.00077	.00063	.00179	.00106	.00197	.00042	.00002
%RSD	251.99	834.59	168.57	820.70	23.301	21.629	2.1589	63.840

#1	-.00087	.00064	.00082	-.00105	-.00381	-.01047	.01958	.00004
#2	.00309	-.00045	-.00007	.00149	-.00531	-.00770	.01899	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	37.308	-.00028	-.00027	.00180	-.01168	.00238	48.290
Stddev	.00001	.095	.00066	.00018	.00059	.00915	.00012	.383
%RSD	13.206	.25432	238.64	67.243	32.572	78.340	5.0025	.79390

#1	-.00006	37.375	.00019	-.00014	.00222	-.00521	.00230	48.562
#2	-.00005	37.241	-.00074	-.00040	.00139	-.01815	.00247	48.019

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00071	-.00069	395.91	.00090	.00037	16.223	.00110	.16235
Stddev	.00074	.00002	2.06	.00040	.00002	.016	.00030	.00458
%RSD	104.34	2.4252	.52143	44.430	4.7076	.09944	27.280	2.8219

#1	-.00124	-.00068	394.45	.00062	.00036	16.212	.00131	.15911
#2	-.00019	-.00070	397.37	.00118	.00038	16.235	.00089	.16559

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	35.950	.78883	-.01375	-.00046	.00632	.0603	.36532	3.5722
Stddev	.053	.00307	.00076	.00008	.00088	.0020	.00116	.1266
%RSD	.14642	.38879	5.5185	17.141	13.949	3.291	.31878	3.5450

#1	35.987	.79100	-.01428	-.00051	.00569	.0617	.36450	3.4826
#2	35.913	.78666	-.01321	-.00040	.00694	.0589	.36614	3.6617

Elem	U_3859
Units	ppm
Avg	2.6344
Stddev	.5998
%RSD	22.768

#1	2.2103
#2	3.0585

Sample Name: J5221-15 Acquired: 10/4/2018 21:04:32 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2977.4	65990.	5732.3	121.33	4058.3
Stddev	23.6	123.	8.9	.26	31.4
%RSD	.79275	.18584	.15602	.21737	.77260
#1	2960.7	66076.	5738.7	121.14	4036.1
#2	2994.1	65903.	5726.0	121.52	4080.5

Sample Name: J5221-16 Acquired: 10/4/2018 21:08:40 Type: Unk
Method: P4-ICP2(v2478) 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	-.00080	-.00177	-.00391	-.00418	-.01109	.01843	.00007
Stddev	.00230	.00105	.00087	.00344	.00056	.00418	.00029	.00003
%RSD	81.144	130.06	49.040	87.802	13.307	37.675	1.5527	39.044

#1	.00446	-.00006	-.00116	-.00634	-.00379	-.00813	.01863	.00008
#2	.00121	-.00154	-.00238	-.00148	-.00458	-.01404	.01822	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	36.930	-.00033	-.00027	.00131	-.00992	.00213	47.371
Stddev	.00001	.136	.00005	.00003	.00027	.00326	.00000	.177
%RSD	96.819	.36894	13.730	11.836	20.923	32.903	.13303	.37348

#1	.00001	37.026	-.00030	-.00029	.00112	-.01223	.00213	47.496
#2	.00000	36.833	-.00036	-.00024	.00151	-.00761	.00212	47.246

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00023	-.00141	384.47	.00127	.00023	16.014	.00042	.16851
Stddev	.00018	.00030	1.32	.00014	.00000	.050	.00003	.00374
%RSD	78.620	21.524	.34245	10.834	.22252	.31269	7.1986	2.2208

#1	-.00036	-.00163	383.54	.00117	.00023	16.049	.00040	.16586
#2	-.00010	-.00120	385.40	.00137	.00023	15.979	.00045	.17115

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	35.030	.78968	-.01419	.00028	.00706	.0604	.36149	2.5466
Stddev	.156	.00208	.00118	.00117	.00047	.0010	.00040	.1300
%RSD	.44597	.26309	8.3074	420.82	6.6484	1.617	.11054	5.1046

#1	35.140	.78821	-.01335	.00110	.00739	.0611	.36121	2.4546
#2	34.919	.79115	-.01502	-.00055	.00673	.0597	.36177	2.6385

Elem	U_3859
Units	ppm
Avg	2.4962
Stddev	.6745
%RSD	27.020

#1	2.0193
#2	2.9731

Sample Name: J5221-16 Acquired: 10/4/2018 21:08:40 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3019.4	66907.	5760.2	122.02	4123.2
Stddev	4.7	437.	13.7	.06	5.2
%RSD	.15661	.65311	.23853	.04634	.12728
#1	3016.1	67216.	5769.9	122.06	4119.5
#2	3022.8	66598.	5750.5	121.98	4126.9

Sample Name: J5241-02 Acquired: 10/4/2018 21:12:49 Type: Unk
Method: P4-ICP2(v2478) 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	.00450	-.00168	.00028	.00056	-.00392	-.00288	.01919	.00002
Stddev	.00103	.00041	.00030	.00346	.00095	.01235	.00010	.00005
%RSD	22.928	24.159	108.68	621.17	24.298	428.75	.50766	294.20

#1	.00377	-.00197	.00049	.00300	-.00325	-.01162	.01926	-.00002
#2	.00523	-.00139	.00006	-.00189	-.00460	.00585	.01912	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	38.909	-.00014	-.00031	.00201	-.01043	.00320	54.973
Stddev	.00002	.078	.00007	.00004	.00070	.00426	.00005	.421
%RSD	40.590	.20048	52.698	14.489	34.825	40.841	1.5851	.76667

#1	-.00004	38.964	-.00019	-.00034	.00152	-.00742	.00316	54.675
#2	-.00008	38.854	-.00009	-.00027	.00251	-.01344	.00323	55.271

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	-.00026	449.43	.00137	.00139	18.909	.00100	.18344
Stddev	.00014	.00061	.22	.00042	.00011	.006	.00012	.00763
%RSD	104.79	234.66	.04850	30.608	8.1231	.03012	11.847	4.1578

#1	-.00003	-.00069	449.28	.00166	.00131	18.913	.00091	.17805
#2	-.00023	.00017	449.59	.00107	.00147	18.905	.00108	.18883

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	41.138	.85108	-.01590	.00080	.00759	.0668	.40644	3.5182
Stddev	.037	.01515	.00111	.00103	.00053	.0014	.00057	.0654
%RSD	.08937	1.7802	6.9785	128.97	6.9938	2.126	.14025	1.8591

#1	41.112	.84036	-.01668	.00007	.00796	.0658	.40684	3.5644
#2	41.164	.86179	-.01511	.00152	.00721	.0678	.40604	3.4719

Elem	U_3859
Units	ppm
Avg	2.9805
Stddev	.5548
%RSD	18.614

#1	2.5882
#2	3.3728

Sample Name: J5241-02 Acquired: 10/4/2018 21:12:49 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2933.5	64947.	5698.3	121.43	4008.5
Stddev	4.9	299.	8.5	1.30	1.9
%RSD	.16841	.46078	.14973	1.0668	.04838
#1	2930.0	64735.	5704.3	122.35	4009.9
#2	2937.0	65158.	5692.3	120.52	4007.1

Sample Name: J5241-03 Acquired: 10/4/2018 21:16:57 Type: Unk
Method: P4-ICP2(v2478) 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	.00502	-.00150	-.00037	-.00188	-.00494	-.00074	.02081	-.00000
Stddev	.00101	.00069	.00020	.00040	.00105	.00744	.00022	.00004
%RSD	20.049	46.016	54.307	21.243	21.369	1009.1	1.0493	1089.3

#1	.00431	-.00199	-.00023	-.00216	-.00419	.00452	.02066	.00002
#2	.00573	-.00101	-.00052	-.00160	-.00568	-.00600	.02097	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	39.314	-.00059	-.00016	.00097	-.00660	.00513	55.724
Stddev	.00006	.277	.00037	.00015	.00012	.00097	.00005	.228
%RSD	95.533	.70492	61.705	98.376	12.256	14.650	1.0154	.40885

#1	-.00002	39.510	-.00085	-.00005	.00105	-.00591	.00509	55.885
#2	-.00011	39.118	-.00033	-.00026	.00088	-.00728	.00517	55.563

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00064	-.00061	452.96	.00152	.00134	19.075	.00067	.18484
Stddev	.00012	.00067	2.59	.00013	.00001	.020	.00014	.00765
%RSD	19.081	109.29	.57078	8.4907	.97899	.10491	21.297	4.1364

#1	-.00056	-.00108	454.79	.00161	.00133	19.089	.00077	.19025
#2	-.00073	-.00014	451.13	.00143	.00135	19.061	.00057	.17944

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	41.228	.87165	-.01494	.00020	.00858	.0656	.41086	4.5458
Stddev	.073	.00480	.00078	.00044	.00077	.0010	.00191	.4456
%RSD	.17608	.55046	5.2343	220.61	8.9855	1.470	.46486	9.8034

#1	41.176	.87505	-.01549	.00051	.00913	.0663	.41221	4.2307
#2	41.279	.86826	-.01438	-.00011	.00804	.0649	.40951	4.8609

Elem	U_3859
Units	ppm
Avg	2.9318
Stddev	.3000
%RSD	10.233

#1	2.7197
#2	3.1439

Sample Name: J5241-03 Acquired: 10/4/2018 21:16:57 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2934.0	64752.	5587.5	118.02	4012.6
Stddev	.3	171.	29.6	.44	4.1
%RSD	.01182	.26376	.52945	.37110	.10135
#1	2934.3	64872.	5566.6	117.71	4009.8
#2	2933.8	64631.	5608.5	118.33	4015.5

Sample Name: J5241-04 Acquired: 10/4/2018 21:21:05 Type: Unk
Method: P4-ICP2(v2478) 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	.00468	-.00010	.00054	.00023	-.00406	.00867	.01920	.00010
Stddev	.00107	.00119	.00083	.00342	.00046	.00005	.00020	.00004
%RSD	22.883	1243.2	155.48	1458.0	11.285	.57496	1.0579	35.765

#1	.00544	.00075	-.00005	.00266	-.00374	.00864	.01905	.00007
#2	.00392	-.00094	.00113	-.00219	-.00439	.00871	.01934	.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	39.728	-.00045	-.00022	.00093	.00052	.00328	57.413
Stddev	.00008	.047	.00058	.00002	.00078	.00239	.00001	.071
%RSD	266.71	.11735	128.61	8.8980	83.730	461.71	.20482	.12408

#1	.00003	39.761	-.00087	-.00021	.00038	-.00117	.00328	57.363
#2	-.00008	39.695	-.00004	-.00024	.00148	.00221	.00327	57.463

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00118	-.00148	463.44	.00125	.00023	19.307	.00077	.18967
Stddev	.00048	.00004	2.94	.00024	.00009	.123	.00013	.00307
%RSD	40.463	2.8860	.63503	19.004	37.017	.63742	16.371	1.6176

#1	-.00084	-.00145	465.52	.00108	.00017	19.394	.00068	.19184
#2	-.00152	-.00151	461.35	.00142	.00029	19.220	.00086	.18750

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	42.320	.87036	-.01468	-.00043	.00982	.0681	.41696	3.8374
Stddev	.110	.00057	.00018	.00096	.00091	.0015	.00158	.5850
%RSD	.25937	.06567	1.2387	226.32	9.2957	2.241	.37925	15.245

#1	42.398	.86996	-.01481	-.00111	.01047	.0670	.41808	3.4238
#2	42.243	.87077	-.01455	.00026	.00918	.0692	.41585	4.2511

Elem	U_3859
Units	ppm
Avg	2.9338
Stddev	.4645
%RSD	15.832

#1	3.2622
#2	2.6053

Sample Name: J5241-04 Acquired: 10/4/2018 21:21:05 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2916.7	64417.	5576.6	115.46	3984.3
Stddev	14.7	300.	.8	2.08	8.5
%RSD	.50420	.46571	.01367	1.7985	.21381
#1	2927.1	64629.	5577.2	116.92	3990.3
#2	2906.3	64205.	5576.1	113.99	3978.2

Sample Name: J5241-05 Acquired: 10/4/2018 21:25:13 Type: Unk
Method: P4-ICP2(v2478) 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	.00136	-.00189	-.00072	-.00261	-.00450	.00148	.01917	.00006
Stddev	.00151	.00013	.00023	.00235	.00058	.01728	.00006	.00002
%RSD	110.68	7.1431	32.250	90.280	12.851	1164.8	.30642	31.068
#1	.00030	-.00179	-.00088	-.00427	-.00490	-.01074	.01921	.00007
#2	.00243	-.00198	-.00055	-.00094	-.00409	.01370	.01913	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	37.813	-.00071	-.00036	.00148	-.01735	.00301	51.445
Stddev	.00001	.195	.00041	.00015	.00005	.00905	.00004	.177
%RSD	21.438	.51695	58.061	42.092	3.1390	52.149	1.3430	.34369
#1	-.00005	37.951	-.00042	-.00047	.00145	-.02375	.00298	51.570
#2	-.00007	37.675	-.00100	-.00025	.00151	-.01095	.00303	51.320

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00054	-.00106	414.34	.00073	.00049	17.571	.00075	.17682
Stddev	.00016	.00006	.29	.00024	.00003	.077	.00017	.00503
%RSD	30.136	5.5472	.06919	32.497	6.7928	.43936	22.876	2.8466
#1	-.00042	-.00101	414.14	.00056	.00047	17.625	.00087	.17326
#2	-.00065	-.00110	414.54	.00090	.00051	17.516	.00063	.18038

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	37.747	.85339	-.01421	-.00064	.00841	.0633	.38437	3.0543
Stddev	.053	.00074	.00116	.00256	.00116	.0025	.00026	.6851
%RSD	.13929	.08620	8.1659	401.04	13.806	4.002	.06774	22.430
#1	37.710	.85391	-.01503	-.00244	.00923	.0615	.38418	2.5699
#2	37.785	.85287	-.01339	.00117	.00759	.0651	.38455	3.5387

Elem	U_3859
Units	ppm
Avg	2.6832
Stddev	.3368
%RSD	12.554
#1	2.4450
#2	2.9214

Sample Name: J5241-05 Acquired: 10/4/2018 21:25:13 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2948.3	65450.	5599.5	117.61	4033.5
Stddev	10.1	.	7.2	.08	9.0
%RSD	.34207	.00070	.12825	.06915	.22199
#1	2955.4	65450.	5604.6	117.55	4039.9
#2	2941.1	65449.	5594.5	117.67	4027.2

Sample Name: J5241-06 Acquired: 10/4/2018 21:29:22 Type: Unk
Method: P4-ICP2(v2478) 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	.00221	-.00120	-.00087	-.00247	-.00408	-.00384	.01846	.00008
Stddev	.00140	.00146	.00012	.00290	.00256	.01068	.00010	.00009
%RSD	63.200	122.36	14.093	117.71	62.693	278.18	.52557	109.58
#1	.00320	-.00223	-.00096	-.00452	-.00227	.00371	.01839	.00002
#2	.00123	-.00016	-.00079	-.00041	-.00588	-.01139	.01853	.00015

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	35.771	-.00084	-.00032	.00110	-.00266	.00268	45.885
Stddev	.00003	.862	.00005	.00002	.00020	.01251	.00023	.093
%RSD	572.58	2.4108	6.0785	6.6040	18.216	470.23	8.5762	.20288
#1	.00003	36.381	-.00088	-.00033	.00124	-.01150	.00252	45.819
#2	-.00002	35.161	-.00081	-.00030	.00096	.00618	.00285	45.951

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00021	-.00162	365.79	.00085	.00024	15.324	.00053	.15676
Stddev	.00019	.00031	2.15	.00095	.00002	.095	.00024	.00056
%RSD	91.257	19.328	.58715	112.52	7.4499	.61892	44.578	.35870
#1	-.00007	-.00140	367.31	.00152	.00023	15.392	.00036	.15715
#2	-.00034	-.00185	364.27	.00017	.00026	15.257	.00070	.15636

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	33.253	.83285	-.01277	.00190	.00689	.0614	.34345	3.9408
Stddev	.363	.00890	.00090	.00025	.00109	.0018	.00213	1.8399
%RSD	1.0902	1.0686	7.0439	13.241	15.790	2.938	.62017	46.688
#1	33.509	.83914	-.01340	.00208	.00766	.0627	.34495	2.6398
#2	32.996	.82656	-.01213	.00172	.00612	.0602	.34194	5.2418

Elem	U_3859
Units	ppm
Avg	2.5981
Stddev	.3319
%RSD	12.773
#1	2.8327
#2	2.3634

Sample Name: J5241-06 Acquired: 10/4/2018 21:29:22 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3010.8	63654.	5756.9	122.46	4132.0
Stddev	26.5	4855.	46.9	2.07	40.5
%RSD	.88051	7.6263	.81468	1.6900	.97958
#1	2992.1	67087.	5723.8	123.92	4103.4
#2	3029.6	60222.	5790.1	120.99	4160.7

Sample Name: J5241-07 Acquired: 10/4/2018 21:33:31 Type: Unk
Method: P4-ICP2(v2478) 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	.00117	-.00159	-.00028	-.00233	-.00443	.01718	.01845	.00003
Stddev	.00340	.00013	.00016	.00089	.00011	.02134	.00027	.00007
%RSD	290.82	7.9855	55.785	38.019	2.5792	124.27	1.4482	242.70

#1	-.00124	-.00150	-.00040	-.00170	-.00435	.03227	.01864	-.00002
#2	.00358	-.00168	-.00017	-.00295	-.00451	.00208	.01826	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	39.027	-.00080	-.00019	.00164	-.00948	.00195	55.872
Stddev	.00003	.016	.00028	.00019	.00032	.00473	.00000	.133
%RSD	40.715	.04095	34.865	100.13	19.574	49.913	.23622	.23854

#1	-.00006	39.038	-.00061	-.00032	.00141	-.00613	.00194	55.966
#2	-.00011	39.016	-.00100	-.00005	.00187	-.01282	.00195	55.777

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00052	-.00130	454.08	.00146	.00027	19.055	.00087	.19709
Stddev	.00040	.00027	2.77	.00060	.00003	.114	.00018	.00375
%RSD	77.206	20.524	.60953	40.797	10.885	.59571	21.044	1.9005

#1	-.00023	-.00149	452.13	.00188	.00025	18.974	.00074	.19974
#2	-.00080	-.00111	456.04	.00104	.00029	19.135	.00100	.19444

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	41.148	.84929	-.01529	-.00168	.00817	.0639	.41125	4.2897
Stddev	.107	.00277	.00038	.00039	.00017	.0006	.00110	.1062
%RSD	.26091	.32658	2.4867	23.199	2.0731	.9563	.26843	2.4754

#1	41.072	.84733	-.01502	-.00195	.00829	.0634	.41047	4.2146
#2	41.224	.85125	-.01556	-.00140	.00805	.0643	.41203	4.3648

Elem	U_3859
Units	ppm
Avg	3.2133
Stddev	.1784
%RSD	5.5529

#1	3.3395
#2	3.0872

Sample Name: J5241-07 Acquired: 10/4/2018 21:33:31 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2969.2	65969.	5681.9	116.93	4040.2
Stddev	14.2	56.	11.7	1.73	4.6
%RSD	.47908	.08502	.20566	1.4830	.11339
#1	2959.2	65929.	5690.2	118.15	4043.4
#2	2979.3	66009.	5673.6	115.70	4037.0

Sample Name: CCV12 Acquired: 10/4/2018 21:37:40 Type: Unk
Method: P4-ICP2(v2478) 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	4.9023	4.9893	4.9113	4.9732	4.9855	10.054	10.296
Stddev	.0089	.0193	.0027	.0193	.0115	.186	.045
%RSD	.18081	.38646	.05501	.38702	.23113	1.8462	.43736

#1	4.9085	5.0030	4.9132	4.9868	4.9937	9.9230	10.328
#2	4.8960	4.9757	4.9093	4.9596	4.9774	10.185	10.264

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24916	2.4726	25.122	1.0026	2.4602	1.2433	4.9276
Stddev	.00078	.0024	.108	.0006	.0022	.0017	.0929
%RSD	.31227	.09838	.43015	.06396	.08971	.13829	1.8850

#1	.24861	2.4744	25.199	1.0022	2.4617	1.2446	4.8619
#2	.24971	2.4709	25.046	1.0031	2.4586	1.2421	4.9933

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5134	24.351	2.4600	1.2790	25.278	2.5313	2.5217
Stddev	.0032	.049	.0014	.0017	.157	.0036	.0220
%RSD	.12809	.20264	.05472	.13614	.62277	.14035	.87398

#1	2.5111	24.386	2.4610	1.2777	25.390	2.5288	2.5061
#2	2.5156	24.316	2.4591	1.2802	25.167	2.5338	2.5373

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.186	5.0940	4.8947	4.9305	4.9672	4.9161	4.9450
Stddev	.121	.0063	.0422	.0256	.0709	.0023	.0077
%RSD	.46019	.12266	.86119	.51992	1.4279	.04729	.15570

#1	26.271	5.0985	4.8649	4.9486	5.0173	4.9177	4.9505
#2	26.101	5.0896	4.9245	4.9124	4.9170	4.9145	4.9396

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	5.3564	5.048	5.0462	F 2.1358	F 3.2537
Stddev	.0156	.016	.0192	.0591	.6176
%RSD	.29083	.3081	.37985	2.7674	18.982

#1	5.3674	5.059	5.0597	2.1776	3.6904
#2	5.3453	5.037	5.0326	2.0940	2.8170

Sample Name: CCV12 Acquired: 10/4/2018 21:37:40 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2990.3	67534.	5503.8	113.51	4075.1
Stddev	6.9	165.	69.8	.93	11.2
%RSD	.23182	.24367	1.2691	.81592	.27552
#1	2985.4	67650.	5454.4	114.17	4067.2
#2	2995.2	67417.	5553.2	112.86	4083.1

Sample Name: CCB12 Acquired: 10/4/2018 21:41:26 Type: Unk
Method: P4-ICP2(v2478) 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	-.00224	-.00149	-.00102	-.00192	-.00128	-.00459	.00131
Stddev	.00375	.00002	.00060	.00123	.00147	.00515	.00026
%RSD	167.37	1.0597	59.364	64.106	115.65	112.11	19.824

#1	-.00489	-.00148	-.00059	-.00105	-.00023	-.00824	.00150
#2	.00041	-.00150	-.00145	-.00279	-.00232	-.00095	.00113

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	.00004	.01675	-.00001	-.00013	.00018	-.00087
Stddev	.00009	.00008	.00161	.00052	.00018	.00056	.00444
%RSD	2211.8	183.51	9.6106	5218.2	137.56	319.50	509.36

#1	-.00007	-.00001	.01561	-.00038	-.00026	-.00022	.00227
#2	.00006	.00010	.01789	.00036	-.00000	.00057	-.00401

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00024	.05870	.00056	-.00168	.14928	-.00006	.00008
Stddev	.00001	.02713	.00037	.00048	.00010	.00024	.00003
%RSD	4.8660	46.215	65.419	28.227	.06466	414.99	38.534

#1	.00024	.07788	.00083	-.00202	.14935	-.00023	.00011
#2	.00023	.03951	.00030	-.00135	.14921	.00011	.00006

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01397	.00129	.00484	F .02083	.00167	-.00094	-.00047
Stddev	.01118	.00055	.01179	.00349	.00078	.00041	.00007
%RSD	79.980	42.416	243.66	16.764	46.662	43.466	15.099

#1	.02188	.00168	-.00350	.02330	.00112	-.00123	-.00053
#2	.00607	.00091	.01317	.01836	.00222	-.00065	-.00042

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .00957	.0003	.00004	F .12761	F .73107
Stddev	.00079	.0007	.00011	.04287	.08497
%RSD	8.2671	203.8	292.29	33.592	11.623

#1	.01013	.0008	.00011	.15792	.67099
#2	.00901	-.0002	-.00004	.09730	.79115

Sample Name: CCB12 Acquired: 10/4/2018 21:41:26 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3122.8	70673.	5556.9	117.27	4553.8
Stddev	6.1	144.	27.3	1.99	1.5
%RSD	.19643	.20351	.49141	1.6956	.03280
#1	3118.4	70571.	5537.6	115.86	4552.7
#2	3127.1	70774.	5576.2	118.68	4554.8

Sample Name: J5241-08 Acquired: 10/4/2018 21:45:32 Type: Unk
Method: P4-ICP2(v2478) 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	.00211	-.00050	-.00012	-.00070	-.00429	-.00301	.01902	.00011
Stddev	.00342	.00095	.00066	.00096	.00086	.00915	.00019	.00005
%RSD	162.41	190.40	564.90	137.43	19.974	303.73	.99198	43.137
#1	-.00031	-.00117	-.00058	-.00138	-.00368	-.00948	.01889	.00014
#2	.00453	.00017	.00035	-.00002	-.00489	.00346	.01916	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	39.038	-.00058	-.00020	.00131	-.00815	.00177	55.703
Stddev	.00002	.033	.00010	.00003	.00061	.00575	.00006	.157
%RSD	134.26	.08375	17.584	16.841	46.696	70.487	3.4587	.28186
#1	-.00000	39.062	-.00050	-.00018	.00088	-.00409	.00181	55.815
#2	-.00003	39.015	-.00065	-.00022	.00175	-.01222	.00173	55.592

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00044	-.00127	459.50	.00134	.00037	18.964	.00091	.18703
Stddev	.00003	.00061	3.28	.00019	.00015	.043	.00002	.00514
%RSD	7.8966	48.440	.71472	14.132	39.685	.22556	2.3354	2.7486
#1	-.00046	-.00170	461.82	.00121	.00027	18.994	.00093	.18339
#2	-.00041	-.00083	457.18	.00147	.00047	18.934	.00090	.19066

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	41.364	.85509	-.01572	-.00121	.00812	.0659	.41063	4.0688
Stddev	.142	.00352	.00033	.00018	.00101	.0020	.00120	.3116
%RSD	.34300	.41162	2.1131	14.888	12.493	2.994	.29275	7.6584
#1	41.464	.85758	-.01596	-.00134	.00740	.0645	.41148	3.8485
#2	41.264	.85260	-.01549	-.00108	.00884	.0673	.40978	4.2892

Elem	U_3859
Units	ppm
Avg	2.3189
Stddev	.2039
%RSD	8.7911
#1	2.1747
#2	2.4630

Sample Name: J5241-08 Acquired: 10/4/2018 21:45:32 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2956.9	66159.	5650.8	117.64	4043.7
Stddev	8.0	70.	9.1	2.93	24.0
%RSD	.26937	.10619	.16159	2.4938	.59333
#1	2951.3	66209.	5657.3	115.56	4026.8
#2	2962.6	66110.	5644.4	119.71	4060.7

Sample Name: J5241-09 Acquired: 10/4/2018 21:49:40 Type: Unk
Method: P4-ICP2(v2478) 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	-.00041	-.00016	-.00247	-.00434	-.00181	.02005	.00004
Stddev	.00127	.00109	.00111	.00021	.00038	.00717	.00025	.00007
%RSD	83.432	262.74	711.10	8.3733	8.7286	397.08	1.2647	183.17
#1	.00062	-.00118	.00063	-.00232	-.00407	-.00688	.02023	-.00001
#2	.00242	.00035	-.00094	-.00262	-.00461	.00326	.01987	.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	37.097	-.00033	-.00041	.00180	-.00375	.00190	50.085
Stddev	.00006	.494	.00000	.00004	.00041	.00118	.00005	.044
%RSD	103.35	1.3322	.33188	9.6243	22.888	31.539	2.5651	.08695
#1	-.00002	37.446	-.00033	-.00038	.00209	-.00292	.00194	50.115
#2	-.00011	36.747	-.00032	-.00044	.00151	-.00459	.00187	50.054

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00067	-.00109	407.46	.00138	.00101	16.803	.00093	.17081
Stddev	.00041	.00010	1.56	.00020	.00004	.239	.00003	.00185
%RSD	61.110	9.3075	.38219	14.711	3.6312	1.4238	3.7177	1.0819
#1	-.00038	-.00116	408.56	.00152	.00104	16.972	.00095	.16950
#2	-.00096	-.00102	406.36	.00123	.00098	16.634	.00090	.17211

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	37.013	.84506	-.01351	-.00077	.00773	.0643	.37251	5.1709
Stddev	.124	.00416	.00028	.00046	.00056	.0012	.00561	.3973
%RSD	.33417	.49271	2.0775	59.546	7.2323	1.832	1.5056	7.6826
#1	37.101	.84801	-.01331	-.00044	.00733	.0635	.37648	4.8900
#2	36.926	.84212	-.01371	-.00109	.00812	.0652	.36854	5.4518

Elem	U_3859
Units	ppm
Avg	2.2195
Stddev	.0019
%RSD	.08319
#1	2.2208
#2	2.2182

Sample Name: J5241-09 Acquired: 10/4/2018 21:49:40 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2977.3	65854.	5673.7	119.38	4038.3
Stddev	18.3	87.	40.1	1.30	18.4
%RSD	.61413	.13164	.70631	1.0928	.45679
#1	2964.4	65793.	5645.3	118.45	4025.3
#2	2990.2	65916.	5702.0	120.30	4051.4

Sample Name: J5188-03DLX10 Acquired: 10/4/2018 21:53:49 Type: Unk
Method: P4-ICP2(v2478) 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	.00379	-.00276	-.01753	.01670	-.01433	-.04861	.01232
Stddev	.00454	.00246	.00007	.00262	.00052	.02385	.00015
%RSD	119.71	89.276	.42597	15.666	3.6118	49.056	1.1912

#1	.00058	-.00450	-.01748	.01855	-.01397	-.06548	.01242
#2	.00700	-.00102	-.01759	.01485	-.01470	-.03175	.01222

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	-.00371	2.0512	.32666	.02509	47.982	-.02171
Stddev	.00012	.00017	.0226	.00360	.00009	.091	.00775
%RSD	151.27	4.5749	1.0998	1.1022	.35118	.18916	35.683

#1	-.00001	-.00383	2.0353	.32411	.02502	48.046	-.01623
#2	.00016	-.00359	2.0672	.32920	.02515	47.918	-.02719

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00164	1.6233	21.321	.04112	2157.5	-.00133	-.05476
Stddev	.00000	.0369	.018	.00029	37.9	.00033	.00595
%RSD	.04661	2.2726	.08481	.71025	1.7580	24.454	10.874

#1	.00164	1.5972	21.334	.04132	2130.7	-.00156	-.05897
#2	.00164	1.6494	21.309	.04091	2184.3	-.00110	-.05055

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 2784.1	.04433	F 120.67	F 2336.5	.48864	-.87957	.00079
Stddev	29.8	.00052	2.21	8.5	.01219	.00401	.00154
%RSD	1.0715	1.1624	1.8354	.36519	2.4955	.45624	196.49

#1	2763.0	.04469	119.10	2342.5	.48002	-.88240	-.00031
#2	2805.2	.04396	122.23	2330.4	.49727	-.87673	.00188

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.46601	20.36	.04742	9.4357	4.5588
Stddev	.00580	.03	.00010	.4422	.1484
%RSD	1.2436	.1340	.21252	4.6870	3.2554

#1	.46191	20.38	.04749	9.1229	4.6638
#2	.47010	20.34	.04735	9.7484	4.4539

Sample Name: J5188-03DLX10 Acquired: 10/4/2018 21:53:49 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2147.1	47003.	4925.7	100.14	2724.1
Stddev	13.4	112.	82.0	3.66	14.8
%RSD	.62612	.23872	1.6657	3.6531	.54370
#1	2137.6	46923.	4983.7	102.72	2713.7
#2	2156.6	47082.	4867.7	97.551	2734.6

Sample Name: J5188-07DLX10 Acquired: 10/4/2018 21:58:06 Type: Unk
Method: P4-ICP2(v2478) 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	.02426	-.00513	4.2322	-.01643	-.31339	5.5176	.40948
Stddev	.00227	.00057	.0106	.00441	.00441	.0084	.00084
%RSD	9.3745	11.191	.25149	26.869	1.4078	.15165	.20631

#1	.02265	-.00472	4.2397	-.01331	-.31027	5.5117	.41008
#2	.02586	-.00553	4.2246	-.01955	-.31651	5.5235	.40888

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00086	-.03812	14.645	13.711	.09777	72.297	82.402
Stddev	.00024	.00000	.020	.002	.00049	.030	1.110
%RSD	27.587	.00906	.13411	.01235	.50487	.04163	1.3467

#1	-.00103	-.03812	14.659	13.712	.09812	72.276	81.617
#2	-.00069	-.03812	14.631	13.710	.09742	72.318	83.186

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.40956	.98318	F 213.54	.00277	44.883	.00861	6.5690
Stddev	.00031	.00527	.08	.00048	.450	.00033	.0155
%RSD	.07684	.53620	.03599	17.386	1.0021	3.8806	.23586

#1	.40933	.98691	213.59	.00243	44.565	.00885	6.5580
#2	.40978	.97946	213.48	.00311	45.201	.00838	6.5799

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	28.457	.01940	4.1920	49.093	.33226	.10047	.15155
Stddev	.166	.00021	.0051	.205	.00011	.00072	.00298
%RSD	.58371	1.0792	.12253	.41767	.03208	.71454	1.9674

#1	28.340	.01955	4.1956	49.238	.33218	.10098	.15366
#2	28.575	.01925	4.1884	48.949	.33233	.09997	.14944

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01462	2.078	.14367	F<.00000	23.246
Stddev	.00135	.001	.00011	.00327	.311
%RSD	9.2284	.0681	.07739	.01639	1.3390

#1	.01367	2.077	.14360	-19.964	23.026
#2	.01558	2.079	.14375	-19.959	23.466

Sample Name: J5188-07DLX10 Acquired: 10/4/2018 21:58:06 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2774.8	68407.	5539.5	112.40	3995.8
Stddev	3.7	139.	14.9	.07	13.0
%RSD	.13171	.20254	.26901	.06666	.32441
#1	2772.2	68309.	5529.0	112.45	3986.6
#2	2777.4	68505.	5550.0	112.34	4005.0

Sample Name: J5192-02 Acquired: 10/4/2018 22:02:06 Type: Unk
Method: P4-ICP2(v2478) 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	-.00158	-.00482	.01084	-.00014	-.00245	.83606	.14680	-.00000
Stddev	.00262	.00030	.00004	.00082	.00198	.01263	.00070	.00015
%RSD	166.27	6.1886	.37532	587.25	80.580	1.5111	.47389	10057.

#1	-.00343	-.00503	.01081	.00044	-.00385	.82713	.14631	-.00011
#2	.00028	-.00461	.01087	-.00072	-.00105	.84499	.14729	.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	39.699	.00222	.00789	.01307	2.2231	.82650	7.1936
Stddev	.00002	.251	.00022	.00006	.00067	.0380	.00040	.0045
%RSD	20.703	.63272	10.020	.76694	5.1384	1.7097	.04852	.06218

#1	.00010	39.877	.00238	.00785	.01354	2.2500	.82622	7.1967
#2	.00013	39.521	.00206	.00793	.01259	2.1962	.82679	7.1904

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00480	-.00165	293.99	.00258	.06706	3.1509	.00019	.08219
Stddev	.00027	.00007	.17	.00032	.00088	.0590	.00000	.00384
%RSD	5.6842	4.5182	.05627	12.235	1.3151	1.8739	.88875	4.6747

#1	.00499	-.00160	294.10	.00280	.06768	3.1927	.00019	.07947
#2	.00461	-.00171	293.87	.00235	.06644	3.1092	.00019	.08491

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.87382	2.0427	.00067	.01766	.01433	.0248	.11934	3.5969
Stddev	.00126	.0236	.00106	.00065	.00171	.0006	.00015	.2984
%RSD	.14457	1.1549	159.89	3.6740	11.947	2.320	.12730	8.2975

#1	.87292	2.0260	.00142	.01812	.01312	.0244	.11944	3.3859
#2	.87471	2.0594	-.00009	.01721	.01554	.0252	.11923	3.8079

Elem	U_3859
Units	ppm
Avg	2.6664
Stddev	.5698
%RSD	21.370

#1	3.0693
#2	2.2635

Sample Name: J5192-02 Acquired: 10/4/2018 22:02:06 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2914.6	65154.	5414.6	111.34	3988.8
Stddev	16.1	2.	18.4	1.47	17.2
%RSD	.55138	.00270	.34037	1.3188	.43123
#1	2903.3	65153.	5427.6	110.30	3976.6
#2	2926.0	65155.	5401.6	112.37	4000.9

Sample Name: J5192-04 Acquired: 10/4/2018 22:06:15 Type: Unk
Method: P4-ICP2(v2478) 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	-.00355	-.00204	.00438	-.00240	-.00458	.10068	.18837	.00006
Stddev	.00084	.00021	.00111	.00099	.00049	.00905	.00050	.00001
%RSD	23.755	10.423	25.296	41.130	10.712	8.9914	.26630	20.289

#1	-.00296	-.00219	.00359	-.00170	-.00493	.10708	.18872	.00007
#2	-.00415	-.00189	.00516	-.00309	-.00424	.09428	.18801	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00016	28.740	.00015	.00630	.00812	.23371	.51522	6.3254
Stddev	.00002	.011	.00038	.00000	.00040	.01516	.00118	.0114
%RSD	11.437	.03706	245.58	.06130	4.9572	6.4872	.22828	.18032

#1	.00015	28.733	-.00011	.00631	.00840	.24443	.51438	6.3334
#2	.00017	28.748	.00042	.00630	.00783	.22299	.51605	6.3173

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00252	-.00139	283.15	.00042	.06557	2.4712	-.00010	.06072
Stddev	.00012	.00030	1.09	.00005	.00129	.0416	.00009	.00745
%RSD	4.6566	21.363	.38448	11.876	1.9747	1.6837	88.968	12.278

#1	.00260	-.00160	283.92	.00038	.06465	2.5006	-.00016	.06599
#2	.00244	-.00118	282.38	.00045	.06648	2.4418	-.00004	.05544

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.79599	.69865	.00057	.00288	.01184	.0071	.10616	4.0221
Stddev	.00255	.00174	.00058	.00097	.00195	.0012	.00025	.1143
%RSD	.32077	.24883	102.76	33.497	16.498	16.34	.23095	2.8409

#1	.79779	.69742	.00016	.00356	.01046	.0063	.10634	4.1029
#2	.79418	.69988	.00098	.00220	.01322	.0079	.10599	3.9413

Elem	U_3859
Units	ppm
Avg	2.2388
Stddev	.3091
%RSD	13.809

#1	2.4574
#2	2.0202

Sample Name: J5192-04 Acquired: 10/4/2018 22:06:15 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2947.8	65383.	5511.0	112.89	4048.2
Stddev	13.7	159.	12.3	1.69	22.2
%RSD	.46333	.24260	.22343	1.4929	.54943
#1	2938.1	65271.	5519.7	114.08	4032.5
#2	2957.4	65496.	5502.3	111.70	4063.9

Sample Name: J5194-02 Acquired: 10/4/2018 22:10:24 Type: Unk
Method: P4-ICP2(v2478) 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	-.00471	.01897	.00136	-.00310	.04952	.13747	-.00001
Stddev	.00052	.00225	.00128	.00338	.00130	.01469	.00103	.00002
%RSD	553.59	47.813	6.7441	249.12	41.853	29.657	.75216	112.40

#1	-.00046	-.00312	.01987	.00374	-.00402	.03914	.13820	-.00000
#2	.00027	-.00630	.01807	-.00103	-.00218	.05991	.13674	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00044	54.424	.00003	.00935	.01334	.12763	.79936	1.5341
Stddev	.00004	.134	.00001	.00022	.00036	.02493	.00249	.0274
%RSD	9.4290	.24547	39.097	2.3719	2.7248	19.530	.31173	1.7874

#1	.00041	54.518	.00004	.00951	.01308	.14526	.80113	1.5535
#2	.00047	54.329	.00002	.00920	.01360	.11000	.79760	1.5147

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00439	-.00146	290.24	.00011	.06042	1.6954	.00026	.03076
Stddev	.00005	.00012	1.63	.00006	.00002	.0436	.00011	.00612
%RSD	1.2185	7.9604	.56223	48.349	.02657	2.5721	43.486	19.896

#1	.00443	-.00138	291.39	.00008	.06043	1.7262	.00034	.03508
#2	.00435	-.00154	289.08	.00015	.06041	1.6646	.00018	.02643

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.93925	.95089	.00005	.00080	.01123	.0097	.22530	4.9922
Stddev	.00905	.00302	.00069	.00084	.00014	.0006	.00113	.2018
%RSD	.96387	.31707	1359.7	104.32	1.2908	5.813	.50066	4.0428

#1	.94565	.95302	.00054	.00021	.01133	.0093	.22610	4.8495
#2	.93284	.94875	-.00044	.00139	.01113	.0101	.22450	5.1349

Elem	U_3859
Units	ppm
Avg	2.5208
Stddev	.3975
%RSD	15.767

#1	2.8019
#2	2.2398

Sample Name: J5194-02 Acquired: 10/4/2018 22:10:24 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2942.4	65546.	5454.4	113.63	4025.0
Stddev	13.6	348.	50.5	.41	35.5
%RSD	.46322	.53069	.92665	.35843	.88088
#1	2932.7	65300.	5418.7	113.35	3999.9
#2	2952.0	65792.	5490.2	113.92	4050.0

Sample Name: J5194-04 Acquired: 10/4/2018 22:14:32 Type: Unk
Method: P4-ICP2(v2478) 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	-.00322	.00592	-.00181	-.00372	.06042	.13987	.00002
Stddev	.00219	.00165	.00008	.00338	.00323	.01109	.00030	.00003
%RSD	135.41	51.425	1.3622	186.41	86.824	18.355	.21700	167.94

#1	-.00317	-.00205	.00586	-.00420	-.00600	.05257	.14008	.00003
#2	-.00007	-.00439	.00597	.00058	-.00144	.06826	.13966	-.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00028	42.008	.00038	.00403	.01004	-.01020	.49136	1.2967
Stddev	.00013	.170	.00002	.00010	.00008	.00340	.00048	.0357
%RSD	44.663	.40439	4.3973	2.3636	.82400	33.355	.09849	2.7567

#1	.00019	42.128	.00037	.00397	.01010	-.01260	.49102	1.2715
#2	.00037	41.888	.00040	.00410	.00998	-.00779	.49170	1.3220

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00262	-.00136	280.54	.00005	.04284	1.8170	-.00005	.03389
Stddev	.00015	.00021	.90	.00011	.00028	.0017	.00015	.00620
%RSD	5.7656	15.528	.32192	206.34	.65904	.09441	293.36	18.289

#1	.00251	-.00121	279.90	-.00002	.04264	1.8158	.00006	.02951
#2	.00272	-.00151	281.18	.00013	.04304	1.8182	-.00016	.03827

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.38266	1.1262	.00157	.00008	.01160	.0156	.19953	3.4867
Stddev	.00204	.0072	.00031	.00107	.00250	.0005	.00160	.2017
%RSD	.53357	.64221	19.424	1361.1	21.562	3.319	.80434	5.7841

#1	.38121	1.1313	.00179	-.00068	.00983	.0153	.20066	3.3441
#2	.38410	1.1211	.00136	.00083	.01337	.0160	.19839	3.6293

Elem	U_3859
Units	ppm
Avg	1.9920
Stddev	.2801
%RSD	14.062

#1	1.7939
#2	2.1901

Sample Name: J5194-04 Acquired: 10/4/2018 22:14:32 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2951.7	65581.	5459.0	112.13	4037.6
Stddev	1.9	91.	35.1	.22	18.9
%RSD	.06451	.13847	.64382	.19401	.46724
#1	2950.3	65645.	5434.2	112.28	4050.9
#2	2953.0	65517.	5483.9	111.97	4024.2

Sample Name: J5194-06 Acquired: 10/4/2018 22:18:42 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00157	-.00344	.00685	-.00394	-.00437	.04818	.08384	.00005
Stddev	.00429	.00041	.00073	.00006	.00160	.00090	.00059	.00002
%RSD	272.85	11.881	10.712	1.5749	36.705	1.8725	.70050	36.789

#1	.00146	-.00373	.00737	-.00389	-.00323	.04882	.08426	.00006
#2	-.00461	-.00315	.00633	-.00398	-.00550	.04755	.08343	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00019	39.165	.00062	.00282	.00731	.02378	.40545	1.6480
Stddev	.00001	.023	.00051	.00034	.00007	.00559	.00075	.0271
%RSD	5.1703	.05903	82.918	12.011	.94642	23.526	.18575	1.6427

#1	.00019	39.148	.00098	.00258	.00726	.01982	.40598	1.6671
#2	.00020	39.181	.00026	.00306	.00736	.02773	.40492	1.6288

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00391	-.00144	264.73	-.00001	.02954	1.3581	.00020	.02486
Stddev	.00002	.00013	.65	.00040	.00085	.0124	.00009	.00099
%RSD	.61113	8.7281	.24567	7832.6	2.8643	.91268	45.721	3.9954

#1	.00393	-.00135	265.19	.00028	.03013	1.3668	.00014	.02557
#2	.00389	-.00153	264.27	-.00029	.02894	1.3493	.00027	.02416

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.36700	.84427	.00127	.00208	.00785	.0085	.15360	5.2038
Stddev	.00858	.01231	.00084	.00099	.00186	.0003	.00020	.6069
%RSD	2.3381	1.4579	66.099	47.591	23.667	3.583	.13057	11.663

#1	.37307	.85297	.00068	.00138	.00917	.0087	.15374	4.7747
#2	.36094	.83556	.00187	.00278	.00654	.0082	.15346	5.6330

Elem	U_3859
Units	ppm
Avg	2.3142
Stddev	.0384
%RSD	1.6570

#1	2.3413
#2	2.2871

Sample Name: J5194-06 Acquired: 10/4/2018 22:18:42 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2969.7	66581.	5484.2	114.63	4081.4
Stddev	7.7	377.	33.9	3.37	7.9
%RSD	.25874	.56642	.61727	2.9404	.19391
#1	2964.3	66314.	5460.3	112.25	4075.8
#2	2975.2	66847.	5508.1	117.02	4087.0

Sample Name: J5198-02 Acquired: 10/4/2018 22:22:52 Type: Unk
Method: P4-ICP2(v2478) 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	.00126	-.00315	.00635	-.00188	-.00258	.07932	.12651	.00001
Stddev	.00256	.00180	.00165	.00126	.00183	.00042	.00039	.00003
%RSD	203.64	57.063	25.967	66.889	70.979	.52664	.31141	316.43
#1	.00307	-.00188	.00518	-.00099	-.00387	.07902	.12679	-.00001
#2	-.00055	-.00442	.00751	-.00277	-.00128	.07961	.12623	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00016	24.192	.00191	.00463	.01398	.08941	.88665	2.7903
Stddev	.00009	.132	.00032	.00064	.00007	.00115	.00076	.0569
%RSD	57.247	.54405	16.745	13.759	.47628	1.2854	.08532	2.0404
#1	.00023	24.099	.00213	.00508	.01402	.08860	.88611	2.7500
#2	.00010	24.285	.00168	.00418	.01393	.09022	.88718	2.8306

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08928	-.00137	312.65	.00063	.04364	1.4402	.00012	.03358
Stddev	.00030	.00033	5.32	.00016	.00024	.0193	.00005	.00337
%RSD	.33512	23.712	1.7013	24.838	.55419	1.3419	42.957	10.031
#1	.08949	-.00160	308.88	.00074	.04381	1.4539	.00008	.03119
#2	.08907	-.00114	316.41	.00052	.04347	1.4265	.00016	.03596

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.56590	1.1783	-.00006	.00129	.00730	.0099	.09123	3.5744
Stddev	.00399	.0101	.00013	.00120	.00058	.0002	.00024	.0395
%RSD	.70514	.86057	215.76	92.798	7.9956	1.986	.26548	1.1040
#1	.56872	1.1854	.00003	.00214	.00689	.0100	.09106	3.6023
#2	.56308	1.1711	-.00015	.00044	.00772	.0097	.09140	3.5465

Elem	U_3859
Units	ppm
Avg	2.0526
Stddev	.0456
%RSD	2.2210
#1	2.0204
#2	2.0848

Sample Name: J5198-02 Acquired: 10/4/2018 22:22:52 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2966.2	66052.	5443.0	111.56	4076.5
Stddev	4.6	10.	15.5	.10	3.8
%RSD	.15455	.01556	.28427	.09124	.09313
#1	2963.0	66044.	5454.0	111.48	4073.8
#2	2969.5	66059.	5432.1	111.63	4079.1

Sample Name: CCV13 Acquired: 10/4/2018 22:27:02 Type: Unk
Method: P4-ICP2(v2478) 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	4.9345	5.0192	4.9588	5.0015	4.9934	10.034	10.354
Stddev	.0065	.0209	.0003	.0023	.0013	.094	.047
%RSD	.13159	.41595	.00580	.04632	.02516	.93998	.45129

#1	4.9299	5.0340	4.9590	4.9998	4.9943	9.9673	10.387
#2	4.9391	5.0044	4.9586	5.0031	4.9925	10.101	10.321

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25125	2.4941	25.405	1.0113	2.4827	1.2493	5.0107
Stddev	.00046	.0016	.001	.0021	.0003	.0000	.1194
%RSD	.18269	.06353	.00548	.20996	.01236	.00008	2.3836

#1	.25093	2.4952	25.406	1.0098	2.4829	1.2493	5.0952
#2	.25158	2.4930	25.404	1.0128	2.4824	1.2493	4.9263

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5334	24.603	2.4851	1.2909	25.973	2.5509	2.5910
Stddev	.0007	.083	.0035	.0037	.217	.0014	.0743
%RSD	.02637	.33847	.14158	.28767	.83428	.05364	2.8661

#1	2.5339	24.662	2.4875	1.2882	26.126	2.5499	2.6435
#2	2.5329	24.544	2.4826	1.2935	25.820	2.5518	2.5384

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.606	5.1144	4.9450	4.9379	5.0193	4.9573	4.9747
Stddev	.049	.0010	.0295	.0072	.0032	.0030	.0344
%RSD	.18488	.01920	.59669	.14550	.06418	.06052	.69069

#1	26.640	5.1151	4.9659	4.9328	5.0170	4.9551	4.9990
#2	26.571	5.1137	4.9242	4.9430	5.0216	4.9594	4.9504

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	5.3847	5.082	5.0806	F .89710	F 2.8562
Stddev	.0086	.016	.0277	.84808	.0554
%RSD	.15998	.3178	.54478	94.536	1.9393

#1	5.3908	5.094	5.1002	.29741	2.8954
#2	5.3787	5.071	5.0611	1.4968	2.8170

Sample Name: CCV13 Acquired: 10/4/2018 22:27:02 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3025.8	67913.	5480.1	112.25	4110.8
Stddev	6.5	142.	47.0	3.50	14.1
%RSD	.21479	.20892	.85801	3.1214	.34367
#1	3021.2	67813.	5446.8	109.77	4100.8
#2	3030.3	68013.	5513.3	114.72	4120.7

Sample Name: CCB13 Acquired: 10/4/2018 22:30:49 Type: Unk
Method: P4-ICP2(v2478) 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	-.00166	-.00061	.00037	-.00158	-.00012	.00186	.00152
Stddev	.00171	.00069	.00060	.00099	.00021	.01117	.00087
%RSD	102.56	113.00	160.02	62.476	178.94	599.29	57.394

#1	-.00287	-.00110	.00080	-.00088	.00003	-.00603	.00213
#2	-.00046	-.00012	-.00005	-.00228	-.00026	.00976	.00090

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	.00010	.00725	-.00018	-.00001	.00053	.00076
Stddev	.00002	.00013	.00116	.00031	.00017	.00030	.00621
%RSD	59.599	132.93	15.973	173.18	1382.3	56.396	812.87

#1	-.00002	.00001	.00643	-.00040	.00011	.00075	-.00363
#2	-.00005	.00019	.00807	.00004	-.00014	.00032	.00515

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00020	.04130	.00081	-.00141	.13436	.00072	.00026
Stddev	.00003	.05749	.00044	.00029	.00706	.00044	.00014
%RSD	17.322	139.22	54.787	20.436	5.2560	61.037	54.133

#1	.00017	.00064	.00112	-.00120	.12937	.00041	.00035
#2	.00022	.08195	.00049	-.00161	.13935	.00104	.00016

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.28002	.00129	.01848	F .03964	-.00077	-.00076	.00147
Stddev	.06361	.00038	.00612	.00027	.00154	.00006	.00167
%RSD	22.717	29.321	33.103	.67461	200.83	8.4329	113.54

#1	.32500	.00155	.02281	.03983	-.00185	-.00071	.00265
#2	.23504	.00102	.01415	.03945	.00032	-.00080	.00029

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .00512	-.0005	.00011	F<.00000	F .47046
Stddev	.00101	.0010	.00002	.23479	.12117
%RSD	19.791	212.2	17.775	22.089	25.756

#1	.00583	.0002	.00012	-.89691	.38478
#2	.00440	-.0012	.00009	-1.2290	.55614

Sample Name: CCB13 Acquired: 10/4/2018 22:30:49 Type: Unk
Method: P4-ICP2(v2478) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3173.6	71926.	5600.7	119.99	4605.0
Stddev	10.0	113.	1.9	.15	3.5
%RSD	.31421	.15697	.03351	.12098	.07678
#1	3166.6	71846.	5599.4	120.10	4602.5
#2	3180.7	72005.	5602.1	119.89	4607.5