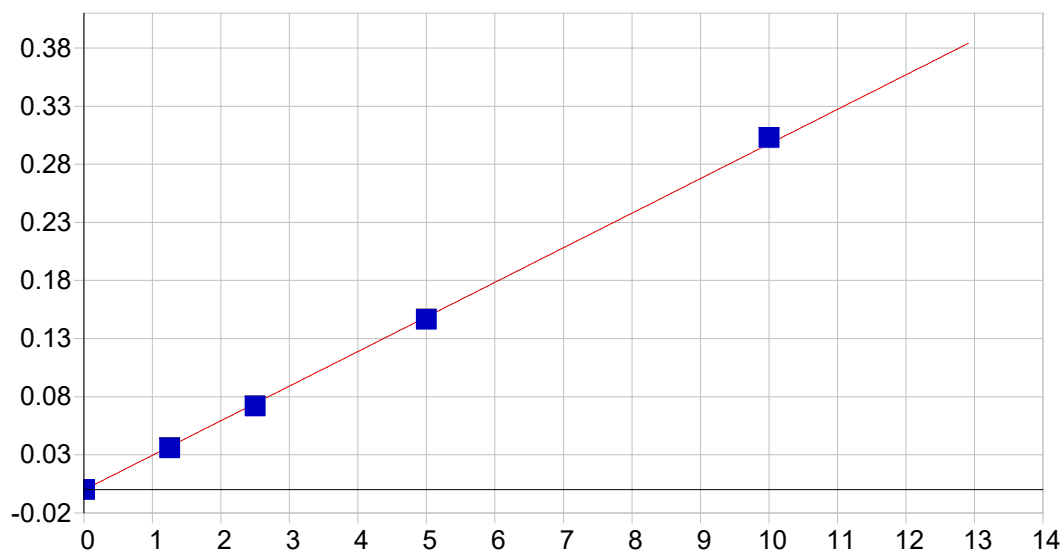


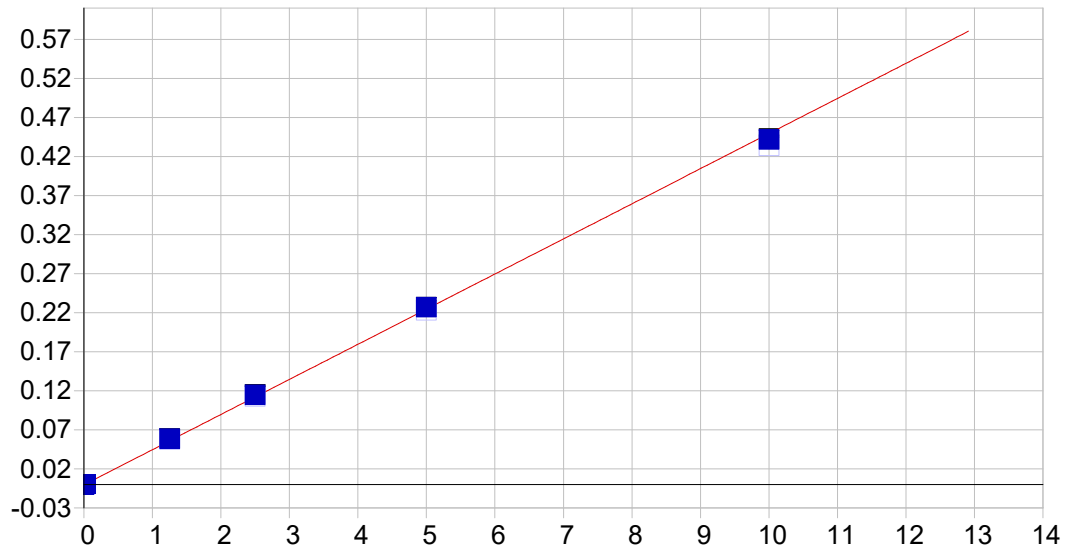


As 189.042 {479}

Date of Fit: 10/09/2019 17:41:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000119 Re-Slope: 1.000000
 A1 (Gain): 0.029755 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999785 Status: OK.
 Std Error of Est: 0.000010
 Predicted MDL: 0.004205
 Predicted MQL: 0.014016

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00012	.000	1
S1	.01000	.01022	.000	2.18	.00018	.000	1
S2	1.2500	1.2134	-.037	-2.93	.03590	.000	1
S3	2.5000	2.4190	-.081	-3.24	.07168	.000	1
S4	5.0000	4.9325	-.068	-1.35	.14629	.000	1
S5	10.000	10.185	.185	1.85	.30223	.000	1

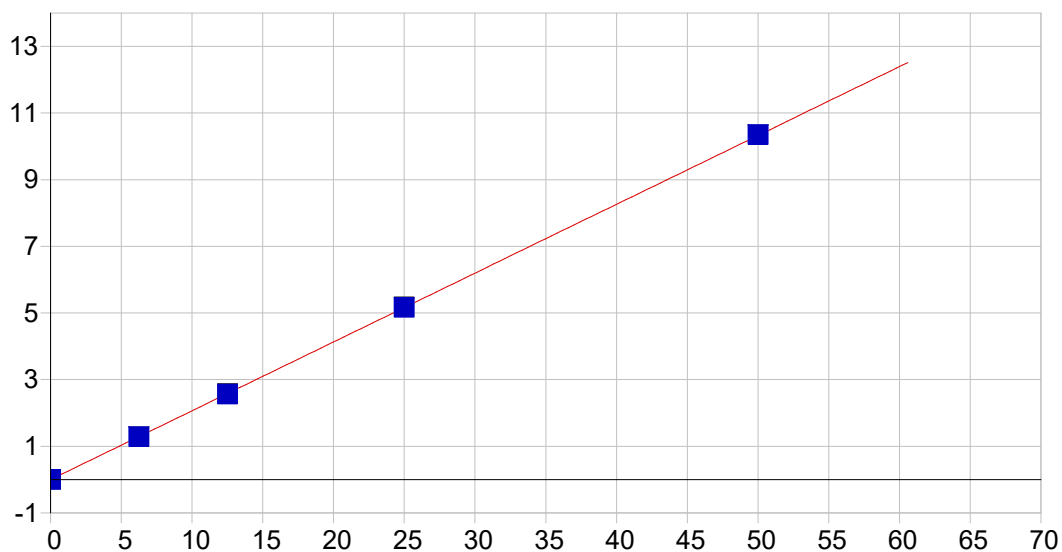


TI 190.856 {477}

Date of Fit: 10/09/2019 17:41:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000358 Re-Slope: 1.000000
 A1 (Gain): 0.044967 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999798 Status: OK.
 Std Error of Est: 0.000024
 Predicted MDL: 0.002954
 Predicted MQL: 0.009847

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00036	.000	1
S1	.02500	.02592	.001	3.67	.00076	.000	1
S2	1.2500	1.3060	.056	4.48	.05733	.000	1
S3	2.5000	2.5594	.059	2.37	.11266	.000	1
S4	5.0000	5.0518	.052	1.04	.22266	.000	1
S5	10.000	9.8320	-.168	-1.68	.43346	.001	1

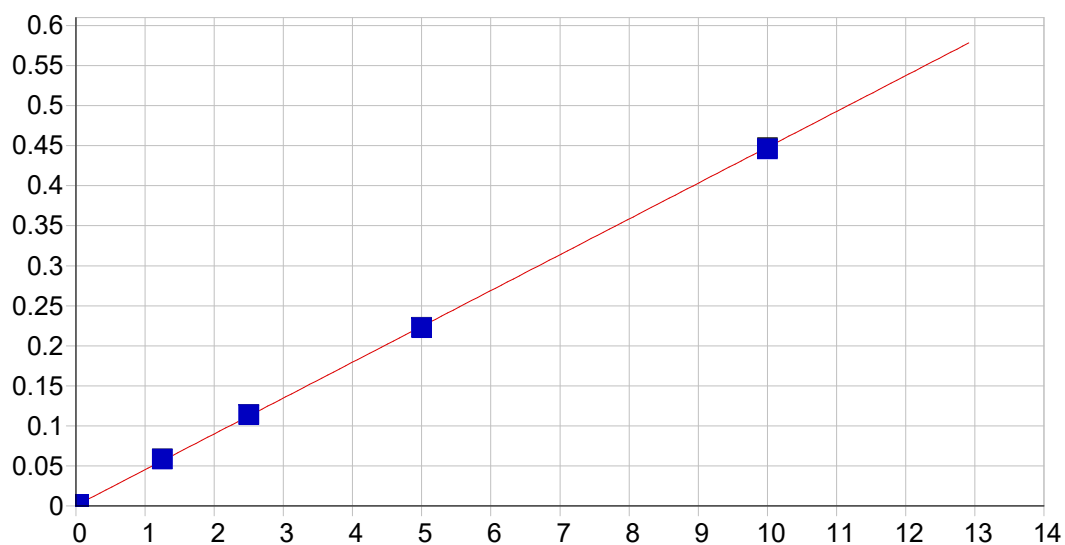


Pb 220.353 {453}

Date of Fit: 10/09/2019 17:41:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000465 Re-Slope: 1.000000
 A1 (Gain): 0.206538 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999995 Status: OK.
 Std Error of Est: 0.000026
 Predicted MDL: 0.001747
 Predicted MQL: 0.005822

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00047	.000	1
S1	.01000	.01095	.001	9.49	.00180	.000	1
S2	6.2500	6.2361	-.014	-.223	1.2878	.001	1
S3	12.500	12.406	-.094	-.754	2.5623	.007	1
S4	25.000	25.011	.011	.042	5.1662	.006	1
S5	50.000	50.097	.097	.193	10.349	.005	1

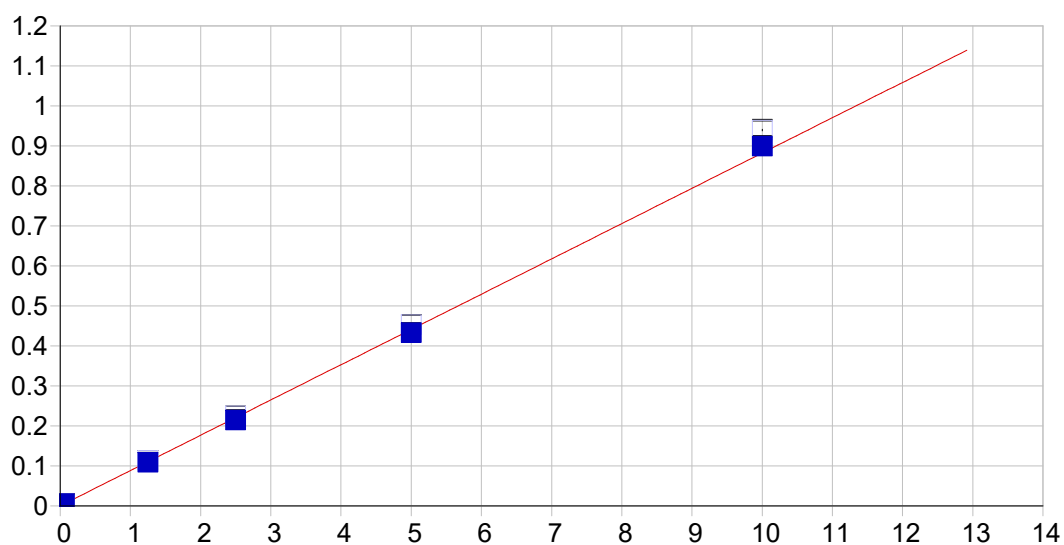


Se 196.090 {472}

Date of Fit: 10/09/2019 17:41:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000501 Re-Slope: 1.000000
 A1 (Gain): 0.044745 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999934 Status: OK.
 Std Error of Est: 0.000016
 Predicted MDL: 0.003711
 Predicted MQL: 0.012370

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00050	.000	1
S1	.03500	.03305	-.002	-5.58	.00198	.000	1
S2	1.2500	1.2939	.044	3.51	.05825	.000	1
S3	2.5000	2.5322	.032	1.29	.11351	.000	1
S4	5.0000	4.9660	-.034	-.680	.22212	.000	1
S5	10.000	9.9599	-.040	-.401	.44498	.001	1

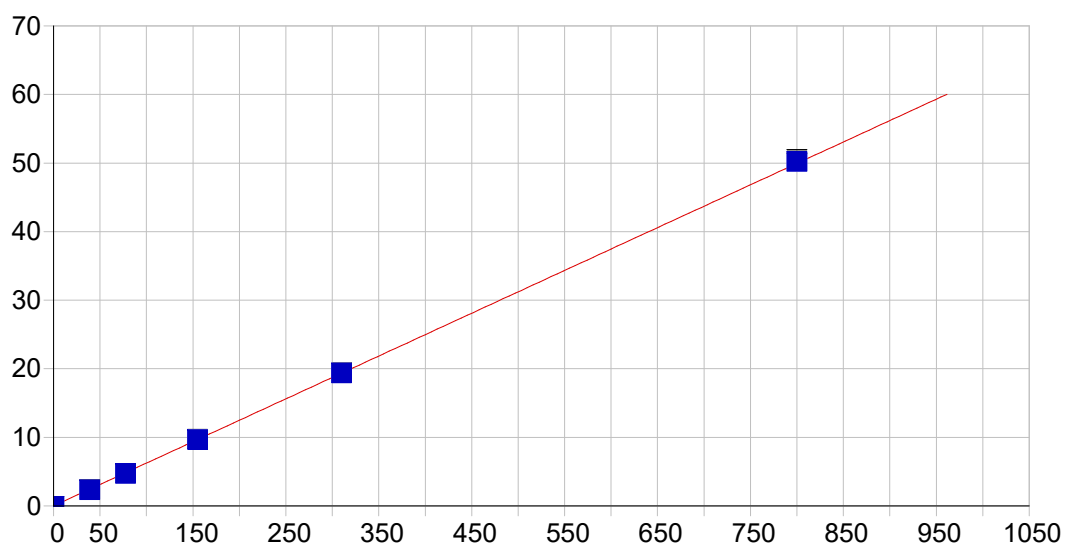


Sb 206.833 {463}

Date of Fit: 10/09/2019 17:41:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000219 Re-Slope: 1.000000
 A1 (Gain): 0.088191 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999807 Status: OK.
 Std Error of Est: 0.000075
 Predicted MDL: 0.002200
 Predicted MQL: 0.007334

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00022	.000	1
S1	.06000	.06036	.000	.607	.00555	.000	1
S2	1.2500	1.2269	-.023	-1.85	.11350	.000	1
S3	2.5000	2.4297	-.070	-2.81	.22465	.000	1
S4	5.0000	4.9025	-.098	-1.95	.45287	.001	1
S5	10.000	10.191	.191	1.91	.93954	.002	1

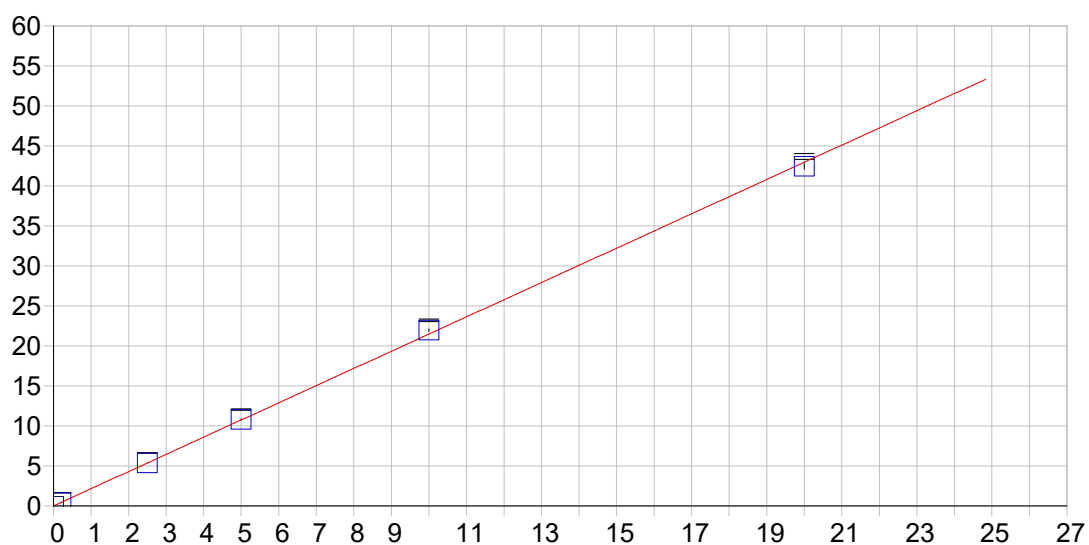


AI 396.152 { 85}

Date of Fit: 10/09/2019 17:41:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004316 Re-Slope: 1.000000
 A1 (Gain): 0.062432 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999952 Status: OK.
 Std Error of Est: 0.000381
 Predicted MDL: 0.010028
 Predicted MQL: 0.033427

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00004	.000	.000	.00432	.000	1
S1	.20000	.17010	-.030	-15.0	.01515	.000	1
S2	38.750	37.445	-1.30	-3.37	2.3469	.005	1
S3	77.500	75.294	-2.21	-2.85	4.7147	.017	1
S4	155.00	154.50	-.505	-.326	9.6690	.034	1
S5	310.00	310.04	.038	.012	19.399	.079	1
S6	800.00	804.01	4.01	.502	50.232	.271	1

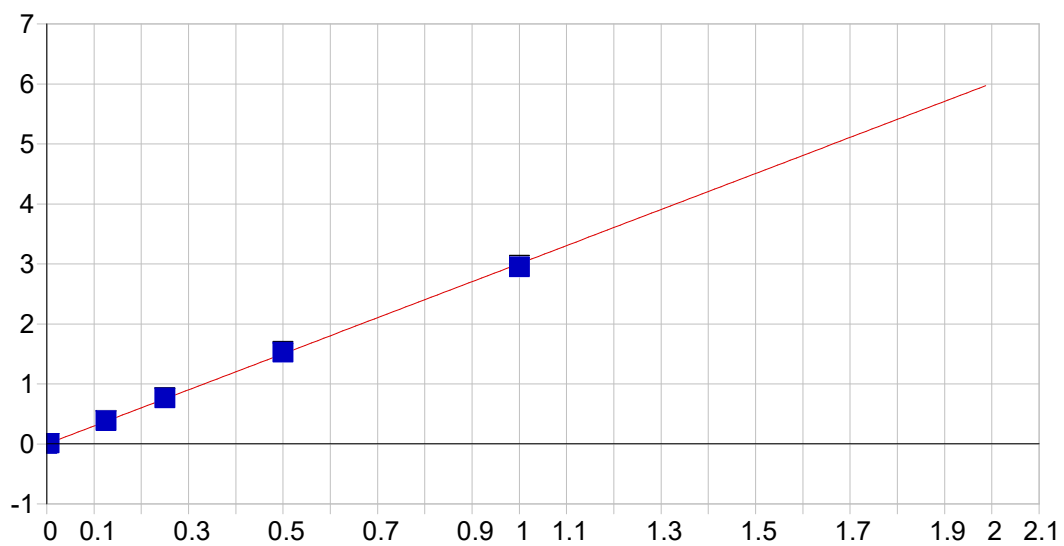


Ba 493.409 { 68}

Date of Fit: 10/09/2019 17:41:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003013 Re-Slope: 1.000000
 A1 (Gain): 2.147411 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999892 Status: OK.
 Std Error of Est: 0.003359
 Predicted MDL: 0.000576
 Predicted MQL: 0.001920

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00303	.001	1
S1	.20000	.19106	-.009	-4.47	.41330	.002	1
S2	2.5000	2.5022	.002	.088	5.3763	.017	1
S3	5.0000	5.0237	.024	.475	10.791	.088	1
S4	10.000	10.220	.220	2.20	21.950	.158	1
S5	20.000	19.763	-.237	-1.19	42.442	.357	1

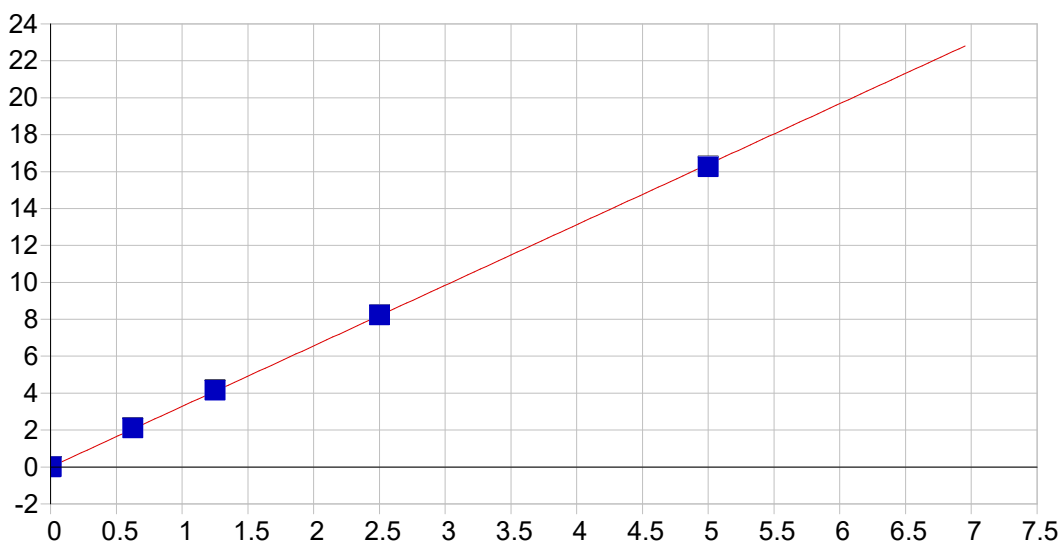


Be 234.861 {144}

Date of Fit: 10/09/2019 17:41:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000585	Re-Slope:	1.000000
A1 (Gain):	3.005235	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999824	Status:	OK.
Std Error of Est:	0.000211		
Predicted MDL:	0.000079		
Predicted MQL:	0.000262		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00059	.000	1
S1	.00500	.00475	-.000	-5.08	.01367	.000	1
S2	.12500	.12902	.004	3.22	.38591	.004	1
S3	.25000	.25406	.004	1.62	.76042	.005	1
S4	.50000	.50904	.009	1.81	1.5242	.016	1
S5	1.0000	.98313	-.017	-1.69	2.9440	.027	1

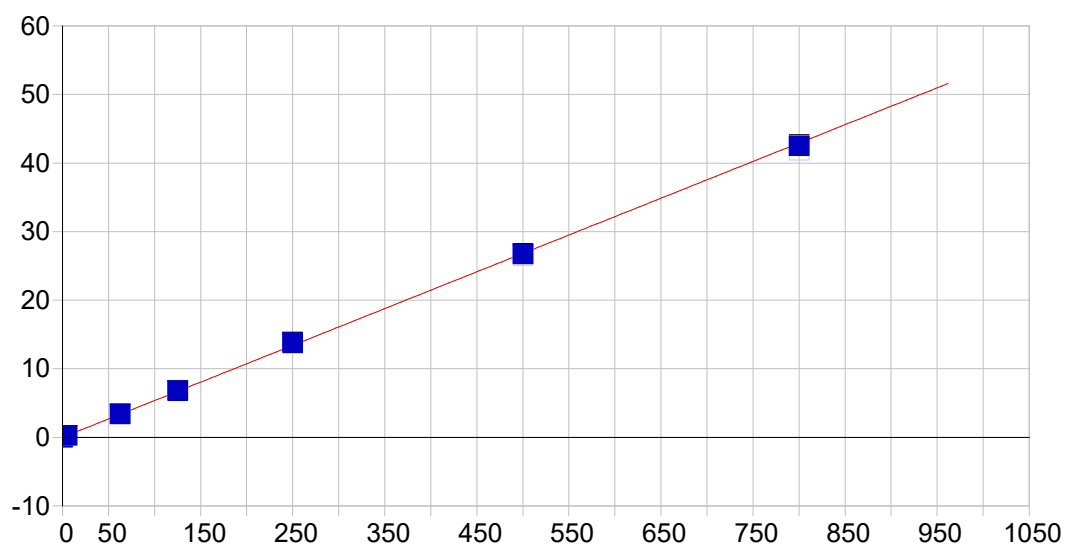


Cd 214.438 {457}

Date of Fit: 10/09/2019 17:41:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000243 Re-Slope: 1.000000
 A1 (Gain): 3.280057 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999943 Status: OK.
 Std Error of Est: 0.000295
 Predicted MDL: 0.000079
 Predicted MQL: 0.000262

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00024	.000	1
S1	.00500	.00475	-.000	-5.06	.01582	.000	1
S2	.62500	.64142	.016	2.63	2.1073	.002	1
S3	1.2500	1.2665	.016	1.32	4.1606	.012	1
S4	2.5000	2.5107	.011	.426	8.2479	.007	1
S5	5.0000	4.9567	-.043	-.866	16.284	.015	1

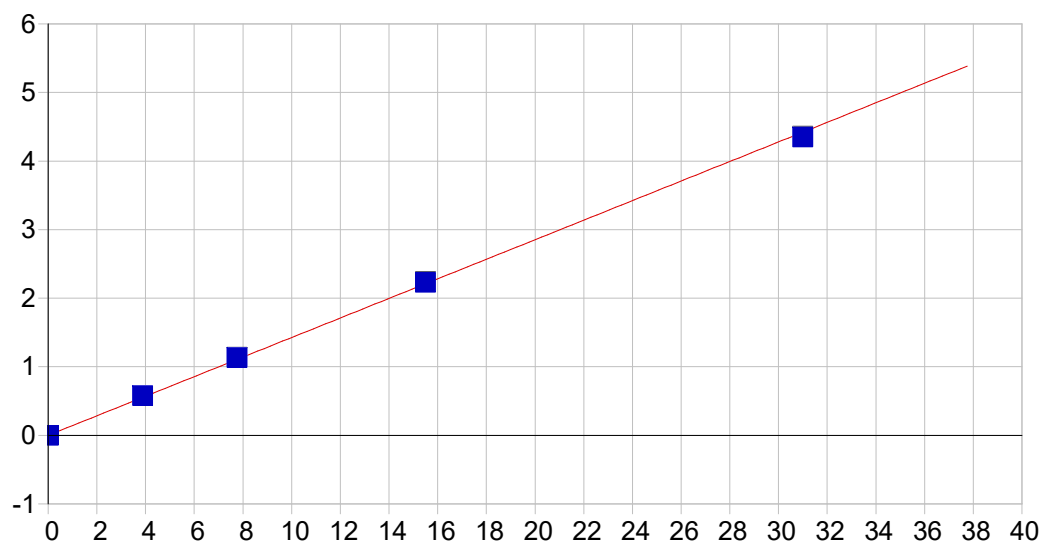


Ca 373.690 { 90}

Date of Fit: 10/09/2019 17:41:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000746 Re-Slope: 1.000000
 A1 (Gain): 0.053648 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999908 Status: OK.
 Std Error of Est: 0.002516
 Predicted MDL: 0.011385
 Predicted MQL: 0.037951

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00010	-.000	.000	.00074	.001	1
S1	5.0000	4.8871	-.113	-2.26	.26285	.000	1
S2	62.500	63.418	.918	1.47	3.3730	.012	1
S3	125.00	126.79	1.79	1.43	6.7426	.050	1
S4	250.00	256.91	6.91	2.76	13.663	.095	1
S5	500.00	498.24	-1.76	-.351	26.490	.075	1
S6	800.00	792.21	-7.79	-.974	41.861	.169	1

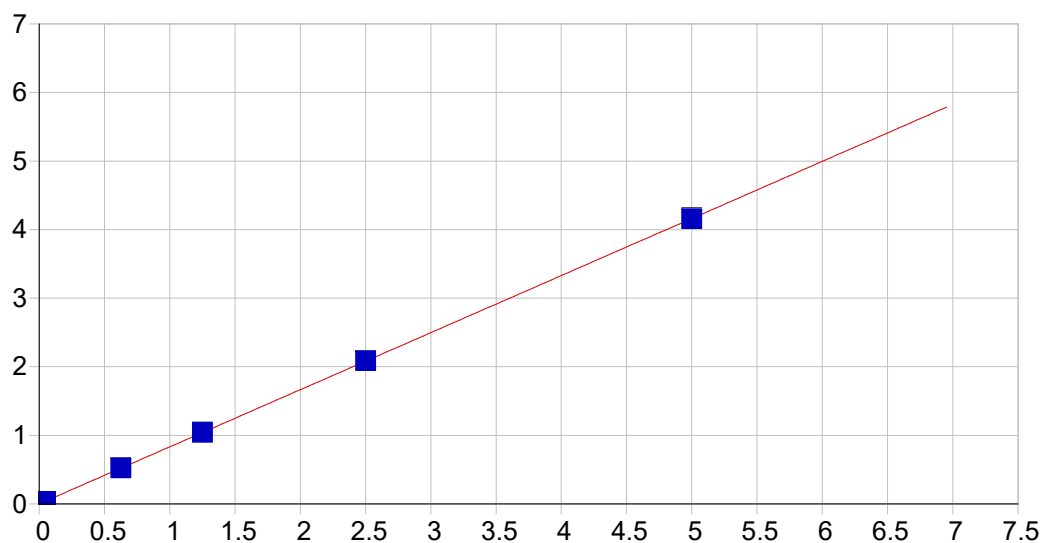


Cr 267.716 {126}

Date of Fit: 10/09/2019 17:41:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000028 Re-Slope: 1.000000
 A1 (Gain): 0.142632 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999790 Status: OK.
 Std Error of Est: 0.000086
 Predicted MDL: 0.000594
 Predicted MQL: 0.001980

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00003	.000	1
S1	.01000	.01071	.001	7.14	.00150	.000	1
S2	3.8750	4.0638	.189	4.87	.58030	.001	1
S3	7.7500	7.9511	.201	2.59	1.1354	.001	1
S4	15.500	15.634	.134	.866	2.2327	.004	1
S5	31.000	30.475	-.525	-1.69	4.3522	.009	1

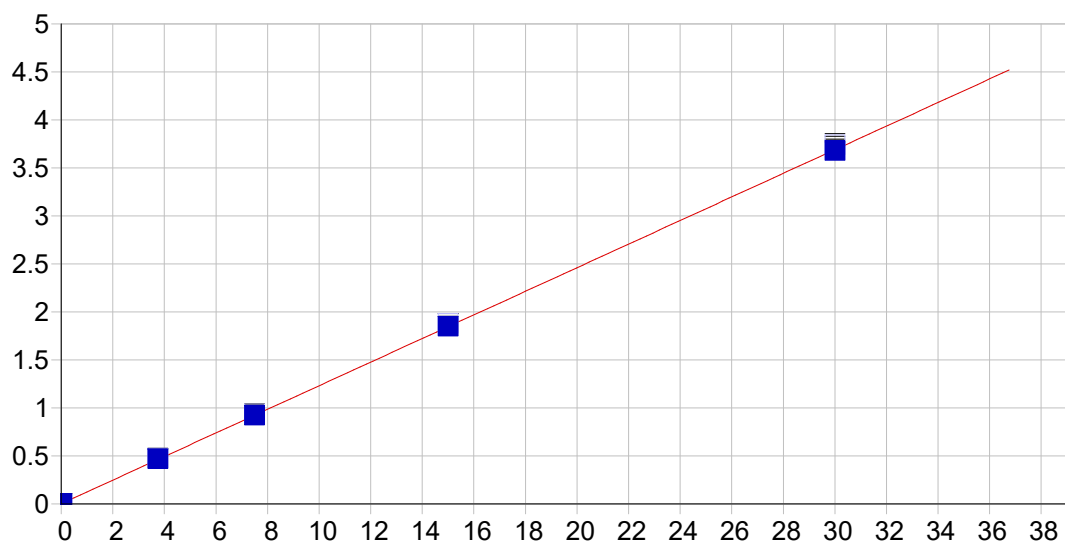


Co 228.616 {448}

Date of Fit: 10/09/2019 17:41:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000141	Re-Slope:	1.000000
A1 (Gain):	0.832448	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999988	Status:	OK.
Std Error of Est:	0.000107		
Predicted MDL:	0.000293		
Predicted MQL:	0.000976		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00014	.000	1
S1	.05000	.04690	-.003	-6.20	.03933	.000	1
S2	.62500	.62784	.003	.454	.52361	.001	1
S3	1.2500	1.2511	.001	.091	1.0433	.002	1
S4	2.5000	2.5044	.004	.178	2.0883	.002	1
S5	5.0000	4.9947	-.005	-.106	4.1646	.005	1

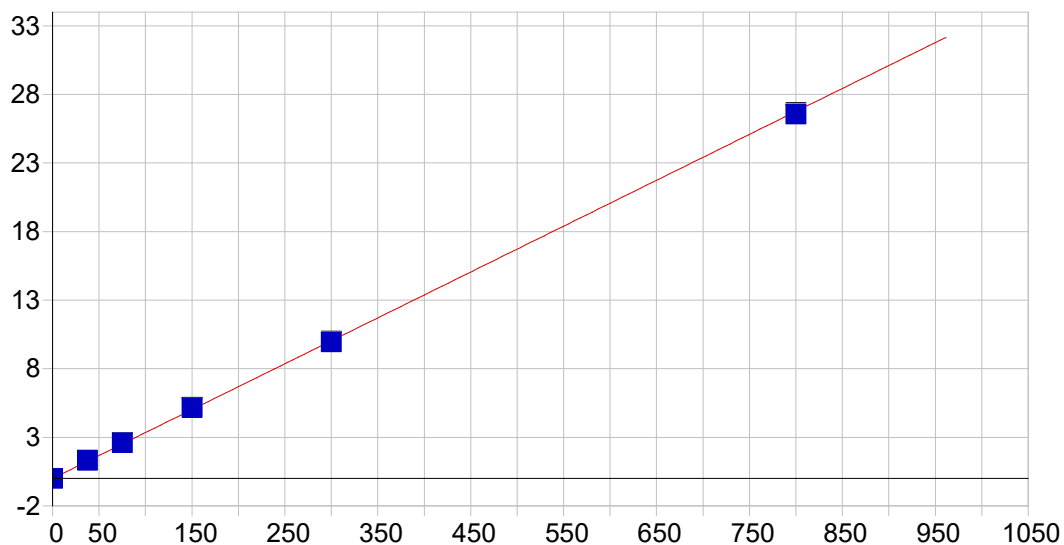


Cu 324.754 {104}

Date of Fit: 10/09/2019 17:41:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.001795	Re-Slope:	1.000000
A1 (Gain):	0.122922	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999992	Status:	OK.
Std Error of Est:	0.000023		
Predicted MDL:	0.002890		
Predicted MQL:	0.009634		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00180	.000	1
S1	.02500	.02315	-.002	-7.39	.00526	.000	1
S2	3.7500	3.7970	.047	1.25	.47592	.002	1
S3	7.5000	7.4921	-.008	-.106	.93752	.000	1
S4	15.000	15.033	.033	.219	1.8792	.001	1
S5	30.000	29.930	-.070	-.232	3.7400	.014	1

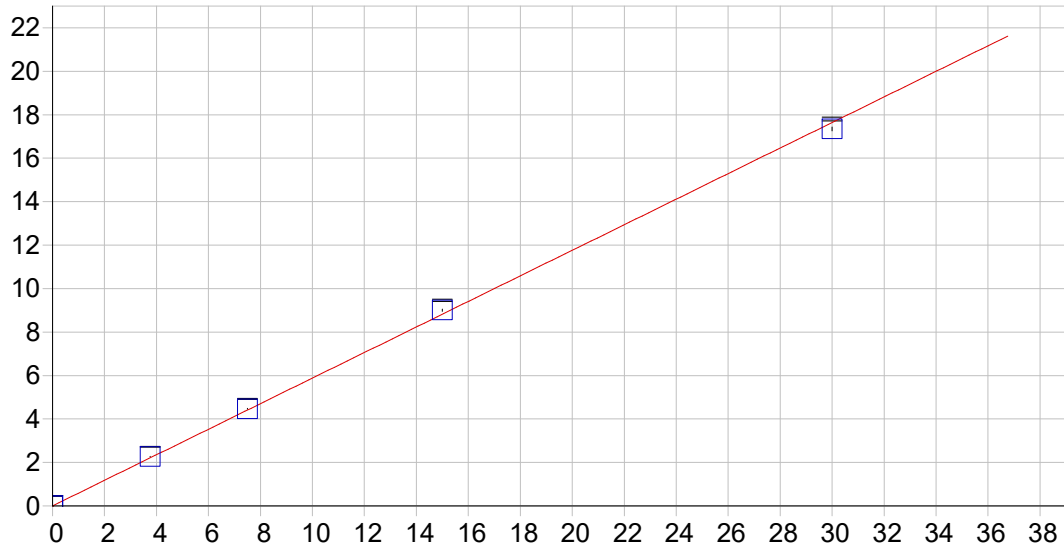


Fe 259.837 {130}

Date of Fit: 10/09/2019 17:41:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000048 Re-Slope: 1.000000
 A1 (Gain): 0.033451 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999867 Status: OK.
 Std Error of Est: 0.000238
 Predicted MDL: 0.006592
 Predicted MQL: 0.021975

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00005	.000	1
S1	.10000	.10358	.004	3.58	.00356	.000	1
S2	37.500	39.337	1.84	4.90	1.3184	.007	1
S3	75.000	77.628	2.63	3.50	2.6019	.015	1
S4	150.00	154.12	4.12	2.75	5.1659	.029	1
S5	300.00	297.37	-2.63	-.877	9.9681	.037	1
S6	800.00	794.04	-5.96	-.746	26.595	.070	1

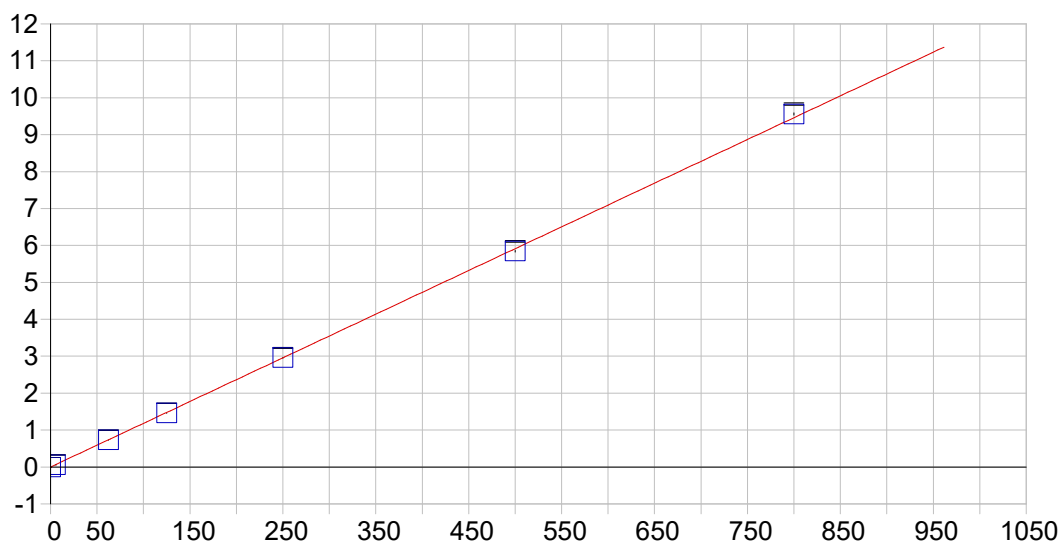


Mn 257.610 {131}

Date of Fit: 10/09/2019 17:41:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000454 Re-Slope: 1.000000
 A1 (Gain): 0.588081 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999836 Status: OK.
 Std Error of Est: 0.000379
 Predicted MDL: 0.000373
 Predicted MQL: 0.001242

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00045	.000	1
S1	.01500	.01535	.000	2.35	.00948	.000	1
S2	3.7500	3.8432	.093	2.48	2.2606	.015	1
S3	7.5000	7.5980	.098	1.31	4.4687	.027	1
S4	15.000	15.311	.311	2.07	9.0045	.050	1
S5	30.000	29.498	-.502	-1.67	17.347	.094	1

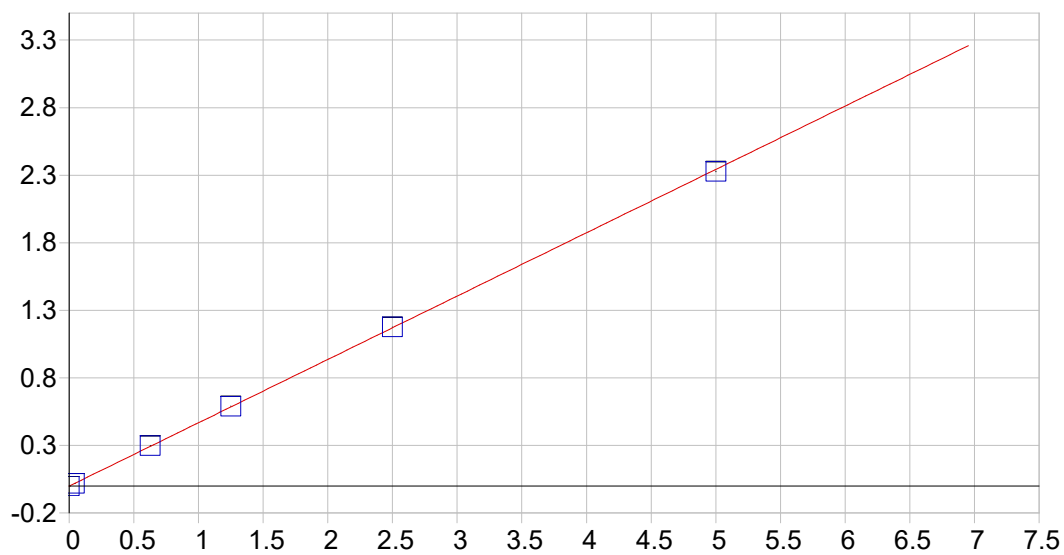


Mg 279.079 {121}

Date of Fit: 10/09/2019 17:41:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000125 Re-Slope: 1.000000
 A1 (Gain): 0.011826 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999944 Status: OK.
 Std Error of Est: 0.000437
 Predicted MDL: 0.022239
 Predicted MQL: 0.074130

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00034	.000	.000	-.00012	.000	1
S1	5.0000	4.7968	-.203	-4.06	.05660	.000	1
S2	62.500	61.682	-.818	-1.31	.72930	.002	1
S3	125.00	123.45	-1.55	-1.24	1.4597	.005	1
S4	250.00	250.07	.066	.027	2.9571	.015	1
S5	500.00	494.12	-5.88	-1.18	5.8431	.023	1
S6	800.00	808.39	8.39	1.05	9.5595	.029	1

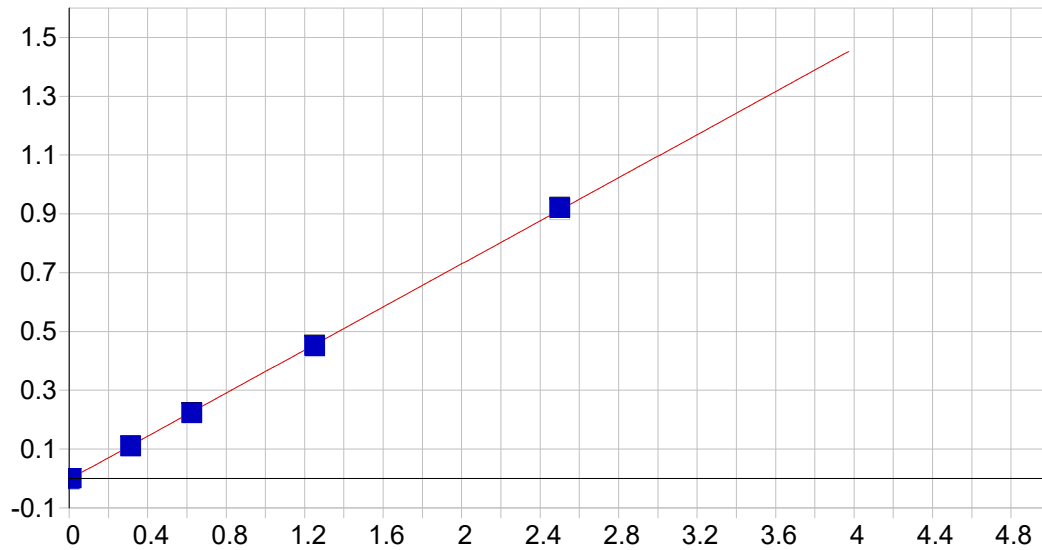


Ni 231.604 {446}

Date of Fit: 10/09/2019 17:41:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001468 Re-Slope: 1.000000
 A1 (Gain): 0.468814 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999968 Status: OK.
 Std Error of Est: 0.000089
 Predicted MDL: 0.000530
 Predicted MQL: 0.001767

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00147	.000	1
S1	.04000	.03967	-.000	-.819	.01713	.000	1
S2	.62500	.63765	.013	2.02	.29747	.001	1
S3	1.2500	1.2605	.010	.836	.58945	.002	1
S4	2.5000	2.5103	.010	.413	1.1754	.001	1
S5	5.0000	4.9669	-.033	-.662	2.3271	.002	1

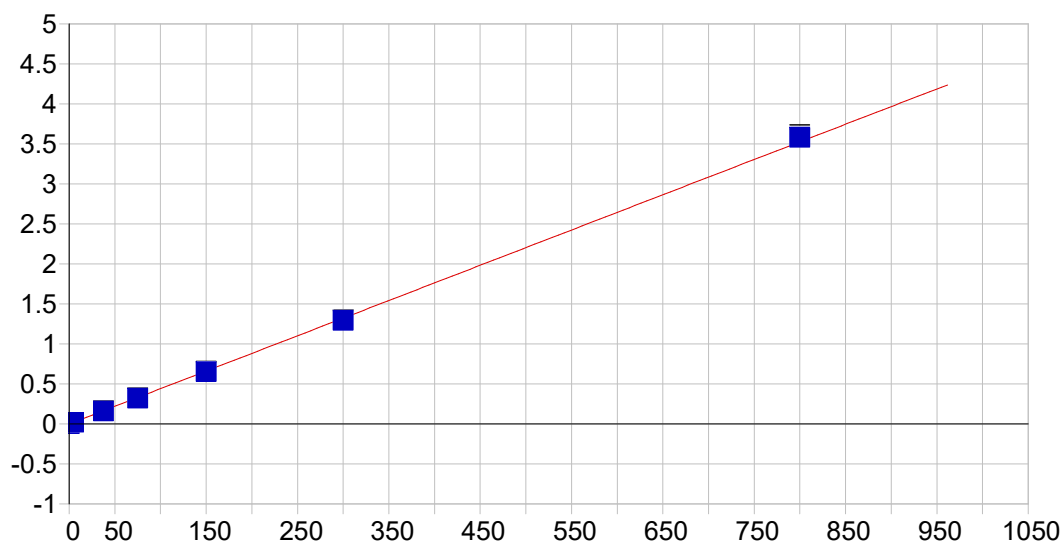


Ag 328.068 {103}

Date of Fit: 10/09/2019 17:41:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002479 Re-Slope: 1.000000
 A1 (Gain): 0.366186 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999949 Status: OK.
 Std Error of Est: 0.000031
 Predicted MDL: 0.000474
 Predicted MQL: 0.001581

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00248	.000	1
S1	.01000	.00978	-.000	-2.22	.00107	.000	1
S2	.31250	.30727	-.005	-1.67	.10906	.001	1
S3	.62500	.61706	-.008	-1.27	.22152	.001	1
S4	1.2500	1.2407	-.009	-.744	.44793	.002	1
S5	2.5000	2.5227	.023	.907	.91346	.002	1

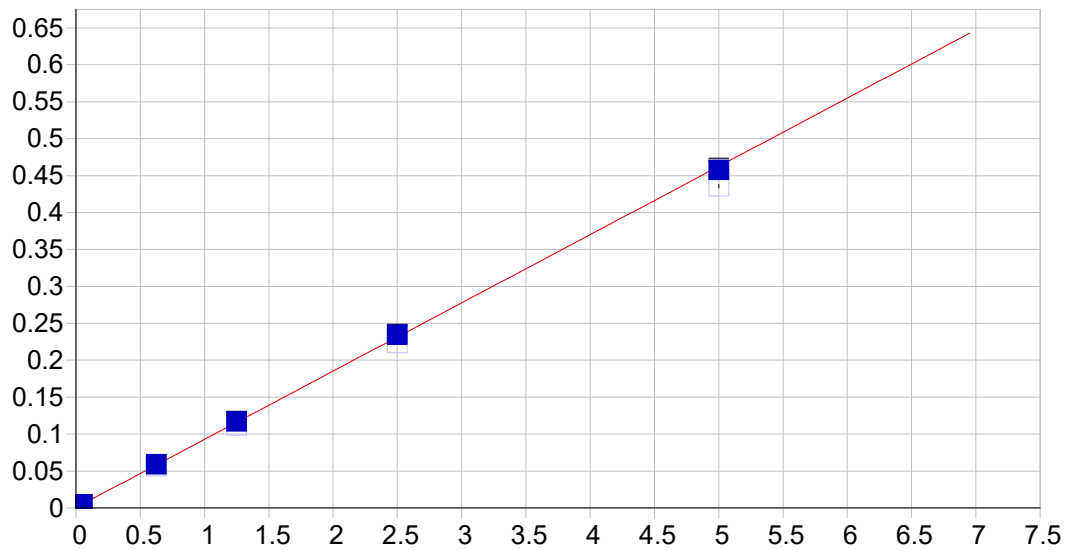


Na 818.326 { 41}

Date of Fit: 10/09/2019 17:41:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000334	Re-Slope:	1.000000
A1 (Gain):	0.004408	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999836	Status:	OK.
Std Error of Est:	0.000248		
Predicted MDL:	0.287898		
Predicted MQL:	0.959659		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00060	.001	.000	-.00033	.001	1
S1	5.0000	4.8081	-.192	-3.84	.02086	.001	1
S2	37.500	36.202	-1.30	-3.46	.15996	.001	1
S3	75.000	72.978	-2.02	-2.70	.32279	.001	1
S4	150.00	148.12	-1.88	-1.26	.65543	.004	1
S5	300.00	293.46	-6.54	-2.18	1.2990	.003	1
S6	800.00	811.94	11.9	1.49	3.5940	.022	1

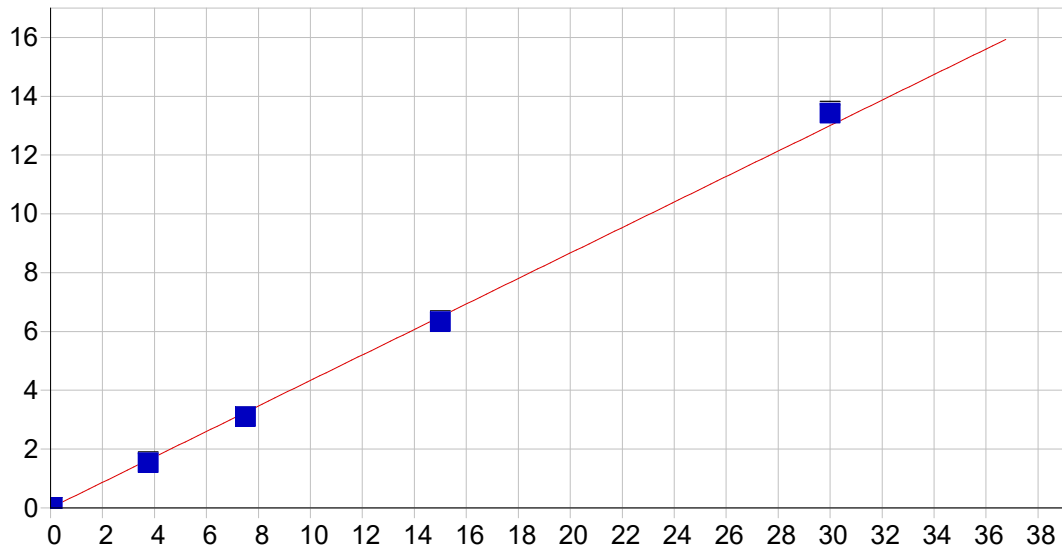


V 292.402 {115}

Date of Fit: 10/09/2019 17:41:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000377	Re-Slope:	1.000000
A1 (Gain):	0.092426	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999934	Status:	OK.
Std Error of Est:	0.000027		
Predicted MDL:	0.002947		
Predicted MQL:	0.009824		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00038	.000	1
S1	.05000	.04957	-.000	-.868	.00495	.000	1
S2	.62500	.63362	.009	1.38	.05617	.000	1
S3	1.2500	1.2615	.011	.920	.11143	.000	1
S4	2.5000	2.5311	.031	1.24	.22324	.001	1
S5	5.0000	4.9493	-.051	-1.01	.43567	.002	1

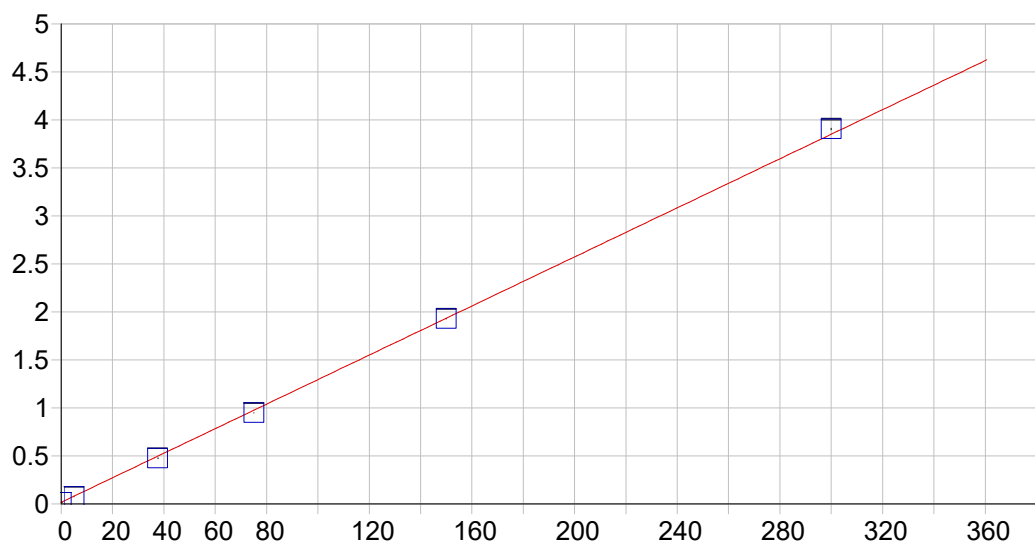


Zn 213.856 {158}

Date of Fit: 10/09/2019 17:41:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000543 Re-Slope: 1.000000
 A1 (Gain): 0.433435 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999371 Status: OK.
 Std Error of Est: 0.001096
 Predicted MDL: 0.001487
 Predicted MQL: 0.004958

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00055	.000	1
S1	.06000	.05402	-.006	-9.97	.02403	.000	1
S2	3.7500	3.5300	-.220	-5.87	1.5332	.029	1
S3	7.5000	7.1489	-.351	-4.68	3.1044	.001	1
S4	15.000	14.611	-.389	-2.59	6.3443	.024	1
S5	30.000	30.966	.966	3.22	13.443	.056	1

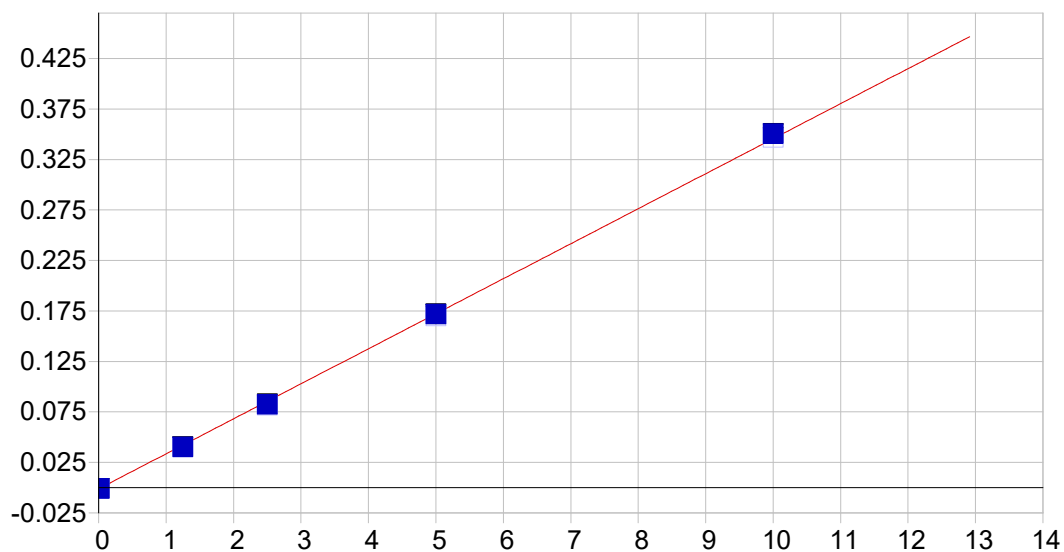


K 769.896 { 44}

Date of Fit: 10/09/2019 17:41:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.016892 Re-Slope: 1.000000
 A1 (Gain): 0.012780 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999811 Status: OK.
 Std Error of Est: 0.000513
 Predicted MDL: 0.081630
 Predicted MQL: 0.272101

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00068	.001	.000	.01690	.001	1
S1	5.0000	4.6048	-.395	-7.90	.07574	.001	1
S2	37.500	35.962	-1.54	-4.10	.47649	.001	1
S3	75.000	72.919	-2.08	-2.78	.94881	.002	1
S4	150.00	149.70	-.302	-.202	1.9301	.005	1
S5	300.00	304.32	4.32	1.44	3.9061	.008	1

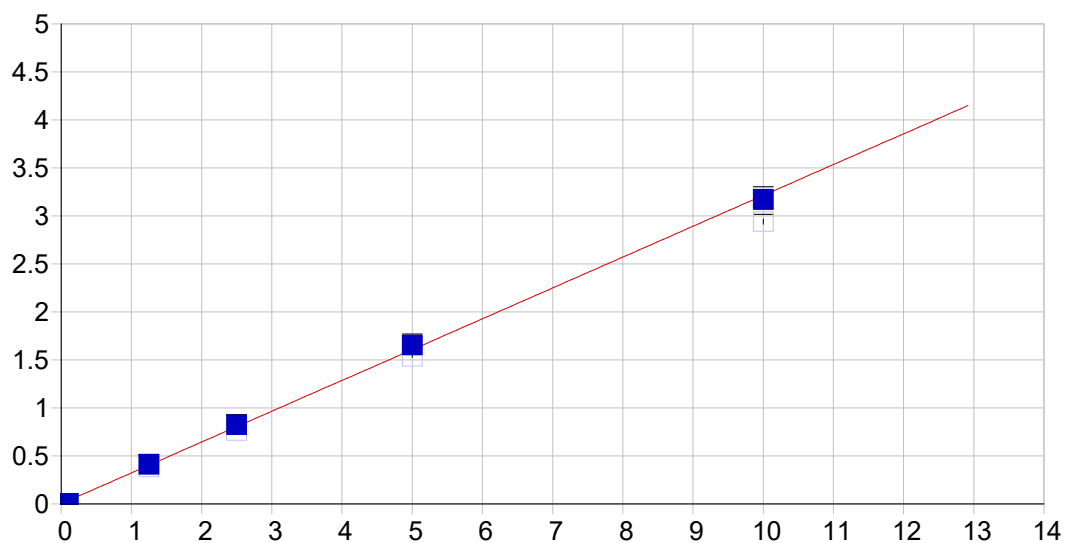


P 177.495 {490}

Date of Fit: 10/09/2019 17:41:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001184 Re-Slope: 1.000000
 A1 (Gain): 0.034679 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999800 Status: OK.
 Std Error of Est: 0.000011
 Predicted MDL: 0.003072
 Predicted MQL: 0.010239

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00118	.000	1
S1	.01000	.01124	.001	12.4	-.00080	.000	1
S2	1.2500	1.1997	-.050	-4.02	.03994	.000	1
S3	2.5000	2.4132	-.087	-3.47	.08153	.000	1
S4	5.0000	4.9904	-.010	-.192	.16994	.000	1
S5	10.000	10.145	.145	1.45	.34676	.000	1

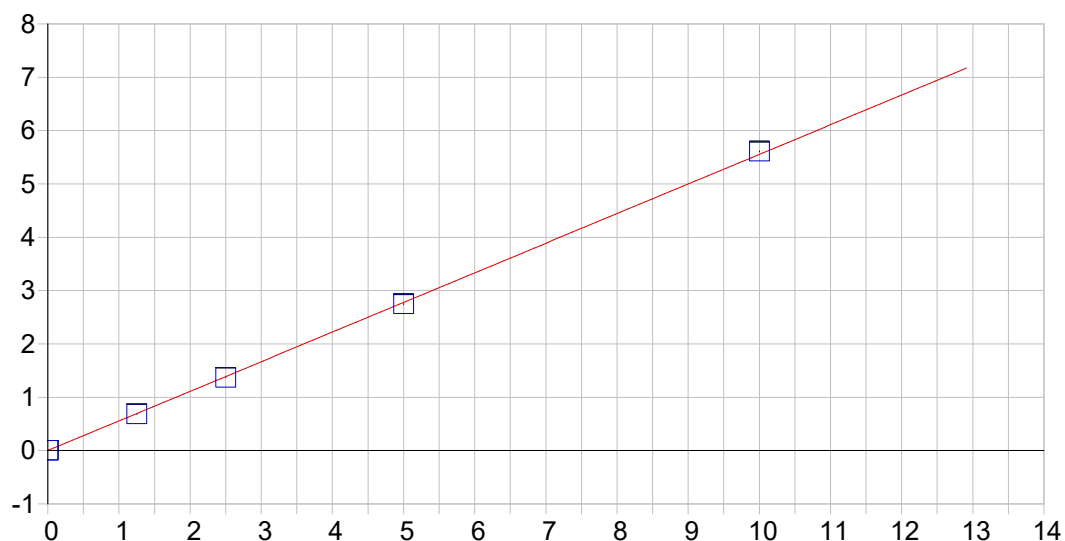


B 249.678 {135}

Date of Fit: 10/09/2019 17:41:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001754 Re-Slope: 1.000000
 A1 (Gain): 0.321130 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997205 Status: OK.
 Std Error of Est: 0.001186
 Predicted MDL: 0.001005
 Predicted MQL: 0.003349

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00009	.000	.000	.00178	.000	1
S1	.10000	.00856	-.091	-91.4	.00444	.000	1
S2	1.2500	1.2759	.026	2.07	.38234	.003	1
S3	2.5000	2.5536	.054	2.14	.76353	.006	1
S4	5.0000	5.1439	.144	2.88	1.5371	.012	1
S5	10.000	9.8750	-.125	-1.25	2.9399	.026	1

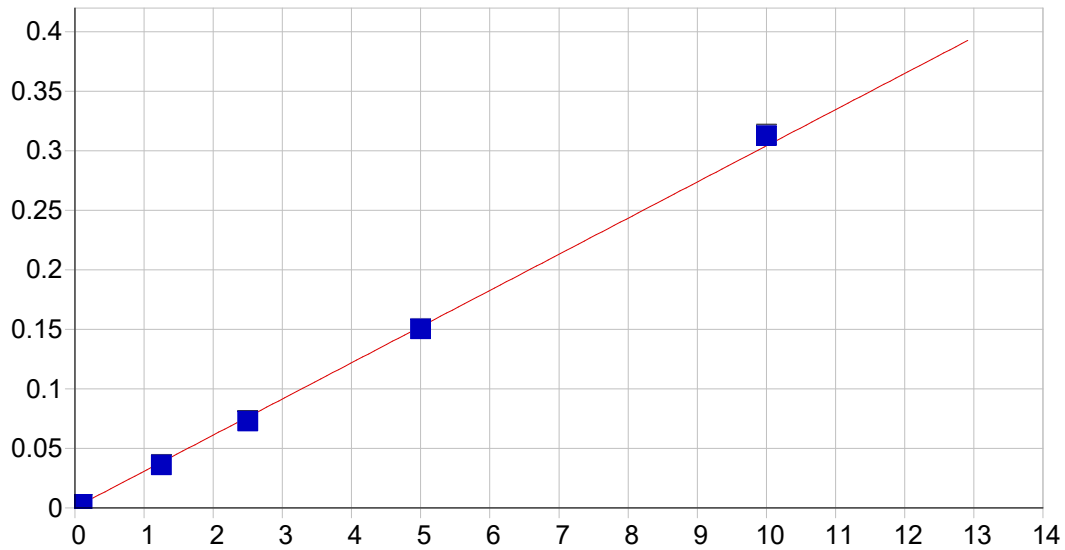


Mo 202.030 {467}

Date of Fit: 10/09/2019 17:41:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000156 Re-Slope: 1.000000
 A1 (Gain): 0.555385 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999938 Status: OK.
 Std Error of Est: 0.000103
 Predicted MDL: 0.000343
 Predicted MQL: 0.001144

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00016	.000	1
S1	.01000	.00944	-.001	-5.60	.00540	.000	1
S2	1.2500	1.2379	-.012	-.966	.68768	.001	1
S3	2.5000	2.4631	-.037	-1.48	1.3681	.002	1
S4	5.0000	4.9468	-.053	-1.06	2.7475	.008	1
S5	10.000	10.103	.103	1.03	5.6111	.008	1

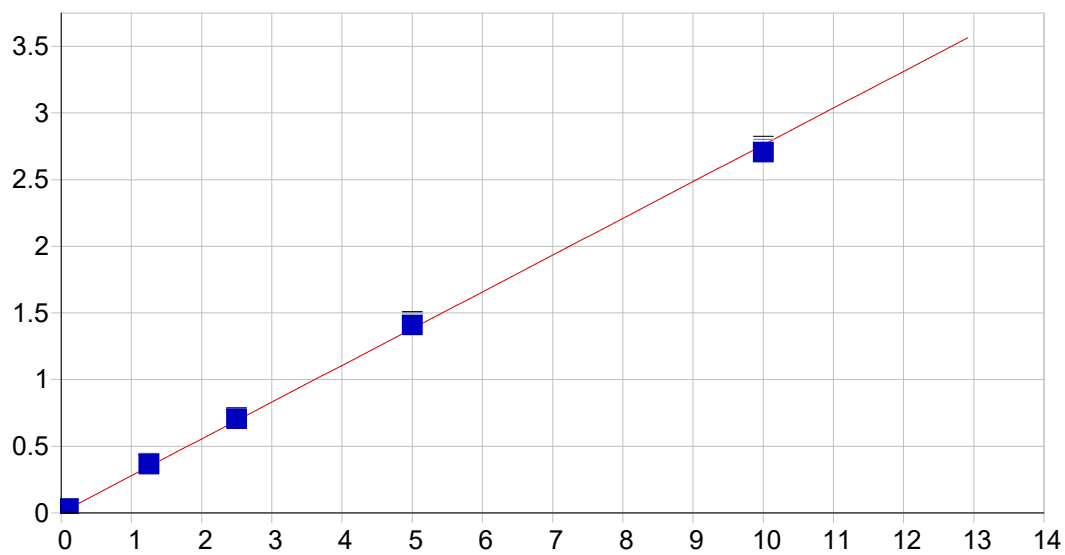


S 182.034 {485}

Date of Fit: 10/09/2019 17:41:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000394 Re-Slope: 1.000000
 A1 (Gain): 0.030385 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999414 Status: OK.
 Std Error of Est: 0.000055
 Predicted MDL: 0.004251
 Predicted MQL: 0.014171

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	.00039	.000	1
S1	.10000	.08141	-.019	-18.6	.00287	.000	1
S2	1.2500	1.1721	-.078	-6.24	.03609	.000	1
S3	2.5000	2.3837	-.116	-4.65	.07298	.000	1
S4	5.0000	4.9362	-.064	-1.28	.15070	.000	1
S5	10.000	10.277	.277	2.77	.31329	.001	1

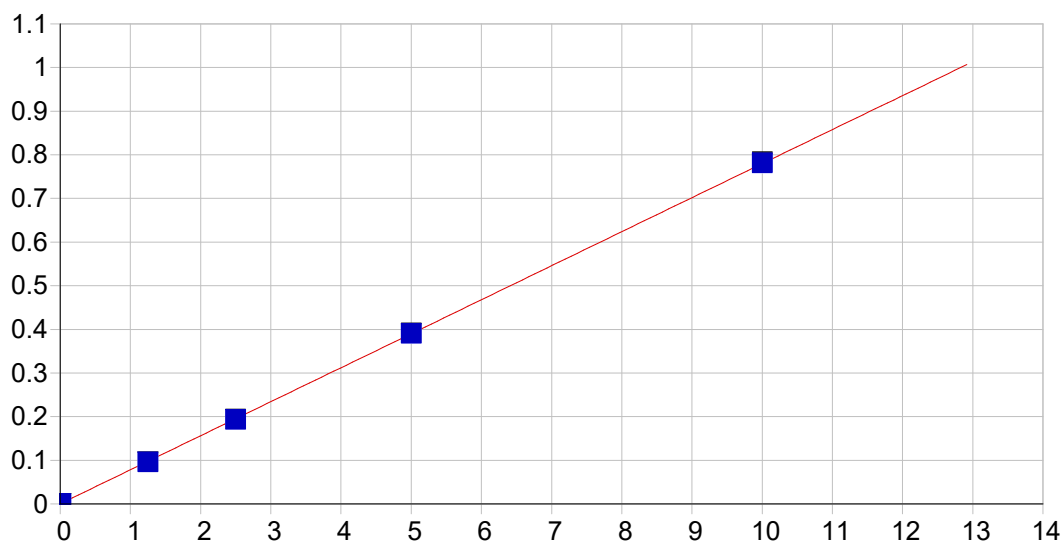


Si 251.611 {134}

Date of Fit: 10/09/2019 17:41:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003531 Re-Slope: 1.000000
 A1 (Gain): 0.275746 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999741 Status: OK.
 Std Error of Est: 0.000337
 Predicted MDL: 0.001194
 Predicted MQL: 0.003980

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00353	.000	1
S1	.10000	.09673	-.003	-3.27	.03030	.000	1
S2	1.2500	1.3096	.060	4.77	.36771	.004	1
S3	2.5000	2.5464	.046	1.86	.71179	.004	1
S4	5.0000	5.1004	.100	2.01	1.4221	.014	1
S5	10.000	9.7968	-.203	-2.03	2.7294	.023	1

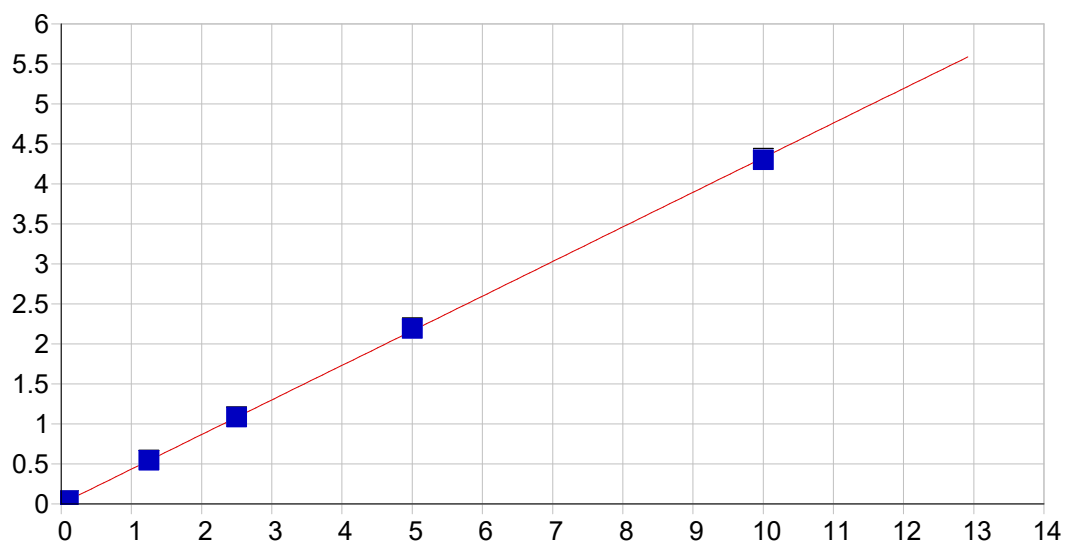


Sn 189.989 {478}

Date of Fit: 10/09/2019 17:41:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000236	Re-Slope:	1.000000
A1 (Gain):	0.077952	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999967	Status:	OK.
Std Error of Est:	0.000009		
Predicted MDL:	0.001430		
Predicted MQL:	0.004767		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00024	.000	1
S1	.00700	.00477	-.002	-31.9	.00059	.000	1
S2	1.2500	1.2331	-.017	-1.35	.09616	.000	1
S3	2.5000	2.4790	-.021	-.841	.19307	.001	1
S4	5.0000	5.0113	.011	.227	.39007	.000	1
S5	10.000	10.029	.029	.288	.78038	.002	1

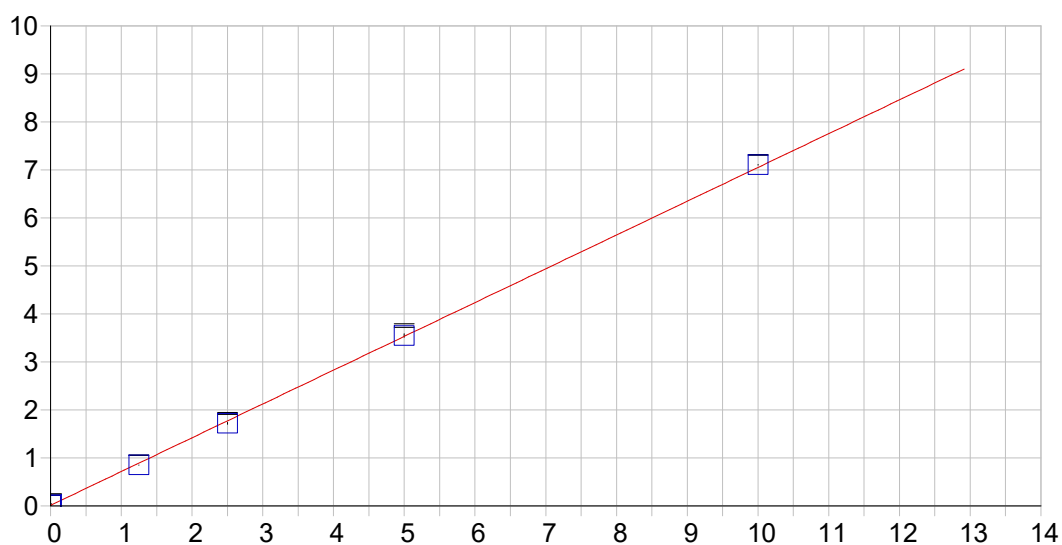


Ti 336.121 {100}

Date of Fit: 10/09/2019 17:41:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.001691	Re-Slope:	1.000000
A1 (Gain):	0.432554	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999956	Status:	OK.
Std Error of Est:	0.000216		
Predicted MDL:	0.001052		
Predicted MQL:	0.003506		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00169	.001	1
S1	.10000	.09241	-.008	-7.59	.04165	.000	1
S2	1.2500	1.2539	.004	.309	.54387	.002	1
S3	2.5000	2.5028	.003	.110	1.0839	.004	1
S4	5.0000	5.0600	.060	1.20	2.1897	.009	1
S5	10.000	9.9410	-.059	-.590	4.3002	.018	1



Li 670.784 { 50}

Date of Fit: 10/09/2019 17:41:30 Type of Fit: Linear Weighting: 1/Conc

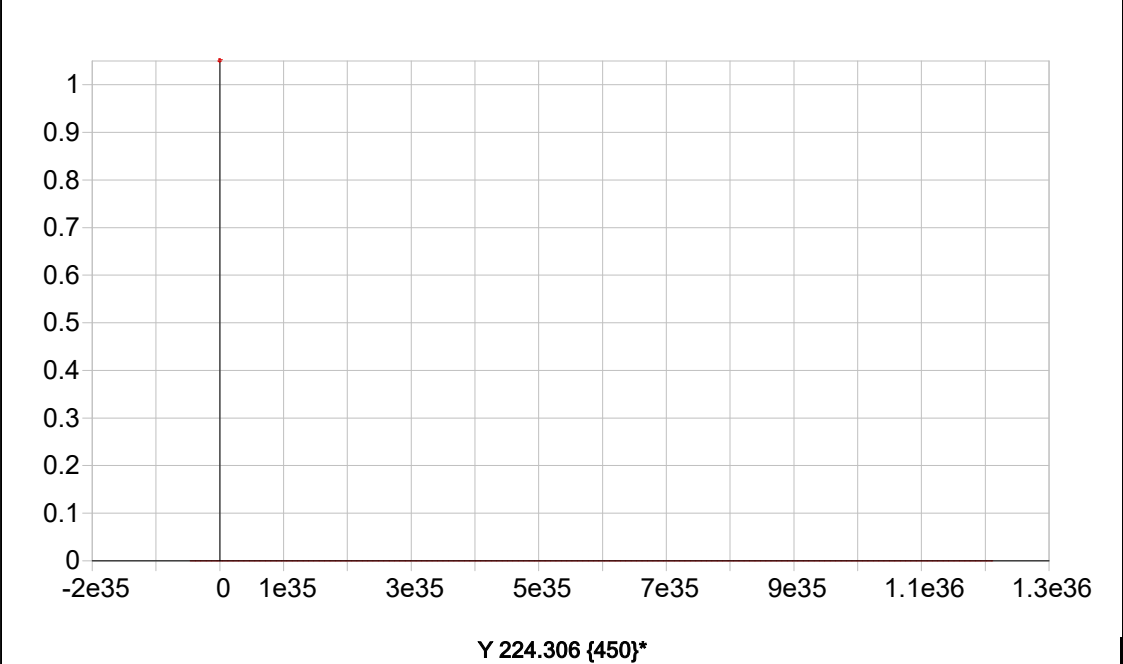
A0 (Offset): 0.012461 Re-Slope: 1.000000
 A1 (Gain): 0.703909 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998484 Status: OK.
 Std Error of Est: 0.000797
 Predicted MDL: 0.001851
 Predicted MQL: 0.006170

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.01244	.001	1
S5	10.000	10.080	.080	.803	7.1081	.007	1
S4	5.0000	5.0243	.024	.485	3.5491	.034	1
S3	2.5000	2.4278	-.072	-2.89	1.7214	.019	1
S2	1.2500	1.1898	-.060	-4.81	.85000	.004	1
S1	.01500	.04272	.028	185.	.04253	.001	1



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

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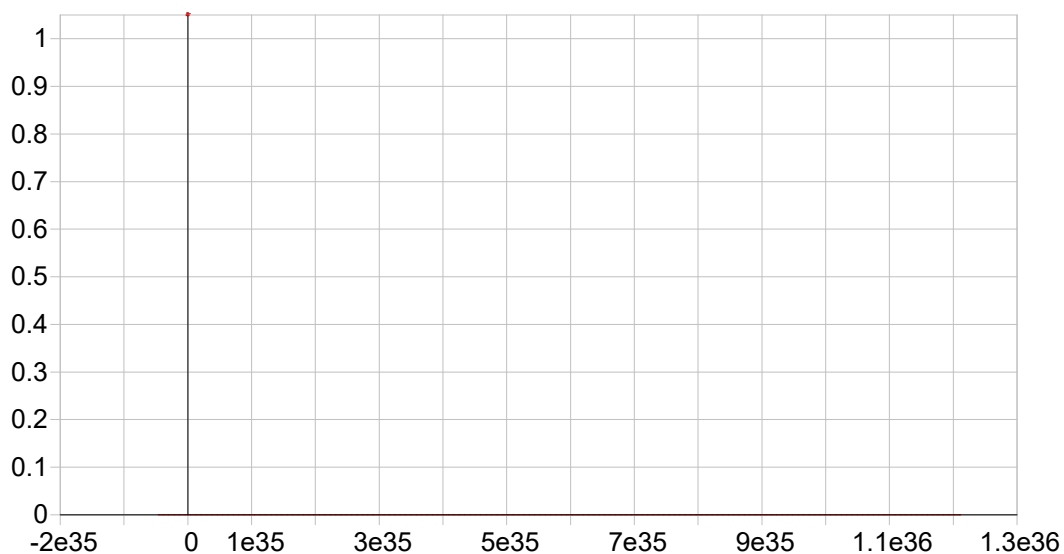


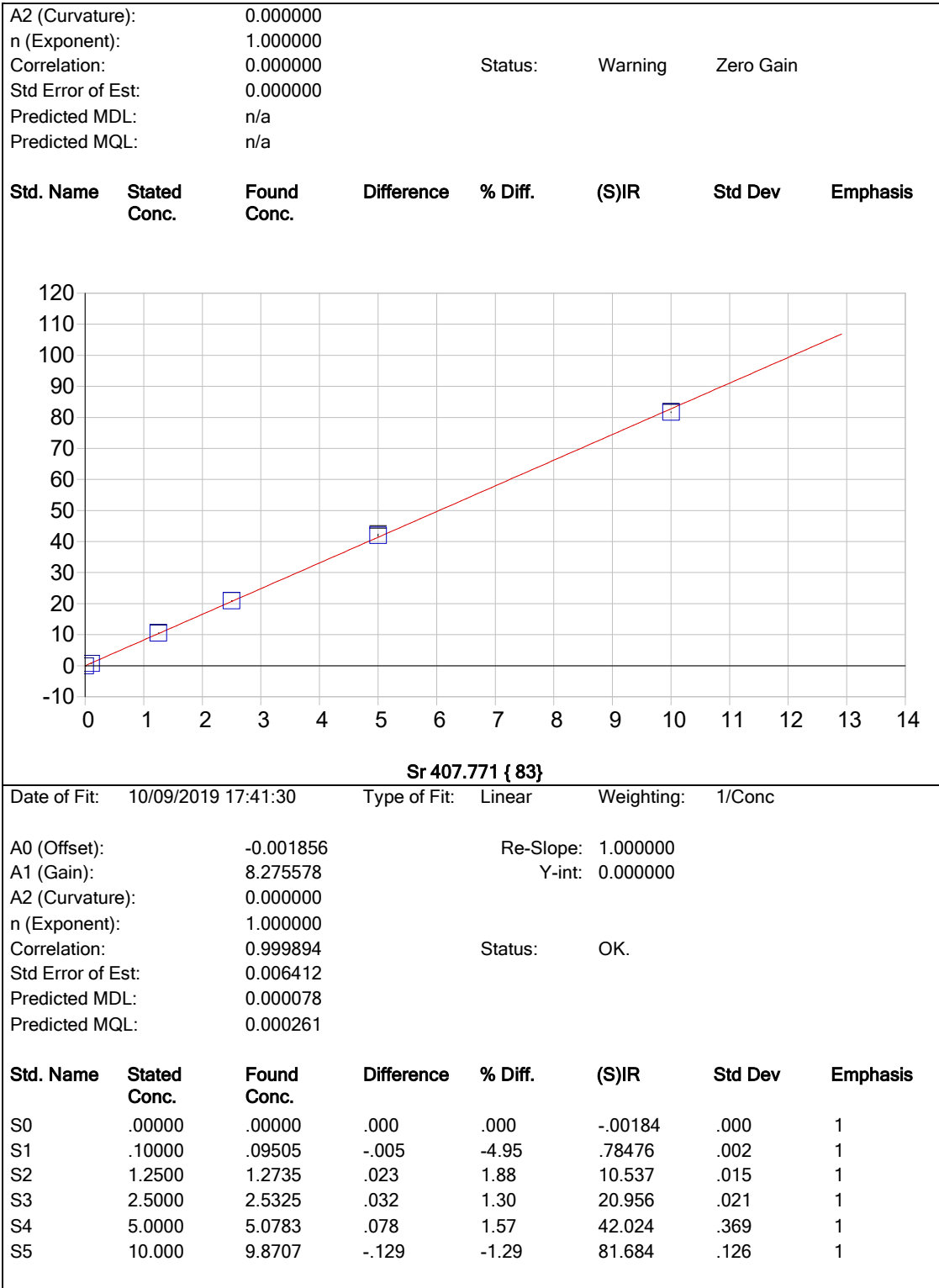
Date of Fit:	<not fit>		Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000		Re-Slope:	1.000000		
A1 (Gain):	0.000000		Y-int:	0.000000		





Y 371.030 { 91}*





Sample Name: S0 Acquired: 10/09/2019 11:18:40 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S00 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00012	-.00036	-.00047	.00050	.00022	.00432	.00303	-.00059
Stddev	.00005	.00010	.00036	.00022	.00008	.00020	.00067	.00021
%RSD	43.707	28.161	77.598	44.268	38.683	4.5349	22.016	36.288
#1	-.00017	-.00024	-.00052	.00063	.00014	.00444	.00363	-.00042
#2	-.00007	-.00044	-.00080	.00024	.00031	.00409	.00314	-.00082
#3	-.00012	-.00039	-.00008	.00063	.00021	.00443	.00231	-.00051
Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00024	.00074	-.00003	.00014	.00180	-.00005	.00045	-.00012
Stddev	.00032	.00097	.00011	.00010	.00019	.00023	.00013	.00013
%RSD	133.32	131.53	394.63	68.480	10.548	477.08	28.213	108.59
#1	.00036	.00046	-.00002	.00024	.00194	-.00031	.00060	-.00008
#2	.00049	-.00006	.00008	.00015	.00186	.00012	.00036	-.00001
#3	-.00012	.00182	-.00015	.00004	.00158	.00004	.00041	-.00027
Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00147	-.00248	-.00033	.00038	.00055	.01690	-.00118	.00178
Stddev	.00016	.00011	.00085	.00017	.00044	.00074	.00007	.00014
%RSD	10.666	4.5813	255.56	44.826	80.143	4.3647	5.7730	8.0745
#1	-.00165	-.00235	-.00066	.00022	.00085	.01749	-.00112	.00181
#2	-.00137	-.00252	.00063	.00056	.00075	.01713	-.00118	.00163
#3	-.00139	-.00256	-.00097	.00036	.00004	.01608	-.00126	.00191
Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	.00016	.00039	.00353	.00024	.00169	.01244	-.00184	
Stddev	.00016	.00013	.00019	.00017	.00065	.00052	.00042	
%RSD	105.17	33.288	5.4417	70.147	38.486	4.2009	22.941	
#1	.00007	.00042	.00345	.00035	.00105	.01192	-.00226	
#2	.00006	.00051	.00339	.00031	.00168	.01297	-.00141	
#3	.00035	.00025	.00375	.00005	.00235	.01244	-.00187	

Sample Name: S0 Acquired: 10/09/2019 11:18:40 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S00 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1811.8	3302.4	42507.	10679.	3398.9
Stddev	7.4	10.6	243.	97.	9.3
%RSD	.40615	.32169	.57075	.90692	.27312
#1	1819.8	3290.4	42628.	10761.	3388.4
#2	1810.2	3306.2	42666.	10703.	3402.3
#3	1805.3	3310.6	42228.	10572.	3405.9

Sample Name: S1 Acquired: 10/09/2019 11:22:47 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00018	.00076	.00180	.00198	.00555	.01515	.41330	.01367
Stddev	.00011	.00005	.00008	.00019	.00028	.00017	.00174	.00024
%RSD	57.272	6.7824	4.6544	9.6157	4.9987	1.1393	.42012	1.7701

#1	.00029	.00070	.00188	.00207	.00542	.01501	.41220	.01339
#2	.00008	.00080	.00171	.00176	.00535	.01510	.41530	.01383
#3	.00019	.00079	.00180	.00211	.00586	.01534	.41239	.01378

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.01582	.26285	.00150	.03933	.00526	.00356	.00948	.05660
Stddev	.00027	.00035	.00004	.00022	.00018	.00021	.00009	.00040
%RSD	1.7003	.13390	2.3781	.56537	3.4143	5.9442	.93988	.71492

#1	.01569	.26244	.00152	.03947	.00520	.00336	.00958	.05682
#2	.01613	.26307	.00152	.03907	.00511	.00352	.00944	.05613
#3	.01564	.26303	.00146	.03945	.00545	.00378	.00942	.05685

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.01713	.00107	.02086	.00495	.02403	.07574	-.00080	.00444
Stddev	.00016	.00005	.00073	.00014	.00008	.00085	.00012	.00029
%RSD	.93291	4.4844	3.4831	2.8753	.33655	1.1156	15.351	6.5007

#1	.01731	.00102	.02134	.00510	.02394	.07667	-.00088	.00477
#2	.01708	.00111	.02002	.00494	.02407	.07503	-.00066	.00432
#3	.01700	.00109	.02122	.00481	.02408	.07553	-.00085	.00423

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	.00540	.00287	.03030	.00059	.04165	.04253	.78476	
Stddev	.00021	.00008	.00038	.00007	.00017	.00131	.00160	
%RSD	3.8655	2.9425	1.2577	12.420	.41507	3.0779	.20404	

#1	.00557	.00296	.02997	.00060	.04179	.04231	.78340	
#2	.00517	.00280	.03022	.00051	.04146	.04394	.78653	
#3	.00546	.00284	.03072	.00066	.04170	.04135	.78436	

Sample Name: S1 Acquired: 10/09/2019 11:22:47 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S01 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1822.6	3303.8	42575.	10650.	3422.6
Stddev	20.6	3.6	270.	52.	4.4
%RSD	1.1308	.10894	.63428	.48570	.12960
#1	1810.2	3299.8	42434.	10680.	3420.6
#2	1811.3	3306.8	42405.	10590.	3419.5
#3	1846.4	3304.9	42887.	10680.	3427.7

Sample Name: S2 Acquired: 10/09/2019 11:26:54 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.03590	.05733	1.2878	.05825	.11350	2.3469	5.3763	.38591
Stddev	.00016	.00021	.0014	.00012	.00013	.0053	.0170	.00377
%RSD	.44901	.36279	.10976	.20309	.11823	.22515	.31676	.97779

#1	.03580	.05750	1.2863	.05824	.11356	2.3408	5.3595	.38945
#2	.03580	.05710	1.2879	.05837	.11334	2.3502	5.3936	.38634
#3	.03608	.05739	1.2891	.05813	.11358	2.3497	5.3756	.38194

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.1073	3.3730	.58030	.52361	.47592	1.3184	2.2606	.72930
Stddev	.0015	.0124	.00072	.00120	.00177	.0068	.0147	.00235
%RSD	.07177	.36923	.12412	.22952	.37296	.51853	.64808	.32220

#1	2.1082	3.3591	.57949	.52480	.47387	1.3114	2.2469	.72659
#2	2.1056	3.3832	.58087	.52364	.47701	1.3251	2.2761	.73073
#3	2.1081	3.3766	.58053	.52239	.47688	1.3188	2.2587	.73057

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.29747	.10906	.15996	.05617	1.5332	.47649	.03994	.38234
Stddev	.00053	.00103	.00073	.00015	.0288	.00095	.00018	.00333
%RSD	.17842	.94509	.45920	.27557	1.8813	.19938	.45333	.87035

#1	.29784	.10848	.15994	.05601	1.5077	.47657	.03998	.38533
#2	.29686	.10845	.16071	.05618	1.5275	.47551	.03974	.38294
#3	.29772	.11025	.15924	.05632	1.5645	.47740	.04009	.37876

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.68768	.03609	.36771	.09616	.54387	.85000	10.537
Stddev	.00121	.00040	.00418	.00011	.00195	.00396	.015
%RSD	.17613	1.1192	1.1361	.11669	.35923	.46607	.14051

#1	.68629	.03630	.37105	.09620	.54170	.84575	10.520
#2	.68847	.03562	.36905	.09624	.54548	.85360	10.545
#3	.68829	.03634	.36303	.09603	.54442	.85065	10.546

Sample Name: S2 Acquired: 10/09/2019 11:26:54 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: IR Corr. Factor: 1.000000
 User: BIN Custom ID1: S02 Custom ID2: Custom ID3:
 Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1743.1	3177.7	41367.	10587.	3156.1
Stddev	24.1	1.9	507.	15.	5.4
%RSD	1.3827	.06112	1.2257	.13847	.17034
#1	1755.2	3176.8	41676.	10570.	3151.7
#2	1758.9	3179.9	41643.	10595.	3162.1
#3	1715.4	3176.4	40782.	10596.	3154.5

Sample Name: S3 Acquired: 10/09/2019 11:30:45 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S03 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.07168	.11266	2.5623	.11351	.22465	4.7147	10.791	.76042
Stddev	.00017	.00027	.0075	.00018	.00032	.0169	.088	.00510
%RSD	.23714	.23931	.29214	.15593	.14055	.35750	.81396	.67006

#1	.07187	.11293	2.5709	.11370	.22428	4.7341	10.883	.76370
#2	.07163	.11264	2.5575	.11346	.22481	4.7034	10.782	.76302
#3	.07154	.11239	2.5585	.11336	.22484	4.7065	10.708	.75455

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.1606	6.7426	1.1354	1.0433	.93752	2.6019	4.4687	1.4597
Stddev	.0116	.0502	.0010	.0018	.00046	.0150	.0269	.0052
%RSD	.27834	.74506	.09160	.17461	.04860	.57583	.60150	.35405

#1	4.1725	6.7948	1.1361	1.0454	.93788	2.6190	4.4997	1.4649
#2	4.1599	6.7383	1.1342	1.0424	.93767	2.5956	4.4535	1.4596
#3	4.1494	6.6946	1.1360	1.0421	.93701	2.5911	4.4528	1.4546

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.58945	.22152	.32279	.11143	3.1044	.94881	.08153	.76353
Stddev	.00151	.00051	.00077	.00049	.0012	.00171	.00043	.00552
%RSD	.25619	.23049	.23803	.44046	.03690	.18021	.52348	.72341

#1	.59091	.22093	.32364	.11199	3.1051	.94963	.08202	.76736
#2	.58954	.22182	.32257	.11126	3.1031	.94995	.08124	.76603
#3	.58790	.22181	.32215	.11105	3.1051	.94684	.08134	.75720

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	1.3681	.07298	.71179	.19307	1.0839	1.7214	20.956	
Stddev	.0020	.00033	.00392	.00053	.0044	.0187	.021	
%RSD	.14366	.45822	.55074	.27449	.40209	1.0843	.10243	

#1	1.3691	.07330	.71560	.19360	1.0889	1.7351	20.954	
#2	1.3694	.07303	.71200	.19254	1.0814	1.7291	20.978	
#3	1.3659	.07263	.70777	.19309	1.0813	1.7002	20.935	

Sample Name: S3 Acquired: 10/09/2019 11:30:45 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S03 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1646.4	3062.5	39940.	10275.	3002.6
Stddev	13.6	5.9	183.	105.	10.8
%RSD	.82853	.19410	.45919	1.0237	.35854
#1	1647.6	3057.3	39956.	10227.	2990.5
#2	1632.2	3061.3	39749.	10203.	3006.2
#3	1659.4	3069.0	40115.	10396.	3011.1

Sample Name: S4 Acquired: 10/09/2019 11:34:35 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S04 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.14629	.22266	5.1662	.22212	.45287	9.6690	21.950	1.5242
Stddev	.00028	.00024	.0059	.00026	.00052	.0341	.158	.0164
%RSD	.18965	.10907	.11441	.11536	.11545	.35250	.71918	1.0782

#1	.14601	.22240	5.1704	.22211	.45278	9.6921	22.049	1.5300
#2	.14656	.22270	5.1594	.22186	.45240	9.6299	21.768	1.5057
#3	.14631	.22288	5.1688	.22237	.45343	9.6851	22.032	1.5370

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	8.2479	13.663	2.2327	2.0883	1.8792	5.1659	9.0045	2.9571
Stddev	.0066	.095	.0040	.0022	.0008	.0288	.0500	.0147
%RSD	.08019	.69203	.18113	.10432	.04487	.55670	.55586	.49563

#1	8.2528	13.713	2.2291	2.0880	1.8789	5.1743	9.0170	2.9631
#2	8.2404	13.554	2.2318	2.0862	1.8802	5.1339	8.9494	2.9403
#3	8.2506	13.723	2.2371	2.0906	1.8786	5.1895	9.0471	2.9677

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.1754	.44793	.65543	.22324	6.3443	1.9301	.16994	1.5371
Stddev	.0013	.00225	.00423	.00113	.0243	.0045	.00024	.0120
%RSD	.10825	.50180	.64502	.50702	.38288	.23495	.14079	.77796

#1	1.1767	.44567	.65854	.22298	6.3235	1.9318	.16980	1.5412
#2	1.1742	.45016	.65062	.22226	6.3710	1.9249	.17021	1.5236
#3	1.1753	.44796	.65714	.22447	6.3383	1.9335	.16980	1.5465

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.7475	.15070	1.4221	.39007	2.1897	3.5491	42.024
Stddev	.0076	.00026	.0143	.00043	.0093	.0343	.369
%RSD	.27723	.17005	1.0064	.11132	.42306	.96633	.87700

#1	2.7470	.15072	1.4295	.39018	2.1950	3.5673	42.218
#2	2.7402	.15043	1.4056	.38959	2.1790	3.5095	42.255
#3	2.7554	.15094	1.4313	.39044	2.1950	3.5704	41.599

Sample Name: S4 Acquired: 10/09/2019 11:34:35 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: IR Corr. Factor: 1.000000
 User: BIN Custom ID1: S04 Custom ID2: Custom ID3:
 Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1561.9	2910.4	39071.	9974.2	2826.9
Stddev	2.9	3.3	191.	75.4	2.0
%RSD	.18598	.11407	.48837	.75629	.07141
#1	1558.5	2914.2	39190.	9926.4	2825.6
#2	1563.7	2909.1	38851.	10061.	2826.0
#3	1563.5	2908.0	39173.	9935.0	2829.3

Sample Name: S5 Acquired: 10/09/2019 11:38:32 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S05 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.30223	.43346	10.349	.44498	.93954	19.399	42.442	2.9440
Stddev	.00009	.00116	.005	.00118	.00175	.079	.357	.0268
%RSD	.03058	.26830	.05239	.26542	.18602	.40837	.84086	.91041

#1	.30214	.43420	10.343	.44386	.93755	19.308	42.157	2.9206
#2	.30232	.43407	10.354	.44622	.94023	19.453	42.842	2.9381
#3	.30222	.43212	10.349	.44486	.94084	19.436	42.327	2.9732

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	16.284	26.490	4.3522	4.1646	3.7400	9.9681	17.347	5.8431
Stddev	.015	.075	.0086	.0053	.0142	.0367	.094	.0227
%RSD	.09116	.28432	.19746	.12599	.38007	.36772	.54060	.38907

#1	16.268	26.404	4.3423	4.1589	3.7241	9.9261	17.242	5.8175
#2	16.285	26.538	4.3579	4.1692	3.7514	9.9846	17.421	5.8512
#3	16.298	26.529	4.3564	4.1656	3.7445	9.9937	17.380	5.8607

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.3271	.91346	1.2990	.43567	13.443	3.9061	.34676	2.9399
Stddev	.0016	.00212	.0034	.00227	.056	.0080	.00030	.0258
%RSD	.06773	.23169	.25852	.52089	.41654	.20483	.08669	.87726

#1	2.3255	.91498	1.2955	.43321	13.449	3.8969	.34709	2.9187
#2	2.3286	.91435	1.3022	.43769	13.496	3.9116	.34650	2.9323
#3	2.3272	.91104	1.2992	.43610	13.385	3.9098	.34671	2.9686

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	5.6111	.31329	2.7294	.78038	4.3002	7.1081	81.684	
Stddev	.0084	.00083	.0228	.00167	.0184	.0075	.126	
%RSD	.14972	.26464	.83590	.21411	.42888	.10540	.15479	

#1	5.6015	.31246	2.7126	.77908	4.2790	7.1046	81.639	
#2	5.6173	.31412	2.7201	.78226	4.3123	7.1167	81.826	
#3	5.6144	.31329	2.7553	.77980	4.3093	7.1031	81.585	

Sample Name: S5 Acquired: 10/09/2019 11:38:32 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: IR Corr. Factor: 1.000000
 User: BIN Custom ID1: S05 Custom ID2: Custom ID3:
 Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1414.3	2684.4	37578.	9953.4	2629.3
Stddev	14.0	5.3	292.	5.8	3.1
%RSD	.99294	.19567	.77616	.05876	.11617
#1	1401.1	2690.2	37347.	9947.6	2632.8
#2	1412.8	2680.0	37481.	9959.3	2626.9
#3	1429.1	2683.1	37906.	9953.2	2628.3

Sample Name: S6 Acquired: 10/09/2019 11:42:35 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: IR Corr. Factor: 1.000000
 User: BIN Custom ID1: S06 Custom ID2: Custom ID3:
 Comment:

Elem	Al3961	Ca3736	Fe2598	Mg2790	Na8183
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	50.232	41.861	26.595	9.5595	3.5940
Stddev	.271	.169	.070	.0292	.0220
%RSD	.54027	.40444	.26491	.30518	.61183

#1	49.968	42.055	26.666	9.5901	3.6105
#2	50.510	41.744	26.525	9.5320	3.5690
#3	50.217	41.784	26.594	9.5565	3.6024

Int. Std.	Y_3710
Units	Cts/S
Avg	9866.4
Stddev	47.3
%RSD	.47911

#1	9813.5
#2	9904.4
#3	9881.2

Sample Name: ICV Acquired: 10/09/2019 11:46:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9681283	1.051911	.9845107	1.026888	.9991551	2.369421
Stddev	.0086629	.003156	.0033816	.003575	.0010173	.010695
%RSD	.8948045	.3000336	.3434839	.3481601	.1018136	.4513961

#1	.9717565	1.055453	.9806120	1.022772	.9984013	2.358013
#2	.9582412	1.050881	.9866479	1.028666	1.000312	2.379222
#3	.9743871	1.049398	.9862724	1.029225	.998752	2.371029

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5110817	.4845949	.4980106	10.52189	.5276082	.4920814
Stddev	.0027746	.0026153	.0016978	.07182	.0017464	.0008898
%RSD	.5428876	.5396794	.3409236	.6825468	.3310048	.1808191

#1	.5134999	.4822573	.4965062	10.57684	.5271660	.4911621
#2	.5116927	.4874194	.4998515	10.54819	.5295332	.4929384
#3	.5080525	.4841078	.4976741	10.44062	.5261254	.4921436

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4788440	5.409791	.5056799	6.049851	.5101191	.4887036
Stddev	.0050592	.015637	.0021830	.039831	.0025548	.0021894
%RSD	1.056549	.2890549	.4317033	.6583816	.5008169	.4479925

#1	.4765925	5.426575	.5067420	6.095024	.5079527	.4907813
#2	.4753013	5.407167	.5071286	6.019776	.5129364	.4864175
#3	.4846381	5.395633	.5031690	6.034753	.5094684	.4889120

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.646681	.5094143	.9461706	9.217107	F .0035241	F .0118809
Stddev	.408976	.0008784	.0085712	.060466	.0003569	.0004490
%RSD	4.239552	.1724357	.9058786	.6560204	10.12763	3.778794

#1	10.04031	.5084072	.9538893	9.161894	.0032698	.0122963
#2	9.67581	.5098140	.9369465	9.281725	.0033703	.0119420
#3	9.22392	.5100219	.9476761	9.207702	.0039321	.0114046

Sample Name: ICV Acquired: 10/09/2019 11:46:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0040316	F .0032798	F .0072100	F .0033717	F .0048868	F .0095188
Stddev	.0002376	.0023062	.0011937	.0010006	.0006246	.0016224
%RSD	5.893608	70.31570	16.55591	29.67743	12.78092	17.04380

#1	.0039161	.0015461	.0080714	.0028606	.0053768	.0109872
#2	.0038738	.0058972	.0058474	.0045247	.0041835	.0097919
#3	.0043049	.0023961	.0077111	.0027298	.0051000	.0077772

Elem	Sr4077
Units	ppm
Avg	F .0114433
Stddev	.0001085
%RSD	.9478350

#1	.0113482
#2	.0115614
#3	.0114204

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1763.527	3242.281	41465.66	10518.84	3346.232
Stddev	19.674	2.582	291.64	44.15	9.907
%RSD	1.115633	.0796371	.7033193	.4197188	.2960770

#1	1740.872	3243.530	41130.92	10469.01	3352.703
#2	1773.397	3239.312	41601.23	10534.43	3334.827
#3	1776.314	3244.002	41664.84	10553.08	3351.168

Sample Name: ICB Acquired: 10/09/2019 11:50:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022769	.0006687	.0021778	.0001078	.0004215	-.004847	.0001370
Stddev	.0027159	.0020912	.0029286	.0023256	.0016150	.005522	.0006121
%RSD	119.2799	312.7224	134.4786	2157.363	383.1334	113.9474	446.7477

#1	.0052419	-.001242	.0012667	-.000445	-.000189	-.001284	.0007638
#2	-.000090	.002902	.0054536	-.001892	-.000800	-.002047	.0001064
#3	.001679	.000346	-.000187	.002660	.002253	-.011208	-.000459

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000602	-.000031	.0019966	.0002492	.0001267	.0024656	.0089749
Stddev	.0000633	.000021	.0089325	.0005495	.0003092	.0029109	.0075307
%RSD	105.1149	69.50250	447.3819	220.5286	243.9748	118.0609	83.90840

#1	-.000011	-.000052	.0122269	-.000225	.0004006	.0043806	.0061957
#2	.000083	-.000032	-.004257	.000121	-.000209	.0039002	.0175002
#3	.000109	-.000009	-.001980	.000851	.000188	-.000884	.0032287

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000098	-.012818	.0000975	-.000147	-.184549	-.001032	.0008560
Stddev	.000464	.013092	.0004015	.000362	.225398	.000720	.0011098
%RSD	473.4162	102.1408	411.9052	246.5271	122.1346	69.75768	129.6492

#1	.000428	-.026170	-.000116	-.000306	-.343623	-.001860	.0018458
#2	-.000446	-.000002	.000561	.000267	.073386	-.000556	.0010658
#3	-.000276	-.012281	-.000152	-.000401	-.283409	-.000680	-.000344

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0340045	-.000255	.0026427	-.000202	-.004047	-.000932	.0001861
Stddev	.0339426	.002114	.0002245	.000135	.005139	.000799	.0003682
%RSD	99.81800	827.7540	8.496318	66.83977	127.0038	85.74991	197.8538

#1	.0486485	.002160	.0023836	-.000145	-.001527	-.000075	.0005346
#2	.0581667	-.001773	.0027803	-.000104	-.000653	-.001063	-.000199
#3	-.004802	-.001153	.0027641	-.000355	-.009960	-.001657	.000223

Sample Name: ICB Acquired: 10/09/2019 11:50:53 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: ICB Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0002203	.0060610	-.000000
Stddev	.0003024	.0010289	.000051
%RSD	137.2757	16.97552	15854.88

#1	.0005382	.0069921	.000027
#2	.0001862	.0049564	-.000059
#3	-.000064	.0062346	.000031

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1777.040	3250.680	41638.78	10383.63	3348.606
Stddev	4.908	1.540	130.66	43.10	3.398
%RSD	.2761761	.0473749	.3137950	.4150737	.1014825

#1	1776.127	3249.111	41789.30	10340.95	3345.133
#2	1782.340	3250.740	41572.48	10382.80	3348.763
#3	1772.652	3252.189	41554.57	10427.14	3351.924

Sample Name: ICSA Acquired: 10/09/2019 11:55:01 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: ICSA Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049421	.0022957	-.002485	.0050251	.0019279	231.5992
Stddev	.0019719	.0056930	.001133	.0038182	.0028928	.4153
%RSD	39.90075	247.9855	45.61323	75.98318	150.0518	.1793146

#1	.0071221	-.003246	-.001758	.0027439	.0050789	231.2212
#2	.0044216	.002004	-.001906	.0028982	-.000608	232.0437
#3	.0032827	.008129	-.003791	.0094331	.001313	231.5326

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0061269	.0011827	-.000281	246.6654	.0547734	.0014399
Stddev	.0008130	.0000213	.000062	.8437	.0006518	.0002798
%RSD	13.26896	1.801037	22.19814	.3420438	1.189998	19.43301

#1	.0065267	.0011615	-.000352	247.2111	.0550734	.0017600
#2	.0066626	.0012041	-.000252	247.0915	.0540256	.0013177
#3	.0051914	.0011826	-.000238	245.6937	.0552211	.0012420

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002593	98.70097	.0114990	249.2656	.0043439	-.007673
Stddev	.002347	.38466	.0003057	.7681	.0010151	.000577
%RSD	90.51333	.3897239	2.658460	.3081593	23.36761	7.520624

#1	.000111	98.80628	.0111514	249.4028	.0031915	-.007709
#2	-.004104	99.02200	.0116198	249.9560	.0047346	-.007079
#3	-.003787	98.27462	.0117258	248.4382	.0051056	-.008231

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.525548	.0007709	.0049988	-.164452	.0081437	-.007437
Stddev	.240586	.0022824	.0004949	.123072	.0046377	.003420
%RSD	45.77804	296.0725	9.900517	74.83795	56.94826	45.98610

#1	-.767690	.0000677	.0054421	-.304862	.0125714	-.011109
#2	-.522406	-.001077	.0050895	-.075259	.0085385	-.004342
#3	-.286549	.003322	.0044648	-.113234	.0033212	-.006860

Sample Name: ICSA Acquired: 10/09/2019 11:55:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002418	F -.003234	F -.001739	-.003172	F .0000384	W .0060417
Stddev	.0003509	.005117	.000668	.003098	.0019630	.0017216
%RSD	145.1369	158.2052	38.39617	97.64697	5115.987	28.49510

#1	-.000065	.001830	-.000969	-.001550	.0003748	.0071117
#2	.000624	-.003132	-.002085	-.001223	-.002071	.0040558
#3	.000167	-.008401	-.002162	-.006744	.001811	.0069577

Elem	Sr4077
Units	ppm
Avg	F .0965407
Stddev	.0002062
%RSD	.2135941

#1	.0963091
#2	.0967045
#3	.0966084

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1669.132	3048.825	39241.73	10201.56	2934.484
Stddev	12.521	7.006	173.44	54.17	7.019
%RSD	.7501763	.2297936	.4419701	.5310177	.2392001

#1	1683.155	3053.454	39426.61	10143.06	2938.011
#2	1665.170	3040.765	39082.62	10211.61	2926.400
#3	1659.071	3052.257	39215.96	10250.00	2939.040

Sample Name: ICSAB Acquired: 10/09/2019 11:59:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1000633	.1097386	.0484539	.0503174	.5790494	230.8379
Stddev	.0015377	.0072949	.0027468	.0009418	.0019239	.4558
%RSD	1.536698	6.647506	5.668829	1.871744	.3322486	.1974616

#1	.1017348	.1105118	.0483731	.0504668	.5779000	230.3603
#2	.0987088	.1166160	.0457484	.0511755	.5779777	230.8853
#3	.0997462	.1020878	.0512402	.0493098	.5812704	231.2682

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5065265	.4775899	.9765045	246.2039	.5632595	.4867281
Stddev	.0011964	.0062482	.0009468	.5077	.0017043	.0006863
%RSD	.2361996	1.308282	.0969620	.2062271	.3025810	.1409928

#1	.5054774	.4706137	.9755445	245.6475	.5618310	.4860382
#2	.5078295	.4794844	.9765314	246.3222	.5651460	.4874107
#3	.5062725	.4826717	.9774375	246.6421	.5628016	.4867355

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4452287	98.42018	.4946578	249.2289	.9846869	.1938646
Stddev	.0037396	.20532	.0023084	.3291	.0021806	.0007543
%RSD	.8399310	.2086156	.4666676	.1320474	.2214531	.3890623

#1	.4489364	98.65344	.4966210	249.5879	.9825833	.1946042
#2	.4452915	98.26683	.4921148	249.1572	.9869372	.1938932
#3	.4414580	98.34028	.4952376	248.9415	.9845404	.1930965

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.320586	.4905180	.9265510	-.234194	F .0136192	-.010154
Stddev	.119890	.0017019	.0194802	.027678	.0026886	.002641
%RSD	37.39709	.3469660	2.102443	11.81842	19.74131	26.00957

#1	-.459017	.4918547	.9486921	-.222691	.0124301	-.007108
#2	-.250291	.4910972	.9189165	-.265769	.0166973	-.011790
#3	-.252450	.4886020	.9120444	-.214123	.0117302	-.011566

Sample Name: ICSAB Acquired: 10/09/2019 11:59:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002099	F -.007424	F -.000451	-.005288	F -.000806	W .0022006
Stddev	.0004429	.003008	.002234	.001366	.001581	.0015081
%RSD	211.0287	40.51361	495.4152	25.82885	196.1511	68.53279

#1	-.000223	-.004308	.001844	-.005320	-.001125	.0020454
#2	.000662	-.007653	-.000578	-.003906	-.002203	.0007761
#3	.000190	-.010310	-.002619	-.006637	.000910	.0037803

Elem	Sr4077
Units	ppm
Avg	F .0959076
Stddev	.0003231
%RSD	.3368754

#1	.0955912
#2	.0962370
#3	.0958948

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1659.120	3052.893	39069.61	10232.01	2943.238
Stddev	20.175	3.212	363.41	33.64	2.245
%RSD	1.216016	.1052184	.9301680	.3287361	.0762822

#1	1636.405	3050.769	38662.36	10263.12	2940.818
#2	1674.955	3056.588	39185.56	10236.60	2943.645
#3	1666.001	3051.322	39360.89	10196.32	2945.253

Sample Name: CCV097 Acquired: 10/09/2019 12:03:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV097 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.994397	4.982713	25.18474	4.953009	4.991683	393.9003	10.41030
Stddev	.009632	.020868	.04130	.014021	.013975	3.7987	.03270
%RSD	.1928506	.4187999	.1639944	.2830831	.2799719	.9643825	.3141585

#1	4.997373	4.995131	25.20895	4.965489	5.005750	390.4806	10.38156
#2	4.983629	4.958621	25.13705	4.937837	4.977802	397.9891	10.40344
#3	5.002190	4.994386	25.20822	4.955700	4.991497	393.2313	10.44589

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5120083	2.522667	408.6956	15.59871	2.554450	15.18924	403.4260
Stddev	.0041109	.004249	1.1764	.03226	.004011	.01558	.4043
%RSD	.8029004	.1684500	.2878332	.2067935	.1570328	.1025706	.1002252

#1	.5086788	2.524897	407.4094	15.57084	2.556448	15.17269	402.9858
#2	.5166031	2.517767	408.9604	15.63405	2.549832	15.20363	403.7809
#3	.5107428	2.525338	409.7169	15.59124	2.557071	15.19139	403.5113

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.18940	403.4659	2.560442	1.277679	396.8398	2.534474	14.97843
Stddev	.04290	.2267	.005337	.004252	.6621	.006053	.12919
%RSD	.2824177	.0561967	.2084592	.3328070	.1668554	.2388352	.8625332

#1	15.14166	403.2305	2.560824	1.272947	396.1051	2.534753	15.03327
#2	15.20182	403.6828	2.554923	1.281180	397.0240	2.540383	14.83087
#3	15.22472	403.4842	2.565577	1.278910	397.3904	2.528286	15.07116

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	154.5626	5.145425	5.064070	4.991559	5.195482	5.033640	5.090908
Stddev	.3167	.045744	.035447	.014247	.007984	.050001	.014421
%RSD	.2048914	.8890225	.6999741	.2854187	.1536681	.9933281	.2832782

#1	154.2036	5.154056	5.031389	5.005816	5.201580	4.988842	5.096263
#2	154.8023	5.095980	5.101752	4.977323	5.198420	5.087581	5.074575
#3	154.6820	5.186239	5.059069	4.991538	5.186445	5.024498	5.101886

Sample Name: CCV097 Acquired: 10/09/2019 12:03:02 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV097 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.067386	5.239852	5.110582
Stddev	.009838	.018804	.084288
%RSD	.1941452	.3588629	1.649276

#1	5.057583	5.222848	5.013438
#2	5.067317	5.236660	5.153975
#3	5.077259	5.260048	5.164331

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1500.837	2808.178	37593.85	9882.109	2675.375
Stddev	9.546	7.797	63.67	35.195	6.613
%RSD	.6360197	.2776481	.1693620	.3561437	.2471653

#1	1495.847	2802.587	37578.56	9920.246	2672.865
#2	1511.843	2817.084	37663.77	9850.882	2682.876
#3	1494.819	2804.861	37539.21	9875.200	2670.386

Sample Name: CCB097 Acquired: 10/09/2019 12:07:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB097 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015927	-.001080	.0020254	.0001152	.0003304	.0055150	.0004229
Stddev	.0033349	.002577	.0019018	.0013379	.0019294	.0109846	.0006207
%RSD	209.3851	238.7115	93.89752	1161.633	584.0013	199.1757	146.7541

#1	-.002258	.000870	.0007157	-.000750	.0025560	-.000275	.0002735
#2	.003562	-.004002	.0042068	-.000561	-.000695	-.001363	-.000109
#3	.003474	-.000107	.0011537	.001656	-.000870	.018183	.001105

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000515	.0000330	.0081557	.0004278	.0002417	.0023957	.0212128
Stddev	.0000247	.0000479	.0044123	.0002622	.0000880	.0040133	.0018637
%RSD	47.94675	144.9990	54.10005	61.29752	36.41172	167.5244	8.785588

#1	.0000799	-.000016	.0114266	.0001315	.0002474	-.000009	.0203384
#2	.0000389	.000036	.0099032	.0005217	.0003267	.007029	.0199472
#3	.0000356	.000079	.0031374	.0006300	.0001510	.000168	.0233529

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005035	-.006851	.0000601	-.000010	-.296013	-.001058	.0010030
Stddev	.0003609	.005263	.0005505	.000332	.296744	.001154	.0011653
%RSD	71.67678	76.82142	915.3638	3462.438	100.2469	109.1096	116.1864

#1	.0008352	-.012840	.0006370	.000372	-.468355	-.000773	.0016361
#2	.0001192	-.004747	.0000030	-.000167	.046635	-.002328	.0017147
#3	.0005562	-.002965	-.000460	-.000233	-.466318	-.000073	-.000342

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.054825	.0001146	.0098074	.0000556	-.003041	-.000427	.0007428
Stddev	.118942	.0020906	.0007007	.0004726	.003184	.000514	.0010650
%RSD	216.9484	1824.309	7.145027	849.1534	104.7052	120.4380	143.3921

#1	-.120782	-.001908	.0096338	.0005248	-.004049	-.001007	.0018423
#2	-.126175	-.000014	.0092097	.0000625	-.005598	-.000244	.0006699
#3	.082482	.002267	.0105786	-.000420	.000525	-.000029	-.000284

Sample Name: CCB097 Acquired: 10/09/2019 12:07:04 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB097 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0003975	.0068862	.0001633
Stddev	.0018698	.0011874	.0000221
%RSD	470.4173	17.24370	13.50890

#1	-.000776	.0078605	.0001827
#2	-.000586	.0055636	.0001393
#3	.002554	.0072346	.0001678

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1763.933	3244.607	41495.28	10573.50	3335.185
Stddev	11.878	1.349	160.21	387.56	4.249
%RSD	.6733958	.0415815	.3860904	3.665347	.1273991

#1	1770.402	3244.610	41318.53	10393.02	3332.329
#2	1750.224	3243.257	41536.39	11018.38	3333.158
#3	1771.172	3245.955	41630.94	10309.11	3340.068

Sample Name: K5091-02A Acquired: 10/09/2019 12:11:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAG9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0167205	.0011226	.1176475	.0036494	.1304342	55.93275	.4794893
Stddev	.0027047	.0012629	.0018176	.0048809	.0039604	.02770	.0017196
%RSD	16.17581	112.4923	1.544926	133.7457	3.036333	.0495214	.3586209

#1	.0183983	-.000020	.1187133	.0035625	.1293705	55.93153	.4813872
#2	.0136004	.000909	.1155488	-.001187	.1348178	55.90569	.4780352
#3	.0181629	.002479	.1186803	.008573	.1271142	55.96104	.4790454

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062459	.0017825	228.8068	.1110358	.0607861	.1583696	165.4356
Stddev	.0000760	.0000532	.3736	.0003820	.0001747	.0031007	.1699
%RSD	1.217431	2.983322	.1632828	.3440056	.2873319	1.957888	.1027008

#1	.0061995	.0018405	229.2230	.1114767	.0608091	.1587023	165.3870
#2	.0062047	.0017360	228.6973	.1108070	.0609482	.1612906	165.6245
#3	.0063337	.0017711	228.5003	.1108236	.0606011	.1551160	165.2953

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.229101	15.38691	.1097676	-.011897	.3514619	.1684298	.7323989
Stddev	.001127	.04060	.0005206	.000202	.1215418	.0008907	.0068894
%RSD	.0917260	.2638597	.4742964	1.696191	34.58179	.5288307	.9406585

#1	1.228127	15.39386	.1091763	-.012073	.3806818	.1687172	.7248406
#2	1.230336	15.42358	.1099693	-.011941	.2179736	.1674308	.7383267
#3	1.228839	15.34328	.1101572	-.011677	.4557302	.1691412	.7340296

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.705640	3.023778	.0051435	.0020993	15.31331	5.501303	.0067170
Stddev	.126050	.002330	.0016314	.0003787	.04563	.032144	.0003455
%RSD	3.401565	.0770613	31.71866	18.04091	.2979655	.5842901	5.143146

#1	3.607184	3.024983	.0033321	.0025224	15.27475	5.529296	.0071059
#2	3.847703	3.025258	.0056011	.0019832	15.36368	5.508414	.0064457
#3	3.662033	3.021092	.0064972	.0017922	15.30150	5.466200	.0065996

Sample Name: K5091-02A Acquired: 10/09/2019 12:11:14 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDBAG9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4279468	.0589002	.3374585
Stddev	.0012460	.0005559	.0004178
%RSD	.2911607	.9437765	.1237946

#1	.4279159	.0593546	.3371646
#2	.4267165	.0582803	.3379367
#3	.4292079	.0590656	.3372743

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1906.701	3506.344	44987.57	11541.27	3196.992
Stddev	12.947	4.864	119.63	16.45	3.546
%RSD	.6790491	.1387270	.2659145	.1425114	.1109122

#1	1920.647	3511.897	45101.85	11546.52	3199.680
#2	1904.392	3502.837	44863.23	11522.84	3198.322
#3	1895.063	3504.298	44997.64	11554.45	3192.973

Sample Name: K5098-20A Acquired: 10/09/2019 12:19:21 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLM82 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0723183	.0011448	.0857064	-.004650	.1269129	143.4867	.7394776
Stddev	.0063037	.0022182	.0011404	.006898	.0035766	.3980	.0026557
%RSD	8.716571	193.7704	1.330586	148.3326	2.818124	.2773634	.3591300

#1	.0735100	-.000618	.0868510	-.005389	.1287283	143.1058	.7366600
#2	.0655038	.000416	.0856979	.002587	.1292177	143.4543	.7398384
#3	.0779410	.003636	.0845702	-.011149	.1227927	143.8998	.7419345

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0053475	-.000847	66.51628	.2248358	.1272325	.3254515	286.2433
Stddev	.0001108	.000103	.22934	.0005708	.0003377	.0012721	.5836
%RSD	2.071423	12.20565	.3447872	.2538827	.2653849	.3908724	.2038874

#1	.0052339	-.000934	66.25510	.2245097	.1275506	.3265219	285.6536
#2	.0053532	-.000875	66.60897	.2254949	.1272686	.3240452	286.2557
#3	.0054553	-.000733	66.68476	.2245028	.1268782	.3257875	286.8206

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.120101	91.68432	.2845784	-.020165	1.767970	.4860892	.5971700
Stddev	.015543	.18945	.0007850	.000264	.125615	.0038590	.0034096
%RSD	.3035721	.2066291	.2758540	1.310438	7.105020	.7938937	.5709667

#1	5.102957	91.53692	.2850553	-.020466	1.626949	.4825290	.5978294
#2	5.124074	91.61805	.2850076	-.019970	1.867871	.4855486	.5934789
#3	5.133272	91.89800	.2836724	-.020059	1.809089	.4901900	.6002018

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.521164	7.327935	.0424402	.0004774	1.369138	3.876735	.0020205
Stddev	.058171	.038758	.0016321	.0001885	.010026	.032333	.0015853
%RSD	1.053603	.5289073	3.845622	39.48962	.7322625	.8340195	78.46332

#1	5.530549	7.314492	.0433890	.0002690	1.368094	3.881055	.0004626
#2	5.574072	7.371625	.0405556	.0006361	1.379644	3.906690	.0036318
#3	5.458871	7.297688	.0433759	.0005272	1.359674	3.842459	.0019669

Sample Name: K5098-20A Acquired: 10/09/2019 12:19:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLM82 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	6.777547	.1622459	.3717689
Stddev	.010580	.0008303	.0012403
%RSD	.1561000	.5117514	.3336152

#1	6.769056	.1613168	.3714759
#2	6.789399	.1629154	.3707013
#3	6.774186	.1625053	.3731294

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1849.155	3382.901	43319.16	11064.05	3124.504
Stddev	21.363	4.389	284.35	13.61	1.607
%RSD	1.155280	.1297415	.6564131	.1229746	.0514292

#1	1847.449	3378.364	43291.61	11077.06	3126.260
#2	1871.319	3387.126	43616.28	11065.17	3123.108
#3	1828.696	3383.212	43049.59	11049.92	3124.145

Sample Name: PB123762BL Acquired: 10/09/2019 12:23:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS762 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001101	.0002542	.0005672	-.001577	.0003499	-.005834	.0000339
Stddev	.000245	.0033131	.0007159	.001731	.0003269	.002470	.0001678
%RSD	22.22113	1303.235	126.2109	109.7468	93.41795	42.34153	495.3381

#1	-.000909	.0000248	.0003160	-.003428	.0000007	-.003718	-.000018
#2	-.001377	.0036761	.0013748	.000000	.0006486	-.005235	-.000102
#3	-.001017	-.002938	.0000108	-.001303	.0004003	-.008548	.000222

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000207	-.000043	-.003882	-.000021	-.000097	.0034588	.0199700
Stddev	.0000562	.000084	.006080	.000380	.000493	.0005903	.0088880
%RSD	271.0575	197.0882	156.6371	1827.150	508.2982	17.06796	44.50673

#1	-.000042	-.000047	-.006339	.000417	-.000626	.0030220	.0242580
#2	.000038	-.000124	.003043	-.000254	-.000012	.0032240	.0259012
#3	.000066	.000043	-.008349	-.000226	.000348	.0041304	.0097510

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000405	-.007777	-.000245	-.000018	-.247800	-.002450	-.000423
Stddev	.0003216	.019665	.000028	.000395	.079969	.002842	.000869
%RSD	793.6381	252.8646	11.40559	2159.204	32.27158	115.9828	205.3420

#1	.0002510	.014480	-.000216	.000090	-.246768	-.004150	.000433
#2	-.000330	-.022803	-.000249	-.000456	-.168351	-.004031	-.000397
#3	.000200	-.015008	-.000271	.000311	-.328279	.000831	-.001304

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.153813	-.000557	-.001935	-.000324	-.005583	-.001595	-.001915
Stddev	.058575	.001330	.000599	.000056	.003597	.000738	.000515
%RSD	38.08201	238.6400	30.96062	17.24532	64.43477	46.27261	26.91415

#1	-.155743	.000207	-.001268	-.000388	-.007907	-.001820	-.001452
#2	-.211400	-.002092	-.002111	-.000282	-.007402	-.000771	-.001823
#3	-.094297	.000214	-.002427	-.000304	-.001439	-.002195	-.002471

Sample Name: PB123762BL Acquired: 10/09/2019 12:23:22 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBS762 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0008936	.0000281	.0000608
Stddev	.0006299	.0014648	.0000168
%RSD	70.49420	5205.589	27.62903

#1	.0007027	.0016993	.0000778
#2	.0015969	-.001033	.0000443
#3	.0003812	-.000581	.0000602

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1747.798	3224.122	40907.90	10196.83	3324.045
Stddev	2.028	2.682	97.44	28.15	8.753
%RSD	.1160325	.0831778	.2382038	.2760602	.2633269

#1	1749.275	3222.644	41011.90	10200.17	3313.938
#2	1745.486	3227.218	40893.08	10167.17	3329.056
#3	1748.634	3222.505	40818.71	10223.17	3329.141

Sample Name: PB123762BS Acquired: 10/09/2019 12:27:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS762 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0231257	.0527340	.0201879	.0724636	.1230516	.3804766
Stddev	.0029914	.0055897	.0012018	.0007132	.0021952	.0088689
%RSD	12.93521	10.59986	5.953184	.9841630	1.783976	2.331009

#1	.0202810	.0466334	.0189833	.0716957	.1205387	.3705009
#2	.0228513	.0539589	.0213869	.0731051	.1245963	.3834589
#3	.0262448	.0576096	.0201936	.0725901	.1240197	.3874700

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4122669	.0101586	.0099137	10.50282	.0223318	.0972012
Stddev	.0021406	.0001487	.0000549	.06543	.0001966	.0002412
%RSD	.5192299	1.463277	.5537494	.6229934	.8801520	.2481775

#1	.4144770	.0102673	.0099509	10.55379	.0223855	.0969598
#2	.4121204	.0102192	.0099396	10.52563	.0224960	.0974423
#3	.4102033	.0099892	.0098507	10.42904	.0221140	.0972015

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0468865	.2167071	.0330252	10.13117	.0816889	.0206142
Stddev	.0011721	.0116605	.0002747	.02109	.0002703	.0000742
%RSD	2.499760	5.380769	.8317616	.2081221	.3308879	.3601068

#1	.0458206	.2258001	.0333323	10.15463	.0814591	.0205364
#2	.0481417	.2207604	.0329408	10.11380	.0816209	.0206220
#3	.0466971	.2035609	.0328027	10.12508	.0819867	.0206842

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.647362	.1050544	.1134677	9.188163	.0221307	F .0179036
Stddev	.130099	.0041114	.0011890	.111790	.0009337	.0004999
%RSD	1.348550	3.913620	1.047880	1.216672	4.219003	2.792025

#1	9.783716	.1027894	.1136082	9.316143	.0211862	.0175333
#2	9.633789	.1098002	.1122146	9.138762	.0230532	.0177052
#3	9.524581	.1025735	.1145802	9.109585	.0221528	.0184722

Sample Name: PB123762BS Acquired: 10/09/2019 12:27:32 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: LCS762 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0199020	.1704324	.2034528	.0113413	.1947245	F .0932969
Stddev	.0002971	.0025748	.0017240	.0001427	.0006105	.0024747
%RSD	1.492854	1.510714	.8473906	1.258283	.3135403	2.652471

#1	.0198129	.1711858	.2054198	.0113714	.1940339	.0944928
#2	.0202334	.1725464	.2027351	.0114666	.1951924	.0949464
#3	.0196596	.1675650	.2022036	.0111860	.1949472	.0904514

Elem	Sr4077
Units	ppm
Avg	.1946579
Stddev	.0004989
%RSD	.2562991

#1	.1943715
#2	.1943682
#3	.1952339

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1755.614	3229.490	41060.95	10225.57	3340.623
Stddev	4.168	3.485	72.40	77.61	6.122
%RSD	.2373895	.1079000	.1763310	.7589997	.1832548

#1	1760.362	3230.101	41038.25	10150.04	3334.499
#2	1752.562	3232.629	41002.62	10221.57	3346.743
#3	1753.917	3225.741	41141.98	10305.11	3340.627

Sample Name: PB123744BL Acquired: 10/09/2019 12:31:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS744 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054030	.0001968	.0015168	-.001446	-.000599	-.007602	.0001123
Stddev	.0034457	.0002827	.0013966	.002141	.001968	.007483	.0001171
%RSD	63.77395	143.6061	92.07847	148.0288	328.6808	98.43890	104.2918

#1	.0043993	.0003833	.0031055	-.002566	-.002138	-.015997	.0002393
#2	.0025705	-.000128	.0009623	.001022	-.001278	-.005174	.0000889
#3	.0092391	.000336	.0004825	-.002796	.001619	-.001634	.0000086

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000542	-.000012	-.004311	.0000494	.0000041	.0010678	.0006859
Stddev	.0000986	.000054	.010790	.0005354	.0002227	.0041591	.0019604
%RSD	182.0080	456.6319	250.2733	1083.241	5467.478	389.5001	285.8119

#1	-.000015	-.000045	.008147	.0004268	.0002127	-.002046	-.000829
#2	.000167	-.000040	-.010689	-.000563	.0000299	-.000542	-.000013
#3	.000010	.000050	-.010392	.000285	-.000230	.005791	.002900

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000219	-.017796	-.000039	.0000564	-.503566	-.001429	-.000852
Stddev	.000117	.014096	.000267	.0004524	.212882	.000945	.001719
%RSD	53.55209	79.20587	687.5817	802.8572	42.27493	66.10556	201.6893

#1	-.000318	-.003737	-.000329	-.000239	-.619335	-.001437	-.002612
#2	-.000250	-.017723	.000195	-.000169	-.257886	-.000481	-.000769
#3	-.000090	-.031928	.000018	.000577	-.633475	-.002370	.000824

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.104570	.0031204	-.002101	-.000299	-.005611	-.002204	-.000606
Stddev	.047137	.0013133	.000702	.000143	.001576	.000552	.000714
%RSD	45.07658	42.08848	33.40831	47.66750	28.08771	25.07235	117.8134

#1	-.055757	.0043133	-.001727	-.000436	-.005470	-.002266	-.000515
#2	-.108124	.0033349	-.002911	-.000310	-.007252	-.002722	-.001361
#3	-.149829	.0017130	-.001665	-.000151	-.004110	-.001622	.000058

Sample Name: PB123744BL Acquired: 10/09/2019 12:31:40 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBS744 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0003328	-.000915	.0000758
Stddev	.0006938	.002076	.0000704
%RSD	208.4939	226.9320	92.85101

#1	.0010186	-.002264	.0000133
#2	.0003486	.001475	.0000621
#3	-.000369	-.001956	.0001521

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1749.249	3224.452	40972.09	10236.70	3322.852
Stddev	10.609	5.125	144.61	37.96	6.471
%RSD	.6064665	.1589566	.3529498	.3708443	.1947542

#1	1745.380	3227.436	40956.59	10209.73	3319.469
#2	1761.249	3218.534	41123.83	10220.25	3318.772
#3	1741.118	3227.386	40835.86	10280.11	3330.313

Sample Name: PB123744BS Acquired: 10/09/2019 12:35:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS744 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0228990	.0509163	.0214773	.0715592	.1228203	.3857192
Stddev	.0056160	.0020181	.0005399	.0025948	.0004598	.0056162
%RSD	24.52523	3.963609	2.513709	3.626065	.3744040	1.456032

#1	.0165880	.0531586	.0208577	.0687207	.1232016	.3820807
#2	.0273461	.0492457	.0218470	.0738092	.1229496	.3921874
#3	.0247630	.0503445	.0217271	.0721476	.1223096	.3828896

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4038607	.0098596	.0097111	10.27179	.0216216	.0947468
Stddev	.0015367	.0000285	.0001744	.06778	.0004565	.0003195
%RSD	.3805053	.2891616	1.796218	.6598913	2.111463	.3372491

#1	.4024361	.0098372	.0096298	10.20718	.0213433	.0950426
#2	.4054892	.0098917	.0099114	10.34235	.0213729	.0944079
#3	.4036567	.0098500	.0095922	10.26584	.0221484	.0947899

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0453559	.2166658	.0322435	9.932922	.0804407	.0203806
Stddev	.0012171	.0034370	.0006865	.091474	.0004731	.0004167
%RSD	2.683416	1.586302	2.129078	.9209164	.5881944	2.044523

#1	.0440376	.2134420	.0318358	9.910988	.0808739	.0207277
#2	.0464368	.2202823	.0330361	10.03337	.0805124	.0204956
#3	.0455935	.2162731	.0318586	9.85441	.0799358	.0199185

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.318624	.1016287	.1089286	9.152260	.0233661	F .0176823
Stddev	.114538	.0022855	.0024456	.071234	.0009967	.0011637
%RSD	1.229131	2.248901	2.245139	.7783182	4.265723	6.581071

#1	9.436693	.0993094	.1074109	9.102831	.0222222	.0165930
#2	9.311201	.1016979	.1117498	9.120037	.0238275	.0175457
#3	9.207978	.1038789	.1076250	9.233912	.0240484	.0189083

Sample Name: PB123744BS Acquired: 10/09/2019 12:35:49 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: LCS744 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0195440	.1705273	.1974068	.0111318	.1909867	F .0919633
Stddev	.0002145	.0009074	.0008026	.0013114	.0002484	.0009790
%RSD	1.097408	.5320965	.4065704	11.78084	.1300647	1.064513
#1	.0197593	.1714275	.1971768	.0109715	.1909744	.0930857
#2	.0195424	.1705413	.1967444	.0125160	.1912411	.0912856
#3	.0193303	.1696130	.1982994	.0099079	.1907447	.0915186

Elem	Sr4077
Units	ppm
Avg	.1908569
Stddev	.0004208
%RSD	.2204898
#1	.1904077
#2	.1909212
#3	.1912419

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1746.720	3209.298	40852.27	10202.69	3326.996
Stddev	12.504	12.388	173.04	37.83	12.193
%RSD	.7158299	.3860109	.4235714	.3707543	.3664803
#1	1744.575	3204.901	40656.70	10222.05	3318.874
#2	1735.428	3199.708	40914.58	10159.10	3321.097
#3	1760.158	3223.285	40985.52	10226.92	3341.016

Sample Name: K5126-01 Acquired: 10/09/2019 12:39:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLM50 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0614064	.0028475	1.265422	.0023657	.0176189	126.0741
Stddev	.0032901	.0051087	.002529	.0015281	.0009419	.5404
%RSD	5.357885	179.4104	.1998591	64.59228	5.345896	.4286451

#1	.0617162	-.001988	1.263706	.0026098	.0166561	126.1559
#2	.0645306	.002340	1.268326	.0037570	.0176623	125.4974
#3	.0579723	.008191	1.264232	.0007303	.0185383	126.5689

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.388780	.0054483	.0049054	82.69749	.1966559	.1130237
Stddev	.009794	.0001435	.0001480	.35922	.0016904	.0005126
%RSD	.4099861	2.633111	3.016185	.4343788	.8595633	.4535658

#1	2.387815	.0053839	.0049798	82.56172	.1969938	.1129010
#2	2.379504	.0056126	.0050015	82.42594	.1981518	.1135865
#3	2.399020	.0053482	.0047350	83.10481	.1948221	.1125835

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8166142	278.6730	5.147384	75.09585	.2500527	-.018456
Stddev	.0006941	1.2111	.023303	.36470	.0017234	.000115
%RSD	.0850017	.4345986	.4527224	.4856496	.6892248	.6213400

#1	.8170958	278.5127	5.155651	75.03637	.2508087	-.018533
#2	.8169283	277.5500	5.121074	74.76455	.2512689	-.018511
#3	.8158186	279.9563	5.165427	75.48664	.2480805	-.018324

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.373809	.4582686	1.708390	10.09588	F 15.13631	.0866031
Stddev	.233470	.0033642	.002318	.14379	.03638	.0011519
%RSD	9.835267	.7341132	.1356957	1.424209	.2403311	1.330117

#1	2.235058	.4578768	1.710335	10.04286	15.17413	.0864852
#2	2.243010	.4551175	1.705825	9.98613	15.13322	.0855147
#3	2.643358	.4618116	1.709011	10.25865	15.10157	.0878095

Sample Name: K5126-01 Acquired: 10/09/2019 12:39:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLM50 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0045978	3.620751	6.446093	.0248315	3.611621	.1252688
Stddev	.0002504	.015759	.016499	.0007510	.011631	.0016012
%RSD	5.446508	.4352519	.2559586	3.024426	.3220496	1.278214

#1	.0046403	3.637445	6.441412	.0244132	3.613771	.1248359
#2	.0043289	3.618679	6.432440	.0256986	3.599065	.1239286
#3	.0048243	3.606131	6.464427	.0243828	3.622028	.1270420

Elem	Sr4077
Units	ppm
Avg	.8609511
Stddev	.0033146
%RSD	.3849947

#1	.8621517
#2	.8572035
#3	.8634982

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1876.280	3457.616	44025.83	11206.16	3155.554
Stddev	12.887	1.171	201.61	111.74	7.176
%RSD	.6868266	.0338696	.4579413	.9971060	.2274058

#1	1877.920	3456.728	43834.10	11214.28	3148.208
#2	1888.269	3457.177	44236.05	11313.62	3155.907
#3	1862.652	3458.943	44007.32	11090.59	3162.547

Sample Name: K5126-02 Acquired: 10/09/2019 12:43:49 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLM51 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0664309	.0031147	1.947591	.0036065	.0090852	117.5991
Stddev	.0015918	.0029902	.004888	.0040322	.0019355	.2463
%RSD	2.396119	96.00295	.2509949	111.8062	21.30421	.2094816

#1	.0646150	.0009322	1.947319	.0080593	.0098367	117.3563
#2	.0670923	.0065230	1.952609	.0002018	.0105322	117.8488
#3	.0675853	.0018889	1.942843	.0025582	.0068866	117.5922

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.874251	.0050457	.0067899	133.9634	.2001267	.0976138
Stddev	.013651	.0000905	.0000310	.3758	.0007849	.0003359
%RSD	.3523642	1.794327	.4560331	.2805485	.3922011	.3440849

#1	3.889960	.0050954	.0067764	134.3870	.2010152	.0972707
#2	3.865271	.0049412	.0068253	133.6698	.1998377	.0976287
#3	3.867521	.0051006	.0067680	133.8335	.1995273	.0979420

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6513140	217.3437	4.932205	64.85338	.2386458	-.013673
Stddev	.0022824	.1115	.006873	.03185	.0006946	.000513
%RSD	.3504312	.0513202	.1393484	.0491071	.2910508	3.749315

#1	.6488244	217.4088	4.937898	64.88295	.2379689	-.014262
#2	.6518101	217.4074	4.934148	64.81966	.2386118	-.013323
#3	.6533076	217.2149	4.924570	64.85753	.2393568	-.013435

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.942813	.4343997	4.174776	15.00262	F 48.85936	.1758278
Stddev	.094924	.0010327	.048641	.03659	.05023	.0027395
%RSD	2.407521	.2377347	1.165110	.2438652	.1028082	1.558038

#1	4.014134	.4339439	4.152937	15.03042	48.81987	.1729874
#2	3.979232	.4355819	4.230508	15.01628	48.91590	.1784537
#3	3.835073	.4336733	4.140882	14.96117	48.84231	.1760422

Sample Name: K5126-02 Acquired: 10/09/2019 12:43:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLM51 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0132169	13.34532	4.775835	.0329332	2.300977	.1088445
Stddev	.0002209	.01390	.054068	.0021546	.009683	.0002478
%RSD	1.671315	.1041676	1.132111	6.542406	.4208100	.2276556

#1	.0130618	13.33520	4.802776	.0325226	2.292311	.1091210
#2	.0134698	13.33958	4.713590	.0352635	2.311428	.1086426
#3	.0131190	13.36117	4.811139	.0310134	2.299191	.1087698

Elem	Sr4077
Units	ppm
Avg	1.556963
Stddev	.002670
%RSD	.1715073

#1	1.554000
#2	1.557707
#3	1.559183

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1824.612	3396.500	43445.81	11059.03	3151.562
Stddev	7.739	2.851	218.15	92.20	3.721
%RSD	.4241470	.0839404	.5021173	.8336658	.1180535

#1	1819.006	3399.781	43194.06	10996.90	3155.730
#2	1821.387	3394.632	43578.99	11164.96	3148.577
#3	1833.442	3395.086	43564.40	11015.23	3150.378

Sample Name: K5126-03 Acquired: 10/09/2019 12:47:44 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLM54 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0558736	.0019793	1.900729	.0006958	.0009512	69.19405	.8698881
Stddev	.0045040	.0021974	.005966	.0034530	.0018407	.39401	.0058492
%RSD	8.061035	111.0167	.3138721	496.2487	193.5190	.5694304	.6724117

#1	.0514950	-.000535	1.906315	.0012648	.0030570	68.78149	.8648486
#2	.0604933	.003533	1.901427	-.003006	-.000351	69.23422	.8685135
#3	.0556324	.002939	1.894445	.003829	.000148	69.56644	.8763022

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0028513	.0017785	119.1143	.1713925	.2443269	.2144943	151.2465
Stddev	.0001040	.0000381	.8019	.0011749	.0006388	.0029928	.9301
%RSD	3.648064	2.142518	.6732548	.6855254	.2614537	1.395292	.6149736

#1	.0027732	.0018224	118.3661	.1727272	.2442372	.2143742	150.2597
#2	.0028113	.0017599	119.0159	.1705142	.2450059	.2115632	151.3727
#3	.0029694	.0017533	119.9609	.1709363	.2437378	.2175453	152.1071

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.380940	51.35122	.1516348	-.010222	1.499030	.2211737	.6534207
Stddev	.019382	.31478	.0004965	.000354	.088980	.0046959	.0056540
%RSD	.5732824	.6129953	.3274119	3.459595	5.935841	2.123159	.8652945

#1	3.362777	51.04252	.1520689	-.010412	1.490972	.2179279	.6486391
#2	3.378697	51.33938	.1517421	-.010441	1.591765	.2190349	.6596612
#3	3.401346	51.67175	.1510935	-.009814	1.414353	.2265582	.6519618

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.818974	6.355189	.1181993	.0012194	6.505304	4.655000	.0398537
Stddev	.022256	.045791	.0035578	.0002759	.029039	.041677	.0014131
%RSD	.5827623	.7205247	3.010030	22.62785	.4463841	.8953264	3.545682

#1	3.818758	6.314472	.1146816	.0015359	6.478844	4.702124	.0414442
#2	3.841336	6.346334	.1181204	.0010923	6.500696	4.639891	.0393738
#3	3.796826	6.404760	.1217959	.0010299	6.536371	4.622984	.0387431

Sample Name: K5126-03 Acquired: 10/09/2019 12:47:44 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLM54 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.428312	.1427530	.5272496
Stddev	.013157	.0009649	.0006359
%RSD	.5417996	.6758999	.1206027

#1	2.413944	.1417997	.5268842
#2	2.431222	.1427301	.5268807
#3	2.439769	.1437291	.5279838

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1782.472	3303.989	42220.00	10740.57	3209.446
Stddev	11.598	7.780	326.08	10.06	8.839
%RSD	.6506962	.2354646	.7723243	.0936572	.2754106

#1	1795.144	3301.642	42523.59	10737.03	3201.425
#2	1772.383	3297.652	42261.08	10751.92	3207.991
#3	1779.888	3312.672	41875.33	10732.75	3218.923

Sample Name: K5126-04 Acquired: 10/09/2019 12:51:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLM66 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0631482	.0035054	.7531947	.0025042	.0076888	130.9795
Stddev	.0045946	.0039017	.0024060	.0058836	.0010958	1.2925
%RSD	7.275949	111.3044	.3194370	234.9529	14.25167	.9868005

#1	.0654448	.0072014	.7558675	-.003846	.0068642	129.9546
#2	.0578581	-.000574	.7525146	.007770	.0072699	130.5525
#3	.0661417	.003888	.7512020	.003589	.0089322	132.4315

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.230563	.0060062	.0619406	69.33191	.2902070	.1182239
Stddev	.013662	.0001528	.0003351	.95095	.0038952	.0005906
%RSD	1.110255	2.544316	.5409709	1.371590	1.342199	.4995571

#1	1.219084	.0058515	.0621746	68.50580	.2893256	.1183181
#2	1.226930	.0060099	.0620905	69.11852	.2868281	.1187618
#3	1.245674	.0061571	.0615568	70.37143	.2944673	.1175919

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4388497	311.7731	5.940751	64.54037	.2912073	-.021095
Stddev	.0090399	3.7475	.074736	.89716	.0013286	.000473
%RSD	2.059911	1.201980	1.258018	1.390082	.4562522	2.240174

#1	.4360765	308.3404	5.870111	63.70312	.2926924	-.021635
#2	.4315212	311.2079	5.933142	64.43063	.2901312	-.020757
#3	.4489513	315.7711	6.019001	65.48736	.2907985	-.020893

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.447687	.4980166	1.180275	7.375149	F 11.28320	.0157982
Stddev	.084077	.0070309	.008301	.106736	.01980	.0038387
%RSD	5.807697	1.411780	.7032767	1.447232	.1755154	24.29857

#1	1.350722	.4923552	1.178200	7.294198	11.30321	.0133892
#2	1.500327	.4958078	1.173208	7.335140	11.28277	.0202250
#3	1.492013	.5058866	1.189416	7.496109	11.26361	.0137803

Sample Name: K5126-04 Acquired: 10/09/2019 12:51:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLM66 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0088389	5.714082	5.442881	.0172618	5.093559	.1336338
Stddev	.0002885	.014535	.073386	.0014107	.043744	.0027134
%RSD	3.264497	.2543644	1.348285	8.172531	.8588034	2.030488

#1	.0088756	5.728497	5.394531	.0187690	5.060679	.1309124
#2	.0091074	5.714319	5.406789	.0159729	5.076793	.1336497
#3	.0085338	5.699430	5.527323	.0170437	5.143206	.1363392

Elem	Sr4077
Units	ppm
Avg	.3609769
Stddev	.0032598
%RSD	.9030523

#1	.3587684
#2	.3594415
#3	.3647209

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1855.576	3450.835	43802.11	11121.23	3193.731
Stddev	6.994	8.961	180.76	94.95	9.876
%RSD	.3769162	.2596710	.4126666	.8537707	.3092417

#1	1862.111	3440.508	43759.64	11214.89	3182.364
#2	1856.420	3456.550	44000.32	11123.75	3198.627
#3	1848.199	3455.449	43646.37	11025.04	3200.204

Sample Name: K5126-05 Acquired: 10/09/2019 12:55:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLM67 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0567828	.0028657	.6784244	.0009500	.0208507	85.72284
Stddev	.0045822	.0040003	.0023692	.0020414	.0015602	.24993
%RSD	8.069770	139.5936	.3492176	214.8871	7.482839	.2915594

#1	.0613781	.0069650	.6796261	.0016074	.0193439	86.00937
#2	.0567564	.0026597	.6756952	-.001339	.0224593	85.60938
#3	.0522138	-.001028	.6799519	.002582	.0207488	85.54975

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.738755	.0033356	.0113843	135.7107	.1950386	.0937046
Stddev	.012098	.0001611	.0000661	1.0064	.0001986	.0001294
%RSD	.6958131	4.830611	.5810990	.7415819	.1018242	.1380807

#1	1.752239	.0035202	.0113578	136.8167	.1950937	.0935630
#2	1.735178	.0032636	.0113354	135.4667	.1948183	.0937341
#3	1.728850	.0032230	.0114595	134.8487	.1952039	.0938167

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9321188	205.8804	11.06579	52.77947	.2323642	-.013032
Stddev	.0026385	1.1459	.09399	.25998	.0006557	.000274
%RSD	.2830599	.5565700	.8493745	.4925834	.2822046	2.100930

#1	.9349662	207.2021	11.17413	53.01988	.2330115	-.012979
#2	.9297567	205.2728	11.01719	52.81496	.2317003	-.013329
#3	.9316335	205.1663	11.00605	52.50356	.2323808	-.012789

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.799245	.3127280	3.486853	9.526476	F 21.86624	.1948272
Stddev	.100587	.0025815	.030314	.084446	.03527	.0011541
%RSD	2.647548	.8254636	.8693824	.8864346	.1612874	.5923914

#1	3.701881	.3146279	3.489579	9.527085	21.82770	.1961598
#2	3.793081	.3137672	3.455268	9.610616	21.89690	.1941787
#3	3.902772	.3097889	3.515712	9.441728	21.87413	.1941432

Sample Name: K5126-05 Acquired: 10/09/2019 12:55:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLM67 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0095163	8.943936	5.067911	.0231028	2.587040	.0779419
Stddev	.0000988	.016982	.044774	.0019342	.007863	.0019722
%RSD	1.038384	.1898695	.8834898	8.372167	.3039332	2.530351

#1	.0095906	8.930470	5.091333	.0216167	2.592194	.0801042
#2	.0094042	8.938324	5.096116	.0224020	2.577990	.0762419
#3	.0095542	8.963013	5.016284	.0252898	2.590935	.0774797

Elem	Sr4077
Units	ppm
Avg	.7571096
Stddev	.0012245
%RSD	.1617316

#1	.7559616
#2	.7583984
#3	.7569688

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1792.127	3305.819	42274.40	10879.80	3172.034
Stddev	.965	5.808	183.08	124.73	5.361
%RSD	.0538512	.1756767	.4330723	1.146415	.1690070

#1	1791.495	3306.717	42067.80	10785.91	3171.991
#2	1791.648	3311.126	42416.50	10832.16	3177.416
#3	1793.238	3299.615	42338.89	11021.33	3166.694

Sample Name: K5126-06 Acquired: 10/09/2019 12:59:31 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLM74 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0643024	.0019096	.1241677	.0066058	.0103962	126.5627	1.008825
Stddev	.0015994	.0018843	.0019129	.0032654	.0009715	.8106	.012130
%RSD	2.487349	98.67684	1.540600	49.43243	9.345075	.6404550	1.202377

#1	.0629408	.0036710	.1219959	.0103585	.0114810	125.6653	.995030
#2	.0660638	.0021350	.1249047	.0044125	.0096063	127.2418	1.017821
#3	.0639027	-.000077	.1256025	.0050464	.0101013	126.7811	1.013624

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0051112	.0050136	87.03795	.2322740	.1163619	.3700224	249.2581
Stddev	.0001498	.0000971	.98754	.0008679	.0006951	.0014580	2.2825
%RSD	2.930665	1.937533	1.134611	.3736492	.5973780	.3940258	.9157343

#1	.0050048	.0049183	85.91340	.2332639	.1170998	.3711015	246.6421
#2	.0052825	.0051125	87.76390	.2319144	.1157194	.3706019	250.8443
#3	.0050463	.0050099	87.43654	.2316437	.1162664	.3683637	250.2878

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.641338	67.57700	.2998921	-.016911	6.067920	.4763213	1.164412
Stddev	.053103	.51335	.0004483	.000265	.067263	.0034898	.018406
%RSD	.9413186	.7596459	.1494800	1.566221	1.108499	.7326519	1.580751

#1	5.583284	66.98773	.3001111	-.017202	6.058869	.4729141	1.145516
#2	5.687460	67.92728	.3001888	-.016850	6.139250	.4798881	1.165434
#3	5.653269	67.81598	.2993764	-.016683	6.005641	.4761618	1.182287

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.991881	7.918156	.0217590	.0022976	5.275226	4.993245	.0051975
Stddev	.014926	.010037	.0078366	.0003261	.011073	.031147	.0002857
%RSD	.2491080	.1267565	36.01534	14.19302	.2099120	.6237800	5.496179

#1	6.008942	7.922131	.0159071	.0022192	5.263797	4.993232	.0054708
#2	5.981235	7.925597	.0187076	.0020178	5.285905	5.024398	.0049009
#3	5.985465	7.906741	.0306623	.0026557	5.275977	4.962105	.0052210

Sample Name: K5126-06 Acquired: 10/09/2019 12:59:31 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLM74 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.783926	.1229829	.5349594
Stddev	.026407	.0019141	.0011337
%RSD	.5519843	1.556431	.2119297

#1	4.754771	.1214061	.5337529
#2	4.806235	.1251127	.5360027
#3	4.790774	.1224301	.5351227

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1828.993	3394.900	43429.53	11082.58	3164.358
Stddev	11.857	5.155	32.40	91.29	8.296
%RSD	.6482851	.1518315	.0746036	.8237641	.2621810

#1	1841.709	3390.601	43407.89	11152.05	3154.865
#2	1827.028	3400.615	43466.78	10979.17	3167.990
#3	1818.240	3393.485	43413.92	11116.51	3170.219

Sample Name: K5126-07 Acquired: 10/09/2019 13:03:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLM75 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0564305	.0022047	.1489947	.0013097	.0040708	109.9290	.8466126
Stddev	.0052583	.0031791	.0015194	.0026333	.0015184	.2846	.0012925
%RSD	9.318243	144.1974	1.019752	201.0563	37.29960	.2588780	.1526721

#1	.0583998	.0011806	.1488043	-.001428	.0051089	109.7844	.8452437
#2	.0604200	-.000336	.1506002	.003824	.0047754	110.2569	.8467822
#3	.0504718	.005770	.1475794	.001534	.0023281	109.7458	.8478120

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0041594	.0009315	71.55481	.2367880	.0973886	.2493229	207.9605
Stddev	.0000781	.0000922	.23408	.0018362	.0009580	.0010052	.6277
%RSD	1.878649	9.897564	.3271401	.7754653	.9837081	.4031581	.3018436

#1	.0040712	.0010290	71.28609	.2351879	.0983742	.2486398	207.2433
#2	.0042198	.0008458	71.71442	.2363834	.0973309	.2504771	208.4095
#3	.0041873	.0009196	71.66391	.2387928	.0964608	.2488519	208.2289

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.235718	57.06141	.2263171	-.014275	3.147594	.4193161	.5088250
Stddev	.028281	.28327	.0007105	.000517	.244769	.0054105	.0030090
%RSD	.4535340	.4964309	.3139242	3.618416	7.776384	1.290312	.5913650

#1	6.218484	56.74976	.2261188	-.014806	3.182645	.4144014	.5067809
#2	6.268358	57.30326	.2257268	-.014244	3.372948	.4251137	.5122803
#3	6.220314	57.13119	.2271056	-.013774	2.887189	.4184332	.5074139

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.024691	8.320597	.0189028	.0010432	4.869169	4.829082	.0000253
Stddev	.004578	.027838	.0015189	.0001127	.005513	.012115	.0002485
%RSD	.1137533	.3345663	8.035100	10.80115	.1132294	.2508856	983.6563

#1	4.028985	8.352499	.0176254	.0010153	4.865918	4.819279	.0002648
#2	4.025216	8.301230	.0185008	.0009471	4.875535	4.842627	.0000424
#3	4.019874	8.308064	.0205823	.0011673	4.866055	4.825340	-.000231

Sample Name: K5126-07 Acquired: 10/09/2019 13:03:29 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLM75 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.375009	.0993798	.4022422
Stddev	.017348	.0015771	.0028960
%RSD	.3965217	1.586949	.7199576

#1	4.367078	.1010053	.4033155
#2	4.394905	.0992783	.4044484
#3	4.363045	.0978559	.3989629

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1844.872	3407.018	43443.90	11109.17	3194.043
Stddev	7.112	12.249	80.32	61.96	5.471
%RSD	.3855134	.3595155	.1848805	.5577687	.1712912

#1	1839.294	3400.879	43392.94	11090.40	3187.891
#2	1842.440	3399.054	43536.49	11058.76	3195.875
#3	1852.881	3421.122	43402.27	11178.35	3198.363

Sample Name: K5126-08 Acquired: 10/09/2019 13:07:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLM78 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0259000	.0006846	.6957944	.0025191	.0142402	37.31591	.7104266
Stddev	.0032618	.0014750	.0003628	.0025465	.0021510	.09709	.0070866
%RSD	12.59387	215.4707	.0521355	101.0866	15.10548	.2601944	.9975093

#1	.0284458	-.000995	.6955801	.0050941	.0120233	37.41230	.7186022
#2	.0270310	.001771	.6962133	.0000021	.0163187	37.31730	.7060395
#3	.0222232	.001278	.6955899	.0024612	.0143785	37.21813	.7066381

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017002	.0058808	104.5646	.1715336	.0663490	.5160297	86.73129
Stddev	.0000525	.0000924	.8514	.0006035	.0002166	.0016256	.25246
%RSD	3.087034	1.571793	.8142628	.3518259	.3265159	.3150140	.2910784

#1	.0016463	.0059380	105.5383	.1717480	.0664744	.5156019	86.99970
#2	.0017033	.0057741	104.1959	.1720005	.0660989	.5178263	86.69557
#3	.0017511	.0059302	103.9597	.1708521	.0664737	.5146607	86.49859

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.749744	26.04506	.0807864	-.005312	.3045203	.1235601	1.625452
Stddev	.019803	.08397	.0002388	.000174	.1800390	.0035362	.023353
%RSD	.7201764	.3224111	.2956482	3.269548	59.12217	2.861957	1.436713

#1	2.768148	26.13173	.0805560	-.005127	.2702535	.1219797	1.598493
#2	2.752296	26.03938	.0807702	-.005339	.1440773	.1276109	1.638401
#3	2.728789	25.96408	.0810329	-.005471	.4992301	.1210897	1.639461

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.768668	8.467274	.1446479	.0024475	7.468301	5.089938	.0452053
Stddev	.093097	.009984	.0014760	.0002079	.011831	.119025	.0012641
%RSD	.9530177	.1179099	1.020396	8.492984	.1584125	2.338432	2.796368

#1	9.867472	8.456889	.1429821	.0026848	7.458158	5.223114	.0452152
#2	9.682586	8.468132	.1457929	.0022978	7.465447	5.052762	.0464643
#3	9.755947	8.476801	.1451686	.0023600	7.481298	4.993939	.0439362

Sample Name: K5126-08 Acquired: 10/09/2019 13:07:29 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLM78 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.312219	.0267691	.5738820
Stddev	.003399	.0012685	.0013392
%RSD	.2589988	4.738719	.2333531

#1	1.312712	.0260435	.5728159
#2	1.315344	.0260299	.5753851
#3	1.308600	.0282338	.5734450

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1757.162	3253.022	41437.81	10585.81	3257.819
Stddev	16.085	2.618	525.27	79.63	7.683
%RSD	.9153974	.0804692	1.267599	.7522612	.2358221

#1	1774.230	3251.021	41947.95	10494.10	3250.236
#2	1754.971	3255.985	41466.84	10637.45	3265.597
#3	1742.285	3252.061	40898.63	10625.88	3257.624

Sample Name: K5126-09 Acquired: 10/09/2019 13:11:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLM79 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0528952	.0025529	2.087341	.0006961	.0049331	128.5497	.6474410
Stddev	.0053873	.0048573	.006519	.0039028	.0036708	.2401	.0029276
%RSD	10.18486	190.2667	.3123067	560.6334	74.41129	.1867513	.4521819

#1	.0491967	.0076203	2.080848	-.003082	.0019701	128.3686	.6468754
#2	.0590762	-.002063	2.093886	.000458	.0090394	128.4586	.6448375
#3	.0504128	.002101	2.087290	.004712	.0037896	128.8220	.6506102

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0048334	.0026377	60.04427	.2109253	.1098395	.2401889	272.0881
Stddev	.0001062	.0000810	.39091	.0007054	.0003303	.0005494	.8726
%RSD	2.197042	3.069455	.6510326	.3344181	.3007213	.2287449	.3207058

#1	.0049469	.0027309	60.05865	.2104236	.1102195	.2396553	271.7579
#2	.0047364	.0025851	59.64636	.2106205	.1096208	.2401586	271.4288
#3	.0048170	.0025970	60.42778	.2117319	.1096782	.2407529	273.0776

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.738686	83.06461	.2322438	-.019093	.5380318	.4651894	1.303316
Stddev	.007455	.37276	.0002931	.000510	.1572682	.0012364	.003285
%RSD	.1573158	.4487642	.1261843	2.669552	29.23029	.2657930	.2520603

#1	4.739896	83.03711	.2322318	-.018676	.6145565	.4649073	1.299712
#2	4.730700	82.70635	.2319569	-.018943	.3571466	.4641185	1.306143
#3	4.745461	83.45036	.2325427	-.019661	.6423924	.4665426	1.304093

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.487844	7.592898	.0274532	.0016327	2.557887	6.576427	.0127106
Stddev	.059946	.019681	.0020223	.0006487	.015296	.024639	.0013444
%RSD	.8005778	.2592036	7.366426	39.73379	.5979854	.3746500	10.57678

#1	7.556465	7.600191	.0259466	.0023718	2.571840	6.578624	.0139103
#2	7.445669	7.607891	.0266613	.0013684	2.560287	6.550764	.0129639
#3	7.461396	7.570611	.0297516	.0011578	2.541532	6.599894	.0112576

Sample Name: K5126-09 Acquired: 10/09/2019 13:11:28 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLM79 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.598756	.1261628	.3095186
Stddev	.017528	.0012910	.0007071
%RSD	.3130691	1.023293	.2284460

#1	5.583038	.1274516	.3095245
#2	5.595574	.1248696	.3102227
#3	5.617658	.1261672	.3088086

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1824.042	3382.921	43247.21	10958.47	3178.902
Stddev	9.421	11.391	176.86	31.88	6.247
%RSD	.5164662	.3367300	.4089532	.2909600	.1965215

#1	1813.375	3369.768	43416.57	10921.67	3174.253
#2	1827.532	3389.643	43063.70	10977.81	3176.450
#3	1831.220	3389.351	43261.37	10975.94	3186.003

Sample Name: K5126-10 Acquired: 10/09/2019 13:15:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLM80 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0655453	.0000744	28.00211	.0029429	.8030615	149.3839
Stddev	.0013388	.0040888	.03293	.0087630	.0040152	.6368
%RSD	2.042480	5494.006	.1176113	297.7634	.4999822	.4262553

#1	.0670338	.0004292	27.96795	-.005426	.8006167	149.3701
#2	.0644397	-.004180	28.00473	.002203	.8008724	150.0275
#3	.0651625	.003974	28.03366	.012053	.8076955	148.7542

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.823160	.0040342	.6944003	148.7552	.2621542	.0911446
Stddev	.044254	.0000899	.0004834	.6414	.0010002	.0006124
%RSD	.5015690	2.227505	.0696125	.4311572	.3815226	.6718684

#1	8.862635	.0041028	.6939654	149.2023	.2615064	.0904475
#2	8.831523	.0039325	.6943147	149.0429	.2633061	.0913903
#3	8.775320	.0040674	.6949207	148.0203	.2616501	.0915959

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 256.1339	228.1072	4.147034	53.79367	.4518646	-.006601
Stddev	1.2601	1.1149	.019179	.20445	.0013582	.000336
%RSD	.4919602	.4887521	.4624670	.3800701	.3005837	5.086675

#1	255.3763	228.6477	4.161350	53.83214	.4512683	-.006563
#2	257.5885	228.8489	4.154509	53.97616	.4509065	-.006286
#3	255.4370	226.8252	4.125244	53.57272	.4534190	-.006954

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.453025	.3251649	26.08014	7.808939	F 10.48643	.2081088
Stddev	.388651	.0076130	.09067	.074704	.03226	.0009163
%RSD	26.74768	2.341269	.3476676	.9566492	.3076114	.4402780

#1	1.098642	.3335542	25.99513	7.823059	10.45016	.2089684
#2	1.391767	.3232443	26.06972	7.875576	10.51192	.2082132
#3	1.868667	.3186961	26.17557	7.728183	10.49721	.2071448

Sample Name: K5126-10 Acquired: 10/09/2019 13:15:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLM80 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0261459	7.561434	7.777781	1.056502	4.130297	.0963631
Stddev	.0002989	.015263	.064060	.001690	.017619	.0017343
%RSD	1.143062	.2018554	.8236231	.1600017	.4265733	1.799719

#1	.0264393	7.544301	7.834740	1.054666	4.129321	.0982462
#2	.0258419	7.566421	7.790171	1.056845	4.148383	.0960117
#3	.0261565	7.573580	7.708431	1.057994	4.113186	.0948314

Elem	Sr4077
Units	ppm
Avg	.5623904
Stddev	.0026258
%RSD	.4668970

#1	.5623551
#2	.5650337
#3	.5597824

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1699.007	2807.592	42328.15	10869.85	3153.891
Stddev	8.447	4.734	187.85	35.66	3.792
%RSD	.4971833	.1686031	.4437985	.3280379	.1202467

#1	1700.266	2805.220	42462.45	10831.20	3150.154
#2	1706.755	2804.513	42408.51	10876.87	3153.782
#3	1690.001	2813.043	42113.48	10901.47	3157.736

Sample Name: K5126-11 Acquired: 10/09/2019 13:19:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLM83L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0572054	.0013360	.9352585	.0057729	.0044658	108.2905	1.718345
Stddev	.0033410	.0032107	.0031415	.0020271	.0007836	.4591	.014490
%RSD	5.840353	240.3275	.3359017	35.11378	17.54752	.4239303	.8432403

#1	.0596029	-.001863	.9358082	.0079556	.0051855	107.7613	1.702545
#2	.0586242	.004558	.9380890	.0039494	.0036310	108.5281	1.731011
#3	.0533892	.001314	.9318784	.0054138	.0045809	108.5821	1.721480

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0047016	.0023092	68.71410	.1769820	.0976803	.3515263	222.9643
Stddev	.0000658	.0000834	.64076	.0003255	.0007422	.0048082	1.5559
%RSD	1.398959	3.610107	.9324989	.1839213	.7598735	1.367819	.6978192

#1	.0046808	.0024052	67.98201	.1768408	.0980673	.3461107	221.1795
#2	.0046487	.0022558	69.17292	.1773543	.0981491	.3552937	224.0347
#3	.0047752	.0022665	68.98738	.1767510	.0968246	.3531744	223.6786

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.917605	67.91580	.2166376	-.015470	1.321611	.4458857	1.973452
Stddev	.029855	.49335	.0003442	.000193	.116386	.0078155	.007800
%RSD	.7620701	.7264203	.1589061	1.248281	8.806403	1.752811	.3952324

#1	3.883132	67.35559	.2169030	-.015321	1.233769	.4372770	1.968738
#2	3.934831	68.28545	.2167612	-.015688	1.453615	.4525354	1.969163
#3	3.934853	68.10637	.2162486	-.015402	1.277450	.4478448	1.982455

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.35275	6.922069	.0588295	.0005242	2.478686	5.505883	.0097909
Stddev	.08876	.025498	.0047656	.0000678	.007246	.031184	.0015330
%RSD	.6184033	.3683584	8.100718	12.92653	.2923443	.5663776	15.65740

#1	14.27492	6.899740	.0535834	.0006023	2.483681	5.482932	.0081141
#2	14.33391	6.916614	.0600137	.0004881	2.482002	5.541388	.0101379
#3	14.44941	6.949853	.0628913	.0004821	2.470375	5.493330	.0111206

Sample Name: K5126-11 Acquired: 10/09/2019 13:19:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLM83L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.621020	.2164138	.6165839
Stddev	.022602	.0044601	.0001678
%RSD	.4891113	2.060925	.0272219

#1	4.595289	.2120948	.6163997
#2	4.630106	.2210028	.6166238
#3	4.637665	.2161439	.6167281

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1845.822	3410.828	43464.25	11110.07	3178.423
Stddev	5.547	2.496	222.25	16.60	2.702
%RSD	.3005425	.0731704	.5113318	.1494461	.0850223

#1	1840.426	3413.393	43718.26	11122.51	3181.461
#2	1851.509	3410.683	43368.85	11091.22	3176.285
#3	1845.529	3408.408	43305.62	11116.49	3177.524

Sample Name: K5126-12 Acquired: 10/09/2019 13:23:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLM83D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0488755	-.000340	.9276354	-.002625	.0039749	108.6718	1.707315
Stddev	.0008392	.002328	.0045816	.002796	.0031084	.3493	.009170
%RSD	1.717085	684.0299	.4938981	106.5206	78.20002	.3214645	.5370992

#1	.0479819	-.000135	.9231250	.000163	.0073221	108.3601	1.707599
#2	.0489976	-.002764	.9322850	-.002609	.0011791	109.0494	1.716339
#3	.0496470	.001878	.9274963	-.005430	.0034237	108.6060	1.698006

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0045937	.0019236	68.45005	.1785321	.0977500	.3244900	222.4743
Stddev	.0001213	.0001931	.35115	.0005724	.0003930	.0046431	.3557
%RSD	2.640564	10.03963	.5130060	.3206363	.4020090	1.430905	.1599037

#1	.0045406	.0020898	68.44190	.1781431	.0979246	.3229022	222.4242
#2	.0047325	.0017117	68.80520	.1791895	.0973000	.3297188	222.8524
#3	.0045080	.0019692	68.10304	.1782639	.0980254	.3208491	222.1463

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.921576	67.56439	.2148465	-.015693	1.348536	.4474761	1.967293
Stddev	.021743	.08405	.0000573	.000218	.140655	.0029989	.042232
%RSD	.5544480	.1244014	.0266482	1.390903	10.43020	.6701736	2.146719

#1	3.899638	67.57702	.2149126	-.015564	1.315781	.4440336	1.942794
#2	3.943119	67.64141	.2148124	-.015569	1.502678	.4488730	1.943026
#3	3.921971	67.47474	.2148145	-.015945	1.227148	.4495217	2.016058

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.47172	6.913918	.0571145	.0005151	2.469690	5.535787	.0074211
Stddev	.15141	.017774	.0048384	.0001800	.022426	.054178	.0011180
%RSD	1.046265	.2570761	8.471374	34.93853	.9080293	.9786913	15.06507

#1	14.47357	6.905154	.0520814	.0003241	2.495005	5.566702	.0061359
#2	14.62219	6.934372	.0575310	.0006815	2.461751	5.567431	.0081692
#3	14.31938	6.902228	.0617312	.0005396	2.452314	5.473229	.0079582

Sample Name: K5126-12 Acquired: 10/09/2019 13:23:28 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLM83D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.656034	.2139939	.6154929
Stddev	.015216	.0016389	.0013050
%RSD	.3267943	.7658662	.2120238

#1	4.638863	.2146514	.6145016
#2	4.667843	.2152019	.6169714
#3	4.661394	.2121283	.6150056

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1837.158	3404.282	43495.82	11033.62	3178.179
Stddev	15.196	3.998	158.09	78.66	7.918
%RSD	.8271218	.1174392	.3634652	.7129349	.2491229

#1	1837.732	3404.403	43519.59	10983.70	3172.393
#2	1852.059	3400.225	43640.68	10992.87	3174.942
#3	1821.684	3408.218	43327.19	11124.30	3187.202

Sample Name: K5126-13 Acquired: 10/09/2019 13:27:25 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLM83S Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1332493	.1117198	1.059453	.0989932	.1012327	114.7990	6.629293
Stddev	.0026342	.0003466	.002897	.0079683	.0008004	.4036	.049947
%RSD	1.976879	.3102099	.2734782	8.049321	.7906492	.3515316	.7534283

#1	.1312328	.1120941	1.056976	.0939707	.1017602	114.3354	6.587906
#2	.1322855	.1116553	1.058745	.0948281	.1003117	115.0717	6.684772
#3	.1362297	.1114100	1.062639	.1081809	.1016262	114.9898	6.615200

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1117322	.1165241	71.36876	.6306550	1.271753	.7604641	213.5904
Stddev	.0004450	.0003254	.40305	.0012024	.002247	.0038969	.4240
%RSD	.3982783	.2792684	.5647402	.1906557	.1767196	.5124382	.1985319

#1	.1120272	.1162647	71.06467	.6294574	1.270293	.7562088	213.1007
#2	.1119491	.1164183	71.82592	.6318621	1.270626	.7613249	213.8326
#3	.1112204	.1168892	71.21569	.6306456	1.274341	.7638587	213.8377

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.928597	65.10763	1.389724	.0992916	1.585260	1.567116	3.099967
Stddev	.019543	.13363	.001551	.0004210	.121716	.003238	.012335
%RSD	.3965204	.2052517	.1115709	.4240117	7.677953	.2066435	.3979155

#1	4.906716	65.07273	1.388481	.0989766	1.446220	1.564058	3.087448
#2	4.944316	65.25525	1.389231	.0997698	1.637014	1.566781	3.100344
#3	4.934760	64.99491	1.391462	.0991284	1.672546	1.570509	3.112110

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.52477	7.157522	.0851279	.0008104	2.399484	8.527411	.0093542
Stddev	.07475	.028969	.0052077	.0004749	.013461	.050328	.0020998
%RSD	.4815004	.4047383	6.117545	58.59583	.5610009	.5901928	22.44806

#1	15.46233	7.131515	.0822964	.0005281	2.389832	8.550280	.0072663
#2	15.50438	7.152306	.0819493	.0005445	2.393759	8.562244	.0093303
#3	15.60760	7.188745	.0911379	.0013586	2.414861	8.469709	.0114658

Sample Name: K5126-13 Acquired: 10/09/2019 13:27:25 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLM83S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.083061	.2228893	.6752699
Stddev	.024472	.0010284	.0008897
%RSD	.5993628	.4613954	.1317546

#1	4.054978	.2217031	.6745402
#2	4.094386	.2235320	.6750084
#3	4.099820	.2234326	.6762610

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1843.531	3400.120	43724.73	11063.51	3176.017
Stddev	2.739	2.345	23.06	41.84	5.841
%RSD	.1485942	.0689685	.0527458	.3781872	.1838944

#1	1846.457	3397.710	43724.05	11046.73	3173.338
#2	1841.028	3402.394	43702.02	11032.66	3182.716
#3	1843.109	3400.256	43748.13	11111.13	3171.996

Sample Name: K5126-11LX5 Acquired: 10/09/2019 13:31:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLM83L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0163688	-.002516	.1818435	-.000500	.0005717	22.22055	.3531389
Stddev	.0022841	.001563	.0004305	.002757	.0010725	.06977	.0003939
%RSD	13.95378	62.14340	.2367442	551.0144	187.5923	.3140093	.1115311

#1	.0168828	-.003013	.1823326	-.000303	.0002829	22.16221	.3526961
#2	.0183521	-.000764	.1815221	-.003351	.0017591	22.20160	.3532704
#3	.0138716	-.003771	.1816758	.002152	-.000327	22.29784	.3534503

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010358	.0002477	14.39148	.0377170	.0186880	.0714680	46.93200
Stddev	.0000579	.0000734	.01597	.0002618	.0001170	.0021946	.03584
%RSD	5.586183	29.65576	.1109899	.6941664	.6259471	3.070814	.0763685

#1	.0009991	.0003282	14.37691	.0374348	.0186271	.0718567	46.91751
#2	.0010058	.0002304	14.38896	.0377642	.0188229	.0691049	46.90567
#3	.0011025	.0001844	14.40856	.0379520	.0186141	.0734423	46.97282

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8316662	14.08432	.0416840	-.003581	.0969341	.0938480	.4057373
Stddev	.0012767	.01198	.0003749	.000320	.1935771	.0013799	.0054045
%RSD	.1535143	.0850928	.8992805	8.936509	199.6997	1.470325	1.332029

#1	.8313387	14.09811	.0416643	-.003792	.0634070	.0925458	.3997515
#2	.8305852	14.07851	.0413194	-.003738	.3050849	.0952942	.4072018
#3	.8330748	14.07636	.0420683	-.003213	-.077689	.0937040	.4102587

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.797858	1.327313	.0087426	-.000381	.4633868	1.171129	.0013343
Stddev	.055424	.007805	.0010159	.000096	.0028966	.010698	.0009156
%RSD	1.980952	.5880475	11.61970	25.21076	.6250866	.9134727	68.62327

#1	2.770882	1.333538	.0091211	-.000488	.4609238	1.180013	.0003242
#2	2.761087	1.318556	.0075919	-.000302	.4626585	1.159254	.0015688
#3	2.861607	1.329844	.0095150	-.000354	.4665780	1.174122	.0021099

Sample Name: K5126-11LX5 Acquired: 10/09/2019 13:31:14 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLM83L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9624871	.0424515	.1267025
Stddev	.0039593	.0010960	.0002267
%RSD	.4113615	2.581856	.1789520

#1	.9603407	.0412513	.1264879
#2	.9600644	.0427036	.1269397
#3	.9670561	.0433995	.1266799

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1750.316	3260.211	40976.73	10216.66	3285.030
Stddev	2.191	5.525	110.61	36.42	5.460
%RSD	.1251604	.1694769	.2699315	.3564834	.1662231

#1	1751.026	3257.463	40973.08	10181.61	3284.502
#2	1747.858	3266.571	40867.99	10254.31	3290.736
#3	1752.063	3256.598	41089.12	10214.08	3279.853

Sample Name: CCV098 Acquired: 10/09/2019 13:35:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV098 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.056787	5.032549	25.40151	4.986895	5.029007	403.5692	10.72428
Stddev	.008523	.011381	.04109	.017641	.000880	6.2485	.06092
%RSD	.1685439	.2261527	.1617552	.3537469	.0174997	1.548322	.5680276

#1	5.062839	5.025646	25.43826	4.968833	5.029912	400.8396	10.79428
#2	5.047040	5.045685	25.35715	4.987769	5.028954	399.1498	10.68328
#3	5.060482	5.026315	25.40913	5.004082	5.028154	410.7181	10.69529

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5204258	2.522065	420.4022	15.66252	2.570893	15.37967	409.7942
Stddev	.0012552	.001134	1.9074	.01868	.002227	.01983	2.3069
%RSD	.2411911	.0449785	.4537068	.1192571	.0866288	.1289169	.5629342

#1	.5207017	2.523366	422.4233	15.66667	2.572846	15.39152	411.9430
#2	.5190556	2.521544	418.6336	15.64212	2.571364	15.35679	407.3565
#3	.5215201	2.521285	420.1498	15.67878	2.568468	15.39072	410.0831

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.64684	409.9708	2.570747	1.316037	403.6742	2.582235	15.10599
Stddev	.08700	2.2185	.002266	.005983	1.2872	.009314	.05448
%RSD	.5560189	.5411422	.0881343	.4546104	.3188709	.3607001	.3606568

#1	15.72465	411.9367	2.568633	1.322850	405.0884	2.582528	15.16726
#2	15.55291	407.5654	2.570471	1.311642	403.3633	2.572778	15.06300
#3	15.66295	410.4102	2.573139	1.313619	402.5710	2.591400	15.08770

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	156.3019	5.254553	5.168517	5.003921	5.250559	5.165829	5.132159
Stddev	.2522	.018273	.013545	.006742	.004896	.022746	.009443
%RSD	.1613507	.3477559	.2620665	.1347394	.0932391	.4403241	.1840048

#1	156.3548	5.233464	5.167102	4.997189	5.256138	5.164692	5.131952
#2	156.5234	5.264517	5.155735	5.003899	5.246979	5.143673	5.122821
#3	156.0274	5.265678	5.182714	5.010674	5.248560	5.189123	5.141704

Sample Name: CCV098 Acquired: 10/09/2019 13:35:17 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV098 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.178854	5.401401	5.149460
Stddev	.014313	.034439	.061142
%RSD	.2763793	.6375886	1.187340

#1	5.186359	5.440653	5.079849
#2	5.162349	5.376253	5.194465
#3	5.187855	5.387298	5.174065

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1469.373	2777.726	36700.42	9611.146	2645.798
Stddev	6.674	6.739	129.46	25.497	5.725
%RSD	.4541984	.2426155	.3527468	.2652876	.2163866

#1	1465.095	2779.595	36586.35	9594.475	2642.557
#2	1465.960	2783.333	36673.80	9598.465	2652.408
#3	1477.063	2770.249	36841.13	9640.497	2642.428

Sample Name: CCB098 Acquired: 10/09/2019 13:39:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB098 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003707	.0011979	.0033856	.0011790	-.000478	.0045120	.0007658
Stddev	.0022504	.0012958	.0014134	.0048362	.002695	.0123835	.0001755
%RSD	606.9990	108.1724	41.74754	410.2031	564.1793	274.4580	22.91045

#1	.0027348	.0019880	.0036213	.0061736	-.000963	.0136624	.0006380
#2	-.001746	-.000298	.0018692	-.003482	-.002897	.0094527	.0009658
#3	.000123	.001903	.0046664	.000845	.002428	-.009579	.0006936

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000196	-.000007	.0093748	.0005366	.0004791	.0055388	.0244129
Stddev	.0000594	.000025	.0058582	.0005231	.0001495	.0017967	.0100841
%RSD	302.3671	352.7373	62.48869	97.49105	31.20669	32.43803	41.30660

#1	.0000037	-.000029	.0158262	.0008921	.0003933	.0060107	.0350774
#2	.0000853	.000020	.0079104	-.000064	.0006518	.0035533	.0231291
#3	-.000030	-.000012	.0043877	.000782	.0003924	.0070525	.0150321

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006833	.0031284	.0003151	-.000055	-.222071	-.003102	.0011810
Stddev	.0004886	.0126175	.0001872	.000236	.166171	.001341	.0010820
%RSD	71.50222	403.3251	59.41550	430.1133	74.82793	43.23316	91.61507

#1	.0001278	.0141054	.0000992	-.000327	-.399586	-.004199	.0005069
#2	.0010462	.0059362	.0004131	.000089	-.070234	-.003499	.0024291
#3	.0008758	-.010657	.0004331	.000073	-.196392	-.001607	.0006071

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.064044	-.000302	.0072213	.0000515	-.007354	.0013004	.0005101
Stddev	.103127	.002931	.0005177	.0000809	.001592	.0007169	.0010897
%RSD	161.0260	971.4021	7.169518	157.0863	21.64871	55.12859	213.6330

#1	-.138245	-.002525	.0074167	-.000004	-.007233	.0021140	.0013590
#2	.053715	.003019	.0076129	.000144	-.005826	.0007617	-.000719
#3	-.107601	-.001399	.0066343	.000014	-.009004	.0010254	.000890

Sample Name: CCB098 Acquired: 10/09/2019 13:39:22 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB098 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0021605	.0040576	.0002796
Stddev	.0005833	.0011455	.0000192
%RSD	26.99759	28.23121	6.858949

#1	.0027895	.0052330	.0003002
#2	.0020546	.0039954	.0002764
#3	.0016374	.0029445	.0002623

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1741.753	3223.860	40831.28	10087.26	3313.891
Stddev	5.048	6.351	131.84	36.34	5.151
%RSD	.2898511	.1970075	.3229005	.3602662	.1554406

#1	1747.452	3216.860	40980.95	10062.71	3308.006
#2	1737.844	3225.466	40732.29	10070.06	3316.089
#3	1739.962	3229.255	40780.61	10129.01	3317.579

Sample Name: K5161-14 Acquired: 10/09/2019 13:43:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GG8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3135175	.0175708	3.084301	.0078674	.0033871	19.12564
Stddev	.0031709	.0020665	.006457	.0027208	.0012801	.05268
%RSD	1.011396	11.76100	.2093560	34.58286	37.79403	.2754241

#1	.3112389	.0198382	3.090461	.0069821	.0048554	19.07316
#2	.3171389	.0157931	3.084860	.0056995	.0025055	19.17851
#3	.3121748	.0170812	3.077583	.0109205	.0028004	19.12525

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5785232	.0008083	.0098420	18.18990	.0206161	.0189861
Stddev	.0010837	.0001001	.0000514	.04600	.0003642	.0001807
%RSD	.1873202	12.39035	.5218991	.2528762	1.766630	.9517461

#1	.5797301	.0007410	.0098622	18.24031	.0206404	.0189737
#2	.5782063	.0007605	.0097836	18.17917	.0209676	.0191726
#3	.5776333	.0009234	.0098801	18.15021	.0202404	.0188119

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3197078	60.01061	F 48.21531	9.463090	.0247346	.0724591
Stddev	.0024060	.23796	.66216	.040324	.0003866	.0004288
%RSD	.7525511	.3965366	1.373335	.4261150	1.563090	.5918012

#1	.3182490	60.21601	48.52513	9.491911	.0251703	.0722846
#2	.3183898	60.06598	48.66576	9.480349	.0246014	.0721450
#3	.3224848	59.74984	47.45504	9.417009	.0244322	.0729477

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1882214	.1560506	2.289819	9.259827	2.105541	.0030603
Stddev	.1291320	.0009708	.026375	.055104	.010852	.0020528
%RSD	68.60645	.6221093	1.151832	.5950841	.5154187	67.07741

#1	.0562905	.1552565	2.289512	9.201299	2.113539	.0029015
#2	.1940141	.1557623	2.316346	9.267475	2.109897	.0051878
#3	.3143595	.1571329	2.263599	9.310708	2.093188	.0010915

Sample Name: K5161-14 Acquired: 10/09/2019 13:43:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GG8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0940520	12.89532	1.579916	.0060589	.7841380	.0222448
Stddev	.0003334	.04492	.012306	.0003811	.0035629	.0014655
%RSD	.3544330	.3483756	.7789152	6.289210	.4543725	6.588005

#1	.0941527	12.93929	1.592507	.0061514	.7806145	.0218151
#2	.0936799	12.89716	1.579324	.0063853	.7877390	.0210422
#3	.0943234	12.84950	1.567916	.0056401	.7840605	.0238771

Elem	Sr4077
Units	ppm
Avg	.6360755
Stddev	.0004498
%RSD	.0707085

#1	.6359811
#2	.6365649
#3	.6356804

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1946.486	3611.473	45676.31	11418.76	3292.641
Stddev	17.704	6.157	193.39	28.68	6.062
%RSD	.9095119	.1704824	.4233900	.2511337	.1841083

#1	1935.755	3606.808	45537.53	11388.19	3289.915
#2	1936.784	3609.159	45594.20	11423.04	3288.420
#3	1966.920	3618.451	45897.21	11445.06	3299.587

Sample Name: K5161-15 Acquired: 10/09/2019 13:47:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GG8D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3116806	.0187998	3.070393	.0101558	.0044906	19.15074
Stddev	.0039583	.0044858	.011957	.0014773	.0008168	.10863
%RSD	1.269978	23.86098	.3894363	14.54601	18.18933	.5672555

#1	.3123446	.0192174	3.077369	.0102025	.0044158	19.05883
#2	.3074324	.0230622	3.056586	.0116091	.0053422	19.12276
#3	.3152650	.0141198	3.077224	.0086557	.0037138	19.27063

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5790114	.0007853	.0098685	18.18201	.0207531	.0191080
Stddev	.0050141	.0000062	.0000891	.14686	.0007598	.0006493
%RSD	.8659688	.7866469	.9033930	.8077068	3.661275	3.397945

#1	.5751977	.0007788	.0099092	18.06851	.0202820	.0196306
#2	.5771457	.0007859	.0099300	18.12964	.0216297	.0183812
#3	.5846908	.0007911	.0097662	18.34787	.0203477	.0193123

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3233711	59.96702	F 49.12422	9.434850	.0242115	.0721932
Stddev	.0038268	.44182	.30468	.089168	.0004118	.0006088
%RSD	1.183408	.7367722	.6202221	.9450874	1.700853	.8433245

#1	.3218257	59.77510	48.98353	9.370138	.0239188	.0715109
#2	.3205587	59.65361	48.91531	9.397850	.0246824	.0723874
#3	.3277289	60.47235	49.47382	9.536561	.0240332	.0726812

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2619778	.1574677	2.304048	9.271424	2.091300	.0010435
Stddev	.1066186	.0019525	.009561	.050763	.015040	.0002261
%RSD	40.69756	1.239954	.4149747	.5475204	.7191475	21.66402

#1	.2355443	.1572352	2.315035	9.223254	2.103321	.0009650
#2	.3793265	.1556418	2.297617	9.324433	2.074436	.0008671
#3	.1710625	.1595260	2.299492	9.266584	2.096144	.0012983

Sample Name: K5161-15 Acquired: 10/09/2019 13:47:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GG8D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0944052	12.82538	1.592478	.0051033	.7840062	.0197186
Stddev	.0002546	.05008	.010699	.0017807	.0029832	.0011487
%RSD	.2696788	.3904764	.6718405	34.89352	.3805057	5.825397
#1	.0944649	12.84879	1.580585	.0032431	.7818680	.0201047
#2	.0946247	12.76788	1.595528	.0067922	.7827363	.0184267
#3	.0941261	12.85947	1.601321	.0052746	.7874142	.0206246

Elem	Sr4077
Units	ppm
Avg	.6443503
Stddev	.0036012
%RSD	.5588904
#1	.6402561
#2	.6470272
#3	.6457676

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1939.709	3602.714	45464.95	11386.49	3284.159
Stddev	7.339	1.219	238.67	60.33	7.340
%RSD	.3783384	.0338422	.5249537	.5298438	.2234877
#1	1937.763	3602.592	45735.11	11451.65	3278.873
#2	1933.540	3603.990	45377.05	11375.28	3292.540
#3	1947.825	3601.561	45282.70	11332.56	3281.066

Sample Name: K5161-16 Acquired: 10/09/2019 13:51:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GG8S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3722292	.1285586	4.836178	.1070568	.0579800	26.77994	5.132717
Stddev	.0017132	.0034392	.008553	.0044421	.0001905	.08483	.017092
%RSD	.4602573	2.675181	.1768456	4.149255	.3286160	.3167822	.3329981

#1	.3734909	.1305481	4.826394	.1019580	.0579212	26.70342	5.114465
#2	.3702788	.1305403	4.842230	.1091228	.0581930	26.87117	5.148346
#3	.3729180	.1245874	4.839910	.1100896	.0578258	26.76522	5.135340

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1102076	.1255688	17.94613	.4947657	1.201559	.7928346	64.83011
Stddev	.0007445	.0002266	.05794	.0008603	.001051	.0025788	.18874
%RSD	.6755254	.1804875	.3228321	.1738883	.0874441	.3252608	.2911338

#1	.1103537	.1254386	17.88051	.4957084	1.200799	.7901681	64.61270
#2	.1108682	.1258305	17.96766	.4945659	1.202758	.7930201	64.92554
#3	.1094009	.1254373	17.99023	.4940229	1.201119	.7953156	64.95207

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.56477	10.50712	1.227629	.2048618	.3343341	1.266052	3.106208
Stddev	.02046	.05511	.001640	.0003548	.1215780	.007865	.004378
%RSD	.1314628	.5245476	.1336278	.1731794	36.36421	.6212114	.1409430

#1	15.54559	10.44801	1.228455	.2045978	.4716267	1.256977	3.111143
#2	15.58631	10.55710	1.228692	.2052651	.2403055	1.270292	3.102792
#3	15.56242	10.51624	1.225740	.2047225	.2910702	1.270887	3.104688

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.786435	2.013597	.0032330	.0468556	13.57840	1.771332	.0093476
Stddev	.086207	.002493	.0017097	.0000941	.01799	.022099	.0011169
%RSD	.9811327	.1237870	52.88280	.2008551	.1325137	1.247611	11.94801

#1	8.825370	2.011835	.0015101	.0467481	13.55804	1.776441	.0080674
#2	8.846307	2.016449	.0032598	.0469232	13.58501	1.790429	.0098528
#3	8.687629	2.012508	.0049291	.0468954	13.59216	1.747126	.0101226

Sample Name: K5161-16 Acquired: 10/09/2019 13:51:28 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0GG8S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8820811	.0256801	.2177905
Stddev	.0043588	.0010061	.0001050
%RSD	.4941449	3.917642	.0481981

#1	.8781833	.0259241	.2176768
#2	.8867876	.0265417	.2178108
#3	.8812726	.0245745	.2178838

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1885.428	3526.608	44472.25	11162.90	3307.601
Stddev	4.117	3.949	98.23	34.25	4.014
%RSD	.2183520	.1119716	.2208729	.3067875	.1213501

#1	1880.874	3523.339	44414.70	11142.63	3308.114
#2	1888.886	3525.488	44585.67	11143.62	3303.355
#3	1886.523	3530.995	44416.39	11202.44	3311.333

Sample Name: K5161-14LX5 Acquired: 10/09/2019 13:55:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GG8L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0731746	.0048739	.6072733	.0002682	.0006351	4.097703	.1260677
Stddev	.0031455	.0023995	.0025548	.0038956	.0013364	.007104	.0002710
%RSD	4.298677	49.23154	.4206915	1452.229	210.4323	.1733664	.2149206

#1	.0716458	.0070977	.6092804	.0002645	.0008999	4.096129	.1257595
#2	.0710857	.0051933	.6081421	.0041658	.0018192	4.105462	.1261752
#3	.0767923	.0023307	.6043975	-.003625	-.000814	4.091518	.1262683

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001751	.0018955	3.932849	.0040269	.0039058	.0735679	13.00855
Stddev	.0000664	.0001220	.013925	.0003394	.0000765	.0016255	.03286
%RSD	37.93019	6.436476	.3540751	8.427604	1.959126	2.209547	.2526000

#1	.0002112	.0020172	3.919785	.0043646	.0038275	.0723995	13.03576
#2	.0000984	.0018961	3.931262	.0040301	.0039803	.0754243	13.01784
#3	.0002156	.0017732	3.947500	.0036859	.0039096	.0728800	12.97204

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.03401	2.037610	.0044282	.0154919	-.072265	.0331898	.4952408
Stddev	.01453	.026608	.0004382	.0004177	.053935	.0012288	.0012567
%RSD	.1316408	1.305845	9.895170	2.696297	74.63420	3.702274	.2537619

#1	11.03177	2.006972	.0040377	.0157282	-.042288	.0326875	.4965654
#2	11.04952	2.050933	.0043448	.0157379	-.134529	.0322917	.4950917
#3	11.02073	2.054926	.0049021	.0150096	-.039979	.0345901	.4940653

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.846806	.4143527	-.003311	.0204414	2.521680	.3508701	-.000066
Stddev	.057570	.0030391	.000511	.0000783	.018879	.0036995	.000702
%RSD	3.117257	.7334532	15.43538	.3830197	.7486741	1.054391	1061.328

#1	1.837825	.4160498	-.002759	.0203552	2.515729	.3547656	-.000836
#2	1.794255	.4161642	-.003767	.0204608	2.542817	.3474040	.000100
#3	1.908339	.4108441	-.003407	.0205082	2.506493	.3504407	.000538

Sample Name: K5161-14LX5 Acquired: 10/09/2019 13:55:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GG8L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1691624	.0044514	.1422990
Stddev	.0005277	.0026145	.0010495
%RSD	.3119555	58.73490	.7375192

#1	.1696985	.0050154	.1411590
#2	.1686435	.0016009	.1425132
#3	.1691452	.0067379	.1432249

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1778.173	3297.376	41689.68	10266.59	3300.211
Stddev	11.893	8.901	262.15	51.79	11.828
%RSD	.6688185	.2699387	.6288181	.5044798	.3584107

#1	1768.703	3294.387	41444.14	10298.50	3297.642
#2	1774.296	3290.355	41659.12	10206.84	3289.879
#3	1791.521	3307.387	41965.77	10294.45	3313.113

Sample Name: PB123790BL Acquired: 10/09/2019 13:59:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBW790 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025884	.0018248	.0009023	-.002328	-.001280	-.006292	.0001405
Stddev	.0021370	.0032327	.0007771	.002657	.002399	.008890	.0000556
%RSD	82.56253	177.1539	86.12480	114.1057	187.3792	141.2856	39.60877

#1	.0047913	.0049364	.0014670	-.003977	.000236	-.006253	.0001751
#2	.0024497	.0020546	.0000160	-.003744	-.000031	.002578	.0001701
#3	.0005240	-.001517	.0012239	.000736	-.004046	-.015202	.0000763

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000245	-.000019	.0029603	-.000012	-.000021	.0034880	.0077556
Stddev	.0000519	.000041	.0060418	.000475	.000033	.0023692	.0005549
%RSD	211.9366	216.1185	204.0930	3896.874	155.6610	67.92308	7.154897

#1	.0000829	-.000061	.0089490	-.000343	-.000030	.0008859	.0071583
#2	-.000016	.000020	.0030652	.000532	.000015	.0040578	.0082552
#3	.000007	-.000015	-.003133	-.000225	-.000048	.0055203	.0078532

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002517	-.018805	.0003369	-.000485	-.372542	-.002207	-.001373
Stddev	.0001219	.020227	.0002760	.000424	.211749	.002503	.000664
%RSD	48.42368	107.5616	81.91716	87.47923	56.83916	113.4106	48.35037

#1	.0001229	.004107	.0006030	-.000921	-.215147	-.003409	-.001042
#2	.0002672	-.026335	.0003557	-.000459	-.289196	.000670	-.000939
#3	.0003652	-.034187	.0000520	-.000074	-.613282	-.003882	-.002137

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.197182	.0028553	-.004138	-.000419	-.009109	.0008098	-.001079
Stddev	.014743	.0018049	.000412	.000195	.002578	.0015570	.001223
%RSD	7.476924	63.21156	9.963570	46.56900	28.30550	192.2728	113.3181

#1	-.192049	.0024788	-.003662	-.000201	-.006638	.0016030	-.002103
#2	-.213806	.0012683	-.004395	-.000476	-.008908	-.000984	-.001408
#3	-.185692	.0048186	-.004356	-.000579	-.011783	.001810	.000275

Sample Name: PB123790BL Acquired: 10/09/2019 13:59:26 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBW790 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0008434	-.000993	-.000020
Stddev	.0014070	.000153	.000062
%RSD	166.8260	15.38822	310.4936

#1	.0010572	-.000914	.000036
#2	.0021313	-.000895	-.000010
#3	-.000658	-.001169	-.000086

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1751.516	3213.683	40941.99	10116.42	3306.775
Stddev	19.211	22.893	271.59	41.19	13.479
%RSD	1.096832	.7123723	.6633491	.4071952	.4076105

#1	1730.688	3219.036	40744.21	10153.29	3308.248
#2	1755.319	3188.587	40830.11	10071.96	3292.620
#3	1768.541	3233.425	41251.64	10124.03	3319.456

Sample Name: PB123790BS Acquired: 10/09/2019 14:03:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS790 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0234928	.0518902	.0212694	.0742614	.1237350	.4045188
Stddev	.0032495	.0008450	.0008011	.0031270	.0015189	.0031504
%RSD	13.83207	1.628491	3.766483	4.210776	1.227522	.7787906

#1	.0258293	.0523824	.0205903	.0717835	.1227643	.4054672
#2	.0197819	.0523737	.0221529	.0777748	.1254853	.4070861
#3	.0248671	.0509145	.0210652	.0732259	.1229553	.4010032

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4231561	.0102830	.0098890	10.77093	.0221199	.0973040
Stddev	.0037531	.0000628	.0001049	.09985	.0002597	.0004121
%RSD	.8869368	.6103317	1.060862	.9270645	1.174107	.4234663

#1	.4222547	.0102491	.0098885	10.72705	.0219163	.0969175
#2	.4272779	.0103554	.0097844	10.88521	.0220309	.0972569
#3	.4199358	.0102445	.0099942	10.70052	.0224124	.0977376

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0520124	.2256033	.0342170	10.24724	.0825329	.0215893
Stddev	.0028573	.0045473	.0002313	.10818	.0005575	.0005638
%RSD	5.493532	2.015610	.6758248	1.055683	.6754685	2.611457

#1	.0546771	.2243141	.0339629	10.18691	.0821297	.0219520
#2	.0523648	.2306559	.0344151	10.37213	.0823000	.0209398
#3	.0489952	.2218397	.0342728	10.18267	.0831691	.0218763

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.738389	.1041061	.1140343	9.290283	.0246700	F .0162439
Stddev	.199038	.0014674	.0039848	.073887	.0012503	.0004054
%RSD	2.043854	1.409566	3.494419	.7953111	5.068300	2.495541

#1	9.895637	.1057807	.1124137	9.287775	.0235749	.0167044
#2	9.804923	.1030445	.1185742	9.217682	.0260324	.0159409
#3	9.514606	.1034932	.1111152	9.365392	.0244029	.0160863

Sample Name: PB123790BS Acquired: 10/09/2019 14:03:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS790 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0197997	.1710088	.2072180	.0106093	.1979858	F .0917561
Stddev	.0002015	.0020099	.0014765	.0014280	.0030317	.0022827
%RSD	1.017698	1.175342	.7125444	13.46027	1.531265	2.487823

#1	.0195768	.1733265	.2055447	.0115722	.1948401	.0898436
#2	.0198534	.1697447	.2083376	.0112872	.2008889	.0942832
#3	.0199689	.1699552	.2077719	.0089686	.1982285	.0911414

Elem	Sr4077
Units	ppm
Avg	.1955986
Stddev	.0002961
%RSD	.1513936

#1	.1956989
#2	.1952653
#3	.1958315

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1728.816	3218.146	40490.58	10074.57	3318.407
Stddev	5.437	5.066	92.56	61.76	4.338
%RSD	.3145043	.1574175	.2285924	.6129903	.1307244

#1	1722.869	3212.298	40597.44	10078.71	3316.754
#2	1730.044	3221.214	40435.63	10010.84	3315.139
#3	1733.534	3220.924	40438.66	10134.15	3323.329

Sample Name: PB123790TB Acquired: 10/09/2019 14:07:42 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: LEB790 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054060	-.002637	.0001159	-.002552	-.000598	-.011564	.0002599
Stddev	.0045405	.001837	.0007847	.002384	.000986	.004752	.0007152
%RSD	83.98944	69.68765	677.0292	93.43266	164.9220	41.09265	275.2026

#1	.0083595	-.004754	-.000763	-.001321	-.000958	-.006661	.0009988
#2	.0001778	-.001694	.000747	-.001035	-.001354	-.011884	-.000429
#3	.0076808	-.001461	.000364	-.005300	.000518	-.016149	.000210

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000689	.0000261	-.001411	.0001119	.0002319	.0048483	.0089357
Stddev	.0000330	.0000062	.006132	.0003464	.0001268	.0023834	.0030076
%RSD	47.94326	23.57987	434.6977	309.5142	54.67482	49.15974	33.65846

#1	.0000935	.0000263	.005661	.0002876	.0001514	.0036401	.0120177
#2	.0000818	.0000199	-.005265	-.000287	.0001663	.0075939	.0087810
#3	.0000314	.0000322	-.004628	.000335	.0003781	.0033110	.0060084

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001483	-.015818	.0002482	-.000715	-.230488	-.000876	-.000355
Stddev	.0004770	.011576	.0001645	.000658	.174523	.001102	.001574
%RSD	321.5515	73.18196	66.25170	92.09605	75.71903	125.7927	442.9484

#1	.0004533	-.004212	.0001652	-.000060	-.390581	.000253	.001021
#2	.0003930	-.027363	.0004376	-.000707	-.044441	-.001948	-.002072
#3	-.000401	-.015877	.0001418	-.001376	-.256441	-.000933	-.000015

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.223608	.0025352	-.006010	-.000338	-.006917	-.000847	-.002552
Stddev	.073624	.0033286	.000671	.000158	.002754	.000392	.000890
%RSD	32.92541	131.2965	11.15808	46.81220	39.80712	46.32785	34.88833

#1	-.182951	.0030413	-.006543	-.000489	-.005217	-.000833	-.003421
#2	-.179278	-.001018	-.006231	-.000173	-.005441	-.001245	-.002592
#3	-.308596	.005582	-.005257	-.000352	-.010094	-.000461	-.001642

Sample Name: PB123790TB Acquired: 10/09/2019 14:07:42 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: LEB790 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0018418	-.003255	.0000641
Stddev	.0006269	.001273	.0000409
%RSD	34.03829	39.11913	63.85633

#1	.0015275	-.003381	.0000423
#2	.0014343	-.004461	.0000387
#3	.0025637	-.001924	.0001113

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1740.801	3215.128	40639.28	10068.41	3306.706
Stddev	5.964	8.285	61.14	50.85	11.385
%RSD	.3425732	.2576855	.1504535	.5050443	.3442880

#1	1734.103	3205.795	40622.45	10024.20	3295.350
#2	1742.766	3217.975	40588.32	10057.07	3306.648
#3	1745.534	3221.615	40707.08	10123.98	3318.119

Sample Name: K5221-15 Acquired: 10/09/2019 14:11:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH1A15 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0070037	.0018130	.1273272	-.000261	-.001856	1.214161	.2923253
Stddev	.0032320	.0020805	.0024186	.001199	.002175	.017691	.0020844
%RSD	46.14623	114.7558	1.899531	458.8921	117.2118	1.457088	.7130271

#1	.0088252	.0000255	.1251528	.000465	-.003361	1.195804	.2900294
#2	.0032721	.0040968	.1268965	-.001645	-.002845	1.215579	.2940987
#3	.0089139	.0013167	.1299322	.000396	.000638	1.231101	.2928480

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001518	-.000027	.5781225	.0009592	.0002255	.0205992	2.669719
Stddev	.0000252	.000071	.0043515	.0002352	.0000861	.0037874	.017425
%RSD	16.60681	260.2336	.7526926	24.51951	38.17164	18.38606	.6526742

#1	.0001758	.000031	.5735018	.0011385	.0002053	.0162404	2.656939
#2	.0001540	-.000006	.5787236	.0006929	.0003199	.0224701	2.689567
#3	.0001255	-.000107	.5821423	.0010461	.0001513	.0230870	2.662651

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0035138	.2132847	.0003557	-.000634	1.150527	.0018243	.1735086
Stddev	.0000386	.0015627	.0003951	.000404	.202113	.0017429	.0008117
%RSD	1.097193	.7326888	111.0873	63.71445	17.56697	95.53375	.4678409

#1	.0035525	.2121766	.0006435	-.000832	1.041069	.0031962	.1725713
#2	.0035133	.2150721	-.000095	-.000169	1.383761	-.000137	.1739853
#3	.0034755	.2126054	.000518	-.000901	1.026753	.002414	.1739691

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5617920	.0511237	.1308387	.0000292	3.674205	2.100235	-.001784
Stddev	.0310068	.0046833	.0015364	.0000844	.011818	.014477	.002272
%RSD	5.519267	9.160682	1.174296	288.6113	.3216458	.6893195	127.3460

#1	.5688555	.0504694	.1294193	.0000013	3.686132	2.101146	-.003405
#2	.5886576	.0468020	.1324702	-.000038	3.662499	2.085323	.000813
#3	.5278628	.0560997	.1306266	.000124	3.673984	2.114235	-.002761

Sample Name: K5221-15 Acquired: 10/09/2019 14:11:49 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH1A15 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0162609	-.015177	.0174001
Stddev	.0027318	.000720	.0014377
%RSD	16.79974	4.744721	8.262789

#1	.0188236	-.014400	.0189312
#2	.0165726	-.015821	.0171902
#3	.0133867	-.015311	.0160788

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1823.137	3371.383	42485.76	10393.20	3487.393
Stddev	5.660	1.701	199.83	80.59	2.024
%RSD	.3104467	.0504409	.4703517	.7754165	.0580467

#1	1821.604	3371.789	42371.37	10480.71	3485.329
#2	1818.403	3369.516	42369.40	10322.03	3487.475
#3	1829.406	3372.844	42716.50	10376.88	3489.375

Sample Name: K5221-16 Acquired: 10/09/2019 14:15:55 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH1A15D Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062021	.0021410	.1276875	-.002121	-.001965	1.223666	.2902651
Stddev	.0033910	.0001431	.0020723	.002082	.000593	.016496	.0018482
%RSD	54.67479	6.684891	1.622946	98.18058	30.17398	1.348076	.6367419

#1	.0067904	.0020246	.1300035	-.003553	-.002193	1.210756	.2886340
#2	.0092604	.0023008	.1260085	-.003077	-.001292	1.242250	.2898887
#3	.0025554	.0020977	.1270504	.000268	-.002410	1.217993	.2922725

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001545	-.000023	.5864698	.0009096	.0003103	.0194031	2.642956
Stddev	.0000870	.000061	.0039750	.0004106	.0000736	.0018566	.009323
%RSD	56.29535	261.8590	.6777892	45.14636	23.73041	9.568378	.3527512

#1	.0001907	.000006	.5855116	.0004469	.0003906	.0186833	2.636903
#2	.0002176	.000018	.5830614	.0010512	.0002460	.0215118	2.638274
#3	.0000553	-.000094	.5908363	.0012307	.0002943	.0180142	2.653693

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0035552	.2215681	.0003117	-.000265	1.221831	.0022278	.1706334
Stddev	.0001495	.0136432	.0004335	.000284	.286588	.0030877	.0013790
%RSD	4.204008	6.157578	139.0666	107.0751	23.45563	138.5983	.8081825

#1	.0033887	.2101013	.0004848	.000056	.892238	.0035300	.1722245
#2	.0036778	.2366568	.0006319	-.000482	1.360961	-.001298	.1698943
#3	.0035990	.2179461	-.000182	-.000370	1.412295	.004451	.1697815

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5358868	.0485593	.1304422	.0001503	3.666177	2.155118	-.002212
Stddev	.0966439	.0005428	.0008625	.0003492	.006932	.026824	.000774
%RSD	18.03438	1.117897	.6611814	232.2875	.1890800	1.244654	34.98351

#1	.4786967	.0482773	.1299438	.0004136	3.674074	2.179032	-.003105
#2	.4814940	.0491851	.1314380	-.000246	3.663360	2.126114	-.001789
#3	.6474699	.0482154	.1299446	.000283	3.661097	2.160208	-.001742

Sample Name: K5221-16 Acquired: 10/09/2019 14:15:55 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH1A15D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0163240	-.013733	.0174700
Stddev	.0023935	.001203	.0008029
%RSD	14.66216	8.756879	4.595600

#1	.0146952	-.014954	.0181151
#2	.0152049	-.013696	.0165708
#3	.0190720	-.012550	.0177239

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1826.232	3350.580	42216.71	10376.59	3471.633
Stddev	7.802	6.555	107.50	48.11	8.935
%RSD	.4272118	.1956396	.2546442	.4636030	.2573624

#1	1825.931	3348.882	42253.78	10399.09	3467.276
#2	1818.585	3345.042	42095.57	10409.32	3465.713
#3	1834.180	3357.818	42300.76	10321.35	3481.910

Sample Name: K5221-17 Acquired: 10/09/2019 14:19:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH1A15S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0392804	.0555792	.1454086	.0133447	.0952446	3.098221	2.508263
Stddev	.0018254	.0018949	.0018057	.0048651	.0002269	.028504	.013064
%RSD	4.647092	3.409342	1.241831	36.45716	.2382339	.9200084	.5208264

#1	.0378104	.0573011	.1433805	.0116379	.0952021	3.067964	2.493286
#2	.0387072	.0535491	.1468421	.0095630	.0950420	3.124568	2.517311
#3	.0413236	.0558874	.1460031	.0188332	.0954898	3.102129	2.514191

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0537243	.0514796	.5600465	.2249382	.5173052	.2470403	3.583452
Stddev	.0005643	.0002129	.0054452	.0011566	.0012868	.0020494	.025275
%RSD	1.050376	.4135017	.9722666	.5141693	.2487569	.8295901	.7053193

#1	.0533736	.0516504	.5537599	.2246752	.5174131	.2452543	3.556569
#2	.0543752	.0515473	.5632795	.2239357	.5185346	.2492778	3.587054
#3	.0534239	.0512411	.5631002	.2262036	.5159678	.2465886	3.606732

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5590693	.1934423	.5314422	.0538019	1.219285	.5427629	.6516785
Stddev	.0046365	.0108141	.0010665	.0005233	.355795	.0024223	.0046839
%RSD	.8293312	5.590360	.2006856	.9725793	29.18061	.4462923	.7187446

#1	.5537473	.2045285	.5320091	.0534426	1.546028	.5401522	.6489663
#2	.5622350	.1928761	.5321056	.0535608	.840230	.5449375	.6489823
#3	.5612255	.1829225	.5302120	.0544022	1.271597	.5431991	.6570870

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5147387	.0526783	.1261807	.0001543	3.595314	2.019464	-.001387
Stddev	.0234755	.0029137	.0015489	.0003014	.009907	.023676	.000225
%RSD	4.560661	5.531194	1.227543	195.4213	.2755498	1.172386	16.25046

#1	.5408499	.0559760	.1269575	-.000071	3.605005	2.036046	-.001581
#2	.5079880	.0504517	.1271874	.000037	3.595733	2.029996	-.001140
#3	.4953781	.0516073	.1243971	.000497	3.585205	1.992349	-.001441

Sample Name: K5221-17 Acquired: 10/09/2019 14:19:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH1A15S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0138458	-.015340	.0158412
Stddev	.0009941	.001560	.0003308
%RSD	7.179690	10.17007	2.088532

#1	.0135001	-.015520	.0155489
#2	.0149665	-.013699	.0157744
#3	.0130707	-.016803	.0162004

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1801.334	3346.207	41949.45	10348.37	3462.832
Stddev	14.988	11.044	335.23	34.32	9.546
%RSD	.8320555	.3300319	.7991354	.3316135	.2756654

#1	1790.124	3333.547	41739.47	10353.92	3452.753
#2	1818.358	3351.207	42336.06	10311.62	3464.007
#3	1795.521	3353.866	41772.80	10379.57	3471.736

Sample Name: K5221-15LX5 Acquired: 10/09/2019 14:23:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH1A15L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0027467	-.001436	.0261320	-.004237	-.000122	.2462317	.0598785
Stddev	.0010148	.003628	.0005018	.002462	.001600	.0098602	.0008840
%RSD	36.94553	252.5755	1.920220	58.11218	1313.261	4.004428	1.476256

#1	.0022122	-.004331	.0266878	-.006187	-.000806	.2356472	.0590256
#2	.0039169	.002634	.0259961	-.001470	-.001267	.2551571	.0607905
#3	.0021108	-.002613	.0257122	-.005053	.001707	.2478909	.0598193

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000595	-.000017	.1127082	.0000887	.0002813	.0068037	.5404372
Stddev	.0000431	.000050	.0054186	.0004134	.0000812	.0019531	.0060442
%RSD	72.49589	295.7745	4.807669	466.1790	28.85478	28.70628	1.118390

#1	.0000171	-.000060	.1148216	.0005641	.0002377	.0084461	.5470561
#2	.0001032	-.000030	.1167518	-.000186	.0002313	.0046441	.5352108
#3	.0000580	.000039	.1065514	-.000112	.0003750	.0073209	.5390446

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004809	.0220912	.0000194	.0000420	-.094929	.0004484	.0338653
Stddev	.0000878	.0188914	.0002515	.0004951	.171126	.0008643	.0009509
%RSD	18.24695	85.51564	1299.124	1179.735	180.2677	192.7452	2.807896

#1	.0004924	.0377050	-.000167	-.000486	-.262420	-.000392	.0343902
#2	.0003880	.0274768	.000305	.000116	.079615	.000402	.0344380
#3	.0005623	.0010918	-.000080	.000496	-.101981	.001335	.0327676

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.031331	.0115900	.0219275	-.000124	.7454434	.4263977	-.001194
Stddev	.055529	.0035100	.0006593	.000280	.0081547	.0172570	.000627
%RSD	177.2325	30.28502	3.006914	226.3601	1.093939	4.047172	52.54805

#1	-.012244	.0099930	.0224242	.000116	.7360293	.4070950	-.000853
#2	.012137	.0156146	.0221788	-.000056	.7499787	.4317642	-.000811
#3	-.093886	.0091625	.0211795	-.000431	.7503223	.4403339	-.001918

Sample Name: K5221-15LX5 Acquired: 10/09/2019 14:23:58 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH1A15L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0037162	-.006418	.0040415
Stddev	.0012978	.001974	.0005495
%RSD	34.92404	30.75541	13.59685

#1	.0049540	-.004471	.0041647
#2	.0038290	-.006365	.0034408
#3	.0023656	-.008418	.0045189

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1739.967	3214.581	40518.40	10032.83	3302.001
Stddev	16.727	1.887	45.65	62.80	4.473
%RSD	.9613631	.0587049	.1126683	.6259629	.1354608

#1	1721.978	3213.365	40469.71	10093.53	3297.551
#2	1742.869	3216.755	40525.25	9968.12	3301.954
#3	1755.053	3213.624	40560.24	10036.84	3306.497

Sample Name: K5126-14 Acquired: 10/09/2019 14:28:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLM90 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0852951	.0015704	.0947527	.0047162	.0056016	148.7583	.6271463
Stddev	.0028431	.0044539	.0006924	.0026930	.0035580	.6317	.0061715
%RSD	3.333224	283.6111	.7307839	57.10055	63.51834	.4246666	.9840549

#1	.0861105	.0066190	.0951202	.0069073	.0045407	148.3879	.6240582
#2	.0821335	-.001803	.0951839	.0055314	.0026946	148.3992	.6231285
#3	.0876414	-.000105	.0939540	.0017098	.0095693	149.4877	.6342523

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0055017	-.000796	96.94924	.2296018	.1353034	.5492283	310.7156
Stddev	.0000407	.000234	.92543	.0011713	.0006000	.0017753	2.3259
%RSD	.7404153	29.42654	.9545485	.5101324	.4434728	.3232375	.7485549

#1	.0055066	-.000991	96.67784	.2306966	.1346111	.5482848	310.2514
#2	.0055398	-.000536	96.18986	.2297422	.1356733	.5512762	308.6569
#3	.0054588	-.000860	97.98002	.2283667	.1356258	.5481240	313.2386

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.872287	100.7180	.3024585	-.021806	4.229883	.5598170	.6264545
Stddev	.036325	.7532	.0004726	.000532	.287811	.0022000	.0093282
%RSD	.6185854	.7478103	.1562647	2.437531	6.804220	.3929776	1.489043

#1	5.868401	100.4880	.3027183	-.022160	4.001561	.5595222	.6314102
#2	5.838061	100.1066	.3019130	-.022064	4.134910	.5577792	.6156943
#3	5.910399	101.5594	.3027443	-.021195	4.553177	.5621494	.6322588

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.410726	8.160714	.0821506	.0007037	2.384182	7.858900	.0010465
Stddev	.031481	.045077	.0031108	.0000747	.016791	.005567	.0014627
%RSD	.4247999	.5523636	3.786689	10.61095	.7042719	.0708374	139.7650

#1	7.446289	8.122449	.0808174	.0006179	2.370175	7.852472	-.000418
#2	7.399461	8.149288	.0799285	.0007543	2.379575	7.862058	.001050
#3	7.386428	8.210404	.0857057	.0007388	2.402796	7.862169	.002507

Sample Name: K5126-14 Acquired: 10/09/2019 14:28:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLM90 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	6.703710	.1514855	.5160703
Stddev	.024826	.0011513	.0005950
%RSD	.3703355	.7600117	.1152920

#1	6.693354	.1518636	.5153885
#2	6.685738	.1501927	.5163383
#3	6.732037	.1524002	.5164842

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1817.101	3382.207	42956.74	10989.24	3099.446
Stddev	15.179	5.126	297.89	63.19	4.166
%RSD	.8353189	.1515633	.6934750	.5750028	.1344156

#1	1817.450	3382.154	42809.41	10993.60	3104.257
#2	1832.102	3377.107	43299.59	11050.14	3097.076
#3	1801.751	3387.359	42761.22	10923.99	3097.006

Sample Name: K5126-15 Acquired: 10/09/2019 14:32:03 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLM91 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0539449	.0049222	2.289319	-.000353	.0180602	141.8460
Stddev	.0008735	.0011913	.008775	.003160	.0002603	.8246
%RSD	1.619276	24.20273	.3832874	896.0982	1.441311	.5813523

#1	.0535469	.0052783	2.282650	.001599	.0182797	141.0691
#2	.0549465	.0058948	2.299259	.001341	.0177726	141.7578
#3	.0533413	.0035934	2.286046	-.003998	.0181281	142.7113

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8964413	.0053246	.0341472	82.42467	.2527722	.1160654
Stddev	.0067341	.0001808	.0000958	.59859	.0011583	.0003936
%RSD	.7512011	3.395940	.2806016	.7262282	.4582263	.3390974

#1	.8946375	.0055280	.0341625	82.21572	.2533152	.1156223
#2	.8907928	.0051821	.0342345	81.95857	.2514422	.1161996
#3	.9038936	.0052638	.0340447	83.09973	.2535593	.1163744

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.741541	299.3777	5.344995	85.62508	.2817769	-.019386
Stddev	.028306	1.5914	.033914	.56663	.0009084	.000329
%RSD	.5969858	.5315528	.6344951	.6617606	.3223729	1.697424

#1	4.708856	298.4721	5.329452	85.21747	.2809368	-.019382
#2	4.757828	298.4459	5.321639	85.38566	.2827408	-.019059
#3	4.757940	301.2152	5.383895	86.27213	.2816530	-.019717

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.251161	.5083324	3.108206	6.392325	F 11.00945	.0630279
Stddev	.079970	.0054530	.038349	.119998	.02478	.0039001
%RSD	6.391675	1.072717	1.233801	1.877215	.2250381	6.187891

#1	1.164855	.5069308	3.127917	6.270251	11.01458	.0665064
#2	1.322751	.5037171	3.064010	6.396592	11.03126	.0637658
#3	1.265876	.5143494	3.132691	6.510133	10.98251	.0588116

Sample Name: K5126-15 Acquired: 10/09/2019 14:32:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLM91 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0051790	2.790624	6.138742	.0199593	5.353905	.1184828
Stddev	.0003062	.011188	.045375	.0027340	.036066	.0011068
%RSD	5.913228	.4008983	.7391520	13.69787	.6736431	.9341776

#1	.0048449	2.796370	6.103215	.0230160	5.326512	.1185037
#2	.0052456	2.797771	6.123156	.0191144	5.340436	.1173657
#3	.0054464	2.777731	6.189856	.0177474	5.394767	.1195790

Elem	Sr4077
Units	ppm
Avg	.4400236
Stddev	.0020951
%RSD	.4761306

#1	.4379686
#2	.4399456
#3	.4421566

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1828.901	3385.638	43281.59	11063.78	3124.732
Stddev	17.877	6.178	250.47	76.90	2.488
%RSD	.9774966	.1824870	.5786902	.6950392	.0796138

#1	1823.308	3385.104	43192.83	11113.37	3126.191
#2	1848.906	3379.744	43564.35	11102.78	3121.859
#3	1814.488	3392.066	43087.60	10975.20	3126.145

Sample Name: K5126-16 Acquired: 10/09/2019 14:35:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLM92 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.023622	-.001410	F 259.7587	-.001425	1.710348	214.6057
Stddev	.008308	.001925	.2011	.005055	.003965	.1784
%RSD	.8115867	136.5426	.0774123	354.8426	.2318080	.0831243

#1	1.030571	-.003462	259.8081	.002861	1.713505	214.4188
#2	1.025875	-.001125	259.5376	-.006999	1.705898	214.7741
#3	1.014420	.000357	259.9306	-.000135	1.711642	214.6242

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.633157	.0053195	.3559211	185.9308	.6706957	.1000183
Stddev	.014305	.0001931	.0004874	.3981	.0032421	.0003648
%RSD	.3087517	3.630790	.1369417	.2141035	.4833966	.3646992

#1	4.648509	.0051878	.3563818	186.2314	.6690643	.1002392
#2	4.630760	.0052296	.3554108	186.0817	.6685934	.0995972
#3	4.620203	.0055413	.3559709	185.4793	.6744295	.1002184

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 318.0272	337.7509	4.208301	38.38341	.5328203	.0071204
Stddev	1.7263	.8390	.007664	.01545	.0025146	.0001529
%RSD	.5428094	.2484166	.1821249	.0402406	.4719413	2.147340

#1	318.7852	338.0754	4.207750	38.38105	.5318943	.0071445
#2	319.2449	338.3792	4.216226	38.39990	.5308999	.0072597
#3	316.0516	336.7980	4.200928	38.36928	.5356665	.0069568

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.983128	.3398751	F 129.7455	8.358253	F 15.50142	.2855275
Stddev	.235933	.0023848	.4121	.060057	.04548	.0020197
%RSD	4.734644	.7016593	.3176281	.7185401	.2933749	.7073703

#1	5.006688	.3415305	130.0608	8.298533	15.52628	.2869607
#2	4.736298	.3409531	129.8964	8.357584	15.44893	.2864043
#3	5.206397	.3371417	129.2791	8.418642	15.52904	.2832175

Sample Name: K5126-16 Acquired: 10/09/2019 14:35:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLM92 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0433046	14.07204	3.272343	5.251076	4.185740	.0706451
Stddev	.0007008	.03715	.013771	.007669	.004682	.0009754
%RSD	1.618237	.2640154	.4208350	.1460516	.1118499	1.380684
#1	.0435086	14.10829	3.262863	5.243224	4.180674	.0712293
#2	.0425245	14.03405	3.288139	5.251455	4.189908	.0711869
#3	.0438808	14.07378	3.266027	5.258548	4.186638	.0695190

Elem	Sr4077
Units	ppm
Avg	.6093760
Stddev	.0023375
%RSD	.3835961
#1	.6066784
#2	.6108046
#3	.6106449

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1628.485	2567.019	41372.00	10545.54	3064.170
Stddev	5.654	2.635	62.80	33.21	3.908
%RSD	.3471704	.1026341	.1518007	.3148793	.1275396
#1	1625.038	2566.740	41359.22	10556.73	3061.976
#2	1625.407	2569.782	41440.22	10508.19	3068.682
#3	1635.010	2564.535	41316.58	10571.71	3061.852

Sample Name: K5126-17 Acquired: 10/09/2019 14:39:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLMA6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0381648	.0043737	.1664410	.0006468	.0024368	63.17964	.9052414
Stddev	.0005844	.0062582	.0029521	.0035611	.0015617	.33339	.0074937
%RSD	1.531176	143.0854	1.773669	550.5709	64.08815	.5276863	.8278113

#1	.0377231	-.000390	.1697479	.0016359	.0030291	62.88732	.9000835
#2	.0379438	.002049	.1655039	-.003304	.0006656	63.10888	.9018035
#3	.0388274	.011461	.1640712	.003609	.0036157	63.54273	.9138372

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026853	.0026023	70.39334	.1226265	.0620166	.2973034	125.9886
Stddev	.0000326	.0000072	.53976	.0003464	.0001707	.0033413	.8852
%RSD	1.214318	.2748010	.7667820	.2824902	.2752933	1.123871	.7026328

#1	.0027081	.0025965	69.91152	.1227254	.0618944	.3010858	125.1950
#2	.0026998	.0026103	70.29187	.1222414	.0622117	.2960713	125.8276
#3	.0026479	.0026001	70.97664	.1229127	.0619437	.2947532	126.9433

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.972494	37.83368	.1455298	-.008571	.9250091	.2253481	1.081955
Stddev	.026075	.27679	.0011539	.000166	.1202013	.0033617	.008239
%RSD	.6563772	.7316089	.7928923	1.932437	12.99461	1.491780	.7615358

#1	3.946536	37.54848	.1460288	-.008633	1.016953	.2231255	1.072468
#2	3.972261	37.85134	.1463503	-.008384	.969081	.2237033	1.087324
#3	3.998684	38.10122	.1442104	-.008698	.788992	.2292155	1.086073

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.992742	7.040929	.0838553	.0056735	8.147619	4.472293	.0034138
Stddev	.144094	.006778	.0018082	.0002422	.020755	.051138	.0013114
%RSD	3.608887	.0962693	2.156325	4.268740	.2547319	1.143436	38.41358

#1	3.974329	7.039652	.0817693	.0054398	8.130621	4.497226	.0041113
#2	3.858741	7.048254	.0848200	.0056572	8.170749	4.413471	.0019011
#3	4.145157	7.034879	.0849765	.0059234	8.141488	4.506182	.0042291

Sample Name: K5126-17 Acquired: 10/09/2019 14:39:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLMA6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.548217	.0653341	.5530350
Stddev	.013592	.0011858	.0015987
%RSD	.5333732	1.814930	.2890695

#1	2.534483	.0640650	.5513703
#2	2.548507	.0655237	.5531766
#3	2.561662	.0664137	.5545582

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1803.667	3332.885	42666.83	10817.12	3251.899
Stddev	18.006	2.439	437.85	96.36	5.092
%RSD	.9982809	.0731905	1.026201	.8908021	.1565904

#1	1823.470	3335.398	43167.13	10870.98	3257.167
#2	1799.249	3330.527	42479.84	10874.50	3247.003
#3	1788.281	3332.730	42353.53	10705.87	3251.528

Sample Name: K5126-18 Acquired: 10/09/2019 14:43:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLMA7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0634130	-.000081	.1307618	.0002001	.0017714	100.8260	.6320649
Stddev	.0035760	.005984	.0024634	.0030415	.0018445	.3829	.0052050
%RSD	5.639246	7364.112	1.883922	1520.148	104.1279	.3797803	.8234847

#1	.0634489	.006799	.1301560	.0021608	.0038935	100.8226	.6344933
#2	.0598192	-.004079	.1334716	.0017430	.0005523	101.2107	.6356119
#3	.0669710	-.002964	.1286577	-.003304	.0008685	100.4448	.6260895

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0038352	.0002187	70.41494	.1647374	.0953403	.2628296	207.6182
Stddev	.0000207	.0000801	.52397	.0003909	.0003450	.0034443	.7840
%RSD	.5389961	36.65530	.7441215	.2373100	.3618922	1.310471	.3776347

#1	.0038402	.0002899	70.76552	.1651042	.0954573	.2610176	208.2549
#2	.0038529	.0002341	70.66670	.1643261	.0949520	.2668017	207.8573
#3	.0038125	.0001319	69.81261	.1647819	.0956116	.2606696	206.7425

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.619360	70.63988	.2129112	-.014009	2.495715	.3470042	.7246588
Stddev	.026689	.21255	.0006722	.000168	.239904	.0050760	.0093440
%RSD	.5777592	.3008962	.3157313	1.200252	9.612648	1.462819	1.289427

#1	4.625706	70.78309	.2130746	-.014188	2.251337	.3501113	.7312477
#2	4.642304	70.74090	.2121723	-.013854	2.730880	.3497548	.7287637
#3	4.590070	70.39566	.2134866	-.013984	2.504926	.3411465	.7139651

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.468726	9.907279	.1392926	.0002424	4.768168	6.888445	.0083977
Stddev	.021795	.012876	.0032213	.0001980	.005579	.040207	.0009964
%RSD	.6283242	.1299695	2.312637	81.68802	.1170000	.5836853	11.86557

#1	3.445218	9.922006	.1427229	.0004142	4.772051	6.846696	.0088987
#2	3.472699	9.901683	.1388230	.0000259	4.761775	6.891731	.0072502
#3	3.488261	9.898147	.1363318	.0002871	4.770678	6.926908	.0090443

Sample Name: K5126-18 Acquired: 10/09/2019 14:43:58 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLMA7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.963151	.1049226	.4343140
Stddev	.018507	.0029288	.0014665
%RSD	.4669754	2.791403	.3376529

#1	3.960687	.1082438	.4326250
#2	3.982767	.1038143	.4352632
#3	3.946000	.1027097	.4350539

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1811.569	3361.992	42628.02	10804.37	3190.706
Stddev	11.732	4.818	242.89	43.06	3.563
%RSD	.6476378	.1433014	.5697792	.3985478	.1116594

#1	1805.460	3363.365	42610.97	10816.20	3190.129
#2	1804.152	3356.636	42394.11	10756.63	3187.467
#3	1825.096	3365.974	42878.98	10840.27	3194.522

Sample Name: K5126-19 Acquired: 10/09/2019 14:47:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLMA8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0517041	.0042464	4.128526	.0052316	.0006636	81.86212
Stddev	.0064308	.0023601	.003610	.0052073	.0009658	.31636
%RSD	12.43764	55.57854	.0874477	99.53617	145.5454	.3864495

#1	.0484774	.0022144	4.132180	-.000123	-.000356	81.56655
#2	.0591093	.0068350	4.128438	.005539	.000781	82.19581
#3	.0475255	.0036898	4.124961	.010278	.001565	81.82399

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.766072	.0052342	.0524947	210.7966	1.105063	.1161328
Stddev	.055596	.0000535	.0000930	1.3278	.002325	.0008201
%RSD	.6342232	1.022285	.1771540	.6298801	.2104293	.7061772

#1	8.744305	.0052650	.0523873	210.4510	1.103747	.1169855
#2	8.829259	.0052653	.0525477	212.2630	1.107748	.1153498
#3	8.724653	.0051725	.0525492	209.6758	1.103693	.1160631

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9154096	165.5120	7.843357	43.92539	.4394801	-.007868
Stddev	.0031751	.4988	.044419	.15218	.0002973	.000177
%RSD	.3468548	.3013903	.5663317	.3464546	.0676565	2.254154

#1	.9133940	165.4675	7.825318	43.96032	.4395036	-.007675
#2	.9137650	166.0317	7.893959	44.05707	.4397650	-.008024
#3	.9190696	165.0370	7.810796	43.75878	.4391717	-.007904

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.682313	.2441219	12.67437	11.65332	F 17.69518	.4792540
Stddev	.075057	.0026131	.13822	.02706	.03493	.0024699
%RSD	1.123216	1.070415	1.090557	.2322267	.1973941	.5153675

#1	6.760240	.2428713	12.67541	11.62523	17.65912	.4788305
#2	6.676198	.2471253	12.53564	11.65549	17.72886	.4819083
#3	6.610500	.2423691	12.81207	11.67923	17.69756	.4770232

Sample Name: K5126-19 Acquired: 10/09/2019 14:47:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLMA8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0080814	8.354718	7.510757	.1191086	2.176193	.0667942
Stddev	.0003402	.022170	.093165	.0012334	.010608	.0008904
%RSD	4.209112	.2653556	1.240419	1.035512	.4874498	1.333010
#1	.0078048	8.335301	7.500340	.1191770	2.164917	.0659289
#2	.0084612	8.378874	7.608693	.1203064	2.185974	.0677077
#3	.0079782	8.349979	7.423239	.1178424	2.177687	.0667461

Elem	Sr4077
Units	ppm
Avg	2.348739
Stddev	.003175
%RSD	.1351731
#1	2.345184
#2	2.351290
#3	2.349744

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1804.543	3350.920	42909.68	10983.25	3137.595
Stddev	9.988	6.138	137.01	107.61	6.113
%RSD	.5535089	.1831787	.3192878	.9797462	.1948378
#1	1799.657	3343.896	42751.84	10968.93	3130.824
#2	1816.034	3353.612	42997.76	10883.51	3142.709
#3	1797.939	3355.253	42979.45	11097.29	3139.250

Sample Name: PB123799BL Acquired: 10/09/2019 14:51:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBW799 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050595	-.001930	.0085050	-.000174	.0004708	-.008414	.0005896
Stddev	.0027594	.001290	.0015058	.002233	.0023582	.009644	.0004047
%RSD	54.53973	66.85507	17.70482	1282.858	500.9326	114.6244	68.63712

#1	.0074997	-.000509	.0102110	-.002517	.0031638	-.015846	.0005451
#2	.0020650	-.002254	.0073610	.000064	-.001225	-.011879	.0010148
#3	.0056138	-.003028	.0079430	.001931	-.000526	.002484	.0002090

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000721	-.000031	.0084455	.0001970	.0001148	.0041707	.0198753
Stddev	.0000590	.000047	.0101145	.0003409	.0001693	.0038382	.0104461
%RSD	81.89754	149.9374	119.7615	173.0427	147.4720	92.02838	52.55804

#1	.0000294	-.000032	.0134011	-.000138	.0003100	-.000076	.0209076
#2	.0000474	-.000078	-.003191	.000186	.0000268	.005194	.0297669
#3	.0001394	.000016	.015127	.000543	.0000076	.007393	.0089514

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002618	-.015179	.0001489	.0002863	-.379799	-.001911	.0057687
Stddev	.0002160	.024347	.0003242	.0004351	.017876	.004313	.0011170
%RSD	82.50964	160.4021	217.7487	151.9850	4.706806	225.6751	19.36342

#1	.0002246	.010753	-.000202	-.000193	-.385717	.002302	.0067729
#2	.0000668	-.018741	.000210	.000657	-.393966	-.006318	.0059677
#3	.0004940	-.037548	.000438	.000394	-.359714	-.001718	.0045656

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.197230	.0010865	-.004290	-.000285	-.006327	.0030772	-.002402
Stddev	.057634	.0016620	.000216	.000331	.002536	.0002114	.001285
%RSD	29.22190	152.9683	5.026464	116.2160	40.08505	6.869489	53.51978

#1	-.250968	.0014596	-.004289	.000091	-.008619	.0028680	-.003102
#2	-.136363	.0025302	-.004506	-.000414	-.006760	.0030728	-.000918
#3	-.204360	-.000730	-.004075	-.000531	-.003602	.0032907	-.003186

Sample Name: PB123799BL Acquired: 10/09/2019 14:51:52 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBW799 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0015174	-.004626	.0001208
Stddev	.0007317	.001121	.0000280
%RSD	48.22369	24.23514	23.15517

#1	.0006732	-.003590	.0000914
#2	.0019081	-.005816	.0001471
#3	.0019709	-.004473	.0001240

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1737.082	3223.624	40627.79	10182.55	3311.945
Stddev	4.168	5.023	285.25	84.90	8.526
%RSD	.2399625	.1558166	.7021163	.8338154	.2574273

#1	1741.139	3218.945	40930.41	10241.31	3302.988
#2	1737.296	3228.932	40589.11	10085.21	3319.961
#3	1732.811	3222.996	40363.85	10221.13	3312.885

Sample Name: PB123799BS Acquired: 10/09/2019 14:56:01 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: LCS799 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0208292	.0530276	.0245404	.0795336	.1242762	.4165743	.4267858
Stddev	.0023703	.0021301	.0007823	.0017543	.0029129	.0093774	.0015156
%RSD	11.37981	4.016970	3.187635	2.205766	2.343889	2.251070	.3551161

#1	.0186471	.0542378	.0254252	.0778607	.1211039	.4126034	.4277443
#2	.0233511	.0505681	.0239404	.0793807	.1248941	.4272838	.4275747
#3	.0204895	.0542770	.0242558	.0813593	.1268305	.4098357	.4250385

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0111096	.0104876	11.08920	.0237559	.1014761	.0494919	.2315823
Stddev	.0000977	.0000298	.03609	.0007816	.0003336	.0006143	.0027352
%RSD	.8793517	.2843049	.3254508	3.290236	.3287572	1.241235	1.181105

#1	.0111784	.0104534	11.11063	.0245351	.1016589	.0490204	.2344139
#2	.0109978	.0105080	11.10945	.0237608	.1010910	.0501866	.2289549
#3	.0111525	.0105015	11.04754	.0229718	.1016784	.0492687	.2313779

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0348147	10.67982	.0853822	.0217117	10.31689	.1073001	.1197200
Stddev	.0003439	.04509	.0001782	.0007691	.14671	.0019012	.0035736
%RSD	.9878843	.4222347	.2087285	3.542142	1.422075	1.771885	2.984925

#1	.0346945	10.69526	.0854342	.0217844	10.42246	.1051555	.1238061
#2	.0352026	10.71516	.0851838	.0209089	10.37885	.1079663	.1181751
#3	.0345470	10.62903	.0855287	.0224418	10.14936	.1087787	.1171788

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.987329	.0224220	.0245106	.0200674	.1837247	.2170969	.0136368
Stddev	.088393	.0015717	.0007061	.0001578	.0021019	.0008649	.0012900
%RSD	.9835287	7.009517	2.880685	.7861140	1.144040	.3984081	9.459789

#1	9.002162	.0242367	.0252402	.0201567	.1835164	.2161079	.0151259
#2	8.892458	.0215236	.0238306	.0201602	.1817348	.2174708	.0128587
#3	9.067367	.0215055	.0244611	.0198852	.1859230	.2177119	.0129258

Sample Name: PB123799BS Acquired: 10/09/2019 14:56:01 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: LCS799 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2006494	.0776896	.2013265
Stddev	.0014286	.0008063	.0003676
%RSD	.7119874	1.037880	.1825739

#1	.2021709	.0785800	.2009454
#2	.1993367	.0774802	.2016789
#3	.2004407	.0770087	.2013553

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1812.055	3346.792	42036.74	10454.58	3463.015
Stddev	3.826	.143	45.86	17.07	1.492
%RSD	.2111584	.0042712	.1091028	.1632784	.0430699

#1	1815.012	3346.946	42064.70	10444.38	3464.082
#2	1813.420	3346.663	41983.81	10445.08	3463.651
#3	1807.734	3346.767	42061.72	10474.29	3461.311

Sample Name: K5104-05 Acquired: 10/09/2019 15:00:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLMJ7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026530	.0004781	.0032605	-.001031	-.002674	-.002997	.0008885
Stddev	.0021917	.0020998	.0021545	.001077	.000871	.001647	.0002756
%RSD	82.61194	439.2405	66.08116	104.5237	32.59230	54.96645	31.01881

#1	.0021348	.0015936	.0024290	-.001616	-.002208	-.004851	.0006299
#2	.0007669	.0017847	.0016455	-.001688	-.003679	-.001702	.0011785
#3	.0050574	-.001944	.0057069	.000213	-.002134	-.002438	.0008571

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000565	.0000097	.0031385	.0000569	.0000708	.0031600	.0039621
Stddev	.0001062	.0000421	.0123995	.0005136	.0001459	.0005542	.0076222
%RSD	188.0315	435.8266	395.0727	903.1929	205.9901	17.53895	192.3775

#1	-.000036	.0000327	-.004660	.0006422	.0000644	.0025782	.0034493
#2	.000172	.0000352	-.003361	-.000153	.0002198	.0032200	.0118278
#3	.000033	-.000039	.017437	-.000319	-.000072	.0036819	-.003391

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000033	-.010689	.0003047	.0000979	-.047841	-.003580	.0003822
Stddev	.000526	.014411	.0004664	.0000521	.090755	.001296	.0016378
%RSD	1607.580	134.8147	153.0670	53.19201	189.7014	36.19951	428.5732

#1	-.000084	-.024493	.0008122	.0000649	.056280	-.002849	-.000150
#2	-.000531	.004260	-.000105	.0000710	-.089623	-.002815	.002220
#3	.000517	-.011835	.000207	.0001580	-.110179	-.005077	-.000923

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.866916	.0018915	-.006962	-.000350	-.001745	.0128413	-.002463
Stddev	.051078	.0007301	.001582	.000062	.001522	.0000717	.001530
%RSD	5.891901	38.59834	22.72694	17.61412	87.22454	.5581957	62.11554

#1	-.911287	.0011641	-.006209	-.000401	-.003349	.0127720	-.002400
#2	-.878381	.0018862	-.005897	-.000367	-.001568	.0128367	-.004024
#3	-.811080	.0026243	-.008781	-.000282	-.000319	.0129152	-.000966

Sample Name: K5104-05 Acquired: 10/09/2019 15:00:08 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLMJ7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0009979	-.015517	.0000400
Stddev	.0010610	.001152	.0000528
%RSD	106.3294	7.420971	132.2190

#1	.0019982	-.015586	-.000020
#2	-.000115	-.014333	.000078
#3	.001110	-.016633	.000062

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1820.966	3360.976	42242.38	10397.40	3462.650
Stddev	10.935	7.024	82.88	28.33	3.249
%RSD	.6004841	.2089891	.1962104	.2724982	.0938409

#1	1811.029	3358.764	42153.43	10410.23	3465.466
#2	1832.680	3368.840	42317.43	10417.05	3463.390
#3	1819.188	3355.325	42256.28	10364.92	3459.095

Sample Name: CCV099 Acquired: 10/09/2019 15:04:16 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV099 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.099393	5.043294	25.41891	5.005349	5.054481	403.9433	10.78317
Stddev	.014783	.010618	.04129	.034692	.010056	4.6589	.08976
%RSD	.2898943	.2105395	.1624295	.6931036	.1989478	1.153344	.8324313

#1	5.097403	5.035049	25.39322	4.965806	5.043435	400.5734	10.71305
#2	5.115070	5.055275	25.39698	5.030671	5.063104	409.2598	10.88433
#3	5.085706	5.039559	25.46654	5.019570	5.056905	401.9968	10.75212

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5199580	2.511453	420.8671	15.68705	2.572242	15.43684	409.3077
Stddev	.0042695	.002758	3.7225	.03156	.004264	.03400	3.1279
%RSD	.8211215	.1098136	.8844927	.2011767	.1657521	.2202795	.7641938

#1	.5166452	2.508991	417.8374	15.65914	2.573292	15.40366	406.8806
#2	.5247763	2.510934	425.0226	15.72130	2.567552	15.47161	412.8376
#3	.5184526	2.514433	419.7413	15.68072	2.575883	15.43526	408.2049

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.68201	408.5564	2.567766	1.316397	404.3745	2.595607	15.12848
Stddev	.13823	2.9744	.002122	.002891	2.4709	.014947	.03795
%RSD	.8814441	.7280170	.0826528	.2195882	.6110520	.5758460	.2508308

#1	15.56393	406.3905	2.567689	1.313222	402.9274	2.580127	15.08618
#2	15.83405	411.9477	2.565683	1.317092	407.2276	2.609957	15.13970
#3	15.64804	407.3310	2.569926	1.318877	402.9685	2.596735	15.15954

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	156.0403	5.335385	5.175371	4.998877	5.248514	5.165393	5.129128
Stddev	.5012	.005790	.051301	.018432	.017150	.043915	.009520
%RSD	.3212092	.1085149	.9912434	.3687262	.3267635	.8501715	.1856124

#1	155.9758	5.329170	5.130919	4.978805	5.229152	5.136201	5.118188
#2	156.5706	5.340626	5.231505	5.015044	5.261794	5.215897	5.135532
#3	155.5744	5.336359	5.163688	5.002782	5.254595	5.144082	5.133664

Sample Name: CCV099 Acquired: 10/09/2019 15:04:16 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV099 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.197850	5.384882	5.176399
Stddev	.032813	.061332	.034714
%RSD	.6312804	1.138972	.6706169

#1	5.166615	5.332288	5.157307
#2	5.232041	5.452253	5.216468
#3	5.194895	5.370107	5.155422

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1461.057	2748.714	36468.37	9606.776	2624.103
Stddev	6.579	2.071	67.02	64.875	5.469
%RSD	.4503170	.0753397	.1837872	.6753071	.2084099

#1	1453.460	2749.235	36395.34	9608.531	2620.132
#2	1464.939	2750.474	36482.71	9541.042	2630.341
#3	1464.771	2746.432	36527.07	9670.757	2621.837

Sample Name: CCB099 Acquired: 10/09/2019 15:08:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB099 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020043	-.001343	.0048991	.0004965	.0001402	.0174724	.0003853
Stddev	.0024523	.003941	.0006455	.0006571	.0007602	.0109936	.0004608
%RSD	122.3516	293.3931	13.17499	132.3462	542.1595	62.92010	119.5769

#1	.0043577	.001918	.0050458	.0003338	.0008579	.0299142	.0000276
#2	.0021917	-.005723	.0041929	.0012196	.0002191	.0090695	.0009053
#3	-.000536	-.000226	.0054586	-.000064	-.000656	.0134334	.0002232

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000696	-.000001	.0098414	.0000839	.0000149	.0039944	.0241195
Stddev	.0000605	.000038	.0037096	.0001792	.0001717	.0023415	.0087568
%RSD	86.95124	5937.836	37.69414	213.6058	1156.577	58.61810	36.30571

#1	.0001133	-.000044	.0140410	.0002905	.0001878	.0031610	.0311791
#2	.0000005	.000024	.0070108	-.000030	.0000124	.0021837	.0268589
#3	.0000948	.000018	.0084724	-.000008	-.000156	.0066386	.0143205

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006113	.0220446	-.000040	.0000919	-.185617	-.000753	.0017920
Stddev	.0002910	.0050411	.000477	.0004785	.034621	.002013	.0028284
%RSD	47.59639	22.86767	1182.590	520.7373	18.65161	267.3835	157.8361

#1	.0008339	.0168491	.000237	-.000370	-.206074	.000613	.0037427
#2	.0002821	.0269156	-.000591	.000060	-.145644	.000193	-.001452
#3	.0007179	.0223690	.000232	.000585	-.205132	-.003064	.003085

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.095353	.0006315	.0059304	.0003503	-.009889	.0003708	-.000115
Stddev	.023729	.0004015	.0005799	.0000348	.002864	.0012600	.000877
%RSD	24.88589	63.57465	9.777747	9.942747	28.96427	339.7629	764.8363

#1	-.106128	.0007465	.0065043	.0003782	-.010439	.0006164	.000895
#2	-.068148	.0001851	.0059420	.0003614	-.012439	.0014899	-.000683
#3	-.111783	.0009629	.0053448	.0003113	-.006790	-.000994	-.000556

Sample Name: CCB099 Acquired: 10/09/2019 15:08:19 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB099 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0020026	.0021907	.0002392
Stddev	.0005070	.0011770	.0000861
%RSD	25.31437	53.72516	36.00879

#1	.0015828	.0035487	.0002915
#2	.0025658	.0014652	.0002863
#3	.0018593	.0015582	.0001398

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1714.974	3206.971	40006.26	10026.93	3308.301
Stddev	33.161	13.522	699.87	23.64	12.673
%RSD	1.933604	.4216375	1.749408	.2357175	.3830710

#1	1741.606	3192.109	40414.10	10046.17	3294.331
#2	1725.484	3210.257	40406.55	10034.09	3311.512
#3	1677.832	3218.547	39198.13	10000.55	3319.060

Sample Name: K5104-06 Acquired: 10/09/2019 15:12:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLMJ7D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0077615	.0024509	.0022630	-.003658	-.002751	-.007980	.0004812
Stddev	.0039336	.0006994	.0011385	.004509	.000581	.004205	.0002276
%RSD	50.68043	28.53767	50.30808	123.2668	21.11948	52.69328	47.30191

#1	.0041404	.0032582	.0010564	-.003721	-.003412	-.003861	.0004690
#2	.0071976	.0020267	.0033182	-.008136	-.002519	-.007813	.0007146
#3	.0119466	.0020678	.0024144	.000882	-.002321	-.012265	.0002599

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001533	-.000046	.0086408	.0005594	.0001637	.0035702	.0120223
Stddev	.0000433	.000048	.0072208	.0002789	.0001161	.0026580	.0021364
%RSD	28.22503	104.1495	83.56663	49.85788	70.91302	74.44985	17.76992

#1	.0001345	-.000029	.0075011	.0008720	.0000964	.0038539	.0100611
#2	.0001226	-.000009	.0163637	.0004703	.0002978	.0007817	.0117070
#3	.0002028	-.000101	.0020576	.0003360	.0000970	.0060751	.0142988

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000073	-.002048	.0002259	-.000319	-.156709	-.000389	.0000574
Stddev	.000417	.016787	.0004519	.000335	.233660	.001576	.0008373
%RSD	568.0106	819.7984	200.0223	105.0333	149.1048	405.5103	1459.851

#1	.000186	-.021105	-.000148	-.000163	.112813	.000052	.0005191
#2	.000148	.010547	.000098	-.000703	-.280720	.000920	.0005621
#3	-.000554	.004415	.000728	-.000091	-.302220	-.002138	-.000909

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.812028	-.000210	-.004055	-.000160	-.008314	.0131429	-.001508
Stddev	.018334	.002485	.000328	.000200	.000928	.0012693	.000243
%RSD	2.257819	1185.119	8.076880	125.1536	11.16717	9.657980	16.10226

#1	-.817102	-.001057	-.003821	-.000067	-.007242	.0119790	-.001245
#2	-.791692	-.002160	-.003914	-.000390	-.008817	.0144964	-.001724
#3	-.827292	.002588	-.004429	-.000023	-.008882	.0129534	-.001555

Sample Name: K5104-06 Acquired: 10/09/2019 15:12:27 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLMJ7D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0018409	-.014211	.0000837
Stddev	.0007217	.001663	.0000117
%RSD	39.20420	11.70099	13.95596

#1	.0018378	-.014133	.0000790
#2	.0025641	-.015912	.0000969
#3	.0011207	-.012589	.0000750

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1845.380	3385.949	42655.52	10397.47	3486.513
Stddev	12.861	1.990	186.14	75.57	2.209
%RSD	.6969423	.0587661	.4363715	.7268109	.0633725

#1	1835.422	3387.930	42443.26	10479.71	3485.255
#2	1840.816	3383.950	42732.42	10381.59	3485.219
#3	1859.900	3385.966	42790.89	10331.09	3489.064

Sample Name: K5104-07 Acquired: 10/09/2019 15:16:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLMJ7S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0360579	.0570923	.0228839	.0154635	.1050697	1.969533	2.240852
Stddev	.0060274	.0023728	.0012452	.0025491	.0013950	.010774	.010197
%RSD	16.71585	4.156151	5.441214	16.48460	1.327669	.5470383	.4550343

#1	.0386846	.0563619	.0224051	.0125432	.1037396	1.959394	2.234788
#2	.0291630	.0551706	.0242973	.0166046	.1049479	1.980846	2.252624
#3	.0403263	.0597445	.0219492	.0172426	.1065216	1.968360	2.235143

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0545058	.0532346	.0049018	.2269099	.5257613	.2315505	1.164776
Stddev	.0003240	.0000754	.0064851	.0007692	.0010840	.0039999	.013360
%RSD	.5945009	.1416753	132.3003	.3390126	.2061699	1.727423	1.147015

#1	.0546738	.0533009	-.002544	.2277964	.5248416	.2269320	1.155937
#2	.0547114	.0532503	.007938	.2265142	.5269564	.2338834	1.180146
#3	.0541323	.0531526	.009312	.2264190	.5254860	.2338362	1.158247

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5577779	.0067010	.5392137	.0548377	-.266768	.5489907	.4939398
Stddev	.0032373	.0116067	.0015015	.0003898	.155640	.0033632	.0071708
%RSD	.5803917	173.2072	.2784675	.7107693	58.34299	.6126173	1.451748

#1	.5558869	.0191704	.5374834	.0545602	-.098218	.5451917	.4906685
#2	.5615159	.0047209	.5401743	.0546695	-.405054	.5515882	.4889880
#3	.5559310	-.003788	.5399834	.0552833	-.297032	.5501921	.5021628

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.829916	.0005904	-.004173	-.000369	-.008404	.0102093	-.001787
Stddev	.051366	.0034535	.000398	.000100	.002367	.0005027	.001707
%RSD	6.189304	584.9311	9.533210	26.97489	28.16872	4.924198	95.52756

#1	-.774205	-.002600	-.003866	-.000478	-.009032	.0107390	.000136
#2	-.875398	.004257	-.004622	-.000346	-.005786	.0101500	-.003124
#3	-.840144	.000114	-.004030	-.000283	-.010393	.0097388	-.002374

Sample Name: K5104-07 Acquired: 10/09/2019 15:16:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLMJ7S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0012215	-.016101	.0001071
Stddev	.0008679	.001633	.0000554
%RSD	71.05346	10.13967	51.74675

#1	.0007910	-.017470	.0001111
#2	.0022204	-.016538	.0001605
#3	.0006530	-.014294	.0000498

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1812.940	3367.356	42158.58	10530.54	3470.005
Stddev	11.918	15.268	56.50	62.29	12.354
%RSD	.6573918	.4534072	.1340247	.5914884	.3560225

#1	1821.417	3384.014	42093.82	10508.52	3484.120
#2	1818.090	3364.024	42197.79	10482.24	3464.738
#3	1799.313	3354.029	42184.14	10600.84	3461.157

Sample Name: K5104-05LX5 Acquired: 10/09/2019 15:20:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLMJ7L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026281	.0005854	.0030142	-.000868	-.001563	-.011227	.0001796
Stddev	.0034348	.0014014	.0009606	.002348	.001097	.002928	.0002673
%RSD	130.6923	239.3936	31.87043	270.4838	70.17066	26.08315	148.8216

#1	.0026815	-.000849	.0019835	-.002757	-.002821	-.010461	.0003964
#2	.0060359	.001952	.0031745	-.001609	-.001053	-.008758	.0002616
#3	-.000833	.000653	.0038846	.001761	-.000813	-.014462	-.000119

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000243	-.000017	-.002953	-.000492	.0000026	.0050618	.0037152
Stddev	.0000758	.000062	.003770	.000208	.0000396	.0032813	.0021206
%RSD	311.5134	364.5121	127.6655	42.21827	1541.340	64.82504	57.07869

#1	.0000088	-.000080	-.000283	-.000253	-.000015	.0069537	.0037318
#2	.0001067	-.000013	-.001311	-.000598	-.000026	.0012729	.0015864
#3	-.000042	.000043	-.007267	-.000625	.000048	.0069588	.0058274

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000282	.0015756	.0003273	-.000162	-.267699	-.000558	.0011198
Stddev	.000086	.0119762	.0005835	.000141	.059180	.001180	.0018648
%RSD	30.55175	760.1275	178.2688	87.29746	22.10701	211.5352	166.5233

#1	-.000313	-.003901	-.000187	-.000209	-.212938	-.001804	.0028708
#2	-.000349	-.006683	.000961	-.000273	-.259678	.000543	-.000841
#3	-.000185	.015311	.000207	-.000003	-.330480	-.000413	.001330

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.309579	.0017185	-.004115	-.000586	-.010507	.0024561	-.001981
Stddev	.041111	.0013816	.001312	.000517	.000915	.0006544	.000760
%RSD	13.27967	80.39549	31.87650	88.22911	8.705444	26.64363	38.37238

#1	-.265080	.0002576	-.003428	-.000007	-.010173	.0031825	-.002315
#2	-.317508	.0018941	-.005628	-.001003	-.009806	.0019126	-.002517
#3	-.346147	.0030040	-.003290	-.000748	-.011541	.0022733	-.001111

Sample Name: K5104-05LX5 Acquired: 10/09/2019 15:20:34 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLMJ7L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0012023	-.005429	.0000431
Stddev	.0006432	.001372	.0000513
%RSD	53.49535	25.26657	118.8428

#1	.0011279	-.006762	.0000121
#2	.0005995	-.005503	.0001023
#3	.0018794	-.004022	.0000150

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1715.154	3196.586	40371.17	10148.03	3294.152
Stddev	17.740	4.733	303.90	49.66	3.318
%RSD	1.034337	.1480736	.7527679	.4893584	.1007242

#1	1695.512	3194.977	40282.92	10093.76	3295.290
#2	1719.939	3192.868	40121.16	10159.14	3290.415
#3	1730.012	3201.914	40709.43	10191.19	3296.751

Sample Name: PB123791BL Acquired: 10/09/2019 15:24:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS791 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006818	-.000109	.0018605	-.002356	.0001822	-.003969	.0005280
Stddev	.0012246	.003517	.0015832	.000465	.0019188	.007071	.0006111
%RSD	179.6157	3215.102	85.09840	19.71598	1053.087	178.1335	115.7332

#1	.0019564	-.000101	.0003390	-.002647	-.000537	.002546	.0010073
#2	.0005748	.003403	.0034990	-.002602	.002357	-.011488	-.000160
#3	-.000486	-.003631	.0017433	-.001821	-.001273	-.002966	.000737

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001421	-.000058	-.005399	.0002316	.0004701	.0043352	.0077072
Stddev	.0000390	.000082	.011779	.0005505	.0002263	.0008712	.0050343
%RSD	27.43533	141.1768	218.1556	237.7375	48.13135	20.09615	65.31896

#1	.0001412	.000025	-.018547	.0003593	.0006223	.0049009	.0130606
#2	.0001036	-.000061	.004190	-.000372	.0002101	.0047728	.0069926
#3	.0001815	-.000139	-.001841	.000707	.0005780	.0033320	.0030684

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000536	-.011850	.0001488	-.000347	-.307240	-.002372	-.000416
Stddev	.000379	.018857	.0003685	.000365	.057745	.001790	.001308
%RSD	70.72810	159.1306	247.6865	105.4233	18.79467	75.47349	314.6174

#1	-.000124	.006121	-.000016	-.000139	-.269170	-.004430	-.001858
#2	-.000615	-.031483	-.000109	-.000768	-.373682	-.001512	.000696
#3	-.000869	-.010188	.000571	-.000132	-.278867	-.001174	-.000086

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.190363	.0013960	-.004986	-.000056	-.007509	-.000558	-.001633
Stddev	.092301	.0018900	.000982	.000158	.005557	.000581	.000191
%RSD	48.48691	135.3871	19.69560	283.1951	74.00503	104.0307	11.68184

#1	-.227448	-.000308	-.005719	.000101	-.003057	-.000584	-.001420
#2	-.085287	.001066	-.005369	-.000214	-.013736	-.001126	-.001789
#3	-.258353	.003429	-.003871	-.000054	-.005733	.000035	-.001689

Sample Name: PB123791BL Acquired: 10/09/2019 15:24:43 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBS791 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0012264	-.002187	.0000388
Stddev	.0009881	.001148	.0000678
%RSD	80.57493	52.49051	174.9203

#1	.0006403	-.000900	.0001167
#2	.0023672	-.003106	.0000064
#3	.0006716	-.002554	-.000007

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1722.118	3204.490	40238.37	10044.17	3298.646
Stddev	9.436	11.289	139.01	35.73	18.489
%RSD	.5479044	.3522721	.3454587	.3557411	.5604991

#1	1712.490	3197.675	40106.86	10003.77	3286.667
#2	1722.514	3198.275	40224.42	10071.60	3289.332
#3	1731.349	3217.520	40383.82	10057.14	3319.940

Sample Name: PB123791BS Acquired: 10/09/2019 15:28:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS791 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0221982	.0529642	.0242250	.0774427	.1243357	.4063857
Stddev	.0030895	.0014794	.0021721	.0027698	.0015949	.0033019
%RSD	13.91786	2.793160	8.966444	3.576582	1.282722	.8125051

#1	.0195451	.0513414	.0222690	.0742589	.1257507	.4035533
#2	.0214593	.0542377	.0265627	.0787707	.1226074	.4100123
#3	.0255901	.0533136	.0238433	.0792984	.1246490	.4055917

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4204321	.0110665	.0102303	10.88343	.0227006	.0987108
Stddev	.0027434	.0000430	.0000961	.04419	.0005651	.0002208
%RSD	.6525092	.3882037	.9390051	.4060356	2.489353	.2237066

#1	.4208396	.0111117	.0103411	10.92836	.0233243	.0985246
#2	.4175078	.0110616	.0101702	10.84001	.0225550	.0986531
#3	.4229489	.0110262	.0101797	10.88191	.0222226	.0989547

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0502832	.2254960	.0341983	10.44878	.0830203	.0212364
Stddev	.0007224	.0054180	.0002845	.04938	.0004811	.0003221
%RSD	1.436703	2.402721	.8318015	.4726009	.5795170	1.516534

#1	.0506747	.2316978	.0344213	10.49090	.0825227	.0215995
#2	.0494495	.2216819	.0338779	10.39443	.0830553	.0211241
#3	.0507253	.2231083	.0342956	10.46099	.0834830	.0209854

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.11100	.1077606	.1165883	8.895054	.0189551	F .0240110
Stddev	.47957	.0013845	.0023028	.058714	.0032899	.0011443
%RSD	4.743031	1.284808	1.975141	.6600703	17.35641	4.765561

#1	9.71856	.1091230	.1175978	8.961874	.0223986	.0252967
#2	9.96886	.1078039	.1182139	8.871574	.0158440	.0231046
#3	10.64556	.1063550	.1139532	8.851714	.0186228	.0236316

Sample Name: PB123791BS Acquired: 10/09/2019 15:28:51 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: LCS791 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0195974	.1715062	.2109531	.0117713	.1978716	F .0764274
Stddev	.0003945	.0027479	.0008418	.0011366	.0011562	.0020495
%RSD	2.013244	1.602230	.3990247	9.655645	.5843192	2.681569

#1	.0194423	.1683473	.2117665	.0105262	.1985135	.0769772
#2	.0200460	.1733449	.2100856	.0120345	.1965368	.0781459
#3	.0193040	.1728263	.2110072	.0127532	.1985644	.0741591

Elem	Sr4077
Units	ppm
Avg	.1984643
Stddev	.0004227
%RSD	.2129979

#1	.1987041
#2	.1987126
#3	.1979762

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1823.843	3349.330	42369.33	10330.77	3466.252
Stddev	2.582	4.139	279.22	68.51	3.393
%RSD	.1415917	.1235851	.6590147	.6631677	.0979001

#1	1825.096	3353.770	42467.73	10253.09	3470.125
#2	1820.873	3348.642	42054.24	10356.66	3464.826
#3	1825.560	3345.578	42586.03	10382.56	3463.804

Sample Name: K5162-16 Acquired: 10/09/2019 15:32:58 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0GK0 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0758684	.0021108	.1038154	-.000974	-.000912	42.05916	2.119777
Stddev	.0018026	.0035779	.0016935	.003732	.001806	.06519	.011365
%RSD	2.376004	169.5016	1.631210	383.1199	198.0318	.1549970	.5361383

#1	.0762625	-.001886	.1031173	-.003609	-.002938	42.13036	2.125964
#2	.0774414	.003204	.1025825	.003296	-.000325	42.00240	2.106661
#3	.0739013	.005015	.1057463	-.002609	.000527	42.04473	2.126706

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0037693	.0005983	26.60067	.1221842	.0279933	.0805912	60.00755
Stddev	.0000185	.0000326	.15496	.0000985	.0003722	.0015685	.32355
%RSD	.4897685	5.445430	.5825538	.0806417	1.329647	1.946266	.5391851

#1	.0037906	.0005839	26.65033	.1222382	.0279995	.0807213	60.18496
#2	.0037580	.0005753	26.42697	.1220705	.0283624	.0789617	59.63410
#3	.0037592	.0006356	26.72472	.1222439	.0276180	.0820906	60.20359

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.260255	21.90619	.0770856	-.003829	2.009005	.0889822	.2827646
Stddev	.003651	.10447	.0001758	.000160	.181984	.0008379	.0012595
%RSD	.2896945	.4768834	.2280622	4.174191	9.058434	.9416616	.4454219

#1	1.263833	21.94987	.0772854	-.003867	2.169784	.0883097	.2841268
#2	1.256535	21.78698	.0770169	-.003653	2.045795	.0899208	.2825246
#3	1.260397	21.98174	.0769545	-.003966	1.811437	.0887159	.2816424

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.54862	2.349364	-.009238	.0006143	7.384908	3.851331	.0025033
Stddev	.07767	.006154	.000683	.0004371	.024068	.055436	.0018739
%RSD	.5338437	.2619301	7.394010	71.16559	.3259099	1.439390	74.85656

#1	14.60802	2.352837	-.008835	.0001898	7.399293	3.788577	.0046393
#2	14.57712	2.352997	-.010026	.0005899	7.398309	3.871773	.0017346
#3	14.46073	2.342259	-.008852	.0010631	7.357122	3.893643	.0011361

Sample Name: K5162-16 Acquired: 10/09/2019 15:32:58 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0GK0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.461634	.0199173	.6464721
Stddev	.011969	.0002652	.0007937
%RSD	.8188579	1.331304	.1227742

#1	1.470101	.0196155	.6470934
#2	1.447941	.0200235	.6467449
#3	1.466860	.0201129	.6455780

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1811.639	3355.235	42225.80	10622.33	3271.164
Stddev	6.233	8.769	87.25	28.94	3.238
%RSD	.3440306	.2613517	.2066253	.2724013	.0989860

#1	1812.807	3347.644	42303.39	10621.96	3268.836
#2	1804.905	3353.228	42242.66	10651.46	3269.795
#3	1817.205	3364.834	42131.35	10593.59	3274.862

Sample Name: K5162-17 Acquired: 10/09/2019 15:36:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GK0D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0726175	.0015919	.1098002	-.004341	-.001947	41.88130	2.105326
Stddev	.0038573	.0008514	.0009485	.004207	.001323	.09687	.010639
%RSD	5.311742	53.48348	.8638666	96.91205	67.96170	.2312853	.5053363

#1	.0729505	.0009528	.1087232	-.001505	-.000699	41.77593	2.098534
#2	.0762974	.0012644	.1101662	-.009175	-.001807	41.90150	2.099856
#3	.0686045	.0025584	.1105113	-.002344	-.003334	41.96647	2.117587

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0037088	.0005812	26.44951	.1229823	.0283199	.0780140	60.24004
Stddev	.0001710	.0000850	.12165	.0007054	.0001011	.0013056	.18902
%RSD	4.610255	14.63339	.4599356	.5735422	.3570183	1.673593	.3137811

#1	.0035335	.0005880	26.37554	.1237601	.0282972	.0779162	60.04798
#2	.0037178	.0006627	26.38307	.1228030	.0284304	.0767600	60.24628
#3	.0038751	.0004930	26.58991	.1223840	.0282321	.0793658	60.42587

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.272339	22.08335	.0775986	-.003626	1.976545	.0873674	.2875882
Stddev	.002251	.03450	.0005922	.000008	.145450	.0004485	.0056121
%RSD	.1769466	.1562209	.7631508	.2290614	7.358824	.5133930	1.951439

#1	1.270070	22.09547	.0782520	-.003618	2.027762	.0871540	.2920914
#2	1.272375	22.04443	.0774466	-.003634	2.089459	.0870654	.2893723
#3	1.274572	22.11017	.0770973	-.003627	1.812414	.0878828	.2813009

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.56324	2.317128	-.007198	.0009367	7.502657	3.935856	.0024135
Stddev	.05461	.011633	.001336	.0000672	.026092	.059613	.0007185
%RSD	.3750059	.5020639	18.56130	7.178109	.3477679	1.514607	29.76994

#1	14.60017	2.303933	-.007791	.0009244	7.472760	3.912185	.0018303
#2	14.58905	2.325907	-.005668	.0010093	7.520831	3.891715	.0021940
#3	14.50051	2.321544	-.008135	.0008765	7.514380	4.003669	.0032161

Sample Name: K5162-17 Acquired: 10/09/2019 15:36:59 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0GK0D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.471764	.0214581	.6408497
Stddev	.007174	.0002550	.0005824
%RSD	.4874523	1.188248	.0908794

#1	1.468083	.0214612	.6402103
#2	1.467178	.0217116	.6413499
#3	1.480032	.0212017	.6409889

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1813.554	3367.331	42389.73	10753.53	3280.509
Stddev	14.813	3.440	305.66	53.30	.885
%RSD	.8167726	.1021543	.7210748	.4956061	.0269691

#1	1798.357	3363.570	42037.50	10746.65	3281.497
#2	1814.354	3370.319	42585.34	10809.93	3279.791
#3	1827.950	3368.103	42546.35	10704.00	3280.239

Sample Name: K5162-18 Acquired: 10/09/2019 15:41:01 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0GK0S Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1851051	.1089948	.1342812	.0296394	.0769737	53.40497	6.651414
Stddev	.0073135	.0045692	.0016734	.0014515	.0016681	.72143	.079023
%RSD	3.951018	4.192160	1.246177	4.897278	2.167156	1.350862	1.188067

#1	.1804985	.1113651	.1329994	.0304457	.0786620	53.42894	6.654433
#2	.1812788	.1118918	.1336698	.0305088	.0769326	52.67186	6.570925
#3	.1935380	.1037275	.1361742	.0279637	.0753265	54.11411	6.728885

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1028927	.1033593	29.23012	.5727722	1.080596	.5009916	84.08227
Stddev	.0014955	.0001234	.37505	.0048392	.000255	.0058572	1.11387
%RSD	1.453484	.1194318	1.283090	.8448696	.0235756	1.169127	1.324743

#1	.1021591	.1033040	29.23589	.5673494	1.080703	.4959067	84.14987
#2	.1019056	.1035007	28.85222	.5766509	1.080305	.4996721	82.93613
#3	.1046133	.1032731	29.60225	.5743164	1.080779	.5073960	85.16080

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.808134	25.54338	1.154976	.0982516	2.021309	1.130069	1.229807
Stddev	.059740	.26996	.000493	.0007246	.070842	.015002	.008084
%RSD	1.242487	1.056861	.0427087	.7374976	3.504739	1.327550	.6573715

#1	4.805801	25.55333	1.155046	.0987321	2.073675	1.130753	1.235750
#2	4.749595	25.26859	1.154452	.0974181	1.940703	1.114736	1.233071
#3	4.869007	25.80823	1.155431	.0986045	2.049548	1.144717	1.220602

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.19443	2.597133	-.006412	.0011451	17.19004	4.313513	.0046620
Stddev	.27743	.003032	.001613	.0002997	.03935	.025489	.0019936
%RSD	1.713146	.1167289	25.14816	26.16981	.2288882	.5909130	42.76339

#1	16.17196	2.594559	-.005742	.0014606	17.16807	4.285129	.0063308
#2	15.92891	2.596364	-.008252	.0008642	17.23546	4.320962	.0052009
#3	16.48242	2.600475	-.005243	.0011106	17.16658	4.334447	.0024543

Sample Name: K5162-18 Acquired: 10/09/2019 15:41:01 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0GK0S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.873204	.0301542	.7071731
Stddev	.022258	.0022111	.0085138
%RSD	1.188217	7.332689	1.203917

#1	1.875165	.0286265	.7073674
#2	1.850030	.0291465	.6985638
#3	1.894416	.0326897	.7155881

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1822.777	3363.480	42752.03	10850.46	3254.547
Stddev	14.242	5.199	182.41	171.64	6.138
%RSD	.7813360	.1545749	.4266598	1.581878	.1886097

#1	1806.357	3365.267	42548.52	10842.24	3250.505
#2	1830.204	3367.550	42900.80	11026.07	3261.611
#3	1831.771	3357.623	42806.76	10683.08	3251.525

Sample Name: K5162-16LX5 Acquired: 10/09/2019 15:44:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GK0L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0188707	-.000265	.0225288	-.000308	-.001193	8.704757	.4366031
Stddev	.0039407	.002764	.0007043	.002519	.002329	.062299	.0046226
%RSD	20.88271	1044.161	3.126217	818.5946	195.1194	.7156871	1.058769

#1	.0231100	-.000811	.0222920	.001513	-.001189	8.681072	.4350584
#2	.0153190	-.002715	.0219735	-.003182	-.003524	8.775424	.4418002
#3	.0181833	.002732	.0233210	.000745	.001133	8.657773	.4329506

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008081	.0000361	5.527179	.0251174	.0057486	.0209131	12.58241
Stddev	.0000130	.0000106	.034365	.0001072	.0001167	.0016116	.09377
%RSD	1.612336	29.32970	.6217453	.4267775	2.029140	7.705951	.7452186

#1	.0007941	.0000478	5.502165	.0251797	.0056401	.0200744	12.53087
#2	.0008105	.0000271	5.566363	.0251788	.0057338	.0227710	12.69064
#3	.0008199	.0000334	5.513009	.0249936	.0058719	.0198938	12.52571

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2659139	4.578412	.0152871	-.001141	.2065276	.0168424	.0591203
Stddev	.0018006	.060297	.0003238	.000643	.3330322	.0031346	.0015593
%RSD	.6771212	1.316979	2.117998	56.35594	161.2531	18.61145	2.637583

#1	.2645263	4.610047	.0150452	-.001587	-.088517	.0132282	.0590522
#2	.2679486	4.616308	.0156549	-.001433	.140457	.0188192	.0607126
#3	.2652668	4.508881	.0151611	-.000404	.567643	.0184799	.0575961

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.935217	.4577352	-.005405	-.000101	1.461862	.8063055	.0001959
Stddev	.106491	.0017786	.000303	.000125	.006283	.0298930	.0019475
%RSD	3.628044	.3885704	5.600510	123.9216	.4297747	3.707405	994.2273

#1	2.841574	.4557400	-.005255	-.000165	1.467069	.8165895	.0024119
#2	3.051057	.4583112	-.005753	.000043	1.454884	.8296989	-.001243
#3	2.913020	.4591546	-.005206	-.000180	1.463634	.7726280	-.000581

Sample Name: K5162-16LX5 Acquired: 10/09/2019 15:44:57 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0GK0L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3048065	.0035106	.1337692
Stddev	.0030941	.0011085	.0003403
%RSD	1.015105	31.57482	.2544258

#1	.3055991	.0030790	.1335542
#2	.3074271	.0047699	.1341616
#3	.3013931	.0026829	.1335919

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1752.836	3238.531	41004.03	10259.10	3294.639
Stddev	7.422	6.082	178.99	155.46	2.623
%RSD	.4234492	.1878062	.4365265	1.515377	.0796047

#1	1754.058	3235.999	41194.86	10363.88	3291.673
#2	1744.879	3234.124	40839.86	10080.48	3295.594
#3	1759.572	3245.470	40977.37	10332.95	3296.651

Sample Name: PB123795BL Acquired: 10/09/2019 15:49:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS795 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011218	-.000328	.0027607	-.002488	.0004503	-.012566	.0002846
Stddev	.0042581	.002150	.0009217	.003080	.0013415	.002902	.0004961
%RSD	379.5706	655.6036	33.38708	123.7821	297.8838	23.09180	174.2965

#1	-.000356	-.000135	.0033750	-.003951	-.000679	-.012828	-.000151
#2	-.002201	-.002567	.0032063	-.004565	.000096	-.009543	.000180
#3	.005922	.001719	.0017009	.001051	.001933	-.015328	.000825

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000567	-.000062	-.003786	-.000081	.0003799	.0034311	.0061271
Stddev	.0000291	.000022	.007820	.000450	.0001543	.0026778	.0092953
%RSD	51.34975	36.13882	206.5446	558.4663	40.61291	78.04490	151.7085

#1	.0000244	-.000064	.000274	.000357	.0002232	.0042020	.0094652
#2	.0000647	-.000083	.001168	-.000541	.0003850	.0056389	-.004376
#3	.0000809	-.000039	-.012801	-.000058	.0005316	.0004524	.013292

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000351	-.021482	.0003189	-.000062	-.272287	-.000061	.0004848
Stddev	.0002467	.015614	.0001915	.000203	.129137	.005520	.0010561
%RSD	703.7069	72.68594	60.06162	328.6121	47.42675	9073.410	217.8133

#1	-.000044	-.038936	.0003753	-.000068	-.202432	-.002605	-.000731
#2	.000312	-.016670	.0001055	.000144	-.193124	.006272	.001009
#3	-.000163	-.008840	.0004758	-.000261	-.421305	-.003850	.001177

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.222237	-.000583	-.005786	-.000088	-.009347	.0006487	-.001943
Stddev	.033008	.001731	.000488	.000204	.000347	.0008982	.000373
%RSD	14.85273	296.9297	8.435246	232.5598	3.716803	138.4674	19.17940

#1	-.258481	.000825	-.006044	-.000180	-.008969	.0000585	-.001648
#2	-.193900	-.002516	-.005224	-.000229	-.009653	.0002052	-.002361
#3	-.214332	-.000058	-.006092	.000146	-.009419	.0016824	-.001819

Sample Name: PB123795BL Acquired: 10/09/2019 15:49:02 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: LCS795 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0010147	-.004042	-.000004
Stddev	.0008136	.000446	.000059
%RSD	80.18830	11.02619	1358.442

#1	.0018906	-.004314	-.000072
#2	.0008710	-.003528	.000021
#3	.0002825	-.004285	.000038

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1723.488	3206.843	40341.94	10055.21	3300.474
Stddev	8.702	8.316	222.43	85.76	9.319
%RSD	.5049050	.2593118	.5513642	.8528882	.2823657

#1	1716.197	3197.242	40106.56	10153.81	3289.728
#2	1721.146	3211.714	40370.62	9997.93	3305.355
#3	1733.122	3211.575	40548.64	10013.90	3306.339

Sample Name: PB123795BS Acquired: 10/09/2019 15:53:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS795 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0265959	.0529767	.0218740	.0779883	.1247408	.4094188
Stddev	.0015397	.0020604	.0002294	.0026387	.0022034	.0084003
%RSD	5.789321	3.889230	1.048845	3.383468	1.766404	2.051769

#1	.0274274	.0507647	.0219910	.0769226	.1230467	.4088738
#2	.0275412	.0533241	.0216097	.0809932	.1272318	.4180783
#3	.0248192	.0548413	.0220215	.0760490	.1239439	.4013042

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4266682	.0110055	.0102816	11.06546	.0228560	.1003677
Stddev	.0019976	.0001680	.0000560	.05515	.0004183	.0000508
%RSD	.4681854	1.526387	.5443627	.4984160	1.830196	.0506264

#1	.4245277	.0108516	.0102416	11.00518	.0232416	.1003696
#2	.4269940	.0109803	.0102577	11.07780	.0224113	.1003160
#3	.4284829	.0111847	.0103456	11.11339	.0229153	.1004176

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0477429	.2318070	.0345986	10.59803	.0842176	.0218226
Stddev	.0006858	.0039677	.0007297	.03500	.0004454	.0001669
%RSD	1.436516	1.711627	2.108933	.3302846	.5288978	.7646323

#1	.0470462	.2348782	.0340314	10.55762	.0841920	.0219136
#2	.0477652	.2332155	.0354218	10.61903	.0837855	.0216301
#3	.0484173	.2273272	.0343427	10.61744	.0846752	.0219242

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.867362	.1069546	.1189250	9.029842	.0206135	F .0238314
Stddev	.179517	.0010704	.0009945	.029987	.0021683	.0010717
%RSD	1.819301	1.000753	.8362720	.3320826	10.51862	4.497137

#1	10.05765	.1057724	.1185990	9.035588	.0219237	.0227121
#2	9.70102	.1078579	.1181343	9.056540	.0218061	.0239340
#3	9.84342	.1072334	.1200416	8.997398	.0181107	.0248482

Sample Name: PB123795BS Acquired: 10/09/2019 15:53:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS795 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0196479	.1779139	.2104732	.0129962	.2016709	F .0774910
Stddev	.0001904	.0048955	.0027783	.0020854	.0017431	.0008588
%RSD	.9691833	2.751590	1.320039	16.04626	.8643168	1.108195
#1	.0198623	.1835555	.2072676	.0107082	.1996669	.0784761
#2	.0194983	.1754018	.2121860	.0134899	.2025102	.0770968
#3	.0195832	.1747845	.2119661	.0147904	.2028355	.0769001

Elem	Sr4077
Units	ppm
Avg	.2004180
Stddev	.0002059
%RSD	.1027610
#1	.2006425
#2	.2002379
#3	.2003736

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1823.967	3358.214	42287.57	10376.53	3477.449
Stddev	12.115	4.662	249.36	84.44	6.268
%RSD	.6641861	.1388200	.5896802	.8137533	.1802596
#1	1818.960	3358.921	42205.82	10437.96	3475.118
#2	1837.782	3362.481	42567.54	10411.37	3484.549
#3	1815.158	3353.238	42089.35	10280.24	3472.680

Sample Name: K5163-04 Acquired: 10/09/2019 15:57:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GK8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2045687	.0053007	.1022518	.0001870	.0017810	101.3852	2.771359
Stddev	.0032600	.0023140	.0012369	.0037650	.0025908	.3761	.029338
%RSD	1.593595	43.65449	1.209711	2012.972	145.4696	.3710071	1.058626

#1	.2068814	.0046570	.1008235	-.004034	-.000326	101.8089	2.793452
#2	.2059845	.0078684	.1029670	.003199	.000995	101.2557	2.782554
#3	.2008402	.0033767	.1029650	.001395	.004674	101.0908	2.738072

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0079326	-.000061	32.73829	.1909724	.0725535	.2172052	144.7451
Stddev	.0001237	.000053	.43414	.0005476	.0005157	.0022609	1.2828
%RSD	1.559293	86.45311	1.326106	.2867321	.7108391	1.040883	.8862226

#1	.0079986	-.000084	33.07277	.1915729	.0721463	.2197948	145.8468
#2	.0077899	-.000099	32.89444	.1905007	.0731334	.2161966	145.0515
#3	.0080092	-.000001	32.24767	.1908437	.0723807	.2156241	143.3368

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.381212	48.91867	.1308760	-.010011	1.267400	.2385649	.4078818
Stddev	.038400	.46901	.0007079	.000332	.179011	.0017511	.0078780
%RSD	1.135683	.9587529	.5408641	3.312993	14.12429	.7340022	1.931437

#1	3.411928	49.36492	.1304530	-.010047	1.075099	.2377782	.3990441
#2	3.393547	48.96127	.1316932	-.010324	1.297897	.2373452	.4104344
#3	3.338160	48.42981	.1304817	-.009664	1.429203	.2405713	.4141671

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	39.50260	3.383661	-.011217	.0030496	1.373159	3.790733	.0054123
Stddev	.09751	.015403	.000714	.0002620	.003946	.022221	.0023306
%RSD	.2468350	.4552029	6.361453	8.591157	.2873809	.5861855	43.06205

#1	39.50621	3.388764	-.011088	.0032793	1.373715	3.813166	.0054661
#2	39.40333	3.395865	-.011986	.0031054	1.376798	3.768731	.0077155
#3	39.59825	3.366355	-.010576	.0027643	1.368965	3.790303	.0030552

Sample Name: K5163-04 Acquired: 10/09/2019 15:57:18 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0GK8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	6.954124	.0845347	.4685637
Stddev	.028841	.0022146	.0012185
%RSD	.4147380	2.619770	.2600443

#1	6.981066	.0844767	.4671681
#2	6.957606	.0867777	.4691074
#3	6.923700	.0823496	.4694157

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1858.627	3414.570	43537.85	10974.71	3170.413
Stddev	20.722	6.311	289.16	133.34	5.806
%RSD	1.114929	.1848291	.6641559	1.214952	.1831439

#1	1878.000	3421.063	43675.69	10884.76	3171.184
#2	1836.778	3414.189	43205.56	10911.46	3164.259
#3	1861.102	3408.458	43732.30	11127.90	3175.795

Sample Name: K5163-05 Acquired: 10/09/2019 16:01:18 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0GK8D Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2079768	.0038350	.1016446	.0017373	-.000725	102.6319	2.819050
Stddev	.0039138	.0042143	.0007840	.0021842	.002313	.4898	.016720
%RSD	1.881829	109.8895	.7713250	125.7227	319.0765	.4772074	.5930947

#1	.2059715	.0004778	.1024115	.0027411	.000629	102.1811	2.816856
#2	.2124868	.0085643	.1008445	-.000768	-.003396	103.1530	2.836759
#3	.2054720	.0024629	.1016778	.003239	.000592	102.5617	2.803536

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0077540	-.000069	32.99062	.1912331	.0723491	.2222600	147.0851
Stddev	.0001364	.000056	.20016	.0004798	.0002237	.0024039	.6738
%RSD	1.759564	81.01296	.6067236	.2509011	.3092631	1.081590	.4581010

#1	.0078956	-.000105	33.04315	.1911463	.0720911	.2194851	147.0133
#2	.0077431	-.000005	33.15928	.1917504	.0724653	.2235861	147.7919
#3	.0076234	-.000096	32.76943	.1908026	.0724908	.2237089	146.4501

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.413955	49.46298	.1314631	-.009777	1.140184	.2368729	.4192438
Stddev	.016570	.15169	.0002460	.000424	.117957	.0022258	.0062858
%RSD	.4853591	.3066831	.1871230	4.339031	10.34544	.9396740	1.499319

#1	3.411640	49.38289	.1317406	-.009292	1.004079	.2366924	.4122197
#2	3.431561	49.63794	.1313768	-.010079	1.212748	.2347428	.4211725
#3	3.398665	49.36813	.1312719	-.009959	1.203726	.2391835	.4243393

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	39.64012	3.432342	-.006101	.0035974	1.354014	3.760187	.0049131
Stddev	.08736	.022727	.000545	.0001494	.008387	.044784	.0021056
%RSD	.2203781	.6621449	8.933583	4.153805	.6194483	1.191001	42.85708

#1	39.59645	3.417762	-.006571	.0034442	1.346923	3.791240	.0042127
#2	39.74070	3.458529	-.005504	.0037427	1.363272	3.780471	.0072797
#3	39.58320	3.420736	-.006229	.0036054	1.351845	3.708850	.0032470

Sample Name: K5163-05 Acquired: 10/09/2019 16:01:18 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0GK8D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	7.046082	.0867053	.4787390
Stddev	.041193	.0019533	.0011617
%RSD	.5846241	2.252781	.2426572

#1	7.008797	.0878603	.4776272
#2	7.090303	.0878055	.4799448
#3	7.039147	.0844501	.4786449

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1841.317	3414.102	43129.38	11048.98	3169.829
Stddev	11.226	9.885	240.33	77.65	2.828
%RSD	.6096672	.2895295	.5572388	.7027652	.0892233

#1	1853.826	3403.313	43406.22	10996.46	3166.736
#2	1838.005	3416.271	42974.21	11012.30	3172.284
#3	1832.119	3422.722	43007.72	11138.17	3170.468

Sample Name: K5163-06 Acquired: 10/09/2019 16:05:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GK8S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2682165	.1054405	.1395348	.0287370	.0504628	103.8958	6.850828
Stddev	.0007417	.0043057	.0021092	.0040193	.0025451	.3523	.035436
%RSD	.2765421	4.083542	1.511613	13.98661	5.043419	.3391278	.5172463

#1	.2675932	.1073965	.1416218	.0243943	.0484392	103.5151	6.835393
#2	.2690368	.1084210	.1374040	.0294903	.0533201	103.9618	6.825729
#3	.2680193	.1005040	.1395785	.0323264	.0496290	104.2105	6.891364

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1002253	.0976595	32.63324	.5848733	1.071247	.6004265	142.8044
Stddev	.0009014	.0001305	.11351	.0011939	.003249	.0032849	.6551
%RSD	.8993629	.1336124	.3478486	.2041315	.3032759	.5470953	.4587307

#1	.1008848	.0976736	32.65905	.5860078	1.072406	.5969813	142.1795
#2	.0991982	.0975226	32.50904	.5836277	1.067577	.6007748	142.7476
#3	.1005928	.0977824	32.73162	.5849846	1.073757	.6035234	143.4860

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.442413	47.81534	1.138921	.0865775	1.058662	1.149888	1.251802
Stddev	.017642	.24547	.001217	.0005461	.241525	.007174	.017281
%RSD	.3971189	.5133795	.1068530	.6307898	22.81415	.6238937	1.380452

#1	4.428163	47.54242	1.139941	.0869443	.800277	1.141606	1.242390
#2	4.436931	47.88552	1.137574	.0859498	1.278750	1.154202	1.271745
#3	4.462145	48.01808	1.139247	.0868382	1.096959	1.153855	1.241270

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	38.56070	3.299149	-.007927	.0030027	1.375184	4.882906	.0019110
Stddev	.10295	.008950	.002809	.0003614	.008985	.047652	.0017301
%RSD	.2669923	.2712927	35.43241	12.03469	.6533505	.9758948	90.53423

#1	38.44341	3.302549	-.010144	.0027221	1.365053	4.934776	.0007357
#2	38.60251	3.288997	-.004769	.0034104	1.378314	4.841070	.0010997
#3	38.63616	3.305902	-.008868	.0028755	1.382186	4.872873	.0038977

Sample Name: K5163-06 Acquired: 10/09/2019 16:05:19 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0GK8S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	6.548355	.0841987	.4871953
Stddev	.015509	.0019799	.0016890
%RSD	.2368357	2.351516	.3466796

#1	6.532158	.0821298	.4852803
#2	6.549838	.0843906	.4884727
#3	6.563069	.0860757	.4878330

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1842.563	3417.629	43273.55	10950.81	3183.390
Stddev	11.070	2.695	122.14	58.88	4.872
%RSD	.6007841	.0788551	.2822443	.5376446	.1530517

#1	1840.915	3420.324	43152.28	10939.83	3184.314
#2	1832.409	3414.934	43271.83	11014.40	3187.734
#3	1854.364	3417.628	43396.53	10898.20	3178.122

Sample Name: K5163-04LX5 Acquired: 10/09/2019 16:09:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GK8L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0496095	.0026852	.0198752	-.000081	.0006759	21.46864	.5875153
Stddev	.0021669	.0022713	.0008789	.002517	.0012445	.03896	.0035025
%RSD	4.367955	84.58771	4.421955	3103.555	184.1309	.1814718	.5961559

#1	.0490640	.0052946	.0190288	-.000208	.0019039	21.45600	.5907149
#2	.0519970	.0011517	.0207833	-.002532	.0007083	21.43758	.5880577
#3	.0477674	.0016093	.0198134	.002497	-.000585	21.51235	.5837732

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016985	-.000050	6.997271	.0406673	.0142425	.0497807	31.38761
Stddev	.0000998	.000105	.046716	.0005931	.0001831	.0019941	.13907
%RSD	5.878071	211.6995	.6676341	1.458531	1.285814	4.005786	.4430789

#1	.0018131	.000051	7.046506	.0404409	.0140371	.0519343	31.54598
#2	.0016304	-.000041	6.991743	.0402208	.0143887	.0479982	31.33143
#3	.0016520	-.000159	6.953566	.0413404	.0143016	.0494096	31.28542

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7340850	10.40426	.0258887	-.002539	-.060630	.0472524	.0859605
Stddev	.0041915	.06457	.0008192	.000256	.069235	.0022192	.0010439
%RSD	.5709775	.6206357	3.164522	10.06839	114.1920	4.696470	1.214337

#1	.7378638	10.47880	.0255083	-.002767	-.077127	.0487570	.0862920
#2	.7295767	10.36540	.0268290	-.002588	-.120126	.0482966	.0847912
#3	.7348145	10.36858	.0253288	-.002263	.015363	.0447038	.0867984

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.115644	.6689571	-.007117	.0002281	.2539784	.8026697	.0005731
Stddev	.040017	.0055337	.000682	.0000759	.0024355	.0336825	.0005540
%RSD	.4930879	.8272117	9.578671	33.28017	.9589551	4.196305	96.66920

#1	8.103592	.6704527	-.007367	.0001449	.2520556	.8398805	.0001028
#2	8.083038	.6628293	-.007639	.0002935	.2567171	.7938637	.0004327
#3	8.160302	.6735892	-.006346	.0002458	.2531624	.7742649	.0011838

Sample Name: K5163-04LX5 Acquired: 10/09/2019 16:09:15 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0GK8L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.491248	.0136305	.1009021
Stddev	.002976	.0004216	.0004519
%RSD	.1995774	3.093369	.4478165

#1	1.488474	.0139746	.1005791
#2	1.490877	.0137566	.1007088
#3	1.494392	.0131601	.1014185

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1761.494	3253.146	41263.91	10298.64	3272.428
Stddev	11.426	2.664	268.31	143.08	4.516
%RSD	.6486648	.0818773	.6502368	1.389321	.1380009

#1	1749.115	3250.135	40998.79	10153.26	3277.402
#2	1763.729	3255.194	41535.30	10303.35	3268.584
#3	1771.637	3254.109	41257.65	10439.31	3271.298

Sample Name: K5161-01 Acquired: 10/09/2019 16:13:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GF5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1657499	.0037898	.4415148	.0060148	.0018170	67.90622	.5653605
Stddev	.0021487	.0031753	.0018116	.0027744	.0010161	.39024	.0036407
%RSD	1.296319	83.78439	.4103167	46.12684	55.92212	.5746771	.6439603

#1	.1681732	.0001400	.4415872	.0029914	.0020854	67.51451	.5612234
#2	.1649991	.0059169	.4432891	.0084440	.0026719	67.90918	.5667823
#3	.1640774	.0053126	.4396681	.0066089	.0006936	68.29498	.5680757

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0066066	.0081643	31.69559	.0495959	.0360852	.6774903	68.81493
Stddev	.0000309	.0001879	.22473	.0005295	.0001089	.0060532	.42329
%RSD	.4680970	2.301840	.7090376	1.067571	.3017546	.8934772	.6151143

#1	.0066321	.0082287	31.50805	.0491110	.0362000	.6724088	68.60483
#2	.0066156	.0083116	31.63405	.0495159	.0360721	.6758747	68.53780
#3	.0065722	.0079526	31.94469	.0501609	.0359835	.6841874	69.30217

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.180766	25.28188	.0468735	.0038623	2.832274	.1076480	.6883276
Stddev	.030063	.13500	.0004966	.0001845	.137596	.0009074	.0014827
%RSD	.7190721	.5339676	1.059508	4.777396	4.858133	.8429730	.2154122

#1	4.154567	25.17816	.0472951	.0036539	2.980777	.1069818	.6866255
#2	4.174144	25.23297	.0463261	.0039283	2.806937	.1072807	.6890186
#3	4.213588	25.43452	.0469992	.0040047	2.709108	.1086815	.6893387

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.69851	2.804417	.0445343	.0125134	7.113751	1.746883	.0067578
Stddev	.10030	.008862	.0010091	.0003570	.039313	.013226	.0007276
%RSD	.6006779	.3160021	2.265958	2.852749	.5526396	.7571476	10.76721

#1	16.58813	2.811520	.0436522	.0129097	7.154146	1.734065	.0071573
#2	16.78408	2.807245	.0443160	.0122170	7.111488	1.746101	.0059179
#3	16.72333	2.794487	.0456347	.0124136	7.075617	1.760484	.0071981

Sample Name: K5161-01 Acquired: 10/09/2019 16:13:18 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0GF5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.153943	.1608739	.6246298
Stddev	.007142	.0010124	.0020371
%RSD	.6189126	.6293288	.3261267

#1	1.147366	.1597177	.6223818
#2	1.152923	.1613023	.6263535
#3	1.161540	.1616016	.6251541

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1932.352	3586.099	45720.52	11580.23	3257.269
Stddev	7.375	13.184	227.95	55.25	11.187
%RSD	.3816374	.3676334	.4985625	.4771292	.3434567

#1	1935.078	3572.050	45463.74	11629.31	3246.114
#2	1924.002	3588.044	45898.99	11590.98	3257.206
#3	1937.976	3598.202	45798.82	11520.39	3268.488

Sample Name: K5161-02 Acquired: 10/09/2019 16:17:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GF6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1659713	.0026202	.4311246	.0016838	.0022410	54.02144	.7387086
Stddev	.0028120	.0011149	.0020684	.0082628	.0026068	.35957	.0094926
%RSD	1.694280	42.55200	.4797648	490.7330	116.3219	.6656129	1.285026

#1	.1641646	.0013492	.4289412	.0075415	.0028015	53.66417	.7286376
#2	.1692112	.0034335	.4330546	.0052771	.0045219	54.38327	.7474912
#3	.1645382	.0030778	.4313782	-.007767	-.000600	54.01688	.7399969

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0056750	.0060387	24.11098	.0725466	.0366473	.4916695	101.6735
Stddev	.0000871	.0000414	.27349	.0012528	.0003587	.0036377	.9581
%RSD	1.535503	.6857573	1.134290	1.726825	.9788400	.7398570	.9422848

#1	.0056032	.0060862	23.83168	.0729188	.0367750	.4881259	100.6310
#2	.0057719	.0060201	24.37826	.0711499	.0362422	.4953944	102.5152
#3	.0056498	.0060098	24.12300	.0735710	.0369246	.4914880	101.8745

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.372124	20.98394	.0451388	.0008008	2.148522	.2678702	.5465212
Stddev	.062794	.22927	.0005604	.0001668	.282219	.0054122	.0043364
%RSD	1.168883	1.092596	1.241505	20.82684	13.13548	2.020438	.7934474

#1	5.300611	20.72271	.0455221	.0006367	2.473209	.2633211	.5493870
#2	5.418249	21.15175	.0453987	.0009701	1.962063	.2738557	.5486443
#3	5.397511	21.07735	.0444957	.0007957	2.010296	.2664340	.5415324

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.13158	3.434280	.0172974	.0152746	4.846100	2.558139	.0061047
Stddev	.00790	.010357	.0016823	.0000730	.021657	.014576	.0008677
%RSD	.0522141	.3015739	9.725627	.4779962	.4468888	.5697961	14.21344

#1	15.12390	3.426688	.0153573	.0152638	4.821150	2.542199	.0060935
#2	15.13968	3.430074	.0181831	.0152076	4.857112	2.570790	.0052427
#3	15.13116	3.446079	.0183516	.0153524	4.860038	2.561428	.0069779

Sample Name: K5161-02 Acquired: 10/09/2019 16:17:18 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0GF6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.428644	.1131738	.4450725
Stddev	.008899	.0019652	.0006045
%RSD	.6228638	1.736429	.1358298

#1	1.420343	.1116390	.4446092
#2	1.438039	.1153887	.4457564
#3	1.427551	.1124937	.4448521

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1986.797	3672.298	46518.87	11713.45	3285.498
Stddev	7.938	13.519	84.47	55.64	10.857
%RSD	.3995524	.3681284	.1815924	.4750328	.3304379

#1	1982.524	3670.000	46432.42	11764.56	3283.033
#2	1981.911	3660.075	46601.22	11654.17	3276.086
#3	1995.957	3686.818	46522.96	11721.60	3297.375

Sample Name: K5161-03 Acquired: 10/09/2019 16:21:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GF7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2641625	.0022314	.1824856	.0044112	.0024111	66.04229	1.158536
Stddev	.0015254	.0026247	.0011976	.0015012	.0013236	.09544	.003060
%RSD	.5774469	117.6252	.6562744	34.03195	54.89343	.1445124	.2640893

#1	.2659002	.0045325	.1823021	.0045607	.0011259	65.93813	1.157582
#2	.2630443	.0027891	.1813903	.0058321	.0037700	66.12554	1.156067
#3	.2635431	-.000627	.1837643	.0028408	.0023375	66.06320	1.161959

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0057804	.0034397	39.17685	.0572836	.0450175	.3108843	93.21491
Stddev	.0001973	.0000631	.02785	.0005761	.0002519	.0015154	.08662
%RSD	3.412774	1.834968	.0710937	1.005713	.5596112	.4874558	.0929296

#1	.0060052	.0034833	39.16720	.0569253	.0448816	.3114593	93.18311
#2	.0057002	.0033674	39.15511	.0579481	.0448627	.3091655	93.31294
#3	.0056359	.0034686	39.20825	.0569773	.0453082	.3120280	93.14868

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.067052	22.70740	.0593800	.0020238	2.294897	.1557671	.4610156
Stddev	.006881	.06106	.0005026	.0003662	.278808	.0006477	.0104104
%RSD	.0852913	.2689015	.8463709	18.09744	12.14903	.4157992	2.258134

#1	8.073516	22.64407	.0597398	.0016199	2.361214	.1553441	.4501538
#2	8.059819	22.76590	.0595945	.0021169	1.988910	.1554445	.4619863
#3	8.067821	22.71223	.0588058	.0023344	2.534566	.1565127	.4709065

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.63197	5.790900	.0329776	.0064002	1.998809	2.126990	.0015256
Stddev	.05057	.013043	.0018702	.0002165	.013893	.028010	.0005008
%RSD	.2234324	.2252367	5.671213	3.382393	.6950668	1.316892	32.83049

#1	22.67995	5.795540	.0311952	.0064334	1.993433	2.154650	.0009877
#2	22.63681	5.776172	.0328129	.0065982	1.988408	2.127677	.0016105
#3	22.57916	5.800990	.0349247	.0061691	2.014587	2.098643	.0019785

Sample Name: K5161-03 Acquired: 10/09/2019 16:21:20 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0GF7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.610144	.1094091	.6066895
Stddev	.005011	.0017941	.0009001
%RSD	.3111897	1.639772	.1483635

#1	1.606082	.1104665	.6060762
#2	1.615743	.1073377	.6077229
#3	1.608607	.1104232	.6062695

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1967.593	3635.957	46121.61	11690.69	3243.074
Stddev	18.010	8.402	427.03	66.73	6.162
%RSD	.9153306	.2310920	.9258812	.5707896	.1899932

#1	1986.812	3640.808	46592.59	11628.55	3246.116
#2	1964.862	3640.809	46012.58	11682.31	3247.123
#3	1951.104	3626.255	45759.67	11761.21	3235.983

Sample Name: K5161-04 Acquired: 10/09/2019 16:25:21 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0GF8 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1658043	-.001326	.1140471	.0056030	.0013048	51.35162	.4821253
Stddev	.0048386	.001163	.0015253	.0018976	.0016199	.11451	.0026307
%RSD	2.918277	87.72468	1.337423	33.86722	124.1477	.2229988	.5456464

#1	.1654957	-.002523	.1125120	.0055639	.0002496	51.28756	.4846700
#2	.1707899	-.001256	.1140671	.0037253	.0004949	51.28347	.4822896
#3	.1611274	-.000199	.1155623	.0075199	.0031699	51.48383	.4794163

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025742	-.000260	20.30296	.0657619	.0213325	.2175585	55.02234
Stddev	.0000806	.000092	.07451	.0002043	.0002087	.0025746	.10383
%RSD	3.131103	35.45467	.3670014	.3106061	.9781859	1.183390	.1887094

#1	.0025033	-.000337	20.37116	.0659892	.0211461	.2193470	55.14125
#2	.0025575	-.000284	20.31427	.0657030	.0212933	.2146077	54.97617
#3	.0026619	-.000158	20.22343	.0655936	.0215579	.2187207	54.94960

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.007479	15.80912	.0299917	.0017714	2.942656	.0848076	.1891578
Stddev	.005361	.03965	.0003566	.0000989	.354083	.0013629	.0028769
%RSD	.2670744	.2507773	1.188827	5.585386	12.03277	1.607105	1.520880

#1	2.011076	15.84863	.0295831	.0016858	3.337248	.0862255	.1907004
#2	2.010045	15.76934	.0302394	.0017487	2.838085	.0835072	.1858386
#3	2.001317	15.80939	.0301526	.0018797	2.652635	.0846903	.1909343

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.42342	1.167862	.0011101	.0375847	4.040742	1.349254	.0024997
Stddev	.09209	.001506	.0008265	.0001763	.013483	.003858	.0003375
%RSD	.8834755	.1289476	74.45275	.4690463	.3336641	.2859250	13.50002

#1	10.38604	1.166123	.0013319	.0374994	4.025835	1.353664	.0028843
#2	10.35589	1.168767	.0018030	.0377874	4.052083	1.346506	.0023615
#3	10.52832	1.168695	.0001953	.0374674	4.044307	1.347591	.0022533

Sample Name: K5161-04 Acquired: 10/09/2019 16:25:21 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0GF8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9176433	.0678403	.5605524
Stddev	.0022040	.0018026	.0019558
%RSD	.2401804	2.657137	.3489051

#1	.9201241	.0680179	.5595642
#2	.9159112	.0695474	.5592879
#3	.9168945	.0659554	.5628051

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1860.973	3441.111	43584.16	11023.70	3286.169
Stddev	13.901	3.746	313.70	61.21	7.730
%RSD	.7469576	.1088586	.7197680	.5552777	.2352353

#1	1848.264	3437.087	43264.51	10964.74	3277.430
#2	1858.836	3444.497	43596.40	11019.41	3288.963
#3	1875.818	3441.750	43891.56	11086.94	3292.113

Sample Name: K5161-05 Acquired: 10/09/2019 16:29:26 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0GF9 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7062524	.0042507	.2454252	.0019466	.0086485	14.66749	.9338304
Stddev	.0018290	.0002305	.0014875	.0039458	.0012412	.03014	.0014427
%RSD	.2589692	5.422882	.6060938	202.7045	14.35179	.2055179	.1544907

#1	.7047098	.0039967	.2461637	.0007871	.0092174	14.65168	.9344164
#2	.7057744	.0044466	.2463988	.0063423	.0072248	14.70225	.9348879
#3	.7082728	.0043087	.2437129	-.001290	.0095033	14.64854	.9321870

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015300	.0033705	10.23342	.0083655	.0161000	.2435314	69.29110
Stddev	.0000445	.0001185	.01319	.0003653	.0004409	.0021107	.16283
%RSD	2.906610	3.516275	.1288430	4.367287	2.738589	.8667011	.2350003

#1	.0015767	.0032403	10.24206	.0083011	.0165917	.2451453	69.44877
#2	.0014882	.0034722	10.23997	.0087587	.0157397	.2443062	69.30098
#3	.0015252	.0033990	10.21825	.0080366	.0159687	.2411428	69.12355

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.54505	5.722591	.0149174	.0030826	.2726996	.1073845	.3346904
Stddev	.05680	.010013	.0003432	.0000910	.2319256	.0026523	.0040680
%RSD	.2764683	.1749694	2.300433	2.952359	85.04803	2.469899	1.215443

#1	20.60766	5.730365	.0153049	.0029804	.4613060	.1070758	.3393738
#2	20.53067	5.711292	.0146519	.0031123	.3430483	.1101776	.3326609
#3	20.49682	5.726114	.0147954	.0031550	.0137446	.1049001	.3320364

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.099795	2.231624	.0002964	.0314226	2.260271	1.195390	.0035198
Stddev	.057888	.010310	.0023220	.0005023	.010405	.008297	.0012224
%RSD	1.135100	.4619889	783.5066	1.598505	.4603472	.6940832	34.73034

#1	5.032955	2.228355	.0026904	.0318549	2.264113	1.193185	.0038734
#2	5.133751	2.243172	-.001946	.0315414	2.268208	1.204567	.0021595
#3	5.132679	2.223345	.000145	.0308716	2.248491	1.188418	.0045264

Sample Name: K5161-05 Acquired: 10/09/2019 16:29:26 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0GF9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5666425	.0196134	.1850438
Stddev	.0014084	.0014160	.0001718
%RSD	.2485508	7.219770	.0928559

#1	.5671409	.0179832	.1848530
#2	.5677339	.0203192	.1850920
#3	.5650527	.0205378	.1851863

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1898.199	3518.156	44591.05	11175.84	3317.747
Stddev	10.374	15.352	180.38	22.91	13.264
%RSD	.5464995	.4363713	.4045096	.2050255	.3997858

#1	1889.728	3504.846	44412.49	11200.46	3314.561
#2	1895.101	3514.671	44587.47	11155.14	3306.367
#3	1909.769	3534.951	44773.19	11171.93	3332.314

Sample Name: CCV001 Acquired: 10/09/2019 16:33:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.996871	4.936684	25.01791	4.915069	4.957532	408.0388	10.66306
Stddev	.016435	.013727	.05744	.010707	.003529	8.4261	.03560
%RSD	.3289107	.2780605	.2295795	.2178367	.0711819	2.065028	.3338359

#1	4.979041	4.922481	25.08386	4.921392	4.960872	406.4457	10.68705
#2	5.000154	4.937691	24.97888	4.902707	4.957885	417.1478	10.67996
#3	5.011416	4.949880	24.99099	4.921109	4.953840	400.5230	10.62216

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5139583	2.471578	422.0298	15.51380	2.532826	15.20503	414.3494
Stddev	.0022259	.005159	1.0811	.01953	.005200	.04176	.5357
%RSD	.4330814	.2087413	.2561611	.1258661	.2053221	.2746664	.1292872

#1	.5164196	2.476835	422.3693	15.49302	2.538092	15.21750	413.8001
#2	.5120866	2.466523	422.9004	15.51662	2.527693	15.15846	414.8704
#3	.5133686	2.471376	420.8198	15.53176	2.532692	15.23914	414.3776

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.44372	406.9699	2.530864	1.297561	411.7774	2.560382	14.81021
Stddev	.01705	.5637	.005875	.007290	2.1986	.008987	.03057
%RSD	.1103917	.1385051	.2321262	.5618552	.5339410	.3509877	.2063949

#1	15.43873	406.4620	2.537645	1.291666	413.5796	2.550110	14.77818
#2	15.42973	407.5763	2.527635	1.305713	412.4249	2.566793	14.81336
#3	15.46271	406.8713	2.527313	1.295305	409.3277	2.564242	14.83907

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	153.6856	5.237659	5.110145	4.901075	5.153961	5.121878	5.050406
Stddev	.4071	.017481	.010850	.009083	.011337	.028101	.007784
%RSD	.2649201	.3337641	.2123299	.1853302	.2199636	.5486423	.1541222

#1	154.0220	5.219763	5.122652	4.906772	5.140951	5.153181	5.059393
#2	153.2330	5.238519	5.104540	4.890600	5.161724	5.098827	5.046049
#3	153.8018	5.254694	5.103243	4.905853	5.159207	5.113627	5.045777

Sample Name: CCV001 Acquired: 10/09/2019 16:33:29 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV001 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.151129	5.305871	5.093491
Stddev	.005626	.032406	.083522
%RSD	.1092158	.6107624	1.639776

#1	5.146236	5.320777	5.121796
#2	5.149874	5.328143	5.159182
#3	5.157276	5.268694	4.999495

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1465.591	2768.546	36554.42	9608.873	2637.206
Stddev	14.530	6.954	324.43	73.629	8.655
%RSD	.9914176	.2511964	.8875334	.7662617	.3281947

#1	1460.972	2760.644	36716.94	9578.309	2627.273
#2	1453.932	2773.733	36180.85	9555.447	2643.125
#3	1481.869	2771.262	36765.47	9692.861	2641.221

Sample Name: CCB001 Acquired: 10/09/2019 16:37:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013674	-.001100	.0031756	-.000876	.0002197	.0028457	.0008397
Stddev	.0023351	.000875	.0004518	.002954	.0009180	.0138554	.0007332
%RSD	170.7700	79.55954	14.22598	337.3960	417.8487	486.8874	87.32355

#1	.0028811	-.002037	.0030120	-.002660	-.000463	.0172380	.0011470
#2	.0025430	-.000305	.0028284	-.002501	.001263	.0017009	.0000028
#3	-.001322	-.000957	.0036863	.002534	-.000141	-.010402	.0013692

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000595	-.000083	.0085505	.0004615	.0003074	.0033681	.0285377
Stddev	.0000399	.000057	.0131317	.0001409	.0000026	.0013150	.0030435
%RSD	67.05967	68.53556	153.5791	30.53965	.8532900	39.04220	10.66469

#1	.0000170	-.000058	.0235125	.0004946	.0003044	.0047064	.0308269
#2	.0000654	-.000043	.0032014	.0003069	.0003094	.0020778	.0250839
#3	.0000961	-.000149	-.001063	.0005828	.0003084	.0033200	.0297024

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006583	-.002766	.0002425	-.000432	.0161766	-.002547	.0012269
Stddev	.0002653	.012494	.0003490	.000192	.2035460	.000588	.0001909
%RSD	40.30331	451.7048	143.9170	44.28513	1258.272	23.07011	15.56022

#1	.0007827	.006366	-.000017	-.000269	.1930763	-.003200	.0013815
#2	.0008386	.002340	.000639	-.000643	.0617449	-.002061	.0010135
#3	.0003537	-.017004	.000105	-.000386	-.206291	-.002379	.0012858

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.088979	.0006528	.0053684	.0000126	-.007365	.0008077	-.000187
Stddev	.016987	.0007962	.0003252	.0006006	.003479	.0003542	.000151
%RSD	19.09071	121.9773	6.057813	4749.341	47.23852	43.84783	80.81820

#1	-.070977	.0015144	.0056721	.0006700	-.010507	.0005320	-.000059
#2	-.091235	.0004998	.0054079	-.000125	-.007962	.0012071	-.000354
#3	-.104725	-.000056	.0050253	-.000507	-.003626	.0006839	-.000148

Sample Name: CCB001 Acquired: 10/09/2019 16:37:33 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB001 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0013567	.0013786	.0001783
Stddev	.0007252	.0009549	.0000441
%RSD	53.45738	69.26947	24.75408

#1	.0010517	.0023223	.0001433
#2	.0008337	.0004127	.0002279
#3	.0021845	.0014008	.0001637

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1717.039	3211.383	40149.43	10081.17	3304.279
Stddev	16.217	7.315	192.41	39.53	6.644
%RSD	.9444961	.2277941	.4792246	.3921152	.2010860

#1	1700.816	3203.313	39928.94	10077.04	3296.816
#2	1717.049	3213.257	40283.32	10043.87	3306.467
#3	1733.251	3217.579	40236.02	10122.60	3309.553

Sample Name: K5161-06 Acquired: 10/09/2019 16:41:41 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0GG0 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2882341	-.004105	4.066399	.0026198	-.000404	17.40019	.9642280
Stddev	.0039416	.002794	.015545	.0044123	.002436	.08743	.0051385
%RSD	1.367491	68.05827	.3822886	168.4195	603.2529	.5024586	.5329165

#1	.2837482	-.006907	4.084346	.0003163	.000602	17.31304	.9584305
#2	.2911434	-.004087	4.057702	-.000164	-.003181	17.48790	.9682207
#3	.2898106	-.001320	4.057148	.007707	.001368	17.39962	.9660326

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030668	.0058881	14.32540	.0650594	.0281640	.1356666	109.1163
Stddev	.0000773	.0000588	.10063	.0005159	.0001002	.0019141	.6287
%RSD	2.521637	.9993273	.7024606	.7930009	.3558948	1.410852	.5761396

#1	.0030371	.0059031	14.22194	.0656143	.0282167	.1370810	108.4446
#2	.0031546	.0059380	14.42294	.0645942	.0280484	.1334886	109.6906
#3	.0030088	.0058232	14.33133	.0649697	.0282269	.1364303	109.2136

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.85721	8.472488	.0262790	.0047024	.7527057	.4351984	.4387845
Stddev	.07593	.060620	.0003447	.0004040	.0198718	.0043660	.0049439
%RSD	.6403874	.7154978	1.311499	8.591263	2.640054	1.003218	1.126730

#1	11.77718	8.411376	.0260014	.0051548	.7307890	.4333460	.4352578
#2	11.92824	8.532605	.0266648	.0045748	.7695492	.4401851	.4366602
#3	11.86621	8.473483	.0261709	.0043776	.7577787	.4320639	.4444355

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.517164	2.723201	-.000970	.0408055	17.82033	1.232976	.1585453
Stddev	.040840	.013368	.000416	.0001474	.10928	.026658	.0013638
%RSD	.7402404	.4908788	42.82444	.3611061	.6132580	2.162049	.8602208

#1	5.498321	2.738445	-.001427	.0409520	17.94498	1.202210	.1599139
#2	5.564024	2.717678	-.000613	.0406573	17.74102	1.249188	.1585356
#3	5.489147	2.713480	-.000871	.0408071	17.77497	1.247532	.1571863

Sample Name: K5161-06 Acquired: 10/09/2019 16:41:41 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0GG0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7909521	.0341540	.3458154
Stddev	.0023213	.0000521	.0007512
%RSD	.2934869	.1524314	.2172389

#1	.7884053	.0340939	.3449582
#2	.7929493	.0341814	.3463591
#3	.7915017	.0341866	.3461290

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1859.082	3431.770	43666.07	10907.21	3323.117
Stddev	7.216	11.845	365.08	78.51	11.383
%RSD	.3881254	.3451427	.8360674	.7197734	.3425513

#1	1862.267	3418.094	43760.15	10984.59	3310.064
#2	1864.158	3438.593	43974.91	10827.62	3328.299
#3	1850.822	3438.624	43263.16	10909.42	3330.987

Sample Name: K5161-07 Acquired: 10/09/2019 16:45:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GG1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2544410	.0166814	2.119010	.0013344	.0065693	22.82262
Stddev	.0036312	.0018555	.000618	.0014541	.0011425	.10316
%RSD	1.427118	11.12330	.0291435	108.9708	17.39074	.4520074

#1	.2537679	.0187850	2.118981	.0014578	.0055453	22.70761
#2	.2583617	.0159818	2.119641	.0027229	.0078016	22.85327
#3	.2511935	.0152774	2.118407	-.000177	.0063611	22.90699

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.495103	.0015488	.0092661	27.67550	.0660013	.0555473
Stddev	.005306	.0001456	.0000829	.10193	.0002690	.0002810
%RSD	.3548833	9.401161	.8947480	.3683119	.4075767	.5057810

#1	1.489625	.0014252	.0093507	27.58149	.0662421	.0558155
#2	1.495465	.0017093	.0091849	27.66116	.0660509	.0552551
#3	1.500218	.0015119	.0092627	27.78384	.0657110	.0555712

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.051189	128.7474	F 48.53760	10.08264	.0482571	.0164625
Stddev	.005650	.2141	.13213	.04515	.0002933	.0004345
%RSD	.5374496	.1662972	.2722204	.4477847	.6077437	2.639131

#1	1.044753	128.5313	48.39620	10.03166	.0479373	.0162603
#2	1.055332	128.9594	48.55868	10.11755	.0485134	.0161660
#3	1.053482	128.7515	48.65793	10.09873	.0483207	.0169612

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0510316	.4464318	1.746741	7.942153	6.107722	-.003457
Stddev	.3272039	.0024598	.020357	.040780	.040980	.001813
%RSD	641.1792	.5509964	1.165404	.5134578	.6709474	52.43867

#1	.2521913	.4489542	1.758322	7.929183	6.068246	-.005439
#2	.2274237	.4440397	1.723236	7.987841	6.104863	-.003047
#3	-.326520	.4463014	1.758666	7.909437	6.150056	-.001884

Sample Name: K5161-07 Acquired: 10/09/2019 16:45:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GG1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0200876	1.985411	1.051114	.0435272	1.045921	.0239382
Stddev	.0001554	.001600	.010148	.0015622	.004861	.0005762
%RSD	.7733486	.0805908	.9654327	3.589109	.4647780	2.407190

#1	.0202398	1.984848	1.049363	.0453309	1.040652	.0241367
#2	.0199293	1.987216	1.062023	.0426524	1.050231	.0232889
#3	.0200936	1.984168	1.041955	.0425984	1.046880	.0243889

Elem	Sr4077
Units	ppm
Avg	.2746506
Stddev	.0007378
%RSD	.2686446

#1	.2738433
#2	.2748184
#3	.2752900

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1912.121	3529.162	44904.39	11324.50	3277.574
Stddev	12.801	4.265	90.48	13.82	.357
%RSD	.6694596	.1208561	.2015006	.1220000	.0108863

#1	1908.427	3527.315	44964.64	11328.13	3277.629
#2	1926.363	3534.039	44948.19	11309.24	3277.900
#3	1901.573	3526.131	44800.34	11336.15	3277.193

Sample Name: K5161-08 Acquired: 10/09/2019 16:49:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GG2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2098012	.0021992	.7983607	.0026565	.0016009	58.01572	1.031230
Stddev	.0037085	.0033342	.0024546	.0008300	.0015513	.10770	.002129
%RSD	1.767609	151.6100	.3074564	31.24404	96.90152	.1856384	.2064127

#1	.2066202	.0053220	.8011791	.0022514	.0033919	57.98571	1.031717
#2	.2089091	-.001312	.7966919	.0021067	.0006725	58.13524	1.033074
#3	.2138744	.002588	.7972110	.0036112	.0007384	57.92621	1.028901

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0053614	.0043629	61.51569	.0598861	.0398812	.3015553	89.17416
Stddev	.0000819	.0000328	.12039	.0005553	.0002954	.0010081	.16146
%RSD	1.528339	.7513066	.1957007	.9272603	.7407538	.3343076	.1810654

#1	.0053080	.0043869	61.51457	.0593013	.0400102	.3015333	89.02838
#2	.0054558	.0043762	61.63663	.0604063	.0400902	.3025743	89.34770
#3	.0053205	.0043256	61.39587	.0599508	.0395432	.3005584	89.14640

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.633008	25.81291	.0564795	.0045171	1.297365	.1893627	1.125695
Stddev	.008925	.03455	.0002871	.0003608	.179624	.0013716	.003235
%RSD	.1169246	.1338589	.5083764	7.987144	13.84531	.7243457	.2873856

#1	7.629069	25.77416	.0561629	.0041056	1.473973	.1879513	1.124486
#2	7.643225	25.84052	.0565524	.0046666	1.114869	.1906908	1.123238
#3	7.626731	25.82406	.0567231	.0047791	1.303252	.1894461	1.129360

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.80478	3.145070	.0077623	.0073526	4.411966	2.185351	.0017546
Stddev	.05685	.001006	.0006355	.0002545	.011148	.006946	.0027219
%RSD	.3382794	.0319719	8.186906	3.461170	.2526654	.3178576	155.1258

#1	16.86738	3.144094	.0080420	.0075344	4.421030	2.182479	-.000220
#2	16.79058	3.145014	.0082100	.0074616	4.415350	2.180302	.004860
#3	16.75637	3.146103	.0070349	.0070618	4.399519	2.193273	.000624

Sample Name: K5161-08 Acquired: 10/09/2019 16:49:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GG2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.884036	.0741022	.3301147
Stddev	.004530	.0015235	.0002858
%RSD	.2404453	2.055906	.0865627

#1	1.879009	.0733052	.3303931
#2	1.885299	.0758588	.3298221
#3	1.887801	.0731425	.3301288

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1911.679	3551.160	45059.14	11404.67	3221.565
Stddev	4.499	5.283	411.83	23.41	5.237
%RSD	.2353425	.1487610	.9139752	.2052507	.1625538

#1	1910.749	3547.934	45525.85	11382.93	3215.527
#2	1907.718	3557.256	44746.79	11401.64	3224.877
#3	1916.570	3548.290	44904.78	11429.45	3224.290

Sample Name: K5161-09 Acquired: 10/09/2019 16:53:43 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0GG3 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1972952	.0018003	.5569526	.0007331	.0007185	46.24482	1.642714
Stddev	.0002401	.0028619	.0021548	.0026570	.0024886	.25297	.014568
%RSD	.1216893	158.9705	.3868867	362.4209	346.3772	.5470248	.8868383

#1	.1972893	.0026568	.5592980	-.001026	.0028820	45.96164	1.626219
#2	.1970582	.0041361	.5564993	-.000564	-.002001	46.32437	1.648101
#3	.1975382	-.001392	.5550606	.003790	.001274	46.44845	1.653821

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0037766	.0079474	47.78984	.0516578	.0480826	.2600517	74.94419
Stddev	.0000366	.0001305	.37893	.0001041	.0004106	.0040903	.39919
%RSD	.9690681	1.641606	.7929044	.2015728	.8539676	1.572889	.5326556

#1	.0037918	.0080669	47.36083	.0517337	.0484814	.2564721	74.50629
#2	.0038031	.0078082	47.92982	.0517005	.0481055	.2591732	75.03851
#3	.0037348	.0079672	48.07886	.0515391	.0476611	.2645099	75.28778

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.13744	21.13325	.0552164	.0069238	.8524268	.1954565	.9535384
Stddev	.10154	.13473	.0005047	.0003888	.0688893	.0038772	.0169243
%RSD	.7729067	.6375202	.9139913	5.615854	8.081546	1.983651	1.774898

#1	13.02338	20.97792	.0546339	.0071707	.8503804	.1920114	.9374326
#2	13.17096	21.20334	.0555215	.0064756	.7845835	.1996551	.9520055
#3	13.21799	21.21848	.0554939	.0071252	.9223164	.1947030	.9711770

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.74982	2.632474	.0040312	.0096239	3.397963	1.704594	.0013403
Stddev	.11341	.008219	.0016569	.0001304	.007834	.003865	.0010701
%RSD	.7688681	.3121985	41.10164	1.355397	.2305355	.2267259	79.84021

#1	14.62740	2.623032	.0034092	.0097721	3.406811	1.708621	.0009687
#2	14.77078	2.638026	.0027752	.0095732	3.395166	1.700915	.0005056
#3	14.85129	2.636363	.0059090	.0095264	3.391911	1.704247	.0025466

Sample Name: K5161-09 Acquired: 10/09/2019 16:53:43 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0GG3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.792616	.0548345	.3083171
Stddev	.011590	.0009087	.0007610
%RSD	.6465245	1.657137	.2468101

#1	1.779234	.0542598	.3075328
#2	1.799173	.0543616	.3083661
#3	1.799440	.0558821	.3090524

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1892.893	3523.501	44590.42	11235.62	3245.650
Stddev	21.307	1.984	146.28	35.25	8.805
%RSD	1.125650	.0563173	.3280602	.3136962	.2712958

#1	1910.563	3522.298	44679.71	11273.16	3235.511
#2	1898.885	3525.791	44669.95	11203.23	3250.051
#3	1869.232	3522.413	44421.60	11230.46	3251.386

Sample Name: K5161-10 Acquired: 10/09/2019 16:57:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GG4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3520369	.0330744	1.548522	.0043114	.0146937	9.007079
Stddev	.0030624	.0018959	.006935	.0043088	.0026734	.028207
%RSD	.8699051	5.732258	.4478744	99.93850	18.19384	.3131653

#1	.3528281	.0308885	1.542059	.0000249	.0116621	8.976064
#2	.3486565	.0340620	1.547658	.0086421	.0157060	9.031199
#3	.3546260	.0342726	1.555849	.0042673	.0167131	9.013975

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.996240	-.002833	.0412860	13.69459	.0050805	.0213301
Stddev	.001117	.000089	.0001350	.03622	.0003722	.0003064
%RSD	.0559402	3.142570	.3270583	.2644963	7.325420	1.436286

#1	1.995785	-.002731	.0411949	13.72412	.0049249	.0216058
#2	1.995422	-.002873	.0412219	13.65417	.0055052	.0213842
#3	1.997512	-.002895	.0414411	13.70548	.0048113	.0210003

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3669706	42.79797	F 101.1891	4.980418	.0287307	.3709609
Stddev	.0026097	.03124	1.0805	.018288	.0003440	.0010385
%RSD	.7111498	.0729866	1.067847	.3671942	1.197432	.2799405

#1	.3640399	42.79318	101.5650	4.995782	.0286693	.3697619
#2	.3690432	42.76941	99.9708	4.960190	.0291013	.3715763
#3	.3678287	42.83133	102.0315	4.985283	.0284215	.3715444

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3109255	.1343673	9.407330	5.028470	1.311543	-.004484
Stddev	.3603443	.0024141	.074426	.086779	.004236	.000980
%RSD	115.8941	1.796638	.7911513	1.725754	.3230054	21.86560

#1	-.105083	.1360883	9.391622	4.950133	1.314987	-.004118
#2	.526075	.1316077	9.488356	5.121750	1.312830	-.005595
#3	.511784	.1354058	9.342011	5.013527	1.306813	-.003739

Sample Name: K5161-10 Acquired: 10/09/2019 16:57:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GG4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0892299	4.555810	.9471198	.0021317	.4695529	.0055633
Stddev	.0006868	.003208	.0097002	.0003067	.0024919	.0001909
%RSD	.7696985	.0704223	1.024178	14.38621	.5307007	3.430886
#1	.0884617	4.559351	.9364978	.0018084	.4680556	.0053891
#2	.0894433	4.554984	.9493530	.0024184	.4724295	.0055334
#3	.0897847	4.553096	.9555087	.0021683	.4681736	.0057673

Elem	Sr4077
Units	ppm
Avg	.3370577
Stddev	.0009651
%RSD	.2863226
#1	.3359679
#2	.3378040
#3	.3374013

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1843.882	3417.678	43262.58	10754.17	3285.424
Stddev	8.823	4.502	352.39	34.69	3.488
%RSD	.4784903	.1317222	.8145458	.3226134	.1061614
#1	1841.323	3422.500	43659.25	10724.95	3284.624
#2	1836.621	3413.586	42985.68	10792.51	3289.243
#3	1853.701	3416.948	43142.83	10745.05	3282.406

Sample Name: K5161-11 Acquired: 10/09/2019 17:01:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GG5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3910436	.1397836	3.081487	.0340186	.0087735	8.353280
Stddev	.0085510	.0030736	.008097	.0052312	.0044284	.019045
%RSD	2.186709	2.198789	.2627574	15.37748	50.47471	.2279898

#1	.3955920	.1398604	3.072165	.0329475	.0130905	8.370354
#2	.3963591	.1428180	3.086763	.0294058	.0089885	8.356744
#3	.3811797	.1366723	3.085533	.0397025	.0042415	8.332741

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.804145	-.016619	.0795484	22.22933	-.004058	.0240241
Stddev	.005911	.000277	.0000486	.07778	.001025	.0001948
%RSD	.3276114	1.668844	.0611045	.3498810	25.24593	.8107429

#1	1.808420	-.016400	.0795399	22.25837	-.005239	.0237995
#2	1.797400	-.016526	.0795045	22.14121	-.003396	.0241470
#3	1.806615	-.016931	.0796006	22.28841	-.003541	.0241258

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2148003	46.01436	F 306.4205	3.482245	.0301375	.0701665
Stddev	.0028095	.14986	3.2626	.022796	.0006219	.0003027
%RSD	1.307949	.3256897	1.064749	.6546462	2.063649	.4314353

#1	.2135815	46.11185	307.0241	3.500927	.0308461	.0700826
#2	.2180133	45.84180	302.8982	3.456845	.0296823	.0699146
#3	.2128060	46.08943	309.3391	3.488964	.0298842	.0705023

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5107133	.1946701	29.45428	4.479261	1.598778	-.008608
Stddev	.2922871	.0035156	.12492	.021455	.008666	.000272
%RSD	57.23115	1.805946	.4241110	.4789905	.5420629	3.156306

#1	.1998133	.1946071	29.57534	4.485781	1.594850	-.008833
#2	.7799071	.1911864	29.46166	4.496699	1.592771	-.008306
#3	.5524195	.1982168	29.32583	4.455302	1.608713	-.008686

Sample Name: K5161-11 Acquired: 10/09/2019 17:01:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GG5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2958963	4.550705	1.368341	.0001801	.1334110	-.000320
Stddev	.0001496	.004138	.008935	.0008100	.0003465	.000735
%RSD	.0505734	.0909357	.6530123	449.7087	.2597352	229.5937

#1	.2960544	4.552156	1.378440	-.000210	.1334650	-.001028
#2	.2957568	4.553922	1.361461	.001111	.1337273	-.000372
#3	.2958778	4.546036	1.365124	-.000361	.1330406	.000440

Elem	Sr4077
Units	ppm
Avg	.4286146
Stddev	.0010004
%RSD	.2334050

#1	.4280334
#2	.4297698
#3	.4280407

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1882.181	3500.694	43550.89	11020.26	3203.425
Stddev	6.318	4.078	188.13	38.06	5.722
%RSD	.3356702	.1164953	.4319767	.3453283	.1786301

#1	1875.555	3496.424	43639.00	11002.14	3205.888
#2	1882.850	3504.548	43334.88	11064.00	3207.503
#3	1888.137	3501.110	43678.79	10994.66	3196.884

Sample Name: K5161-12 Acquired: 10/09/2019 17:06:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GG6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k 3.181593	k 2.916257	k 14.16982	k 1.022095	k .0849741	k 16.49813
Stddev	.005438	.017967	.01695	.005553	.0002057	.04608
%RSD	.1709103	.6161074	.1196309	.5432698	.2420528	.2793205

#1	k 3.183947	k 2.936750	k 14.17201	k 1.026149	k .0851500	k 16.45548
#2	k 3.175375	k 2.903210	k 14.15188	k 1.015766	k .0850243	k 16.49191
#3	k 3.185456	k 2.908810	k 14.18557	k 1.024371	k .0847479	k 16.54701

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.88394	-.112046	k .5237119	k 90.19878	k .4793264	.1831256
Stddev	.06059	.000425	.0006333	.59494	.0054201	.0003818
%RSD	.5566488	.3790802	.1209190	.6595891	1.130774	.2084685

#1	10.92321	-.111731	k .5237797	k 90.03733	k .4854730	.1827791
#2	10.81416	-.111877	k .5230475	k 89.70123	k .4752323	.1835349
#3	10.91444	-.112529	k .5243086	k 90.85779	k .4772738	.1830629

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .4987409	k 333.1601	^ *****	10.20234	.1274050	k .2756232
Stddev	.0015854	2.0964	-----	.02567	.0009219	.0037486
%RSD	.3178800	.6292516	-----	.2515663	.7235944	1.360061

#1	k .4969104	k 332.1569	^ -----	10.19991	.1284000	k .2799514
#2	k .4996320	k 331.7538	^ -----	10.22913	.1265797	k .2735081
#3	k .4996802	k 335.5696	^ -----	10.17798	.1272352	k .2734101

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k 5.442545	kF -2.36206	kF 121.1295	21.74954	kF 13.27791	k -.817186
Stddev	.206709	.01992	.4976	.04294	.08793	.004990
%RSD	3.798016	.8432104	.4107775	.1974320	.6621982	.6105763

#1	k 5.423660	k -2.35738	k 121.2087	21.70062	k 13.37938	k -.815795
#2	k 5.245927	k -2.38390	k 121.5827	21.76700	k 13.22429	k -.813039
#3	k 5.658049	k -2.34489	k 120.5971	21.78101	k 13.23005	k -.822723

Sample Name: K5161-12 Acquired: 10/09/2019 17:06:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GG6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.476093	k 26.89866	25.21083	-.003619	.9011374	.0234635
Stddev	.003012	.12006	.24997	.002162	.0039220	.0014138
%RSD	.1216600	.4463374	.9915350	59.72234	.4352287	6.025495

#1	2.474902	k 27.02959	25.06625	-.001225	.9005903	.0234110
#2	2.473858	k 26.79374	25.06678	-.005428	.8975177	.0220767
#3	2.479519	k 26.87265	25.49948	-.004205	.9053042	.0249028

Elem	Sr4077
Units	ppm
Avg	2.167272
Stddev	.002886
%RSD	.1331580

#1	2.164180
#2	2.169894
#3	2.167743

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1903.787	3502.225	41543.82	10942.29	2713.727
Stddev	11.620	5.568	220.72	57.59	6.819
%RSD	.6103876	.1589876	.5312834	.5262672	.2512654

#1	1893.969	3497.436	41304.97	10906.86	2705.860
#2	1900.774	3508.335	41586.26	11008.74	2717.945
#3	1916.617	3500.905	41740.23	10911.28	2717.376

Sample Name: K5161-13 Acquired: 10/09/2019 17:10:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GG7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.118084	.0206199	33.58649	.0250627	.0090521	22.49335
Stddev	.004015	.0025116	.02857	.0029189	.0010443	.07441
%RSD	.3590687	12.18036	.0850522	11.64631	11.53652	.3307959

#1	1.113645	.0213662	33.60907	.0220715	.0078847	22.43468
#2	1.121461	.0178197	33.59603	.0279035	.0093741	22.57704
#3	1.119147	.0226737	33.55438	.0252132	.0098975	22.46831

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7631104	.0029975	.1965107	21.10470	.0275518	.0299371
Stddev	.0038378	.0001532	.0000208	.12552	.0001064	.0003948
%RSD	.5029134	5.109196	.0105939	.5947281	.3862796	1.318931

#1	.7633724	.0028894	.1965322	21.11492	.0274358	.0302669
#2	.7668105	.0031728	.1964906	21.22479	.0275748	.0300450
#3	.7591483	.0029305	.1965092	20.97438	.0276448	.0294996

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7579459	94.07574	F 59.54205	10.02582	.0275059	.1435610
Stddev	.0030844	.37031	.42793	.04907	.0002759	.0001591
%RSD	.4069362	.3936311	.7186962	.4894606	1.003199	.1108564

#1	.7566475	93.85396	59.48886	9.97586	.0278210	.1437203
#2	.7614672	94.50324	59.99409	10.07396	.0273897	.1435608
#3	.7557231	93.87003	59.14321	10.02763	.0273072	.1434020

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3550824	.2608635	27.23732	8.011490	5.743312	-.004748
Stddev	.2207982	.0030635	.25822	.068880	.007050	.001225
%RSD	62.18224	1.174368	.9480278	.8597651	.1227581	25.80183

#1	.5636842	.2643484	27.17673	7.986183	5.748491	-.003658
#2	.1238334	.2596467	27.01479	7.958843	5.746163	-.006074
#3	.3777298	.2585952	27.52044	8.089443	5.735283	-.004512

Sample Name: K5161-13 Acquired: 10/09/2019 17:10:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GG7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1330198	41.53898	2.895868	.0046020	.7835292	.0158754
Stddev	.0007857	.08549	.034620	.0017605	.0013271	.0027339
%RSD	.5906791	.2058083	1.195487	38.25466	.1693703	17.22078

#1	.1330001	41.63142	2.885327	.0025870	.7821441	.0163497
#2	.1322441	41.46276	2.934532	.0058419	.7836543	.0183412
#3	.1338151	41.52277	2.867743	.0053772	.7847894	.0129355

Elem	Sr4077
Units	ppm
Avg	.2015219
Stddev	.0002589
%RSD	.1284714

#1	.2013048
#2	.2014524
#3	.2018084

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1945.945	3579.416	45552.11	11371.91	3277.283
Stddev	13.076	4.462	181.21	90.53	1.465
%RSD	.6719619	.1246631	.3978029	.7961145	.0447066

#1	1945.309	3580.211	45540.60	11392.01	3277.458
#2	1959.328	3583.428	45738.80	11273.01	3278.652
#3	1933.199	3574.610	45376.94	11450.70	3275.738

Sample Name: K5161-17 Acquired: 10/09/2019 17:14:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GG9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.131301	.1339662	18.15607	.0309788	.0068316	16.28410
Stddev	.005878	.0008813	.03237	.0061205	.0010327	.02686
%RSD	.5196193	.6578576	.1782746	19.75706	15.11663	.1649357

#1	1.125912	.1342106	18.18646	.0299353	.0067576	16.29526
#2	1.130423	.1346996	18.12203	.0254471	.0078993	16.30358
#3	1.137570	.1329885	18.15970	.0375539	.0058378	16.25346

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7052538	-.011036	.0283415	16.70485	-.006975	.0187642
Stddev	.0025364	.000158	.0000924	.05203	.000213	.0002316
%RSD	.3596465	1.430966	.3261972	.3114392	3.046782	1.234525

#1	.7050534	-.011145	.0283769	16.66738	-.006748	.0189032
#2	.7078845	-.011107	.0284110	16.76425	-.007170	.0188926
#3	.7028236	-.010854	.0282366	16.68291	-.007006	.0184967

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5695472	110.8104	F 235.0704	6.345576	.0161612	.2904075
Stddev	.0036830	.1631	.6020	.048579	.0003001	.0010280
%RSD	.6466548	.1471730	.2560972	.7655558	1.856912	.3539923

#1	.5707215	110.7015	234.4948	6.389390	.0162117	.2903956
#2	.5724999	110.9979	235.0207	6.354003	.0158391	.2893855
#3	.5654203	110.7317	235.6958	6.293335	.0164329	.2914415

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0978245	.2721037	7.460526	11.60324	2.672981	-.011681
Stddev	.2829675	.0066032	.074225	.09845	.003847	.001233
%RSD	289.2603	2.426725	.9948995	.8484749	.1439057	10.55965

#1	.4195882	.2747756	7.504047	11.69853	2.677356	-.012564
#2	-.013847	.2645832	7.374822	11.60928	2.670129	-.012207
#3	-.112268	.2769522	7.502709	11.50190	2.671458	-.010271

Sample Name: K5161-17 Acquired: 10/09/2019 17:14:12 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0GG9 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1088911	21.33477	2.329222	.0023863	.2489438	.0069979
Stddev	.0013105	.01872	.003428	.0009149	.0011664	.0011468
%RSD	1.203516	.0877358	.1471559	38.34058	.4685280	16.38749
#1	.1075751	21.35519	2.327610	.0013334	.2498393	.0082077
#2	.1089022	21.31843	2.333159	.0029874	.2493674	.0068591
#3	.1101961	21.33069	2.326898	.0028382	.2476249	.0059268

Elem	Sr4077
Units	ppm
Avg	.3468891
Stddev	.0003847
%RSD	.1109112
#1	.3472223
#2	.3469769
#3	.3464680

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1966.460	3645.749	45442.40	11408.94	3201.002
Stddev	13.784	4.252	244.51	18.43	8.846
%RSD	.7009661	.1166358	.5380638	.1615561	.2763472
#1	1957.033	3650.624	45321.66	11396.78	3190.841
#2	1982.280	3643.817	45723.79	11399.90	3205.173
#3	1960.068	3642.805	45281.74	11430.15	3206.990

Sample Name: K5161-18 Acquired: 10/09/2019 17:18:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GH0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7950961	.0241663	9.562144	.0239590	.0101962	18.98656
Stddev	.0036983	.0044757	.019951	.0061811	.0033799	.08959
%RSD	.4651424	18.52018	.2086487	25.79888	33.14875	.4718764

#1	.7910582	.0226900	9.539319	.0299155	.0094933	19.02233
#2	.7983189	.0206153	9.570851	.0243860	.0072230	19.05275
#3	.7959112	.0291936	9.576262	.0175754	.0138723	18.88461

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8802626	.0004413	.0195251	17.60988	.0162303	.0251596
Stddev	.0076520	.0000585	.0000842	.16498	.0007269	.0002429
%RSD	.8692909	13.25038	.4310903	.9368766	4.478924	.9653278

#1	.8839356	.0003971	.0194804	17.65995	.0170553	.0248861
#2	.8853857	.0004191	.0194727	17.74402	.0156838	.0252426
#3	.8714665	.0005076	.0196222	17.42566	.0159517	.0253502

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3354235	91.54189	F 62.52367	9.269737	.0233460	.1330079
Stddev	.0029689	.61570	.50289	.060465	.0005414	.0016356
%RSD	.8851219	.6725833	.8043228	.6522799	2.319112	1.229722

#1	.3388292	91.52217	61.94724	9.283383	.0231907	.1348930
#2	.3340600	92.16721	62.75111	9.322212	.0239481	.1321655
#3	.3333812	90.93629	62.87268	9.203615	.0228992	.1319652

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6176438	.1925518	3.790909	11.20935	2.859186	-.003586
Stddev	.3855976	.0025884	.025946	.08843	.005725	.000540
%RSD	62.43041	1.344246	.6844229	.7888614	.2002316	15.04610

#1	.4131356	.1903623	3.820789	11.30199	2.854783	-.004145
#2	.3773811	.1918847	3.774087	11.12585	2.865658	-.003544
#3	1.062415	.1954084	3.777850	11.20021	2.857118	-.003068

Sample Name: K5161-18 Acquired: 10/09/2019 17:18:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GH0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5082757	8.959068	1.729357	.0058938	.7345407	.0200423
Stddev	.0005073	.013285	.019072	.0014862	.0010952	.0016590
%RSD	.0998103	.1482882	1.102854	25.21554	.1491011	8.277278

#1	.5083907	8.968621	1.743830	.0075110	.7357285	.0183202
#2	.5087157	8.964687	1.736495	.0045881	.7335709	.0216299
#3	.5077208	8.943897	1.707745	.0055822	.7343226	.0201769

Elem	Sr4077
Units	ppm
Avg	.7507548
Stddev	.0011671
%RSD	.1554533

#1	.7503861
#2	.7520617
#3	.7498167

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1903.425	3543.146	44462.03	11208.23	3272.781
Stddev	13.047	4.738	432.50	59.44	3.764
%RSD	.6854343	.1337112	.9727433	.5303202	.1150032

#1	1888.438	3537.697	43978.04	11190.51	3276.719
#2	1912.239	3546.288	44810.68	11159.66	3272.403
#3	1909.599	3545.454	44597.37	11274.51	3269.220

Sample Name: K5161-19 Acquired: 10/09/2019 17:22:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GH1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4908522	.0152344	1.335011	.0422890	.0079093	47.49792
Stddev	.0036550	.0009807	.001118	.0037357	.0032392	.63854
%RSD	.7446141	6.437271	.0837169	8.833719	40.95370	1.344348

#1	.4916239	.0154645	1.334647	.0390837	.0060652	46.94590
#2	.4868731	.0141591	1.336265	.0463917	.0060133	47.35062
#3	.4940597	.0160795	1.334120	.0413918	.0116495	48.19723

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.558112	.0050464	.0075911	31.79655	.0558916	.0530492
Stddev	.016630	.0000873	.0001255	.33538	.0007879	.0002764
%RSD	1.067303	1.730294	1.653265	1.054783	1.409732	.5210360

#1	1.544961	.0050685	.0074664	31.58594	.0555077	.0533525
#2	1.552570	.0051205	.0075897	31.62040	.0567979	.0529836
#3	1.576805	.0049502	.0077173	32.18330	.0553692	.0528115

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5432742	104.7183	F 31.40865	27.43930	.0708116	.0381487
Stddev	.0057972	1.1034	.35801	.31404	.0012661	.0004714
%RSD	1.067085	1.053706	1.139849	1.144494	1.788030	1.235725

#1	.5423863	103.9427	31.14839	27.20826	.0694856	.0386748
#2	.5379722	104.2307	31.26062	27.31277	.0709411	.0377645
#3	.5494642	105.9816	31.81694	27.79687	.0720079	.0380069

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9256488	.2436608	2.301680	21.42135	4.873073	-.000953
Stddev	.2815855	.0051320	.010374	.23931	.005169	.001290
%RSD	30.42033	2.106211	.4507289	1.117137	.1060776	135.3431

#1	1.231494	.2390254	2.290727	21.25314	4.875987	-.000320
#2	.677153	.2427813	2.311358	21.31560	4.876127	-.002437
#3	.868300	.2491758	2.302954	21.69532	4.867104	-.000102

Sample Name: K5161-19 Acquired: 10/09/2019 17:22:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GH1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0419341	14.40962	2.175882	.0044224	2.869338	.0819527
Stddev	.0005208	.04210	.025577	.0014914	.039561	.0006783
%RSD	1.241975	.2921315	1.175469	33.72302	1.378736	.8276103

#1	.0415840	14.42284	2.169930	.0035870	2.837122	.0816951
#2	.0416858	14.44352	2.153806	.0035359	2.857399	.0814411
#3	.0425326	14.36250	2.203910	.0061442	2.913493	.0827221

Elem	Sr4077
Units	ppm
Avg	.3639245
Stddev	.0041391
%RSD	1.137351

#1	.3609643
#2	.3621549
#3	.3686542

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1961.234	3635.710	46270.41	11490.13	3248.040
Stddev	13.289	5.173	281.33	76.26	5.443
%RSD	.6775901	.1422913	.6080138	.6636734	.1675820

#1	1962.090	3636.453	46087.84	11568.41	3253.091
#2	1947.537	3630.205	46129.00	11485.91	3242.275
#3	1974.074	3640.471	46594.39	11416.08	3248.754

Sample Name: K5161-20 Acquired: 10/09/2019 17:26:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GH2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2659314	.0111688	.6417661	.0239181	.0035648	22.03244	.8282336
Stddev	.0065317	.0024902	.0007217	.0024439	.0022736	.13538	.0086494
%RSD	2.456172	22.29565	.1124601	10.21756	63.78103	.6144686	1.044321

#1	.2716776	.0139657	.6412881	.0266970	.0010140	21.89698	.8196806
#2	.2672890	.0103484	.6425963	.0221036	.0043019	22.03259	.8280440
#3	.2588275	.0091924	.6414138	.0229536	.0053784	22.16775	.8369763

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019322	.0072363	22.31707	.0229042	.0287738	.2403891	71.13709
Stddev	.0000604	.0000667	.24499	.0006404	.0004869	.0002474	.51218
%RSD	3.128525	.9216419	1.097787	2.795783	1.692192	.1029055	.7199924

#1	.0018712	.0072243	22.09182	.0233713	.0291744	.2401110	70.58128
#2	.0019332	.0071764	22.28148	.0221742	.0289152	.2405846	71.23997
#3	.0019921	.0073082	22.57791	.0231671	.0282319	.2404718	71.59003

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	29.75592	12.63062	.0385228	.0192380	.3794866	.1640455	1.092226
Stddev	.28078	.09547	.0003707	.0002002	.1316881	.0026818	.005955
%RSD	.9436167	.7558874	.9622787	1.040702	34.70165	1.634786	.5452438

#1	29.45904	12.52551	.0388616	.0194578	.5175866	.1645541	1.086481
#2	29.79150	12.65437	.0381268	.0190660	.2553180	.1611458	1.098372
#3	30.01722	12.71198	.0385798	.0191901	.3655553	.1664365	1.091825

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.563568	2.789216	.0051003	.0509690	7.661630	1.937577	.0052197
Stddev	.017680	.001870	.0022906	.0007294	.021833	.015598	.0016929
%RSD	.1848688	.0670579	44.91061	1.431166	.2849620	.8050331	32.43232

#1	9.543644	2.787056	.0026735	.0515319	7.636813	1.935448	.0039509
#2	9.577385	2.790274	.0072246	.0501449	7.670197	1.923152	.0045664
#3	9.569674	2.790317	.0054029	.0512302	7.677879	1.954130	.0071419

Sample Name: K5161-20 Acquired: 10/09/2019 17:26:27 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0GH2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.452016	.0327663	.2805520
Stddev	.007874	.0010858	.0004826
%RSD	.5423008	3.313675	.1720336

#1	1.444314	.0340042	.2806942
#2	1.451681	.0323197	.2809476
#3	1.460052	.0319751	.2800143

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1889.946	3523.865	44460.24	11135.18	3308.910
Stddev	8.735	9.687	333.18	75.32	5.636
%RSD	.4621597	.2748888	.7493776	.6764280	.1703393

#1	1882.834	3530.660	44315.39	11190.87	3314.838
#2	1887.310	3528.162	44224.01	11165.19	3308.272
#3	1899.695	3512.773	44841.32	11049.48	3303.620

Sample Name: K5161-21 Acquired: 10/09/2019 17:30:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GH3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6849788	.0440078	.9989613	.0069646	.0215979	43.78294
Stddev	.0029499	.0019318	.0017089	.0062733	.0017930	.18294
%RSD	.4306633	4.389733	.1710664	90.07449	8.301929	.4178377

#1	.6865513	.0447594	.9971096	-.000208	.0236283	43.57420
#2	.6815758	.0418131	1.000478	.011430	.0202318	43.85922
#3	.6868095	.0454508	.999297	.009672	.0209337	43.91540

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.714720	.0008450	.0074820	29.44477	.0476753	.0722172
Stddev	.003732	.0000342	.0001464	.04316	.0002628	.0004069
%RSD	.2176474	4.047257	1.956791	.1465690	.5511547	.5634082

#1	1.711751	.0008806	.0074375	29.44890	.0478142	.0723709
#2	1.718909	.0008419	.0076455	29.48571	.0478395	.0717559
#3	1.713500	.0008125	.0073630	29.39970	.0473722	.0725249

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3810008	160.6544	F 110.0563	28.10913	.0751901	.0666563
Stddev	.0012236	.4053	.7706	.07015	.0012992	.0002626
%RSD	.3211555	.2522552	.7002242	.2495556	1.727896	.3939190

#1	.3797556	160.2358	109.6975	28.03085	.0759032	.0668085
#2	.3822017	161.0449	110.9409	28.16630	.0736905	.0663531
#3	.3810450	160.6824	109.5305	28.13023	.0759767	.0668073

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3924025	.4134139	2.284309	22.52745	5.238506	-.005531
Stddev	.0602374	.0025669	.019492	.03729	.021651	.000840
%RSD	15.35091	.6209086	.8533214	.1655434	.4133009	15.18297

#1	.3918336	.4129138	2.297264	22.50001	5.228552	-.005479
#2	.4529223	.4161941	2.293770	22.51243	5.263343	-.006395
#3	.3324516	.4111338	2.261891	22.56991	5.223622	-.004718

Sample Name: K5161-21 Acquired: 10/09/2019 17:30:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GH3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1112779	2.296419	2.180994	.0018644	4.281689	.1007450
Stddev	.0004689	.007578	.010361	.0004344	.019351	.0012216
%RSD	.4213731	.3299993	.4750653	23.29636	.4519417	1.212587
#1	.1117979	2.296143	2.190112	.0013644	4.261634	.1011153
#2	.1108872	2.288982	2.183142	.0020808	4.300249	.1017386
#3	.1111486	2.304131	2.169727	.0021481	4.283185	.0993810

Elem	Sr4077
Units	ppm
Avg	.8800162
Stddev	.0034228
%RSD	.3889508
#1	.8773125
#2	.8788714
#3	.8838647

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1939.727	3570.496	45337.77	11401.00	3204.684
Stddev	12.074	4.319	169.05	36.31	2.604
%RSD	.6224566	.1209506	.3728713	.3185040	.0812586
#1	1934.549	3572.997	45147.79	11420.20	3207.148
#2	1931.105	3572.982	45471.61	11359.12	3204.943
#3	1953.526	3565.509	45393.91	11423.69	3201.959

Sample Name: K5161-22 Acquired: 10/09/2019 17:34:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GH4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6135738	.0439807	1.540532	.0029320	.0329237	43.55663
Stddev	.0059197	.0023838	.005503	.0016952	.0006297	.11043
%RSD	.9647907	5.420178	.3571879	57.81803	1.912727	.2535420

#1	.6081776	.0429480	1.544834	.0028354	.0322510	43.43335
#2	.6126384	.0467068	1.534332	.0046735	.0334991	43.59003
#3	.6199056	.0422874	1.542431	.0012871	.0330210	43.64651

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.230004	.0039123	.0085227	25.48857	.0334674	.0615444
Stddev	.003355	.0000956	.0001956	.11955	.0003759	.0003550
%RSD	.2727973	2.444350	2.295238	.4690450	1.123088	.5768028

#1	1.226555	.0039474	.0087103	25.37081	.0336749	.0618946
#2	1.230199	.0038041	.0085379	25.48506	.0336939	.0615537
#3	1.233257	.0039855	.0083200	25.60983	.0330336	.0611848

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4805836	121.6705	F 87.73575	19.28847	.0850377	.0886209
Stddev	.0008868	.4462	1.03111	.11519	.0008172	.0000595
%RSD	.1845247	.3667078	1.175243	.5972090	.9609462	.0670926

#1	.4799240	121.1720	86.78246	19.16569	.0844227	.0886896
#2	.4802351	121.8071	87.59465	19.30555	.0847254	.0885855
#3	.4815917	122.0324	88.83015	19.39417	.0859649	.0885876

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5200368	.2609166	2.880753	17.95397	3.120007	-.004489
Stddev	.2500320	.0053780	.014534	.03355	.010100	.001370
%RSD	48.07968	2.061197	.5045142	.1868545	.3237084	30.51602

#1	.2316393	.2548027	2.864193	17.92800	3.119816	-.005742
#2	.6525653	.2649158	2.891389	17.99184	3.110004	-.003026
#3	.6759057	.2630314	2.886677	17.94205	3.130200	-.004698

Sample Name: K5161-22 Acquired: 10/09/2019 17:34:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GH4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0827322	5.899996	3.648214	.0039944	1.196215	.0613258
Stddev	.0001706	.019570	.008606	.0007487	.004872	.0008992
%RSD	.2062169	.3317029	.2358884	18.74313	.4073045	1.466230
#1	.0829290	5.912497	3.647040	.0035977	1.190589	.0603029
#2	.0826413	5.877442	3.640255	.0035276	1.199024	.0616828
#3	.0826262	5.910049	3.657346	.0048579	1.199032	.0619916

Elem	Sr4077
Units	ppm
Avg	1.096182
Stddev	.001877
%RSD	.1712425
#1	1.094083
#2	1.097701
#3	1.096760

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1945.292	3641.384	45579.63	11433.14	3216.540
Stddev	6.563	8.003	70.80	52.54	10.508
%RSD	.3373906	.2197860	.1553405	.4595819	.3266754
#1	1946.304	3647.153	45518.99	11446.17	3222.391
#2	1951.290	3644.752	45562.45	11477.93	3222.820
#3	1938.281	3632.247	45657.44	11375.30	3204.409

Sample Name: PB123802BL Acquired: 10/09/2019 17:38:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS802 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015315	.0005009	.0033819	-.001973	-.000794	-.004634	.0007642
Stddev	.0030660	.0026529	.0013581	.001727	.000635	.003864	.0000972
%RSD	200.1884	529.6739	40.15819	87.53318	79.97681	83.38304	12.71934

#1	.0048349	.0010087	.0045206	-.001601	-.000582	-.002696	.0007036
#2	.0009824	.0028632	.0018788	-.000462	-.001509	-.009083	.0008763
#3	-.001223	-.002369	.0037462	-.003856	-.000293	-.002122	.0007126

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000667	-.000062	-.005886	-.000136	.0003174	.0037924	.0173485
Stddev	.0000226	.000026	.009405	.000167	.0000567	.0019720	.0080230
%RSD	33.83957	42.74952	159.8001	122.8986	17.87482	51.99901	46.24605

#1	.0000417	-.000056	-.013779	-.000094	.0002705	.0059760	.0252672
#2	.0000727	-.000090	-.008399	-.000320	.0003012	.0021413	.0092251
#3	.0000857	-.000038	.004521	.000006	.0003805	.0032600	.0175531

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062612	.0071365	.0001482	-.000524	-.328755	-.002405	.0019033
Stddev	.0016057	.0140298	.0002398	.000236	.037361	.000959	.0012494
%RSD	25.64519	196.5913	161.8121	45.06355	11.36434	39.86254	65.64658

#1	.0079813	.0062507	-.000025	-.000663	-.348724	-.003510	.0033335
#2	.0060003	.0215882	.000048	-.000251	-.351888	-.001804	.0013521
#3	.0048019	-.006429	.000422	-.000657	-.285653	-.001900	.0010243

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.205242	.0028175	-.006705	-.000080	-.008827	.0031315	-.001928
Stddev	.104914	.0008423	.000437	.000364	.003260	.0010675	.000975
%RSD	51.11741	29.89713	6.521616	452.5140	36.93381	34.08901	50.55560

#1	-.092967	.0024575	-.007069	-.000233	-.007459	.0042328	-.001116
#2	-.300784	.0037800	-.006220	.000335	-.006474	.0021013	-.003009
#3	-.221974	.0022149	-.006827	-.000343	-.012548	.0030605	-.001659

Sample Name: PB123802BL Acquired: 10/09/2019 17:38:42 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBS802 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0017015	-.004559	.0000912
Stddev	.0006905	.000726	.0000877
%RSD	40.58288	15.92548	96.22888

#1	.0024664	-.004218	.0001146
#2	.0015142	-.005393	.0001648
#3	.0011240	-.004066	-.000006

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1716.336	3208.849	40058.25	9908.567	3300.577
Stddev	14.084	9.715	181.17	71.192	5.156
%RSD	.8205895	.3027631	.4522788	.7184879	.1562129

#1	1732.574	3197.907	40126.74	9826.593	3294.701
#2	1709.000	3212.176	40195.21	9954.884	3304.342
#3	1707.433	3216.463	39852.82	9944.225	3302.689

Sample Name: PB123802BS Acquired: 10/09/2019 17:42:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS802 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0234144	.0543565	.0224708	.0784630	.1250724	.4083261
Stddev	.0009608	.0009952	.0003810	.0014233	.0006968	.0006870
%RSD	4.103598	1.830854	1.695697	1.813937	.5571229	.1682572

#1	.0240248	.0540169	.0225323	.0768311	.1243677	.4091177
#2	.0239116	.0554770	.0228174	.0791111	.1257611	.4078842
#3	.0223069	.0535754	.0220628	.0794469	.1250885	.4079765

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4283211	.0111977	.0102849	11.12358	.0228457	.1000790
Stddev	.0018411	.0000960	.0000580	.04058	.0002664	.0001230
%RSD	.4298458	.8575660	.5638288	.3647867	1.165917	.1228560

#1	.4286665	.0111102	.0102351	11.09993	.0225759	.1002187
#2	.4263317	.0113005	.0103485	11.10037	.0228528	.1000309
#3	.4299650	.0111824	.0102711	11.17043	.0231084	.0999873

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0483014	.2327016	.0368313	10.57581	.0844153	.0216612
Stddev	.0025798	.0078448	.0005603	.05763	.0000379	.0006169
%RSD	5.340999	3.371182	1.521293	.5448893	.0448739	2.847944

#1	.0489196	.2328684	.0374727	10.58539	.0844583	.0221712
#2	.0505159	.2247748	.0365845	10.51400	.0844006	.0218368
#3	.0454687	.2404617	.0364369	10.62805	.0843869	.0209755

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.25270	.1065849	.1194153	8.925290	.0221653	F .0231872
Stddev	.23665	.0023482	.0009458	.044489	.0021353	.0001663
%RSD	2.308176	2.203160	.7920536	.4984544	9.633401	.7172853

#1	10.01228	.1042324	.1205049	8.883624	.0218678	.0233532
#2	10.26043	.1089288	.1189352	8.920100	.0201944	.0230206
#3	10.48539	.1065934	.1188058	8.972146	.0244338	.0231879

Sample Name: PB123802BS Acquired: 10/09/2019 17:42:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS802 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0197255	.1768270	.2235417	.0131047	.2007461	F .0783443
Stddev	.0004080	.0038297	.0039046	.0012258	.0002340	.0003722
%RSD	2.068599	2.165788	1.746711	9.353745	.1165535	.4751063

#1	.0195164	.1803091	.2261230	.0131242	.2005686	.0782747
#2	.0201957	.1727253	.2190497	.0118692	.2006584	.0787463
#3	.0194645	.1774467	.2254525	.0143205	.2010112	.0780117

Elem	Sr4077
Units	ppm
Avg	.1995713
Stddev	.0002094
%RSD	.1049125

#1	.1993600
#2	.1995751
#3	.1997787

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1824.863	3368.771	42210.30	10296.05	3485.487
Stddev	14.120	4.688	333.92	39.36	4.007
%RSD	.7737357	.1391709	.7910931	.3822569	.1149558

#1	1815.233	3373.349	41897.97	10275.64	3489.647
#2	1818.284	3368.984	42170.66	10341.42	3485.161
#3	1841.071	3363.979	42562.28	10271.09	3481.653

Sample Name: K5244-14 Acquired: 10/09/2019 17:46:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0B43 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.637740	.0058179	1.445332	-.000300	.1111168	38.17565	1.281300
Stddev	.007981	.0019031	.001530	.002969	.0048570	.20069	.010970
%RSD	.1415562	32.71094	.1058891	990.4492	4.371114	.5256935	.8561286

#1	5.646130	.0068209	1.444243	.002585	.1104320	37.95418	1.268670
#2	5.636846	.0036231	1.447082	-.003346	.1066385	38.22733	1.286778
#3	5.630245	.0070096	1.444672	-.000138	.1162799	38.34545	1.288451

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021090	.0095381	15.07840	.0106016	.0524532	.2673619	114.2907
Stddev	.0000411	.0000087	.11256	.0006416	.0001875	.0015698	.7986
%RSD	1.948978	.0913765	.7464817	6.052296	.3573594	.5871593	.6987395

#1	.0021555	.0095388	14.96090	.0112105	.0523898	.2676523	113.4780
#2	.0020938	.0095291	15.08905	.0099316	.0523056	.2656671	114.3196
#3	.0020776	.0095465	15.18526	.0106626	.0526641	.2687662	115.0744

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.57778	23.72266	.0207523	.1260418	-.130152	.2112914	2.453297
Stddev	.15138	.19670	.0005382	.0005256	.092036	.0025625	.013302
%RSD	.7015338	.8291709	2.593321	.4169720	70.71467	1.212776	.5422214

#1	21.42378	23.54684	.0201390	.1255795	-.082912	.2089809	2.456817
#2	21.58320	23.68604	.0209720	.1259325	-.071327	.2108457	2.438588
#3	21.72638	23.93510	.0211458	.1266134	-.236215	.2140475	2.464485

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.71396	3.235636	-.010859	.0017721	3.275850	1.636026	.0010558
Stddev	.11833	.011289	.002007	.0002224	.001615	.021849	.0031372
%RSD	.7530190	.3489043	18.47928	12.55198	.0492974	1.335511	297.1517

#1	15.65922	3.238930	-.013104	.0019393	3.274146	1.660240	-.002255
#2	15.63292	3.244913	-.009242	.0018573	3.277358	1.630054	.001438
#3	15.84975	3.223067	-.010231	.0015196	3.276045	1.617783	.003984

Sample Name: K5244-14 Acquired: 10/09/2019 17:46:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0B43 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.623176	.0343666	.1006345
Stddev	.029633	.0004494	.0003657
%RSD	.5269731	1.307613	.3633631

#1	5.589343	.0343261	.1003214
#2	5.635665	.0339388	.1005457
#3	5.644520	.0348348	.1010364

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1808.074	3363.041	42405.66	10653.83	3274.776
Stddev	9.878	8.322	166.59	39.76	6.033
%RSD	.5463476	.2474648	.3928466	.3731668	.1842324

#1	1797.046	3354.658	42590.79	10698.46	3270.144
#2	1811.063	3363.164	42358.36	10640.84	3272.585
#3	1816.112	3371.301	42267.84	10622.20	3281.598

Sample Name: K5244-15 Acquired: 10/09/2019 17:50:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0B43 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.067725	.0075098	1.474365	-.000010	.1143057	37.30561	1.263874
Stddev	.030447	.0038844	.004991	.001964	.0015587	.23652	.006507
%RSD	.5017889	51.72490	.3385130	18969.56	1.363636	.6339983	.5148506

#1	6.086090	.0032246	1.468695	-.001037	.1147764	37.07432	1.258667
#2	6.084505	.0085051	1.476308	-.001247	.1125659	37.29549	1.261786
#3	6.032579	.0107997	1.478093	.002254	.1155748	37.54702	1.271169

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021107	.0095212	14.92437	.0105250	.0510663	.2727715	112.6076
Stddev	.0000470	.0000687	.06573	.0008567	.0004023	.0004035	.5873
%RSD	2.224546	.7212163	.4404209	8.139856	.7877569	.1479362	.5215321

#1	.0021298	.0094560	14.85709	.0111412	.0514215	.2731469	112.0512
#2	.0021452	.0095929	14.92760	.0108870	.0511477	.2728227	112.5501
#3	.0020572	.0095147	14.98843	.0095467	.0506295	.2723448	113.2215

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.36510	22.77569	.0207272	.1311206	.0942322	.2103634	2.459351
Stddev	.17222	.10833	.0002495	.0004091	.0876827	.0030368	.042046
%RSD	.7700333	.4756300	1.203608	.3119853	93.04964	1.443614	1.709649

#1	22.24891	22.65061	.0205293	.1306864	.1715685	.2068884	2.415279
#2	22.28344	22.83745	.0206449	.1311766	-.001027	.2125076	2.463749
#3	22.56296	22.83902	.0210075	.1314988	.112155	.2116942	2.499026

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.88500	3.223591	-.007346	.0015673	3.405054	1.671658	.0021731
Stddev	.15745	.011349	.003008	.0004107	.022953	.017170	.0008543
%RSD	1.057785	.3520588	40.94863	26.20280	.6740922	1.027142	39.31222

#1	14.84062	3.226974	-.010756	.0011998	3.403557	1.690209	.0023851
#2	14.75449	3.232863	-.006215	.0020106	3.428719	1.656324	.0029015
#3	15.05987	3.210935	-.005067	.0014915	3.382886	1.668441	.0012328

Sample Name: K5244-15 Acquired: 10/09/2019 17:50:56 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0B43 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.326308	.0334809	.0999000
Stddev	.033725	.0015171	.0003021
%RSD	.6331715	4.531365	.3024340

#1	5.296867	.0334925	.0995842
#2	5.318954	.0319580	.1001863
#3	5.363103	.0349922	.0999294

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1811.249	3366.673	42382.14	10706.21	3281.402
Stddev	13.411	11.589	237.57	40.33	5.961
%RSD	.7404538	.3442283	.5605364	.3767224	.1816668

#1	1818.978	3354.069	42558.77	10660.53	3275.177
#2	1819.006	3369.081	42475.61	10736.89	3281.969
#3	1795.763	3376.869	42112.06	10721.23	3287.059

Sample Name: K5244-16 Acquired: 10/09/2019 17:54:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0B43 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.064155	.1103653	1.705641	.0254022	.2514910	36.20156	5.303744
Stddev	.008502	.0022428	.006177	.0003140	.0017737	.07498	.015908
%RSD	.1678914	2.032150	.3621545	1.236252	.7052595	.2071281	.2999318

#1	5.058387	.1115181	1.712685	.0256552	.2495411	36.23154	5.318310
#2	5.060159	.1077806	1.703086	.0255008	.2519235	36.11623	5.306152
#3	5.073919	.1117972	1.701150	.0250508	.2530085	36.25692	5.286769

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0981707	.1102259	12.96858	.4263334	1.045481	.6904316	103.8366
Stddev	.0004274	.0002371	.08582	.0007246	.001101	.0026467	.3254
%RSD	.4354095	.2151215	.6617173	.1699564	.1052927	.3833350	.3133862

#1	.0980328	.1104928	13.03925	.4260646	1.046738	.6927136	103.9426
#2	.0986501	.1101455	12.99340	.4271540	1.045015	.6910509	104.0958
#3	.0978293	.1100395	12.87309	.4257817	1.044689	.6875301	103.4715

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.82180	16.87720	1.035136	.1690035	-.107620	1.196551	3.720804
Stddev	.06279	.06944	.001303	.0016440	.199421	.001251	.013201
%RSD	.2877285	.4114688	.1258441	.9727805	185.3007	.1045905	.3548007

#1	21.83070	16.92588	1.036294	.1707989	.118060	1.197190	3.735952
#2	21.87966	16.90806	1.035388	.1686400	-.260084	1.197353	3.711754
#3	21.75504	16.79768	1.033725	.1675716	-.180836	1.195108	3.714706

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.41409	2.833421	-.011116	.0016970	2.856905	1.813076	.0025205
Stddev	.06594	.007115	.000770	.0001850	.004513	.050283	.0013914
%RSD	.6331592	.2511182	6.928266	10.89920	.1579507	2.773350	55.20401

#1	10.47337	2.831715	-.011108	.0017632	2.858829	1.859212	.0009148
#2	10.34307	2.827313	-.011890	.0018397	2.851750	1.820535	.0033724
#3	10.42582	2.841234	-.010350	.0014880	2.860137	1.759480	.0032744

Sample Name: K5244-16 Acquired: 10/09/2019 17:54:55 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0B43 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.452405	.0238227	.0994370
Stddev	.010320	.0011257	.0003656
%RSD	.2989258	4.725265	.3676438

#1	3.464248	.0236538	.0994351
#2	3.445339	.0227909	.0990723
#3	3.447628	.0250232	.0998035

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1822.615	3368.570	42736.20	10663.12	3287.876
Stddev	19.687	3.963	334.30	73.05	5.141
%RSD	1.080167	.1176578	.7822497	.6850771	.1563617

#1	1802.202	3366.079	42350.21	10581.14	3281.948
#2	1841.486	3373.141	42924.53	10686.94	3290.572
#3	1824.157	3366.491	42933.84	10721.29	3291.108

Sample Name: K5244-14LX5 Acquired: 10/09/2019 17:58:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0B43L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.286147	.0006256	.2945875	.0009929	.0234867	7.499731	.2510843
Stddev	.001725	.0026770	.0004809	.0026753	.0016030	.010365	.0010184
%RSD	.1341533	427.9323	.1632492	269.4371	6.825243	.1382010	.4056082

#1	1.284372	-.000001	.2950084	-.001659	.0237612	7.489360	.2507494
#2	1.286253	-.001682	.2940634	.003691	.0217641	7.499745	.2502754
#3	1.287817	.003560	.2946908	.000947	.0249347	7.510089	.2522279

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004406	.0017972	2.983960	.0024044	.0098093	.0594254	22.79181
Stddev	.0000091	.0000721	.011734	.0004022	.0003690	.0008659	.05917
%RSD	2.068923	4.011924	.3932524	16.72735	3.761314	1.457180	.2596198

#1	.0004373	.0018125	2.970871	.0027851	.0097766	.0584273	22.80706
#2	.0004337	.0017187	2.993538	.0024445	.0101935	.0599763	22.72650
#3	.0004509	.0018605	2.987471	.0019837	.0094578	.0598727	22.84186

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.621767	4.534338	.0038089	.0264240	-.443982	.0405392	.5041083
Stddev	.024496	.019080	.0003822	.0003155	.014646	.0010986	.0059089
%RSD	.5300232	.4207838	10.03419	1.194108	3.298715	2.709957	1.172155

#1	4.624633	4.548619	.0036013	.0260716	-.447645	.0417406	.5019984
#2	4.595964	4.512669	.0035754	.0266804	-.456448	.0395859	.4995440
#3	4.644704	4.541725	.0042500	.0265199	-.427852	.0402910	.5107826

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.802753	.6349785	-.007094	.0003478	.6627899	.3482159	-.001731
Stddev	.057464	.0005114	.000863	.0002713	.0055131	.0075940	.000995
%RSD	2.050263	.0805324	12.17043	78.00604	.8318010	2.180832	57.48222

#1	2.740146	.6344121	-.008012	.0000545	.6676962	.3470668	-.002880
#2	2.853092	.6354062	-.006299	.0003991	.6638498	.3412619	-.001175
#3	2.815021	.6351172	-.006970	.0005898	.6568239	.3563189	-.001138

Sample Name: K5244-14LX5 Acquired: 10/09/2019 17:58:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0B43L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.054747	.0015839	.0203199
Stddev	.004969	.0022014	.0001758
%RSD	.4711263	138.9850	.8654134

#1	1.053626	.0012320	.0201218
#2	1.050434	-.000420	.0203799
#3	1.060181	.003940	.0204578

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1755.347	3248.408	41075.09	10234.08	3300.891
Stddev	6.652	4.823	216.12	22.45	3.598
%RSD	.3789382	.1484696	.5261611	.2193513	.1089869

#1	1763.001	3248.950	41198.94	10253.81	3298.904
#2	1750.964	3252.937	40825.54	10209.66	3305.043
#3	1752.076	3243.337	41200.79	10238.77	3298.724

Sample Name: K5103-08A Acquired: 10/09/2019 18:02:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLMH1A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1211834	.0037727	.0087051	.0698535	.0009094	.3546943	.2760732
Stddev	.0031791	.0040517	.0023106	.0024447	.0012528	.0109915	.0024337
%RSD	2.623379	107.3942	26.54276	3.499813	137.7598	3.098870	.8815288

#1	.1175154	.0022406	.0066215	.0713495	-.000446	.3656692	.2786807
#2	.1228903	.0007105	.0083037	.0670323	.002025	.3547276	.2738620
#3	.1231444	.0083670	.0111900	.0711787	.001149	.3436862	.2756770

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008054	-.000630	157.9499	-.005897	.0162262	.0044000	67.77239
Stddev	.0000249	.000054	.9475	.000555	.0001902	.0039732	.31463
%RSD	3.087541	8.623464	.5998556	9.410367	1.172411	90.29991	.4642456

#1	.0008036	-.000669	159.0243	-.006328	.0161601	.0088671	68.12151
#2	.0008311	-.000654	157.2338	-.006092	.0160778	.0012610	67.51079
#3	.0007815	-.000568	157.5916	-.005271	.0164407	.0030719	67.68485

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.993415	30.19627	.0171504	-.005464	26.45800	.0037525	.0107309
Stddev	.027605	.06447	.0005239	.000194	.22188	.0013038	.0020011
%RSD	.9221935	.2134949	3.054717	3.549215	.8386021	34.74551	18.64779

#1	3.024386	30.27034	.0169986	-.005241	26.49997	.0023156	.0120795
#2	2.971399	30.15280	.0177335	-.005553	26.21814	.0040819	.0084317
#3	2.984461	30.16568	.0167193	-.005597	26.65590	.0048601	.0116815

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.67649	.0603814	.7640778	.0007358	.4807262	14.34372	-.005629
Stddev	.05061	.0014885	.0052736	.0000573	.0102373	.12254	.001079
%RSD	.2231938	2.465148	.6901944	7.792473	2.129559	.8542992	19.17272

#1	22.70301	.0619119	.7699239	.0007051	.4689953	14.48446	-.006522
#2	22.61812	.0589388	.7596789	.0007003	.4878537	14.28596	-.004430
#3	22.70832	.0602936	.7626307	.0008019	.4853296	14.26073	-.005937

Sample Name: K5103-08A Acquired: 10/09/2019 18:02:51 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLMH1A Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0153141	-.008965	1.199577
Stddev	.0013332	.001598	.000729
%RSD	8.705388	17.82260	.0607310

#1	.0155973	-.010802	1.199989
#2	.0138621	-.008187	1.198736
#3	.0164829	-.007905	1.200006

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1768.019	3265.637	41261.82	10241.98	3295.284
Stddev	12.485	2.044	382.02	65.09	10.433
%RSD	.7061791	.0625965	.9258498	.6355039	.3165975

#1	1781.144	3265.843	41579.47	10176.07	3293.368
#2	1766.623	3263.498	41368.06	10306.22	3306.542
#3	1756.290	3267.571	40837.92	10243.64	3285.942

Sample Name: CCV002 Acquired: 10/09/2019 18:06:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.024921	4.960420	25.01358	4.902718	4.949362	400.2846	10.59950
Stddev	.027684	.021634	.05121	.024436	.010899	1.2634	.06803
%RSD	.5509267	.4361268	.2047411	.4984163	.2202149	.3156247	.6418033

#1	5.056511	4.971812	25.05601	4.925459	4.948988	401.4198	10.52608
#2	5.013360	4.973978	25.02804	4.905813	4.960443	400.5105	10.66039
#3	5.004891	4.935471	24.95669	4.876882	4.938654	398.9235	10.61204

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5115844	2.472386	419.3044	15.38083	2.534197	15.17541	411.4506
Stddev	.0036061	.002986	2.3733	.11269	.003667	.02528	1.7602
%RSD	.7048855	.1207758	.5660020	.7326756	.1447056	.1665904	.4278084

#1	.5087445	2.475825	416.5808	15.43996	2.537256	15.15091	409.5875
#2	.5156416	2.470880	420.9287	15.45164	2.535202	15.17391	411.6784
#3	.5103671	2.470452	420.4039	15.25088	2.530132	15.20141	413.0858

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.34640	404.7702	2.530682	1.287705	408.5201	2.544119	14.65824
Stddev	.08492	1.7266	.003957	.011535	1.0968	.017242	.11842
%RSD	.5533675	.4265560	.1563415	.8957431	.2684933	.6777044	.8078474

#1	15.24913	403.0521	2.534837	1.299272	407.2786	2.524883	14.70375
#2	15.40583	404.7533	2.530249	1.287641	409.3576	2.558182	14.52382
#3	15.38423	406.5052	2.526960	1.276203	408.9242	2.549293	14.74715

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	153.4281	5.304287	5.092176	4.886503	5.192760	5.088379	5.056668
Stddev	.1414	.025572	.033217	.015238	.023571	.038465	.011511
%RSD	.0921907	.4820925	.6523238	.3118466	.4539188	.7559400	.2276499

#1	153.2648	5.323563	5.065844	4.903818	5.211167	5.059035	5.058162
#2	153.5074	5.314020	5.129495	4.880557	5.200920	5.131926	5.067360
#3	153.5120	5.275278	5.081188	4.875134	5.166194	5.074176	5.044483

Sample Name: CCV002 Acquired: 10/09/2019 18:06:55 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV002 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.133561	5.242874	5.050897
Stddev	.022837	.032184	.045058
%RSD	.4448517	.6138687	.8920811

#1	5.107598	5.211176	4.999865
#2	5.142545	5.275524	5.085190
#3	5.150539	5.241922	5.067637

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1479.172	2774.307	36971.84	9675.820	2639.039
Stddev	10.308	6.859	322.68	25.512	4.903
%RSD	.6968961	.2472489	.8727859	.2636639	.1857985

#1	1469.567	2766.410	36604.79	9692.680	2633.690
#2	1490.063	2778.782	37099.87	9646.470	2640.105
#3	1477.887	2777.729	37210.86	9688.310	2643.321

Sample Name: CCB002 Acquired: 10/09/2019 18:10:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017229	.0004424	.0038225	.0018170	.0008411	.0096462	.0007702
Stddev	.0053498	.0039924	.0018859	.0037211	.0035668	.0058713	.0003930
%RSD	310.5198	902.4896	49.33651	204.7918	424.0648	60.86590	51.02106

#1	-.004363	.0022988	.0059944	.0022954	.0048574	.0159961	.0003466
#2	.005683	.0031686	.0026004	.0052757	-.000377	.0044143	.0008411
#3	.003849	-.004140	.0028726	-.002120	-.001957	.0085283	.0011229

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000001	-.000044	.0134919	.0004158	.0002699	.0033949	.0291573
Stddev	.000062	.000057	.0158818	.0001937	.0001630	.0016982	.0100919
%RSD	5083.561	129.9098	117.7142	46.59771	60.38463	50.02362	34.61183

#1	-.000070	.000014	.0317709	.0005352	.0004188	.0014492	.0383376
#2	.000018	-.000045	.0030712	.0005199	.0000957	.0045793	.0307831
#3	.000049	-.000100	.0056335	.0001922	.0002952	.0041561	.0183513

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010214	.0148748	.0001119	.0000566	-.191488	-.003760	.0002075
Stddev	.0003073	.0129796	.0002935	.0003387	.176031	.002839	.0002901
%RSD	30.07944	87.25925	262.2387	598.1778	91.92806	75.49969	139.8288

#1	.0013751	.0186647	-.000053	-.000065	-.137856	-.001269	.0005212
#2	.0008197	.0255376	.000451	-.000204	-.048510	-.006850	-.000051
#3	.0008696	.0004220	-.000062	.000439	-.388096	-.003159	.000152

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.064505	.0015111	.0062296	.0002232	-.007395	.0021224	.0002764
Stddev	.046843	.0003957	.0003728	.0003955	.001439	.0007912	.0003813
%RSD	72.62019	26.18705	5.984256	177.1680	19.46318	37.27779	137.9602

#1	-.084895	.0012141	.0059952	.0006737	-.008070	.0012095	-.000100
#2	-.097697	.0019604	.0060342	-.000067	-.008372	.0025490	.000267
#3	-.010922	.0013589	.0066595	.000063	-.005742	.0026088	.000662

Sample Name: CCB002 Acquired: 10/09/2019 18:10:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB002 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0017638	.0019276	.0002807
Stddev	.0007591	.0005026	.0000693
%RSD	43.03595	26.07514	24.68828

#1	.0023130	.0020919	.0003569
#2	.0020807	.0013633	.0002635
#3	.0008976	.0023274	.0002215

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1742.424	3211.698	40774.57	10096.93	3304.454
Stddev	6.303	12.419	270.46	79.27	12.314
%RSD	.3617614	.3866950	.6633152	.7851029	.3726402

#1	1749.381	3197.446	40888.11	10134.88	3290.835
#2	1740.800	3220.199	40465.85	10150.09	3314.801
#3	1737.092	3217.451	40969.76	10005.82	3307.727

Sample Name: K5221-02 Acquired: 10/09/2019 18:19:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH1A02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0523162	.0010740	.0732140	-.003058	.0179189	6.246502	.1163122
Stddev	.0027477	.0035118	.0011497	.002166	.0009991	.025170	.0010558
%RSD	5.252122	326.9790	1.570306	70.83634	5.575870	.4029445	.9077019

#1	.0545799	.0050746	.0732157	-.004375	.0169213	6.241855	.1161653
#2	.0492591	-.000352	.0720635	-.000558	.0189195	6.273672	.1153376
#3	.0531096	-.001501	.0743629	-.004242	.0179159	6.223980	.1174337

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006311	.0008765	1.667319	-.001166	.0220514	1.492004	43.59081
Stddev	.0001485	.0000728	.035885	.000294	.0001358	.006074	.06323
%RSD	23.53157	8.311099	2.152250	25.19269	.6158993	.4070712	.1450643

#1	.0007336	.0007956	1.693493	-.001406	.0219195	1.486786	43.56374
#2	.0004608	.0009368	1.682052	-.001254	.0220438	1.490555	43.66308
#3	.0006989	.0008972	1.626413	-.000838	.0221908	1.498671	43.54562

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0226365	.3390471	.0170424	-.000783	3.510500	.0018777	.5691835
Stddev	.0000929	.0251525	.0001985	.000403	.174866	.0055244	.0012188
%RSD	.4104333	7.418583	1.164506	51.47769	4.981241	294.2062	.2141233

#1	.0227430	.3456514	.0169096	-.001246	3.544608	.0021106	.5682447
#2	.0225716	.3602385	.0169469	-.000581	3.321092	-.003759	.5705609
#3	.0225951	.3112513	.0172705	-.000520	3.665799	.007282	.5687449

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3129878	.0736945	.2469439	.0002407	68.05877	.8081243	-.000514
Stddev	.0343610	.0029277	.0011694	.0001129	.05663	.0033937	.000904
%RSD	10.97840	3.972815	.4735620	46.90249	.0832138	.4199494	175.9485

#1	.2839467	.0712921	.2471369	.0003701	67.99767	.8089850	-.001252
#2	.3509208	.0728359	.2480048	.0001890	68.06914	.8110048	.000495
#3	.3040960	.0769556	.2456899	.0001628	68.10951	.8043831	-.000785

Sample Name: K5221-02 Acquired: 10/09/2019 18:19:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH1A02 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0175591	-.012242	.0323305
Stddev	.0013215	.001030	.0005933
%RSD	7.526231	8.411957	1.835141

#1	.0183507	-.011242	.0325393
#2	.0182931	-.012184	.0316610
#3	.0160335	-.013299	.0327912

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1824.721	3361.056	42434.34	10371.71	3499.303
Stddev	4.069	8.408	193.78	58.62	8.886
%RSD	.2229657	.2501649	.4566552	.5651744	.2539413

#1	1822.623	3369.468	42231.45	10327.64	3507.234
#2	1822.129	3352.652	42617.49	10349.26	3489.699
#3	1829.410	3361.048	42454.08	10438.24	3500.976

Sample Name: K5221-03 Acquired: 10/09/2019 18:23:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH1A03 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0036921	.0028189	.0437927	-.003016	-.000214	.1498335	.2094533
Stddev	.0029894	.0025350	.0016117	.002774	.000649	.0069369	.0015599
%RSD	80.96779	89.92822	3.680302	91.96986	302.9645	4.629767	.7447523

#1	.0063289	.0030261	.0440852	-.003770	-.000962	.1533751	.2112453
#2	.0004444	.0052439	.0420548	.000057	.000114	.1418406	.2087148
#3	.0043030	.0001867	.0452382	-.005335	.000205	.1542847	.2083997

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000929	.0000434	1.857363	-.000234	.0003943	.0273367	.4439398
Stddev	.0000565	.0000203	.013996	.000475	.0001717	.0020726	.0034707
%RSD	60.77059	46.83864	.7535493	203.1457	43.54872	7.581838	.7818032

#1	.0001137	.0000482	1.868036	-.000783	.0005154	.0253816	.4478699
#2	.0000290	.0000211	1.862537	.000041	.0001978	.0295096	.4426540
#3	.0001360	.0000609	1.841517	.000040	.0004697	.0271189	.4412954

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2959228	.3922654	.0002300	-.000382	3.121685	.0018622	.1167621
Stddev	.0023883	.0076194	.0002403	.000249	.332550	.0027369	.0015842
%RSD	.8070635	1.942412	104.4546	65.10542	10.65291	146.9719	1.356730

#1	.2986405	.3940195	.0005067	-.000439	3.447639	.0050225	.1185367
#2	.2949695	.3839220	.0000738	-.000110	3.134508	.0002794	.1162589
#3	.2941584	.3988548	.0001095	-.000598	2.782909	.0002847	.1154907

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.363399	.0260584	.1333294	.0010704	3.454775	1.185206	-.001901
Stddev	.068594	.0047209	.0019944	.0004401	.015441	.012782	.000929
%RSD	18.87576	18.11661	1.495841	41.11638	.4469556	1.078478	48.85629

#1	-.318480	.0310589	.1315824	.0015621	3.441722	1.183370	-.000840
#2	-.442355	.0216785	.1355023	.0007131	3.471821	1.198806	-.002296
#3	-.329362	.0254377	.1329033	.0009362	3.450784	1.173440	-.002567

Sample Name: K5221-03 Acquired: 10/09/2019 18:23:15 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH1A03 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0038651	-.014623	.0108885
Stddev	.0008158	.000771	.0003232
%RSD	21.10600	5.270371	2.968159

#1	.0046098	-.013760	.0107133
#2	.0029932	-.015242	.0106908
#3	.0039923	-.014867	.0112615

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1831.756	3372.346	42413.89	10329.44	3492.508
Stddev	17.055	5.110	117.22	56.79	2.820
%RSD	.9310623	.1515281	.2763715	.5497548	.0807446

#1	1813.081	3375.314	42301.81	10294.14	3491.400
#2	1846.508	3366.446	42535.65	10299.24	3495.714
#3	1835.677	3375.279	42404.20	10394.95	3490.411

Sample Name: K5221-04 Acquired: 10/09/2019 18:27:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH1A04 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054011	.0007470	.5022655	-.002365	.0031313	.6847964	.2989799
Stddev	.0030313	.0029323	.0011335	.003918	.0017962	.0055140	.0024838
%RSD	56.12453	392.5652	.2256706	165.6839	57.36309	.8051964	.8307722

#1	.0088801	-.001175	.5011938	-.005535	.0017941	.6788182	.2963308
#2	.0039950	.004122	.5021507	-.003575	.0024269	.6858884	.2993526
#3	.0033282	-.000706	.5034520	.002016	.0051730	.6896826	.3012564

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001730	.0008605	2.346986	.0001472	.0006301	.0402124	1.158682
Stddev	.0000070	.0000525	.033485	.0002076	.0002521	.0018186	.018127
%RSD	4.048055	6.104923	1.426724	140.9988	40.01309	4.522483	1.564486

#1	.0001718	.0008895	2.308700	.0003090	.0003718	.0414933	1.140720
#2	.0001805	.0007999	2.370810	-.000087	.0006430	.0410130	1.158357
#3	.0001666	.0008922	2.361447	.000220	.0008756	.0381308	1.176970

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0732497	.5848029	.0001920	.0006825	3.928189	.0014758	.5880667
Stddev	.0005896	.0172971	.0004084	.0002194	.167619	.0024341	.0068243
%RSD	.8049781	2.957769	212.7013	32.15257	4.267079	164.9374	1.160471

#1	.0726533	.5659686	.0006331	.0006635	3.886825	.0004352	.5836174
#2	.0738324	.5884632	.0001162	.0009107	3.785125	.0042572	.5959238
#3	.0732633	.5999769	-.000173	.0004731	4.112618	-.000265	.5846590

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3862833	.0498479	.2946473	.0004404	5.818662	2.185731	-.003110
Stddev	.1550347	.0018999	.0007827	.0002725	.013427	.046997	.000878
%RSD	40.13497	3.811348	.2656506	61.88070	.2307608	2.150172	28.23137

#1	.5651029	.0483106	.2939052	.0004995	5.834088	2.177144	-.003533
#2	.2895630	.0519719	.2945715	.0001432	5.809604	2.143620	-.002101
#3	.3041841	.0492611	.2954651	.0006785	5.812293	2.236429	-.003696

Sample Name: K5221-04 Acquired: 10/09/2019 18:27:23 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH1A04 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0096272	-.014419	.0169318
Stddev	.0026608	.000831	.0001511
%RSD	27.63862	5.762861	.8927209

#1	.0069532	-.013554	.0167670
#2	.0096537	-.015211	.0170641
#3	.0122747	-.014491	.0169642

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1828.431	3372.443	42491.76	10416.03	3494.826
Stddev	15.313	3.692	199.00	73.89	5.297
%RSD	.8374955	.1094781	.4683161	.7094347	.1515647

#1	1840.074	3372.368	42437.85	10494.71	3491.411
#2	1811.085	3376.172	42325.28	10405.28	3500.928
#3	1834.135	3368.790	42712.16	10348.09	3492.140

Sample Name: K5221-05 Acquired: 10/09/2019 18:31:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH1A05 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0101953	.0013444	.6713816	.0010317	.0019491	1.028474	.3076406
Stddev	.0035887	.0022276	.0023859	.0030430	.0012786	.025913	.0024031
%RSD	35.19990	165.6954	.3553690	294.9675	65.60090	2.519590	.7811445

#1	.0124416	-.000866	.6714151	.0027478	.0029550	1.021529	.3102842
#2	.0120878	.001310	.6737506	.0028290	.0005102	1.057152	.3070492
#3	.0060564	.003589	.6689792	-.002482	.0023820	1.006740	.3055884

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001600	.0005932	2.152896	.0003640	.0003909	.0410221	2.267026
Stddev	.0000463	.0000275	.008733	.0003650	.0002164	.0006787	.011827
%RSD	28.90954	4.627119	.4056319	100.2851	55.35715	1.654591	.5217032

#1	.0001384	.0006013	2.160672	.0000641	.0001695	.0405039	2.279634
#2	.0001286	.0005626	2.143448	.0002574	.0004012	.0407720	2.256176
#3	.0002132	.0006157	2.154569	.0007705	.0006019	.0417904	2.265268

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0752517	.6931469	.0006009	.0015964	3.661767	.0026227	.4845562
Stddev	.0006296	.0247789	.0004435	.0002449	.253944	.0016892	.0057726
%RSD	.8366844	3.574841	73.80162	15.33944	6.935003	64.40893	1.191319

#1	.0758525	.6945722	.0010930	.0018315	3.530585	.0034868	.4852477
#2	.0745967	.7171824	.0002323	.0013428	3.954472	.0006762	.4899519
#3	.0753058	.6676861	.0004774	.0016151	3.500245	.0037050	.4784690

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5034391	.0834641	.2578700	.0012203	5.376221	2.446181	-.002300
Stddev	.0510891	.0018037	.0030576	.0002821	.026625	.018721	.001411
%RSD	10.14802	2.161096	1.185709	23.11288	.4952384	.7653284	61.35987

#1	.4506348	.0844302	.2600871	.0010059	5.346063	2.457433	-.000670
#2	.5070626	.0845790	.2591409	.0015398	5.396472	2.456539	-.003115
#3	.5526200	.0813831	.2543819	.0011153	5.386128	2.424569	-.003115

Sample Name: K5221-05 Acquired: 10/09/2019 18:31:28 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH1A05 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0130456	-.014522	.0185460
Stddev	.0025936	.000775	.0000140
%RSD	19.88130	5.339779	.0756383

#1	.0126714	-.014462	.0185610
#2	.0158059	-.015325	.0185439
#3	.0106593	-.013777	.0185332

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1813.643	3365.179	42314.07	10450.38	3480.256
Stddev	6.663	4.122	440.15	14.86	3.853
%RSD	.3674062	.1224829	1.040201	.1421828	.1107033

#1	1818.029	3360.453	42790.09	10442.12	3477.611
#2	1805.975	3367.055	41921.84	10441.48	3478.482
#3	1816.924	3368.030	42230.27	10467.53	3484.677

Sample Name: K5221-06 Acquired: 10/09/2019 18:35:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH1A06 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000033	.0013341	6.090942	-.001622	-.005687	5.265055	.0360187
Stddev	.002487	.0012673	.012081	.004430	.000415	.023675	.0005374
%RSD	7566.798	94.99418	.1983497	273.0900	7.291117	.4496719	1.492080

#1	-.002813	.0026401	6.100685	-.003312	-.005405	5.252553	.0354645
#2	.000732	.0012525	6.094718	-.004959	-.006163	5.250252	.0360538
#3	.001982	.0001095	6.077424	.003404	-.005493	5.292361	.0365377

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004985	.0391021	4.001076	.0009569	.0064099	1.038572	9.617528
Stddev	.0000379	.0001000	.018066	.0002127	.0000771	.002186	.039266
%RSD	7.606740	.2558513	.4515334	22.22700	1.202774	.2105245	.4082726

#1	.0005179	.0390365	3.995113	.0009554	.0064794	1.039905	9.599127
#2	.0005228	.0390526	3.986745	.0011703	.0063269	1.036049	9.590842
#3	.0004548	.0392172	4.021370	.0007450	.0064234	1.039762	9.662615

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3505388	1.167266	.0034922	.0004863	3.853789	-.001400	10.78281
Stddev	.0024675	.010150	.0004655	.0003057	.284259	.002475	.07948
%RSD	.7039207	.8695592	13.32933	62.86942	7.376089	176.7276	.7370822

#1	.3490832	1.178177	.0040221	.0001333	3.639812	.000822	10.72449
#2	.3491454	1.158103	.0031489	.0006615	4.176331	-.000955	10.87334
#3	.3533879	1.165519	.0033057	.0006640	3.745224	-.004068	10.75061

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2648849	.0270914	.2856848	.0061918	42.25980	1.250460	-.002292
Stddev	.0596430	.0039287	.0002886	.0000357	.12598	.012237	.001136
%RSD	22.51658	14.50168	.1010223	.5765288	.2981110	.9785827	49.57121

#1	.3326647	.0308273	.2860180	.0061517	42.30549	1.258767	-.002640
#2	.2204252	.0274522	.2855240	.0062036	42.11735	1.236408	-.003214
#3	.2415649	.0229948	.2855123	.0062201	42.35657	1.256205	-.001023

Sample Name: K5221-06 Acquired: 10/09/2019 18:35:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH1A06 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0056674	-.011795	.0447698
Stddev	.0012978	.000856	.0001301
%RSD	22.89892	7.259203	.2905811

#1	.0071143	-.011904	.0448947
#2	.0052818	-.012592	.0446351
#3	.0046061	-.010890	.0447796

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1827.745	3362.049	42450.72	10428.98	3483.805
Stddev	5.135	3.893	142.66	74.08	1.623
%RSD	.2809735	.1157850	.3360494	.7103485	.0465740

#1	1822.537	3365.902	42293.01	10416.87	3482.230
#2	1832.805	3358.117	42488.40	10508.37	3483.715
#3	1827.894	3362.128	42570.76	10361.69	3485.471

Sample Name: K5221-07 Acquired: 10/09/2019 18:39:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH1A07 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011874	.0012715	12.33055	-.001666	.0000594	6.070528	.0613488
Stddev	.0021694	.0034251	.01137	.001222	.0012222	.019650	.0004034
%RSD	182.6966	269.3818	.0921818	73.31019	2056.670	.3236870	.6575454

#1	-.000491	-.002441	12.33226	-.000796	-.001079	6.049919	.0611716
#2	.000416	.004309	12.31843	-.003063	-.000093	6.072615	.0618104
#3	.003637	.001946	12.34097	-.001141	.001351	6.089051	.0610643

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006442	.0370995	4.057670	.0000413	.0065280	1.126182	19.41594
Stddev	.0000673	.0000970	.007801	.0002093	.0001303	.003830	.07343
%RSD	10.44243	.2613899	.1922634	506.8991	1.996622	.3400525	.3782071

#1	.0005912	.0370840	4.059550	.0001579	.0066584	1.122417	19.37770
#2	.0007199	.0372033	4.064360	.0001663	.0065279	1.130073	19.36951
#3	.0006214	.0370112	4.049100	-.000200	.0063977	1.126057	19.50060

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3530370	1.258363	.0034600	.0128323	3.822982	.0012165	10.47482
Stddev	.0014727	.012676	.0002753	.0002747	.147093	.0044402	.12668
%RSD	.4171495	1.007311	7.955775	2.140881	3.847609	365.0099	1.209380

#1	.3515435	1.269117	.0032076	.0125282	3.981996	-.001841	10.33027
#2	.3530795	1.261586	.0034190	.0130624	3.795171	.006309	10.52768
#3	.3544880	1.244387	.0037535	.0129063	3.691780	-.000819	10.56651

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9708506	.1472954	.2939583	.1171662	44.40625	2.519926	-.002248
Stddev	.0521575	.0026244	.0013862	.0002920	.03763	.027215	.001017
%RSD	5.372348	1.781701	.4715662	.2491993	.0847343	1.080009	45.24227

#1	.9898774	.1479874	.2940851	.1170402	44.36288	2.550640	-.003110
#2	.9118510	.1495045	.2952768	.1175000	44.43021	2.510328	-.002508
#3	1.010824	.1443944	.2925131	.1169584	44.42567	2.498810	-.001126

Sample Name: K5221-07 Acquired: 10/09/2019 18:39:33 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH1A07 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0282842	-.011925	.0554255
Stddev	.0006192	.000785	.0005904
%RSD	2.189275	6.578841	1.065230

#1	.0277605	-.011229	.0549926
#2	.0281246	-.012775	.0551859
#3	.0289677	-.011772	.0560981

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1823.508	3358.281	42500.48	10518.34	3479.812
Stddev	18.613	1.674	389.78	49.43	2.528
%RSD	1.020724	.0498516	.9171211	.4699723	.0726351

#1	1844.097	3356.374	42949.01	10521.78	3479.538
#2	1807.875	3358.961	42243.88	10467.28	3482.465
#3	1818.552	3359.508	42308.55	10565.97	3477.432

Sample Name: K5221-08 Acquired: 10/09/2019 18:43:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH1A08 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000805	.0014229	.0074399	-.003181	-.001993	.0817226	.2545867
Stddev	.001867	.0040664	.0012052	.003326	.001454	.0054187	.0020770
%RSD	231.8222	285.7766	16.19870	104.5378	72.94255	6.630597	.8158156

#1	-.002919	.0058807	.0069040	-.006987	-.001060	.0828903	.2548848
#2	-.000115	-.002083	.0088201	-.000834	-.001251	.0864622	.2523769
#3	.000618	.000472	.0065957	-.001723	-.003668	.0758152	.2564986

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000379	-.000027	2.369407	-.000019	-.000108	.0040051	.0901881
Stddev	.0001086	.000033	.018052	.000155	.000041	.0003454	.0040629
%RSD	286.5804	122.0716	.7618749	838.8009	38.09054	8.623775	4.504885

#1	-.000086	-.000013	2.385148	.000140	-.000153	.0042780	.0879151
#2	.000085	-.000003	2.349702	-.000026	-.000072	.0036168	.0877704
#3	.000115	-.000064	2.373370	-.000170	-.000100	.0041205	.0948787

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0874337	.3080385	.0009839	-.000044	3.449988	-.000781	.0541355
Stddev	.0007772	.0058254	.0002082	.000075	.069818	.001447	.0015648
%RSD	.8889008	1.891125	21.16368	170.8689	2.023727	185.2059	2.890434

#1	.0873299	.3015707	.0011709	-.000092	3.528540	.000405	.0531346
#2	.0867136	.3128727	.0010213	.000043	3.426421	-.000356	.0559387
#3	.0882576	.3096719	.0007595	-.000082	3.395002	-.002394	.0533333

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.169008	.0209398	.1127926	-.000342	3.705795	1.672135	-.001871
Stddev	.098817	.0023407	.0006619	.000276	.008635	.008690	.000533
%RSD	58.46873	11.17823	.5868408	80.68767	.2330245	.5197079	28.49059

#1	-.214590	.0214095	.1134036	-.000137	3.698978	1.672435	-.002463
#2	-.236807	.0183999	.1120895	-.000233	3.702902	1.663299	-.001428
#3	-.055627	.0230101	.1128848	-.000655	3.715506	1.680672	-.001723

Sample Name: K5221-08 Acquired: 10/09/2019 18:43:34 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH1A08 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0021574	-.013922	.0515801
Stddev	.0006586	.001009	.0001354
%RSD	30.52839	7.245380	.2625300

#1	.0025693	-.013881	.0517038
#2	.0025049	-.012935	.0514354
#3	.0013978	-.014951	.0516010

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1813.512	3347.970	42337.23	10439.99	3482.619
Stddev	11.686	8.672	175.58	50.77	2.341
%RSD	.6443966	.2590243	.4147085	.4862948	.0672164

#1	1807.106	3356.744	42143.53	10382.66	3485.319
#2	1806.430	3347.762	42382.25	10479.23	3481.168
#3	1827.001	3339.404	42485.92	10458.09	3481.369

Sample Name: K5221-09 Acquired: 10/09/2019 18:47:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH1A09 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0114864	.0018440	.0811356	-.001624	-.001251	1.212705	.2966799
Stddev	.0012388	.0016191	.0007821	.001825	.001561	.004172	.0022279
%RSD	10.78488	87.80431	.9639520	112.4239	124.7964	.3440259	.7509328

#1	.0117586	.0034404	.0820325	-.003366	.000544	1.207890	.2944415
#2	.0101342	.0002031	.0807788	-.001779	-.002296	1.215240	.2967011
#3	.0125665	.0018884	.0805955	.000274	-.002001	1.214985	.2988971

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003304	-.000054	2.252945	-.000423	.0008590	.0073133	4.758192
Stddev	.0000546	.000029	.025371	.000407	.0002045	.0012204	.045773
%RSD	16.52186	54.04878	1.126120	96.05192	23.80396	16.68721	.9619733

#1	.0002935	-.000020	2.223650	.000002	.0008109	.0084624	4.740259
#2	.0003931	-.000069	2.267816	-.000808	.0010832	.0060323	4.724101
#3	.0003047	-.000073	2.267369	-.000465	.0006828	.0074453	4.810216

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9499244	.5131360	.0008277	-.000368	3.123948	-.000364	.0778905
Stddev	.0065038	.0182807	.0007048	.000769	.194106	.002170	.0007095
%RSD	.6846688	3.562539	85.14979	209.1040	6.213482	596.8215	.9108800

#1	.9462616	.5245915	.0006541	.000218	3.192192	.001674	.0787060
#2	.9460779	.5227628	.0016031	-.001238	3.274717	-.002645	.0775509
#3	.9574336	.4920537	.0002259	-.000082	2.904937	-.000120	.0774148

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4787336	.1335356	.1089823	.0006208	3.837169	3.174055	-.002506
Stddev	.0607201	.0010634	.0021296	.0001613	.016991	.006594	.000361
%RSD	12.68349	.7963377	1.954087	25.97572	.4427878	.2077430	14.40271

#1	.5303251	.1346926	.1112062	.0006921	3.845762	3.171377	-.002912
#2	.4118201	.1326009	.1069615	.0007341	3.817598	3.169222	-.002222
#3	.4940557	.1333133	.1087792	.0004362	3.848146	3.181567	-.002384

Sample Name: K5221-09 Acquired: 10/09/2019 18:47:41 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH1A09 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0222087	-.014467	.0528967
Stddev	.0003333	.000557	.0001644
%RSD	1.500661	3.851170	.3107421

#1	.0221464	-.015013	.0527270
#2	.0219110	-.013899	.0529077
#3	.0225687	-.014488	.0530552

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1824.855	3357.574	42331.07	10446.03	3468.465
Stddev	2.670	4.730	65.05	19.37	11.989
%RSD	.1463212	.1408706	.1536631	.1854030	.3456472

#1	1822.309	3358.842	42264.87	10460.24	3461.842
#2	1827.634	3361.541	42333.45	10453.88	3482.304
#3	1824.623	3352.340	42394.90	10423.97	3461.248

Sample Name: K5221-10 Acquired: 10/09/2019 18:51:47 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH1A10 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0262360	.0016685	12.88859	-.002718	.0172777	.4494537	.1881043
Stddev	.0026743	.0014907	.03538	.002707	.0013256	.0088938	.0010467
%RSD	10.19344	89.34016	.2745108	99.59257	7.672353	1.978792	.5564648

#1	.0268376	.0033832	12.85405	-.000404	.0163911	.4565677	.1875952
#2	.0233122	.0006807	12.88697	-.002056	.0188016	.4523109	.1893081
#3	.0285584	.0009417	12.92475	-.005695	.0166405	.4394825	.1874094

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001691	.0012830	1.559791	.0005856	.0011256	.4021810	.8520944
Stddev	.0000344	.0000579	.003852	.0002726	.0002205	.0006988	.0054285
%RSD	20.31489	4.510743	.2469582	46.54709	19.59123	.1737636	.6370813

#1	.0001454	.0012863	1.558302	.0005737	.0010281	.4028097	.8460129
#2	.0002085	.0013392	1.556905	.0003191	.0009706	.4023048	.8538197
#3	.0001534	.0012236	1.564165	.0008638	.0013780	.4014285	.8564506

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0140450	.2792257	.0010286	.0034382	3.766802	-.001162	.6503423
Stddev	.0007200	.0081333	.0003301	.0000604	.126671	.003067	.0062037
%RSD	5.126630	2.912811	32.08845	1.756266	3.362825	263.8861	.9539108

#1	.0137881	.2866452	.0009909	.0033740	3.686337	-.003263	.6562453
#2	.0148583	.2705296	.0013759	.0034466	3.912815	-.002581	.6438763
#3	.0134887	.2805023	.0007190	.0034939	3.701253	.002357	.6509052

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4508837	.0349381	.2546785	-.000049	10.16728	1.038146	-.001893
Stddev	.0317418	.0022606	.0033384	.000185	.05619	.005914	.001050
%RSD	7.039917	6.470260	1.310813	373.9075	.5526191	.5696528	55.45204

#1	.4864238	.0336169	.2517780	.000044	10.14243	1.032103	-.001288
#2	.4253535	.0336491	.2583276	.000070	10.12780	1.043922	-.003106
#3	.4408738	.0375484	.2539298	-.000262	10.23160	1.038413	-.001286

Sample Name: K5221-10 Acquired: 10/09/2019 18:51:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH1A10 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0077036	-.014441	.0297466
Stddev	.0004399	.000703	.0010138
%RSD	5.710115	4.868369	3.408070

#1	.0079884	-.015239	.0286377
#2	.0071970	-.013910	.0299762
#3	.0079254	-.014176	.0306259

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1819.267	3351.013	42303.62	10533.99	3461.312
Stddev	.956	3.474	157.22	53.86	5.803
%RSD	.0525554	.1036653	.3716434	.5112713	.1676550

#1	1818.342	3351.812	42358.19	10547.03	3465.511
#2	1820.251	3347.210	42426.29	10474.81	3454.690
#3	1819.207	3354.018	42126.39	10580.12	3463.734

Sample Name: K5221-11 Acquired: 10/09/2019 18:55:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH1A11 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1067843	.0010854	5.588152	.0007735	.1278978	1.675129	.4273107
Stddev	.0030369	.0012989	.002729	.0032322	.0009093	.004748	.0021503
%RSD	2.843935	119.6693	.0488300	417.8850	.7109990	.2834531	.5032124

#1	.1071080	.0004340	5.591211	.0044118	.1272448	1.677793	.4251659
#2	.1096463	.0025811	5.587274	-.001766	.1289365	1.677948	.4294664
#3	.1035985	.0002411	5.585970	-.000325	.1275123	1.669647	.4272999

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003267	.0006835	1.700126	.0001728	.0071671	1.030364	19.40679
Stddev	.0001048	.0000514	.002678	.0000984	.0001318	.003472	.01300
%RSD	32.06945	7.515888	.1575362	56.95261	1.839483	.3369623	.0669659

#1	.0004091	.0007264	1.698417	.0002502	.0073131	1.026604	19.39248
#2	.0002088	.0006266	1.703213	.0000621	.0070568	1.033449	19.41785
#3	.0003622	.0006976	1.698749	.0002062	.0071315	1.031040	19.41004

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0169363	.3900095	.0054816	.0109387	3.580752	.0006556	.6036702
Stddev	.0001296	.0203770	.0002593	.0003374	.175061	.0013734	.0064589
%RSD	.7649671	5.224752	4.731292	3.084571	4.888944	209.4843	1.069934

#1	.0168972	.4063747	.0052222	.0106232	3.700922	.0010872	.5975662
#2	.0168309	.3671859	.0054817	.0112944	3.379899	.0017613	.6030111
#3	.0170810	.3964679	.0057409	.0108983	3.661435	-.000882	.6104333

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4964668	.1322305	.2301041	.0036891	32.20331	1.484701	.0057272
Stddev	.0666115	.0024061	.0010264	.0001805	.06736	.009669	.0021157
%RSD	13.41712	1.819632	.4460803	4.893298	.2091750	.6512494	36.94051

#1	.5437897	.1320753	.2303806	.0037831	32.16267	1.473537	.0040232
#2	.5253172	.1347104	.2309640	.0034809	32.16618	1.490157	.0080952
#3	.4202934	.1299057	.2289677	.0038031	32.28106	1.490408	.0050631

Sample Name: K5221-11 Acquired: 10/09/2019 18:55:51 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH1A11 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0128553	-.014897	.0325775
Stddev	.0006530	.001387	.0008006
%RSD	5.079806	9.309341	2.457412

#1	.0121858	-.016088	.0334560
#2	.0128894	-.015229	.0318890
#3	.0134905	-.013375	.0323876

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1801.909	3342.202	42024.15	10354.99	3470.265
Stddev	6.335	5.023	152.09	21.98	6.092
%RSD	.3515877	.1502923	.3619161	.2123013	.1755415

#1	1809.181	3336.548	41970.75	10376.42	3463.563
#2	1798.955	3346.150	42195.74	10332.49	3475.467
#3	1797.590	3343.909	41905.96	10356.04	3471.764

Sample Name: K5221-12 Acquired: 10/09/2019 18:59:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH1A12 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0150926	.0020706	4.604200	-.004976	.0239922	.7048820	.1169225
Stddev	.0022878	.0010523	.002519	.002119	.0011242	.0187254	.0012124
%RSD	15.15839	50.82037	.0547216	42.59649	4.685849	2.656530	1.036923

#1	.0171804	.0023123	4.604691	-.003214	.0252392	.7189596	.1174308
#2	.0126470	.0009185	4.601471	-.004385	.0230562	.6836303	.1155387
#3	.0154504	.0029809	4.606438	-.007328	.0236811	.7120561	.1177979

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003427	.0004785	1.540807	-.000186	.0056483	.9229776	12.96627
Stddev	.0001023	.0000466	.008132	.000056	.0000649	.0027267	.09088
%RSD	29.85662	9.739356	.5277573	29.92208	1.149204	.2954208	.7008689

#1	.0004254	.0004858	1.541091	-.000214	.0055956	.9218153	12.89875
#2	.0003745	.0004287	1.532537	-.000222	.0057208	.9210247	12.93046
#3	.0002283	.0005211	1.548794	-.000122	.0056284	.9260928	13.06959

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0174253	.3326244	.0039862	-.000584	3.877106	-.001898	.5490481
Stddev	.0005135	.0158298	.0003137	.000162	.065528	.001280	.0050183
%RSD	2.946636	4.759058	7.870381	27.67683	1.690120	67.42992	.9139978

#1	.0176013	.3493769	.0037330	-.000510	3.828439	-.000421	.5432596
#2	.0168470	.3305804	.0043372	-.000474	3.951615	-.002665	.5517133
#3	.0178277	.3179159	.0038885	-.000770	3.851265	-.002609	.5521715

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.181732	.0253549	.2315011	-.000096	25.64743	.5882942	-.002497
Stddev	.053534	.0027436	.0007494	.000097	.10789	.0039513	.000430
%RSD	29.45738	10.82056	.3237222	100.6057	.4206514	.6716473	17.21293

#1	-.203096	.0267656	.2314059	-.000023	25.52474	.5909076	-.002129
#2	-.120816	.0271061	.2308039	-.000059	25.72750	.5902263	-.002393
#3	-.221285	.0221931	.2322936	-.000206	25.69005	.5837486	-.002969

Sample Name: K5221-12 Acquired: 10/09/2019 18:59:53 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH1A12 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0026357	-.012332	.0191909
Stddev	.0012893	.001490	.0005065
%RSD	48.91829	12.08061	2.639448

#1	.0035548	-.012460	.0196763
#2	.0011618	-.013754	.0186656
#3	.0031904	-.010783	.0192306

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1811.004	3344.814	42152.04	10289.40	3473.632
Stddev	7.656	2.234	269.73	63.61	3.751
%RSD	.4227590	.0667920	.6398978	.6182377	.1079851

#1	1817.305	3347.071	42423.11	10324.13	3475.077
#2	1813.224	3344.767	42149.35	10328.10	3469.373
#3	1802.483	3342.604	41883.67	10215.99	3476.446

Sample Name: K5221-13 Acquired: 10/09/2019 19:03:57 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH1A13 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000868	.0019509	.0099293	-.002074	-.000841	.2151300	.2916459
Stddev	.000780	.0010476	.0009917	.001571	.000748	.0045633	.0019606
%RSD	89.83786	53.69696	9.987798	75.74305	88.93260	2.121199	.6722618

#1	-.000518	.0030273	.0101022	-.002148	-.000062	.2166115	.2939065
#2	-.001762	.0009348	.0108232	-.003605	-.000908	.2100100	.2904096
#3	-.000325	.0018906	.0088625	-.000467	-.001553	.2187686	.2906216

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001874	-.000028	2.124285	-.000132	.0005189	.0127430	.2576103
Stddev	.0000323	.000037	.008359	.000310	.0002165	.0024222	.0064032
%RSD	17.23980	131.4450	.3935002	233.8752	41.71654	19.00799	2.485611

#1	.0001631	-.000040	2.131696	-.000359	.0002758	.0143426	.2518732
#2	.0002240	-.000058	2.125934	-.000259	.0005902	.0139300	.2564396
#3	.0001750	.000013	2.115224	.000221	.0006908	.0099562	.2645181

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0909148	.3061470	.0011370	-.000076	3.587020	-.001909	.3136533
Stddev	.0006754	.0091769	.0003495	.000274	.143858	.002263	.0046175
%RSD	.7428935	2.997560	30.73736	360.1875	4.010518	118.5838	1.472170

#1	.0915283	.2991454	.0012667	-.000357	3.452131	-.000410	.3146738
#2	.0910250	.3165361	.0014032	.000190	3.570508	-.004512	.3176752
#3	.0901910	.3027594	.0007413	-.000061	3.738422	-.000804	.3086109

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1708731	.0279021	.2517833	-.000297	4.485178	1.091705	-.002573
Stddev	.0353293	.0016419	.0009699	.000182	.005082	.005089	.001698
%RSD	20.67573	5.884457	.3852174	61.28798	.1133052	.4661452	65.98370

#1	.1556272	.0260166	.2511818	-.000133	4.490293	1.093737	-.003021
#2	.1457267	.0286731	.2529022	-.000493	4.480130	1.095464	-.000696
#3	.2112653	.0290165	.2512658	-.000266	4.485112	1.085914	-.004002

Sample Name: K5221-13 Acquired: 10/09/2019 19:03:57 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH1A13 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0032117	-.014389	.0132732
Stddev	.0017448	.001005	.0000636
%RSD	54.32459	6.984893	.4792418

#1	.0052015	-.013788	.0132370
#2	.0019431	-.013829	.0132360
#3	.0024906	-.015549	.0133467

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1813.926	3350.258	42180.95	10359.11	3472.841
Stddev	16.504	2.622	250.54	47.00	4.720
%RSD	.9098589	.0782577	.5939663	.4536621	.1359245

#1	1799.254	3347.327	41899.02	10312.36	3470.000
#2	1810.730	3352.380	42265.70	10358.61	3470.232
#3	1831.795	3351.068	42378.12	10406.35	3478.290

Sample Name: K5221-14 Acquired: 10/09/2019 19:08:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH1A14 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0028198	.0004381	.0170157	-.001805	-.001029	.5578357	.2938251
Stddev	.0016310	.0008016	.0012134	.001166	.000380	.0071080	.0022211
%RSD	57.84246	182.9665	7.130834	64.57266	36.93711	1.274206	.7559226

#1	.0009773	-.000229	.0165385	-.002406	-.001049	.5585020	.2954510
#2	.0034033	.000216	.0183952	-.000462	-.001399	.5504180	.2912945
#3	.0040789	.001327	.0161136	-.002547	-.000640	.5645870	.2947300

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001232	.0000361	2.161930	.0004415	.0005803	.0218564	.7852286
Stddev	.0000888	.0000590	.022590	.0004163	.0000663	.0011789	.0069784
%RSD	72.02408	163.3614	1.044903	94.28426	11.42407	5.394014	.8887115

#1	.0000222	.0000081	2.179866	.0002369	.0005196	.0214451	.7893666
#2	.0001885	-.000004	2.169364	.0001672	.0005704	.0231859	.7771716
#3	.0001591	.000104	2.136560	.0009205	.0006511	.0209382	.7891476

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0894309	.3399000	.0013553	.0001018	3.717109	-.000895	.3392935
Stddev	.0004403	.0097092	.0001374	.0005867	.123876	.002621	.0018717
%RSD	.4923393	2.856497	10.13437	576.2779	3.332596	292.7629	.5516511

#1	.0895937	.3456412	.0012751	-.000509	3.586447	.000429	.3414187
#2	.0889324	.3286899	.0012770	.000153	3.732031	-.003914	.3378905
#3	.0897666	.3453691	.0015139	.000661	3.832848	.000800	.3385714

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5749583	.0435341	.2637158	-.000100	4.868522	1.727651	-.002045
Stddev	.0513549	.0016649	.0022811	.000187	.008042	.029733	.001992
%RSD	8.931939	3.824256	.8649715	187.2375	.1651737	1.721006	97.42234

#1	.6074122	.0448543	.2639112	-.000084	4.863616	1.711682	-.003616
#2	.6017126	.0416638	.2613434	.000078	4.877802	1.709314	.000196
#3	.5157501	.0440842	.2658930	-.000294	4.864147	1.761957	-.002714

Sample Name: K5221-14 Acquired: 10/09/2019 19:08:04 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH1A14 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0087077	-.014402	.0146830
Stddev	.0036928	.000947	.0000742
%RSD	42.40890	6.576438	.5051004

#1	.0096011	-.014838	.0146315
#2	.0046501	-.013315	.0147680
#3	.0118718	-.015052	.0146495

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1812.086	3356.815	42199.09	10402.50	3477.953
Stddev	7.992	6.414	101.36	67.01	9.879
%RSD	.4410209	.1910745	.2401918	.6442146	.2840436

#1	1812.603	3362.817	42141.36	10332.19	3488.378
#2	1803.848	3350.056	42139.78	10465.64	3468.729
#3	1819.806	3357.571	42316.12	10409.69	3476.752

Sample Name: K5104-01 Acquired: 10/09/2019 19:12:11 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLMJ0 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0085062	.0007082	.0099445	-.000509	-.002574	-.045076	.0353865
Stddev	.0042217	.0028961	.0008029	.002281	.000959	.005016	.0002996
%RSD	49.63079	408.9127	8.074351	447.8834	37.24837	11.12877	.8467647

#1	.0078171	.0026702	.0108716	.000490	-.003200	-.039671	.0352250
#2	.0130301	.0020726	.0094739	-.003120	-.001470	-.045974	.0357322
#3	.0046715	-.002618	.0094879	.001102	-.003052	-.049582	.0352022

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001041	.0000277	86.75667	.0009931	-.000474	.0029636	.2255311
Stddev	.0000322	.0000603	.84641	.0003059	.000072	.0034524	.0051556
%RSD	30.89094	217.6564	.9756186	30.80058	15.25708	116.4941	2.285976

#1	.0001413	.0000111	86.92388	.0008970	-.000440	-.000568	.2205067
#2	.0000860	.0000945	87.50699	.0013355	-.000558	.006331	.2308085
#3	.0000851	-.000023	85.83913	.0007468	-.000426	.003128	.2252782

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0866826	15.92062	.0002465	-.000089	13.06563	-.002896	.0007569
Stddev	.0008330	.09428	.0003809	.000183	.22144	.000104	.0016747
%RSD	.9610230	.5921950	154.5026	206.2276	1.694809	3.579311	221.2652

#1	.0868484	15.91423	-.000193	-.000191	12.88012	-.003015	-.000834
#2	.0874203	16.01794	.000450	-.000197	13.31078	-.002843	.002504
#3	.0857791	15.82970	.000483	.000122	13.00599	-.002829	.000600

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.521622	.0200861	.1401274	-.000371	1.005266	11.12360	-.005513
Stddev	.046128	.0027406	.0010448	.000178	.003580	.11002	.000881
%RSD	1.309861	13.64455	.7455745	47.97075	.3561533	.9890703	15.97177

#1	3.562355	.0221098	.1404354	-.000571	1.001625	11.13545	-.005718
#2	3.471533	.0169672	.1409835	-.000309	1.008782	11.22721	-.004548
#3	3.530978	.0211812	.1389633	-.000232	1.005392	11.00813	-.006273

Sample Name: K5104-01 Acquired: 10/09/2019 19:12:11 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLMJ0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0007380	-.011586	.4360199
Stddev	.0005414	.000565	.0009229
%RSD	73.35598	4.873348	.2116666

#1	.0001129	-.012232	.4370693
#2	.0010523	-.011190	.4353344
#3	.0010489	-.011335	.4356560

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1784.107	3284.908	41781.80	10486.87	3377.871
Stddev	17.398	9.492	141.99	55.79	5.123
%RSD	.9751809	.2889561	.3398334	.5320382	.1516591

#1	1785.510	3292.144	41739.07	10485.93	3383.312
#2	1800.761	3288.420	41940.25	10431.54	3373.140
#3	1766.050	3274.161	41666.08	10543.12	3377.163

Sample Name: K5104-02 Acquired: 10/09/2019 19:16:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLMJ4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065837	.0020556	.0084415	-.000998	-.001265	-.030035	.0467018
Stddev	.0059551	.0003201	.0014434	.002518	.000441	.007335	.0002555
%RSD	90.45158	15.57023	17.09935	252.3368	34.86626	24.42264	.5471828

#1	-.000234	.0017003	.0083779	-.002434	-.001703	-.036389	.0466804
#2	.009213	.0021449	.0070308	.001910	-.001270	-.031708	.0464576
#3	.010771	.0023215	.0099156	-.002469	-.000821	-.022007	.0469673

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000637	-.000006	91.50434	.0010324	.0004767	.0040801	2.523110
Stddev	.0000560	.000060	.60859	.0001754	.0002701	.0014697	.014640
%RSD	87.87319	1085.033	.6650983	16.98546	56.64995	36.02073	.5802516

#1	.0000735	-.000072	91.69458	.0012248	.0004386	.0053519	2.517001
#2	.0001142	.000010	90.82335	.0008815	.0002278	.0024711	2.512514
#3	.0000035	.000046	91.99508	.0009909	.0007638	.0044173	2.539816

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.134962	17.38322	.0012553	-.000318	19.32321	.0001396	.0049456
Stddev	.007133	.08524	.0001803	.000260	.21622	.0016853	.0011401
%RSD	.6284827	.4903532	14.36020	82.01966	1.118970	1207.626	23.05317

#1	1.134256	17.45662	.0011176	-.000425	19.30051	.0007152	.0037456
#2	1.128208	17.28974	.0011889	-.000021	19.11923	-.001758	.0060145
#3	1.142422	17.40331	.0014593	-.000507	19.54988	.001462	.0050766

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.754575	.0669853	.1882194	-.000391	1.637074	9.223824	-.005518
Stddev	.052595	.0017371	.0017640	.000249	.002527	.006539	.001864
%RSD	1.400831	2.593173	.9372197	63.71448	.1543456	.0708938	33.78525

#1	3.790729	.0682954	.1900882	-.000476	1.634364	9.216452	-.005791
#2	3.778759	.0650150	.1879866	-.000111	1.637493	9.228924	-.007231
#3	3.694238	.0676457	.1865833	-.000587	1.639365	9.226097	-.003532

Sample Name: K5104-02 Acquired: 10/09/2019 19:16:17 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLMJ4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0000365	-.012404	.4459415
Stddev	.0007310	.001007	.0016257
%RSD	2001.206	8.116582	.3645630

#1	-.000803	-.012544	.4447109
#2	.000383	-.013333	.4477845
#3	.000530	-.011334	.4453291

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1768.221	3266.258	41237.69	10428.81	3365.142
Stddev	14.785	6.698	206.28	71.48	11.418
%RSD	.8361785	.2050582	.5002253	.6853765	.3392875

#1	1764.374	3273.872	41122.53	10369.35	3377.023
#2	1784.550	3263.630	41475.84	10508.11	3364.150
#3	1755.739	3261.273	41114.69	10408.97	3354.253

Sample Name: K5104-03 Acquired: 10/09/2019 19:20:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLMJ2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0111100	.0009115	.0086827	-.002606	-.001565	-.032691	.0413753
Stddev	.0015773	.0002466	.0008861	.001933	.000916	.008118	.0006044
%RSD	14.19673	27.05134	10.20524	74.19240	58.49037	24.83228	1.460814

#1	.0111183	.0009384	.0096911	-.003526	-.000508	-.038511	.0420134
#2	.0126831	.0011436	.0083282	-.003908	-.002115	-.023417	.0408114
#3	.0095286	.0006526	.0080286	-.000384	-.002073	-.036146	.0413011

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000705	-.000047	90.98965	.0002313	-.000248	.0025906	1.261777
Stddev	.0000896	.000084	.52122	.0002505	.000392	.0024197	.005660
%RSD	127.0419	180.0123	.5728299	108.2926	158.0720	93.40194	.4485976

#1	.0000843	-.000116	90.41402	.0000666	-.000421	.0036913	1.260249
#2	-.000025	.000047	91.42963	.0001077	-.000524	-.000184	1.268044
#3	.000152	-.000071	91.12529	.0005196	.000201	.004264	1.257038

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3215018	17.17432	.0008730	-.000178	16.84860	-.001937	.0009082
Stddev	.0013994	.05661	.0002419	.000170	.15717	.003456	.0010442
%RSD	.4352749	.3296219	27.71228	95.64783	.9328396	178.4311	114.9763

#1	.3200779	17.11063	.0011309	-.000160	16.75470	-.005807	.0005535
#2	.3228754	17.21892	.0006510	-.000017	17.03004	.000839	.0000875
#3	.3215522	17.19339	.0008372	-.000357	16.76104	-.000841	.0020834

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.706749	.1164501	.1462584	-.000402	1.009846	11.71825	-.004801
Stddev	.069857	.0019127	.0012684	.000207	.005931	.09075	.000348
%RSD	1.884598	1.642489	.8672134	51.62840	.5873441	.7743985	7.245805

#1	3.670206	.1185126	.1448400	-.000569	1.005169	11.65460	-.004774
#2	3.662742	.1147348	.1466518	-.000467	1.007852	11.82216	-.004468
#3	3.787298	.1161029	.1472835	-.000170	1.016518	11.67799	-.005162

Sample Name: K5104-03 Acquired: 10/09/2019 19:20:24 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLMJ2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000193	-.012014	.4570484
Stddev	.000414	.002036	.0008602
%RSD	214.3325	16.94709	.1882011

#1	.000173	-.009808	.4560577
#2	-.000110	-.013822	.4574826
#3	-.000643	-.012410	.4576050

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1771.905	3265.707	41454.50	10371.37	3357.343
Stddev	8.219	3.889	183.47	76.92	4.902
%RSD	.4638639	.1190917	.4425781	.7416463	.1460039

#1	1776.043	3262.284	41599.33	10457.75	3362.626
#2	1777.234	3269.936	41515.99	10310.29	3356.462
#3	1762.439	3264.902	41248.19	10346.06	3352.942

Sample Name: K5104-04 Acquired: 10/09/2019 19:24:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLMJ6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0212110	.0001212	.0093801	-.000255	-.001045	-.028720	.0678538
Stddev	.0005335	.0024839	.0002493	.001683	.001959	.011836	.0005857
%RSD	2.515323	2049.918	2.657421	660.7429	187.4081	41.21072	.8631729

#1	.0217722	-.002745	.0093173	-.001876	-.003190	-.022442	.0671785
#2	.0211504	.001644	.0096548	-.000371	-.000595	-.021346	.0681593
#3	.0207103	.001465	.0091683	.001483	.000649	-.042373	.0682235

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001306	-.000116	94.29039	-.000663	.0022353	.0008465	9.381350
Stddev	.0000948	.000084	.61003	.000102	.0001308	.0014682	.051885
%RSD	72.58958	72.17828	.6469646	15.31960	5.853240	173.4389	.5530630

#1	.0000963	-.000213	93.75175	-.000567	.0023389	-.000782	9.330337
#2	.0002378	-.000076	94.95282	-.000653	.0020883	.002070	9.434064
#3	.0000577	-.000061	94.16661	-.000770	.0022787	.001251	9.379649

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.375113	18.05891	.0010548	-.000875	18.87062	-.000306	.0042813
Stddev	.008403	.15988	.0003694	.000181	.13041	.001434	.0013347
%RSD	.6110961	.8853347	35.01863	20.69200	.6910536	468.1001	31.17573

#1	1.367419	17.89298	.0007881	-.000687	18.75327	-.000807	.0056858
#2	1.384080	18.21196	.0008999	-.000890	18.84757	-.001423	.0041287
#3	1.373838	18.07179	.0014764	-.001048	19.01101	.001311	.0030294

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.897003	.1943699	.1365086	-.000919	.9123067	13.68690	-.005946
Stddev	.013743	.0040713	.0007696	.000198	.0016092	.11478	.001028
%RSD	.3526539	2.094622	.5638078	21.59989	.1763927	.8386018	17.28121

#1	3.886885	.1948546	.1361193	-.001137	.9122253	13.62127	-.006191
#2	3.891474	.1981772	.1373951	-.000872	.9139551	13.81943	-.006828
#3	3.912649	.1900779	.1360113	-.000748	.9107397	13.62000	-.004818

Sample Name: K5104-04 Acquired: 10/09/2019 19:24:29 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLMJ6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000762	-.010180	.4645488
Stddev	.000315	.001789	.0003454
%RSD	41.42134	17.57738	.0743466

#1	-.000483	-.008346	.4649458
#2	-.001104	-.010271	.4643177
#3	-.000698	-.011922	.4643829

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1776.134	3270.682	41516.06	10395.20	3356.322
Stddev	8.912	1.806	184.07	59.19	1.951
%RSD	.5017693	.0552081	.4433760	.5693911	.0581280

#1	1771.036	3270.990	41306.39	10406.52	3357.260
#2	1786.425	3272.313	41651.08	10331.16	3357.627
#3	1770.942	3268.741	41590.70	10447.90	3354.080

Sample Name: K5162-01 Acquired: 10/09/2019 19:28:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GH5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1933474	.0087980	.4583366	.0040384	.0049767	32.62102	.8346952
Stddev	.0043901	.0012554	.0016634	.0012244	.0010673	.09489	.0040968
%RSD	2.270566	14.26964	.3629226	30.31886	21.44661	.2908851	.4908167

#1	.1980372	.0095033	.4564242	.0035163	.0041740	32.72550	.8368548
#2	.1893361	.0095422	.4591376	.0031615	.0061879	32.59735	.8299704
#3	.1926689	.0073485	.4594479	.0054373	.0045681	32.54020	.8372605

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018750	.0029344	16.80756	.1178152	.0356212	.2177628	74.20613
Stddev	.0000839	.0000561	.09443	.0009955	.0001938	.0008391	.23934
%RSD	4.472011	1.911104	.5618196	.8449576	.5439922	.3853120	.3225330

#1	.0017833	.0028910	16.85788	.1187199	.0355346	.2173288	74.44219
#2	.0018941	.0029144	16.69863	.1179770	.0358432	.2172296	73.96364
#3	.0019477	.0029977	16.86617	.1167487	.0354859	.2187299	74.21256

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.43354	18.29980	.0993370	.0056818	.3417976	.1953330	1.114666
Stddev	.08177	.01273	.0008337	.0001334	.2696078	.0040924	.010115
%RSD	.3346752	.0695540	.8392569	2.348268	78.87936	2.095108	.9074133

#1	24.49858	18.29620	.0984419	.0057571	.6457449	.1917996	1.124457
#2	24.34174	18.28927	.1000914	.0055277	.1315111	.1998171	1.104256
#3	24.46030	18.31395	.0994779	.0057606	.2481368	.1943824	1.115285

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.91900	3.023654	-.007895	.0319153	3.562219	2.583606	.0026963
Stddev	.05695	.007645	.001723	.0005145	.014664	.075840	.0008664
%RSD	.4091324	.2528486	21.82452	1.611980	.4116565	2.935417	32.13374

#1	13.88565	3.017638	-.006461	.0319086	3.570780	2.622561	.0020444
#2	13.98475	3.032258	-.009807	.0324330	3.570590	2.632051	.0023649
#3	13.88659	3.021067	-.007418	.0314042	3.545287	2.496205	.0036794

Sample Name: K5162-01 Acquired: 10/09/2019 19:28:33 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0GH5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.033205	.0537118	.1984341
Stddev	.013016	.0029427	.0003617
%RSD	.4291135	5.478766	.1823046

#1	3.035907	.0511089	.1983632
#2	3.019050	.0531215	.1988261
#3	3.044658	.0569049	.1981131

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1869.610	3462.093	43730.70	10987.09	3257.832
Stddev	16.222	9.566	505.88	45.45	7.498
%RSD	.8676630	.2762935	1.156804	.4136841	.2301531

#1	1859.046	3462.649	43214.95	10983.83	3256.212
#2	1888.288	3452.261	44226.10	11034.08	3251.276
#3	1861.496	3471.368	43751.04	10943.36	3266.007

Sample Name: K5162-02 Acquired: 10/09/2019 19:32:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GH6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2276861	.0088911	.5746790	.0244508	.0040921	20.03632	.8737892
Stddev	.0040605	.0035535	.0017488	.0022044	.0016217	.10649	.0056560
%RSD	1.783359	39.96733	.3043009	9.015485	39.63035	.5314787	.6472946

#1	.2323707	.0114508	.5753081	.0219779	.0054042	19.94449	.8673663
#2	.2251757	.0103887	.5727027	.0251651	.0045931	20.01142	.8780254
#3	.2255119	.0048339	.5760261	.0262094	.0022790	20.15305	.8759759

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019272	.0050796	10.84666	.0198753	.0251361	.2573779	37.71381
Stddev	.0000527	.0000688	.06278	.0003746	.0001630	.0021068	.27425
%RSD	2.734282	1.354316	.5787620	1.884875	.6482928	.8185538	.7271783

#1	.0018775	.0050130	10.77892	.0201784	.0251397	.2550640	37.43092
#2	.0019217	.0050753	10.90287	.0199910	.0252972	.2578846	37.97850
#3	.0019825	.0051504	10.85818	.0194564	.0249713	.2591851	37.73200

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.15043	6.894954	.0274021	.0280482	.3081988	.1083661	.9976330
Stddev	.11569	.042202	.0002757	.0004892	.0359723	.0023058	.0099329
%RSD	.6041277	.6120746	1.006094	1.744043	11.67180	2.127755	.9956512

#1	19.03005	6.852915	.0275857	.0281913	.3348275	.1072312	1.008387
#2	19.26078	6.937318	.0275356	.0275034	.3224924	.1110194	.995711
#3	19.16046	6.894628	.0270851	.0284499	.2672766	.1068478	.988802

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.058365	1.625064	-.003088	.0191104	2.784914	3.366968	.0023728
Stddev	.056630	.006989	.000861	.0001763	.008242	.048307	.0014177
%RSD	.8023078	.4300696	27.87063	.9226151	.2959465	1.434730	59.74892

#1	7.019498	1.623042	-.003098	.0193140	2.787045	3.421815	.0038310
#2	7.032258	1.619310	-.003943	.0190067	2.775816	3.348342	.0022878
#3	7.123339	1.632841	-.002222	.0190106	2.791881	3.330747	.0009994

Sample Name: K5162-02 Acquired: 10/09/2019 19:32:35 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0GH6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5230887	.0087125	.2335347
Stddev	.0009671	.0008736	.0009643
%RSD	.1848754	10.02736	.4129194

#1	.5225241	.0084883	.2325962
#2	.5242054	.0096764	.2334850
#3	.5225367	.0079728	.2345229

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1947.806	3612.737	45783.20	11481.35	3300.134
Stddev	10.358	2.105	420.76	44.96	2.638
%RSD	.5317780	.0582548	.9190325	.3916296	.0799270

#1	1935.982	3610.308	45381.81	11528.84	3297.979
#2	1955.275	3614.003	46220.97	11439.43	3299.348
#3	1952.162	3613.901	45746.81	11475.77	3303.076

Sample Name: CCV003 Acquired: 10/09/2019 19:36:38 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV003 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.082306	5.024440	25.34005	4.999794	5.034660	405.5571	10.77145
Stddev	.016741	.007229	.04351	.006906	.007545	4.7998	.09412
%RSD	.3294004	.1438859	.1717143	.1381337	.1498581	1.183519	.8737707

#1	5.064544	5.027099	25.38999	5.001559	5.034240	401.7713	10.68164
#2	5.097793	5.016258	25.31036	4.992177	5.042407	403.9445	10.86935
#3	5.084581	5.029964	25.31979	5.005647	5.027335	410.9556	10.76335

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5178056	2.504062	425.4756	15.62582	2.563427	15.30576	417.5296
Stddev	.0029589	.006015	3.1077	.02248	.004191	.02668	1.5276
%RSD	.5714304	.2402225	.7304146	.1438544	.1634885	.1743326	.3658646

#1	.5208952	2.511005	422.3494	15.60080	2.568094	15.30106	415.8619
#2	.5149976	2.500421	428.5645	15.64431	2.562199	15.33448	418.8611
#3	.5175239	2.500760	425.5127	15.63235	2.559987	15.28174	417.8658

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.54756	410.6475	2.564452	1.311360	414.1154	2.568582	14.85932
Stddev	.09127	1.4261	.002379	.008957	2.6490	.018564	.14923
%RSD	.5870340	.3472858	.0927642	.6830262	.6396677	.7227482	1.004316

#1	15.47805	409.0749	2.567020	1.301039	411.5014	2.551103	14.70357
#2	15.65092	411.8569	2.562323	1.317093	416.7980	2.588068	15.00106
#3	15.51370	411.0107	2.564013	1.315949	414.0467	2.566573	14.87332

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	154.3918	5.386629	5.161807	4.973010	5.274200	5.130467	5.110874
Stddev	.5280	.005786	.012810	.003655	.027605	.023194	.004719
%RSD	.3419755	.1074178	.2481696	.0734886	.5234026	.4520912	.0923366

#1	154.9594	5.393185	5.176326	4.977221	5.242333	5.157020	5.115771
#2	154.3005	5.382234	5.152098	4.971144	5.290779	5.114162	5.110498
#3	153.9154	5.384469	5.156998	4.970665	5.289488	5.120218	5.106355

Sample Name: CCV003 Acquired: 10/09/2019 19:36:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV003 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.188803	5.330135	5.148929
Stddev	.031173	.064388	.014151
%RSD	.6007777	1.207998	.2748263

#1	5.160744	5.258997	5.146764
#2	5.222359	5.384422	5.135985
#3	5.183306	5.346985	5.164037

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1459.701	2734.909	36376.08	9601.459	2608.855
Stddev	4.495	2.008	237.92	23.700	5.102
%RSD	.3079599	.0734294	.6540649	.2468411	.1955817

#1	1464.862	2734.175	36650.17	9588.002	2603.048
#2	1456.640	2733.371	36255.30	9628.824	2610.894
#3	1457.601	2737.181	36222.78	9587.550	2612.621

Sample Name: CCB003 Acquired: 10/09/2019 19:40:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB003 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0035236	.0023553	.0036587	.0002171	-.000746	.0136343	.0008068
Stddev	.0023754	.0041279	.0021966	.0039677	.000993	.0040224	.0003133
%RSD	67.41283	175.2590	60.03685	1827.523	133.0909	29.50228	38.83723

#1	.0062263	-.001917	.0037132	.0047936	-.001865	.0171764	.0004624
#2	.0017672	.006321	.0058276	-.001886	.000028	.0092613	.0010751
#3	.0025774	.002662	.0014354	-.002257	-.000401	.0144652	.0008828

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000882	.0000126	.0053500	-.000031	.0003584	.0022117	.0311640
Stddev	.0000293	.0000087	.0100516	.000233	.0000687	.0018244	.0058505
%RSD	33.23534	68.81285	187.8815	755.2714	19.16054	82.48686	18.77331

#1	.0000953	.0000203	.0168514	-.000132	.0004288	.0026055	.0353159
#2	.0000560	.0000144	.0009493	-.000197	.0002916	.0002226	.0337033
#3	.0001133	.0000032	-.001751	.000236	.0003548	.0038070	.0244729

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011921	-.010150	-.000073	-.000744	-.385538	-.001730	.0010853
Stddev	.0002524	.009501	.000372	.000149	.241892	.000908	.0010520
%RSD	21.17633	93.60269	511.5996	20.04805	62.74132	52.49047	96.92724

#1	.0014835	-.008842	-.000486	-.000895	-.660983	-.002751	.0022471
#2	.0010401	-.001371	.000235	-.000596	-.287930	-.001423	.0001974
#3	.0010527	-.020238	.000033	-.000740	-.207701	-.001015	.0008114

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.045590	.0003922	.0059932	.0004184	-.004916	.0015415	.0002263
Stddev	.074493	.0004342	.0006295	.0002955	.002412	.0011431	.0015142
%RSD	163.3974	110.7017	10.50415	70.63270	49.06312	74.15673	669.1653

#1	.029969	.0008855	.0062302	.0007074	-.002793	.0006090	.0014474
#2	-.047771	.0000679	.0064700	.0001168	-.004416	.0028168	.0006994
#3	-.118969	.0002233	.0052796	.0004309	-.007539	.0011986	-.001468

Sample Name: CCB003 Acquired: 10/09/2019 19:40:41 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB003 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0025016	.0029783	.0002587
Stddev	.0010485	.0007804	.0000658
%RSD	41.91205	26.20326	25.42452

#1	.0025293	.0027625	.0003167
#2	.0035360	.0038440	.0002720
#3	.0014396	.0023286	.0001872

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1717.598	3192.175	40175.27	9948.542	3287.100
Stddev	11.587	.792	111.16	50.982	4.803
%RSD	.6745949	.0248147	.2766823	.5124522	.1461162

#1	1714.456	3191.581	40139.96	9996.911	3287.426
#2	1707.905	3193.074	40086.05	9895.298	3282.142
#3	1730.431	3191.869	40299.79	9953.419	3291.732

Sample Name: K5162-03 Acquired: 10/09/2019 19:44:50 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0GH7 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3703813	.0082254	2.314297	.0028750	.0064008	43.09809	1.304737
Stddev	.0055012	.0022890	.006526	.0026991	.0013006	.10862	.003990
%RSD	1.485279	27.82776	.2819705	93.88077	20.31921	.2520257	.3058460

#1	.3641451	.0057532	2.321832	.0035597	.0072204	43.04458	1.304339
#2	.3745460	.0086520	2.310503	.0051657	.0070807	43.02660	1.300960
#3	.3724530	.0102711	2.310557	-.000100	.0049012	43.22308	1.308911

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0034673	.0090599	25.19511	.0640061	.0381478	.4819636	87.00276
Stddev	.0000128	.0000545	.07255	.0005211	.0003423	.0013986	.16477
%RSD	.3699025	.6011620	.2879655	.8140618	.8972035	.2901831	.1893836

#1	.0034801	.0090955	25.19947	.0646077	.0380015	.4823916	86.86606
#2	.0034545	.0089972	25.12047	.0636948	.0379031	.4830981	86.95649
#3	.0034674	.0090870	25.26538	.0637160	.0385389	.4804010	87.18571

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.37821	20.83991	.0498827	.0187287	1.012153	.2352211	1.684130
Stddev	.03069	.07593	.0005219	.0002275	.138046	.0023519	.008107
%RSD	.1371423	.3643448	1.046222	1.214881	13.63885	.9998592	.4813918

#1	22.36624	20.83207	.0494160	.0188790	.926012	.2343521	1.677928
#2	22.35531	20.76821	.0497859	.0188402	.939072	.2334273	1.681159
#3	22.41308	20.91945	.0504462	.0184670	1.171377	.2378838	1.693304

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.65644	4.028844	-.001775	.0278481	1.777805	4.189284	.0036101
Stddev	.07738	.011464	.000476	.0003229	.011042	.042466	.0014379
%RSD	.4147879	.2845464	26.81961	1.159313	.6210798	1.013678	39.83134

#1	18.64267	4.041435	-.001444	.0281840	1.790262	4.202768	.0050278
#2	18.58687	4.026090	-.001560	.0275401	1.773930	4.141714	.0036497
#3	18.73979	4.019009	-.002320	.0278203	1.769224	4.223372	.0021528

Sample Name: K5162-03 Acquired: 10/09/2019 19:44:50 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0GH7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.106791	.0408252	.3498778
Stddev	.006427	.0026817	.0009568
%RSD	.3050551	6.568647	.2734825

#1	2.105714	.0415323	.3492630
#2	2.100971	.0378609	.3509802
#3	2.113689	.0430825	.3493901

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1862.864	3446.373	43656.06	10843.11	3254.879
Stddev	14.919	6.625	185.16	62.74	6.874
%RSD	.8008396	.1922303	.4241294	.5786292	.2111911

#1	1858.717	3442.077	43690.90	10799.36	3249.984
#2	1879.417	3454.003	43821.32	10915.00	3262.738
#3	1850.457	3443.039	43455.95	10814.98	3251.915

Sample Name: K5162-04 Acquired: 10/09/2019 19:48:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GH8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5979557	.0092795	.8223348	.0005369	.0050000	111.3426	3.060021
Stddev	.0017216	.0024007	.0035041	.0055345	.0022247	1.2377	.037626
%RSD	.2879204	25.87122	.4261171	1030.883	44.49431	1.111586	1.229584

#1	.5994551	.0118017	.8219704	-.001792	.0041359	111.7489	3.066949
#2	.5960755	.0070222	.8190271	.006855	.0033369	112.3261	3.093701
#3	.5983364	.0090146	.8260068	-.003453	.0075271	109.9529	3.019413

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0090103	.0079037	46.23291	.1182916	.0950502	.6616313	186.1425
Stddev	.0001923	.0001200	.59662	.0006554	.0005565	.0079578	2.2762
%RSD	2.133972	1.517717	1.290462	.5540234	.5854683	1.202754	1.222807

#1	.0090164	.0079464	46.38257	.1190392	.0946583	.6613069	186.4923
#2	.0091995	.0077683	46.74044	.1180197	.0948052	.6697464	188.2234
#3	.0088151	.0079965	45.57570	.1178160	.0956872	.6538407	183.7116

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.82255	50.06958	.1224742	.0095315	1.229443	.3580474	1.351896
Stddev	.33198	.67138	.0007942	.0004537	.091962	.0068842	.011093
%RSD	1.521254	1.340890	.6484473	4.760421	7.479993	1.922705	.8205461

#1	21.86756	50.17285	.1227433	.0100554	1.229906	.3601477	1.354776
#2	22.12972	50.68334	.1215805	.0092673	1.137250	.3636368	1.339647
#3	21.47036	49.35255	.1230989	.0092718	1.321173	.3503577	1.361264

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	39.04442	5.708628	-.008974	.0073227	10.87440	6.406141	.0108748
Stddev	.42425	.024125	.003922	.0003146	.02076	.235474	.0023171
%RSD	1.086580	.4226067	43.70178	4.296283	.1909153	3.675754	21.30663

#1	39.27399	5.707798	-.011693	.0070374	10.89768	6.630480	.0093125
#2	39.30440	5.733157	-.010750	.0076601	10.85781	6.427021	.0135369
#3	38.55485	5.684928	-.004478	.0072707	10.86772	6.160922	.0097749

Sample Name: K5162-04 Acquired: 10/09/2019 19:48:51 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0GH8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.112202	.1358298	.6194348
Stddev	.030038	.0028852	.0071421
%RSD	.9651765	2.124152	1.152999

#1	3.120763	.1351939	.6218797
#2	3.137030	.1389799	.6250333
#3	3.078813	.1333155	.6113913

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1952.167	3631.938	46075.42	11641.08	3151.696
Stddev	22.981	7.407	424.61	217.16	4.305
%RSD	1.177212	.2039400	.9215440	1.865437	.1365832

#1	1930.502	3623.882	45590.04	11506.10	3147.071
#2	1976.269	3633.479	46378.04	11525.57	3152.432
#3	1949.730	3638.454	46258.19	11891.58	3155.586

Sample Name: K5162-05 Acquired: 10/09/2019 19:52:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GH9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0564422	-.001198	.0971604	-.000317	-.001843	38.10273	1.396914
Stddev	.0025605	.001626	.0011387	.001901	.001173	.14175	.010062
%RSD	4.536424	135.7521	1.171998	599.5670	63.64611	.3720201	.7203149

#1	.0593988	-.002458	.0971502	-.002509	-.000659	37.97145	1.388129
#2	.0549540	.000638	.0960269	.000672	-.003004	38.08370	1.394721
#3	.0549739	-.001774	.0983043	.000885	-.001866	38.25303	1.407892

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0036667	.0013560	20.85477	.0893092	.0302472	.1033696	52.39355
Stddev	.0001014	.0000471	.13270	.0005278	.0001715	.0024974	.21990
%RSD	2.764263	3.474614	.6363248	.5909518	.5670373	2.415948	.4197112

#1	.0036560	.0014069	20.74914	.0889149	.0304042	.1007463	52.20007
#2	.0035711	.0013140	20.81146	.0891040	.0302733	.1036442	52.34788
#3	.0037730	.0013471	21.00372	.0899088	.0300642	.1057184	52.63270

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.324217	22.46157	.0550647	-.003718	.8564257	.1271444	.2790762
Stddev	.012193	.07729	.0006977	.000564	.3690269	.0050515	.0048776
%RSD	.5246216	.3440985	1.267094	15.17755	43.08919	3.973007	1.747783

#1	2.311575	22.41440	.0558693	-.003613	1.219547	.1219382	.2795712
#2	2.325170	22.41954	.0546271	-.003213	.867966	.1274695	.2836875
#3	2.335906	22.55076	.0546975	-.004327	.481764	.1320254	.2739699

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.96097	2.715743	-.005135	.0005252	.4927423	2.675919	.0008670
Stddev	.15683	.008979	.000992	.0002237	.0032845	.058494	.0012100
%RSD	.8731788	.3306247	19.31465	42.60097	.6665664	2.185934	139.5655

#1	17.79809	2.725786	-.005556	.0002940	.4890162	2.723095	.0012715
#2	17.97388	2.712953	-.004002	.0007406	.4952174	2.610470	.0018230
#3	18.11095	2.708490	-.005847	.0005409	.4939934	2.694192	-.000493

Sample Name: K5162-05 Acquired: 10/09/2019 19:52:50 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0GH9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.076338	.0161480	.2372236
Stddev	.010812	.0014395	.0010012
%RSD	.3514715	8.914414	.4220517

#1	3.065727	.0152005	.2361159
#2	3.075946	.0154390	.2374908
#3	3.087341	.0178045	.2380641

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1836.213	3386.915	42837.92	10774.01	3275.657
Stddev	21.003	1.713	373.21	103.33	2.048
%RSD	1.143834	.0505842	.8712047	.9590409	.0625088

#1	1843.335	3388.343	43004.72	10799.52	3273.637
#2	1812.575	3387.387	42410.41	10862.20	3275.605
#3	1852.729	3385.015	43098.65	10660.32	3277.731

Sample Name: K5162-06 Acquired: 10/09/2019 19:56:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GJ0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5852674	.0102366	2.875130	-.000953	.0135846	52.96066
Stddev	.0035986	.0027810	.006102	.002168	.0017477	.27064
%RSD	.6148653	27.16750	.2122469	227.5279	12.86512	.5110124

#1	.5835121	.0085127	2.868084	.000521	.0122051	52.71909
#2	.5828833	.0087523	2.878702	.000062	.0155500	52.90976
#3	.5894068	.0134449	2.878603	-.003442	.0129988	53.25313

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.758092	.0041513	.0260325	99.57678	.0553855	.0675633
Stddev	.012418	.0000680	.0001065	.71062	.0003156	.0007073
%RSD	.7063237	1.638129	.4090773	.7136413	.5698966	1.046856

#1	1.748462	.0041858	.0259862	98.94767	.0553842	.0668886
#2	1.753705	.0040729	.0261543	99.43510	.0550705	.0682992
#3	1.772107	.0041951	.0259570	100.3476	.0557018	.0675023

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.446873	166.1366	F 41.93232	31.38588	.0776638	.0264130
Stddev	.030035	.8608	.30395	.20951	.0003255	.0001432
%RSD	.4658900	.5181045	.7248625	.6675412	.4190853	.5420991

#1	6.414439	165.3230	41.65223	31.19891	.0778188	.0262480
#2	6.452451	166.0489	41.88920	31.34641	.0772898	.0265046
#3	6.473728	167.0378	42.25553	31.61232	.0778828	.0264864

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.560518	.2891102	15.30218	21.85046	4.621651	-.002466
Stddev	.325138	.0048771	.06589	.07713	.014195	.001784
%RSD	20.83530	1.686926	.4305929	.3529885	.3071480	72.34801

#1	1.870274	.2834870	15.33460	21.81608	4.606140	-.002466
#2	1.589360	.2921864	15.34558	21.93880	4.624818	-.000682
#3	1.221919	.2916573	15.22636	21.79650	4.633996	-.004251

Sample Name: K5162-06 Acquired: 10/09/2019 19:56:53 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0GJ0 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0377158	7.097749	4.093279	.0175292	3.458950	.1260094
Stddev	.0000970	.025412	.049147	.0012254	.018426	.0012096
%RSD	.2572879	.3580233	1.200684	6.990565	.5326988	.9599247

#1	.0378087	7.071356	4.042831	.0168009	3.439194	.1252437
#2	.0377235	7.099844	4.095994	.0168427	3.461988	.1253806
#3	.0376151	7.122049	4.141013	.0189439	3.475668	.1274039

Elem	Sr4077
Units	ppm
Avg	.9665712
Stddev	.0035516
%RSD	.3674477

#1	.9625746
#2	.9677728
#3	.9693661

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1838.693	3405.075	43238.72	10959.48	3149.470
Stddev	11.650	7.254	483.76	34.38	8.452
%RSD	.6336229	.2130311	1.118813	.3136640	.2683702

#1	1827.895	3413.357	42777.41	10958.45	3159.126
#2	1837.143	3399.853	43742.17	10994.36	3143.410
#3	1851.041	3402.013	43196.59	10925.63	3145.874

Sample Name: K5162-07 Acquired: 10/09/2019 20:00:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GJ1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2252956	.0046701	1.448569	.0025641	-.000536	81.55096	1.312246
Stddev	.0040432	.0028053	.005235	.0034143	.001292	.19570	.006618
%RSD	1.794640	60.06858	.3613892	133.1593	240.9950	.2399762	.5043167

#1	.2294774	.0043146	1.453682	.0014026	-.001557	81.36095	1.311821
#2	.2250028	.0020595	1.443220	-.000118	-.000967	81.75190	1.319065
#3	.2214068	.0076362	1.448806	.006408	.000916	81.54004	1.305850

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0057713	.0045362	153.4875	.0981137	.0703744	.4227999	158.5511
Stddev	.0001469	.0001755	.5618	.0006714	.0000906	.0015530	.5180
%RSD	2.545245	3.868544	.3660013	.6842815	.1287527	.3673070	.3267316

#1	.0058892	.0047357	153.2130	.0986753	.0703550	.4238971	158.0825
#2	.0058180	.0044059	154.1337	.0973701	.0704731	.4210230	159.1074
#3	.0056067	.0044669	153.1157	.0982956	.0702950	.4234797	158.4633

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.78642	54.06486	.0764171	.0007588	1.833592	.4532213	3.102760
Stddev	.08847	.13834	.0002941	.0003949	.133607	.0039763	.014612
%RSD	.4709386	.2558732	.3848155	52.04362	7.286621	.8773360	.4709277

#1	18.71885	53.90728	.0767090	.0003720	1.963775	.4486694	3.094166
#2	18.88656	54.12095	.0761210	.0011613	1.840194	.4560180	3.094482
#3	18.75385	54.16634	.0764214	.0007430	1.696806	.4549763	3.119631

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.85993	5.950115	-.003372	.0080350	3.313669	7.762712	-.000296
Stddev	.09893	.008746	.002301	.0004124	.009314	.025542	.002003
%RSD	.3551002	.1469818	68.22865	5.132788	.2810712	.3290362	677.2915

#1	27.96188	5.957414	-.005731	.0080155	3.323334	7.775640	-.002206
#2	27.85358	5.952510	-.003253	.0076327	3.304751	7.779205	.001789
#3	27.76432	5.940422	-.001134	.0084568	3.312922	7.733290	-.000470

Sample Name: K5162-07 Acquired: 10/09/2019 20:00:51 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0GJ1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.876568	.3648843	1.061853
Stddev	.013016	.0037143	.001259
%RSD	.2214916	1.017940	.1186117

#1	5.861674	.3661267	1.062774
#2	5.885760	.3678182	1.062367
#3	5.882270	.3607081	1.060418

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1833.664	3384.345	43042.88	10823.17	3085.091
Stddev	4.417	5.884	146.16	82.04	2.058
%RSD	.2409098	.1738539	.3395761	.7580258	.0667057

#1	1828.724	3377.677	42874.20	10802.91	3082.719
#2	1837.236	3388.808	43132.22	10753.17	3086.402
#3	1835.031	3386.550	43122.21	10913.45	3086.153

Sample Name: K5162-08 Acquired: 10/09/2019 20:04:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GJ2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8474173	.0250533	3.666211	.0050169	.0049596	64.74115
Stddev	.0035533	.0049873	.007050	.0033136	.0017950	.31058
%RSD	.4193054	19.90664	.1923068	66.04847	36.19143	.4797218

#1	.8458187	.0196920	3.670705	.0081075	.0064427	64.43527
#2	.8449441	.0295547	3.669843	.0054249	.0054719	65.05622
#3	.8514891	.0259133	3.658085	.0015182	.0029642	64.73195

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.002513	.0028210	.0634026	245.9028	.0549984	.0931735
Stddev	.016733	.0001382	.0001526	2.0728	.0003416	.0001963
%RSD	.8355982	4.900428	.2406856	.8429252	.6210515	.2107008

#1	1.983213	.0026626	.0634597	243.5115	.0546889	.0933972
#2	2.011387	.0029174	.0635184	247.0124	.0549414	.0930934
#3	2.012941	.0028830	.0632297	247.1847	.0553649	.0930299

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.32889	144.3215	F 76.65841	26.72028	.0913288	.0497121
Stddev	.02054	.7348	.16285	.13148	.0008120	.0004466
%RSD	.1185591	.5091286	.2124322	.4920630	.8890643	.8984288

#1	17.31023	143.4758	76.47062	26.57143	.0908081	.0495473
#2	17.35090	144.8036	76.76071	26.82057	.0922644	.0493712
#3	17.32552	144.6851	76.74389	26.76884	.0909139	.0502176

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.398352	.2388422	20.82270	19.09389	4.818090	-.002973
Stddev	.175804	.0047363	.12520	.10409	.009562	.000819
%RSD	7.330203	1.983027	.6012493	.5451505	.1984641	27.55481

#1	2.591301	.2334672	20.96046	19.08207	4.829066	-.002468
#2	2.356515	.2406550	20.79179	19.20339	4.811562	-.002534
#3	2.247241	.2424043	20.71585	18.99622	4.813642	-.003919

Sample Name: K5162-08 Acquired: 10/09/2019 20:04:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GJ2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0349034	28.42206	5.551421	.0154131	2.247019	.1220367
Stddev	.0004112	.04653	.101811	.0006514	.009536	.0021031
%RSD	1.178112	.1637056	1.833957	4.226071	.4243646	1.723311

#1	.0353773	28.47563	5.436462	.0151483	2.239415	.1196608
#2	.0346412	28.39173	5.587603	.0149358	2.257717	.1227896
#3	.0346917	28.39882	5.630200	.0161552	2.243924	.1236597

Elem	Sr4077
Units	ppm
Avg	1.946803
Stddev	.006882
%RSD	.3535014

#1	1.938924
#2	1.951639
#3	1.949847

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1856.465	3444.197	43722.54	11044.24	3072.503
Stddev	8.813	5.493	83.40	77.00	5.666
%RSD	.4747364	.1594898	.1907442	.6971827	.1844231

#1	1853.921	3438.886	43626.34	11132.46	3067.086
#2	1849.204	3443.847	43774.39	10990.54	3072.033
#3	1866.271	3449.856	43766.89	11009.74	3078.390

Sample Name: K5162-09 Acquired: 10/09/2019 20:08:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GJ3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1669006	.0086941	.2051687	.0003080	-.001199	70.22560	.4299712
Stddev	.0034388	.0032206	.0004867	.0026268	.000621	.22274	.0024674
%RSD	2.060393	37.04359	.2372301	852.7238	51.80630	.3171806	.5738575

#1	.1629298	.0121948	.2057280	-.002529	-.001879	69.99009	.4283729
#2	.1688695	.0080307	.2049372	.002655	-.000662	70.43288	.4328130
#3	.1689024	.0058569	.2048409	.000798	-.001055	70.25383	.4287278

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0034881	.0009227	65.56172	.0334206	.0601409	.2115709	142.8209
Stddev	.0000714	.0001075	.34013	.0004276	.0002130	.0014685	.6899
%RSD	2.047612	11.64748	.5187928	1.279505	.3541283	.6940749	.4830268

#1	.0034344	.0008937	65.29412	.0339140	.0599205	.2125535	142.1327
#2	.0034607	.0008328	65.94448	.0331588	.0601566	.2122763	143.5124
#3	.0035692	.0010417	65.44656	.0331889	.0603456	.2098828	142.8175

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.26781	50.16783	.0543630	-.003875	1.863740	.2546807	6.654558
Stddev	.06845	.24933	.0006425	.000484	.111735	.0022001	.017147
%RSD	.3377088	.4969937	1.181777	12.49283	5.995183	.8638522	.2576695

#1	20.20858	49.89728	.0537032	-.004296	1.974867	.2565559	6.650678
#2	20.34275	50.38835	.0549865	-.003346	1.864945	.2552274	6.673312
#3	20.25210	50.21786	.0543992	-.003984	1.751408	.2522589	6.639684

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.98212	6.413504	-.004083	.0128908	5.310322	1.662255	-.001708
Stddev	.01588	.016939	.001372	.0003385	.016671	.003848	.001081
%RSD	.1059685	.2641084	33.60666	2.625798	.3139378	.2315229	63.27538

#1	14.96893	6.400655	-.003414	.0129008	5.323811	1.662525	-.000469
#2	14.97769	6.432699	-.003174	.0125475	5.315470	1.665961	-.002453
#3	14.99974	6.407156	-.005661	.0132242	5.291683	1.658278	-.002202

Sample Name: K5162-09 Acquired: 10/09/2019 20:08:56 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0GJ3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.767322	.1094654	.6725899
Stddev	.017515	.0008480	.0014065
%RSD	.3674064	.7746709	.2091249

#1	4.752037	.1085555	.6713031
#2	4.786435	.1102336	.6723752
#3	4.763493	.1096071	.6740915

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1808.338	3336.276	42236.39	10544.74	3178.954
Stddev	2.483	.686	196.36	13.51	2.703
%RSD	.1373118	.0205687	.4649186	.1281511	.0850237

#1	1805.704	3336.939	42018.60	10554.67	3177.493
#2	1810.635	3336.322	42399.92	10529.35	3177.297
#3	1808.675	3335.569	42290.65	10550.20	3182.073

Sample Name: K5162-10 Acquired: 10/09/2019 20:12:58 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0GJ4 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2131881	.0153249	3.190536	.0056857	-.001701	48.97916
Stddev	.0033845	.0028553	.003210	.0038586	.000786	.03822
%RSD	1.587554	18.63173	.1006258	67.86413	46.18663	.0780366

#1	.2097937	.0181886	3.187595	.0099024	-.001088	48.94276
#2	.2165626	.0124780	3.193961	.0048235	-.001429	48.97574
#3	.2132081	.0153082	3.190052	.0023312	-.002587	49.01897

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9991384	.0023647	.0295323	152.2716	.0683365	.0447727
Stddev	.0039733	.0000823	.0001904	.5282	.0009932	.0006355
%RSD	.3976697	3.481376	.6445949	.3468615	1.453345	1.419428

#1	.9986889	.0023463	.0294260	152.2517	.0672343	.0441881
#2	1.003317	.0024546	.0297521	152.8093	.0686131	.0454491
#3	.995409	.0022931	.0294188	151.7535	.0691620	.0446809

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.561698	99.81342	F 54.74877	25.93135	.0596841	.0251532
Stddev	.005766	.22061	.69604	.06688	.0008772	.0002344
%RSD	.1036740	.2210200	1.271327	.2579219	1.469683	.9320532

#1	5.556350	99.60750	55.21392	25.95931	.0600577	.0250366
#2	5.560938	100.0463	55.08381	25.97972	.0586820	.0250000
#3	5.567807	99.7865	53.94857	25.85502	.0603127	.0254231

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.205474	.2685584	10.69220	19.16715	3.277148	.0001829
Stddev	.235082	.0002516	.11458	.12878	.004707	.0012880
%RSD	19.50122	.0936840	1.071591	.6718620	.1436240	704.2433

#1	1.476903	.2684630	10.56037	19.08054	3.277370	-.001180
#2	1.066848	.2688437	10.74840	19.10579	3.281740	.001380
#3	1.072672	.2683683	10.76783	19.31514	3.272334	.000349

Sample Name: K5162-10 Acquired: 10/09/2019 20:12:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GJ4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0047221	8.780384	5.712991	-.000516	2.911782	.0671441
Stddev	.0000613	.024544	.054195	.000958	.006729	.0017920
%RSD	1.297370	.2795340	.9486269	185.6711	.2310809	2.668886

#1	.0046546	8.767719	5.775541	.000590	2.919481	.0677128
#2	.0047742	8.808673	5.680057	-.001090	2.907030	.0685827
#3	.0047376	8.764759	5.683376	-.001047	2.908834	.0651367

Elem	Sr4077
Units	ppm
Avg	1.096195
Stddev	.004120
%RSD	.3758381

#1	1.093496
#2	1.094152
#3	1.100937

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1833.183	3388.198	42960.40	10870.93	3133.026
Stddev	15.886	3.574	251.05	10.62	8.689
%RSD	.8666061	.1054943	.5843773	.0977310	.2773304

#1	1851.480	3388.014	43192.00	10864.92	3126.747
#2	1825.174	3384.719	42693.61	10864.67	3129.389
#3	1822.895	3391.860	42995.60	10883.19	3142.943

Sample Name: K5162-11 Acquired: 10/09/2019 20:17:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GJ5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6769012	.0332078	4.185918	.0154676	.0105175	34.73014
Stddev	.0029542	.0029637	.006885	.0013128	.0028260	.17028
%RSD	.4364271	8.924583	.1644812	8.487390	26.86968	.4903003

#1	.6738397	.0355427	4.191101	.0165869	.0072951	34.56004
#2	.6771288	.0298737	4.178106	.0140226	.0116836	34.72977
#3	.6797349	.0342070	4.188547	.0157932	.0125739	34.90060

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.084997	.0028643	.0518064	26.82819	.0203420	.0938635
Stddev	.007354	.0001814	.0002102	.23357	.0010782	.0004610
%RSD	.6777955	6.334207	.4056967	.8706203	5.300292	.4911693

#1	1.080759	.0028592	.0520441	26.68598	.0213286	.0933896
#2	1.080743	.0026855	.0517301	26.70083	.0205063	.0938903
#3	1.093489	.0030482	.0516450	27.09776	.0191911	.0943105

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.90187	287.8323	F 76.13078	13.65271	.0483021	.0710933
Stddev	.00762	1.7082	1.46976	.04104	.0007150	.0002012
%RSD	.0640475	.5934573	1.930574	.3005685	1.480221	.2829418

#1	11.89318	286.7966	75.16819	13.62118	.0491148	.0709460
#2	11.90501	286.8964	75.40158	13.63784	.0477697	.0710115
#3	11.90742	289.8039	77.82255	13.69910	.0480220	.0713225

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6164631	.2497645	14.86743	12.89128	3.360763	-.023142
Stddev	.1210976	.0022422	.12494	.07963	.021806	.003288
%RSD	19.64394	.8977420	.8403685	.6177365	.6488504	14.20928

#1	.5609431	.2476416	14.82612	12.85992	3.342949	-.023758
#2	.7553661	.2495422	15.00780	12.83210	3.354259	-.019589
#3	.5330799	.2521096	14.76838	12.98182	3.385081	-.026079

Sample Name: K5162-11 Acquired: 10/09/2019 20:17:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GJ5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0313175	F 168.8234	4.577463	.0144741	1.177248	.0230280
Stddev	.0006112	.5651	.064051	.0004057	.001410	.0012370
%RSD	1.951739	.3347023	1.399258	2.802922	.1197888	5.371685
#1	.0314584	168.8622	4.538870	.0143013	1.178159	.0243181
#2	.0306481	168.2400	4.542120	.0149376	1.177960	.0218520
#3	.0318460	169.3681	4.651398	.0141835	1.175623	.0229141

Elem	Sr4077
Units	ppm
Avg	.2834135
Stddev	.0006160
%RSD	.2173511
#1	.2828872
#2	.2832622
#3	.2840910

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1893.780	3515.319	44485.70	11093.70	3260.051
Stddev	9.015	6.695	87.87	106.53	2.223
%RSD	.4760511	.1904641	.1975233	.9602936	.0681871
#1	1902.940	3520.910	44384.35	11118.57	3262.612
#2	1884.917	3507.899	44540.49	11185.59	3258.922
#3	1893.483	3517.148	44532.26	10976.93	3258.619

Sample Name: K5162-12 Acquired: 10/09/2019 20:21:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GJ6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7695814	.0096460	12.21056	.0011087	.0011040	103.2298	2.651734
Stddev	.0034431	.0031978	.01243	.0014170	.0009686	.4820	.017305
%RSD	.4473957	33.15168	.1018011	127.8057	87.73352	.4669551	.6525991

#1	.7734370	.0105286	12.19874	.0009170	.0004958	102.7264	2.635586
#2	.7684933	.0123098	12.22353	.0026118	.0005952	103.2758	2.649615
#3	.7668138	.0060996	12.20941	-.000203	.0022209	103.6872	2.670001

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0105201	.0515263	41.31721	.0990867	.0887309	10.89745	195.7145
Stddev	.0001193	.0002084	.31797	.0003381	.0004005	.04867	1.2136
%RSD	1.133693	.4045257	.7695808	.3411990	.4513183	.4466414	.6201072

#1	.0103934	.0515898	41.05142	.0992273	.0883939	10.84659	194.5966
#2	.0105365	.0516956	41.23074	.0993318	.0891736	10.90217	195.5416
#3	.0106303	.0512935	41.66947	.0987010	.0886253	10.94359	197.0054

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.08056	49.57981	.1136771	.1658102	1.892348	.2976587	23.16506
Stddev	.14670	.21649	.0005990	.0010570	.073935	.0015398	.16295
%RSD	.6356191	.4366489	.5269281	.6374494	3.907056	.5173204	.7034438

#1	22.91972	49.33721	.1141440	.1660088	1.852101	.2973378	23.04944
#2	23.11494	49.64888	.1138856	.1646681	1.847267	.2963046	23.09431
#3	23.20703	49.75334	.1130017	.1667538	1.977675	.2993337	23.35143

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	34.74292	5.423091	-.006968	.0127224	11.90479	6.830102	.0094964
Stddev	.18435	.012117	.000358	.0003339	.03858	.030496	.0007085
%RSD	.5306253	.2234268	5.141356	2.624825	.3240752	.4464967	7.460438

#1	34.53470	5.409457	-.007295	.0127452	11.92190	6.808874	.0102754
#2	34.88536	5.427186	-.007023	.0130443	11.93186	6.865048	.0088906
#3	34.80872	5.432629	-.006585	.0123776	11.86061	6.816383	.0093232

Sample Name: K5162-12 Acquired: 10/09/2019 20:21:13 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0GJ6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.513558	.1146897	.4890118
Stddev	.016141	.0014188	.0020286
%RSD	.4593781	1.237119	.4148306

#1	3.495657	.1131439	.4867293
#2	3.518016	.1149922	.4906089
#3	3.527000	.1159328	.4896972

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1956.717	3623.233	45753.10	11552.29	3147.873
Stddev	8.923	10.399	295.78	56.35	4.998
%RSD	.4560175	.2870194	.6464660	.4877881	.1587848

#1	1958.207	3615.216	45621.85	11609.85	3145.400
#2	1964.801	3634.984	46091.79	11549.80	3153.625
#3	1947.143	3619.499	45545.66	11497.23	3144.593

Sample Name: K5162-13 Acquired: 10/09/2019 20:25:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GJ7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6677434	.0600150	9.703388	.0102948	-.000338	69.71146
Stddev	.0033820	.0072310	.030280	.0038205	.002482	.09897
%RSD	.5064828	12.04861	.3120513	37.11076	735.1121	.1419681

#1	.6648720	.0566914	9.694751	.0093348	.002254	69.59783
#2	.6714713	.0683102	9.737047	.0145037	-.002693	69.77878
#3	.6668869	.0550434	9.678365	.0070459	-.000574	69.75777

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.448382	.0004043	.0524547	38.06751	.0594450	.1416921
Stddev	.010355	.0000600	.0002327	.21130	.0010914	.0001625
%RSD	.4229411	14.83551	.4436979	.5550613	1.835978	.1147131

#1	2.454333	.0004571	.0523365	38.15629	.0582606	.1418775
#2	2.436425	.0003391	.0527228	37.82631	.0596643	.1415737
#3	2.454388	.0004167	.0523048	38.21994	.0604101	.1416253

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.95553	133.9764	F 134.5568	31.59299	.0908001	.1701368
Stddev	.06239	.5180	.6295	.17459	.0001082	.0012737
%RSD	.2717766	.3866067	.4678597	.5526178	.1191533	.7486450

#1	22.89488	134.0356	134.7073	31.68169	.0907221	.1699975
#2	23.01952	133.4314	133.8656	31.39186	.0907547	.1689384
#3	22.95218	134.4623	135.0974	31.70543	.0909236	.1714744

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.367194	.2823263	24.87940	19.60188	4.540241	-.000623
Stddev	.188103	.0029370	.23744	.07503	.009945	.002752
%RSD	7.946248	1.040270	.9543551	.3827530	.2190399	441.8986

#1	2.546586	.2820353	24.60527	19.58288	4.539696	-.003689
#2	2.171448	.2795456	25.01233	19.68458	4.550447	.001635
#3	2.383549	.2853979	25.02060	19.53817	4.530579	.000186

Sample Name: K5162-13 Acquired: 10/09/2019 20:25:08 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0GJ7 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0576622	11.66719	5.525287	.0088691	2.220624	.0621806
Stddev	.0008371	.04007	.084241	.0006064	.003213	.0020441
%RSD	1.451790	.3434099	1.524652	6.837435	.1447009	3.287334
#1	.0570097	11.64477	5.615439	.0092420	2.222408	.0643665
#2	.0586061	11.71345	5.448571	.0081694	2.222549	.0603164
#3	.0573708	11.64335	5.511850	.0091960	2.216914	.0618591

Elem	Sr4077
Units	ppm
Avg	.5200655
Stddev	.0023780
%RSD	.4572485
#1	.5175583
#2	.5222888
#3	.5203495

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1955.057	3596.601	45670.73	11354.18	3165.467
Stddev	9.270	6.588	291.77	78.53	3.854
%RSD	.4741631	.1831854	.6388587	.6916489	.1217472
#1	1965.739	3601.901	45851.92	11271.21	3165.097
#2	1950.317	3598.677	45826.13	11427.36	3161.811
#3	1949.115	3589.224	45334.15	11363.97	3169.492

Sample Name: K5162-14 Acquired: 10/09/2019 20:29:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GJ8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4222377	.0136694	11.91311	.0043223	.0038115	42.24749
Stddev	.0023802	.0036257	.01068	.0012891	.0021701	.01519
%RSD	.5637152	26.52427	.0896817	29.82552	56.93514	.0359597

#1	.4245209	.0135567	11.90086	.0028369	.0057137	42.26473
#2	.4197711	.0101013	11.91801	.0049800	.0014478	42.24169
#3	.4224210	.0173501	11.92047	.0051499	.0042728	42.23605

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.271307	.0038896	.0877440	30.12988	.0494680	.1194046
Stddev	.004501	.0000562	.0002276	.10040	.0002413	.0003075
%RSD	.3540716	1.443916	.2594385	.3332160	.4877059	.2575447

#1	1.273465	.0038824	.0875594	30.14034	.0495123	.1190977
#2	1.274323	.0038374	.0876742	30.22464	.0496840	.1194035
#3	1.266133	.0039490	.0879984	30.02467	.0492076	.1197127

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.33434	93.24205	F 33.98722	21.71131	.0456112	.1071925
Stddev	.00831	.23197	.14108	.08704	.0004058	.0002496
%RSD	.0508528	.2487849	.4150857	.4008884	.8896415	.2328156

#1	16.33524	93.14648	34.06324	21.66263	.0451962	.1070308
#2	16.34217	93.50654	34.07399	21.81180	.0456305	.1070669
#3	16.32563	93.07313	33.82444	21.65950	.0460070	.1074800

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.060901	.1676106	20.54922	13.85028	8.637782	.0001370
Stddev	.124592	.0011803	.08380	.01114	.009060	.0005833
%RSD	11.74394	.7041771	.4078087	.0804426	.1048872	425.6374

#1	1.194412	.1688428	20.48448	13.86225	8.627392	.0008005
#2	1.040559	.1664902	20.51930	13.84021	8.644030	-.000295
#3	.947732	.1674988	20.64388	13.84838	8.641926	-.000094

Sample Name: K5162-14 Acquired: 10/09/2019 20:29:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GJ8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0218461	14.47925	2.567616	.0027818	2.477827	.0387712
Stddev	.0001627	.01011	.011347	.0013793	.006847	.0001195
%RSD	.7449493	.0698140	.4419270	49.58312	.2763374	.3082215
#1	.0219252	14.47368	2.580354	.0030767	2.483144	.0388109
#2	.0219542	14.49092	2.563908	.0039899	2.480235	.0388658
#3	.0216589	14.47315	2.558588	.0012789	2.470101	.0386369

Elem	Sr4077
Units	ppm
Avg	.2710647
Stddev	.0004133
%RSD	.1524610
#1	.2706570
#2	.2714833
#3	.2710536

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1910.292	3530.794	44813.61	11158.64	3255.754
Stddev	7.294	8.807	184.97	65.70	5.062
%RSD	.3818056	.2494241	.4127445	.5887419	.1554745
#1	1918.181	3529.008	44603.50	11153.75	3257.559
#2	1903.795	3523.018	44885.46	11095.53	3250.037
#3	1908.898	3540.357	44951.88	11226.65	3259.665

Sample Name: K5162-15 Acquired: 10/09/2019 20:33:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GJ9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1426341	.0024371	.2009255	.0009004	-.000613	36.20803	1.204928
Stddev	.0031425	.0012553	.0018145	.0027241	.000387	.13001	.002736
%RSD	2.203184	51.50796	.9030920	302.5495	63.05576	.3590765	.2270274

#1	.1449162	.0024075	.2015851	.0040102	-.000721	36.09859	1.202636
#2	.1390499	.0037070	.2023179	-.001063	-.000935	36.17376	1.204192
#3	.1439363	.0011969	.1988734	-.000246	-.000184	36.35175	1.207956

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032217	.0046935	38.88043	.0612339	.0296568	.3413464	53.53489
Stddev	.0000504	.0001399	.08402	.0001101	.0001120	.0002548	.10984
%RSD	1.564947	2.981400	.2160924	.1797714	.3774858	.0746442	.2051757

#1	.0032350	.0048113	38.79423	.0611565	.0296048	.3410578	53.41198
#2	.0031659	.0045388	38.88496	.0613599	.0297853	.3414408	53.56922
#3	.0032641	.0047303	38.96208	.0611852	.0295804	.3415404	53.62346

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.968927	19.00686	.0468711	-.000808	.8984212	.1450232	.6854869
Stddev	.007109	.02200	.0008967	.000470	.0746311	.0025601	.0039975
%RSD	.2394398	.1157434	1.913092	58.18487	8.306911	1.765312	.5831572

#1	2.965415	19.03187	.0473240	-.000269	.8251812	.1478611	.6822324
#2	2.964257	18.99818	.0458383	-.001131	.9743696	.1428873	.6842795
#3	2.977108	18.99052	.0474510	-.001025	.8957126	.1443214	.6899489

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.55795	2.792227	.0142397	.0054914	4.842259	3.254794	.0012110
Stddev	.09881	.008040	.0005388	.0003280	.006854	.014903	.0004953
%RSD	.6787303	.2879268	3.783677	5.972249	.1415541	.4578809	40.89644

#1	14.55726	2.785724	.0140517	.0056114	4.843652	3.270955	.0016200
#2	14.45949	2.801216	.0138200	.0051204	4.834815	3.241593	.0006604
#3	14.65710	2.789742	.0148472	.0057425	4.848310	3.251835	.0013526

Sample Name: K5162-15 Acquired: 10/09/2019 20:33:10 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0GJ9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.461370	.0236006	.5365442
Stddev	.012035	.0017185	.0021012
%RSD	.4889712	7.281482	.3916211

#1	2.451004	.0218394	.5347753
#2	2.458538	.0236894	.5359904
#3	2.474569	.0252729	.5388668

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1818.159	3358.178	42570.49	10645.49	3285.578
Stddev	7.560	1.892	164.82	27.77	3.463
%RSD	.4157831	.0563413	.3871673	.2608407	.1053876

#1	1826.877	3359.453	42753.70	10615.72	3281.625
#2	1814.171	3356.005	42434.27	10670.68	3288.075
#3	1813.427	3359.077	42523.51	10650.09	3287.034

Sample Name: K5162-19 Acquired: 10/09/2019 20:37:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GK1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0652994	.0005060	.0408103	-.003569	.0006022	39.12559	1.498935
Stddev	.0036051	.0014322	.0026308	.003773	.0018744	.26591	.008392
%RSD	5.520837	283.0255	6.446407	105.7186	311.2535	.6796430	.5598541

#1	.0613478	.0020051	.0378937	-.004070	.0013706	38.82952	1.489252
#2	.0661416	-.000848	.0430043	-.007066	-.001534	39.20313	1.503459
#3	.0684089	.000361	.0415328	.000430	.001970	39.34410	1.504094

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0038127	.0000472	24.67403	.1806910	.0405029	.0525868	78.22269
Stddev	.0001420	.0000852	.18241	.0004127	.0002311	.0011595	.60048
%RSD	3.724799	180.6081	.7392931	.2284298	.5705309	2.204827	.7676508

#1	.0037051	.0001324	24.46554	.1808746	.0405794	.0525025	77.53762
#2	.0039736	.0000470	24.80423	.1802183	.0406860	.0514717	78.65784
#3	.0037593	-.000038	24.75231	.1809801	.0402432	.0537861	78.47263

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.483654	27.90115	.1195037	-.005244	1.623914	.1115808	.2609530
Stddev	.023834	.30190	.0005830	.000156	.349976	.0022295	.0037114
%RSD	.6841539	1.082041	.4878412	2.978871	21.55136	1.998080	1.422256

#1	3.456142	27.56970	.1198239	-.005399	1.871356	.1136424	.2577599
#2	3.498015	28.16042	.1188307	-.005086	1.776893	.1118852	.2650249
#3	3.496804	27.97333	.1198564	-.005248	1.223494	.1092148	.2600741

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.38056	3.004112	-.012142	.0002976	1.409169	1.839680	.0018724
Stddev	.05703	.008448	.001358	.0002018	.004741	.027411	.0025545
%RSD	.5011098	.2812181	11.18814	67.80639	.3364437	1.489961	136.4247

#1	11.31569	2.998606	-.013708	.0001443	1.406237	1.871249	-.000338
#2	11.42281	2.999891	-.011430	.0005262	1.414639	1.821922	.001286
#3	11.40317	3.013839	-.011287	.0002222	1.406631	1.825868	.004669

Sample Name: K5162-19 Acquired: 10/09/2019 20:37:14 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0GK1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.575727	.0243261	.4644668
Stddev	.010563	.0007626	.0017123
%RSD	.6703413	3.134787	.3686545

#1	1.565014	.0235326	.4626703
#2	1.576033	.0250534	.4646500
#3	1.586133	.0243924	.4660801

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1816.322	3356.487	42469.77	10598.72	3272.573
Stddev	4.216	3.009	154.74	40.56	1.130
%RSD	.2321431	.0896528	.3643429	.3827348	.0345305

#1	1815.686	3353.041	42542.01	10645.56	3271.575
#2	1820.820	3357.826	42575.17	10575.98	3272.344
#3	1812.459	3358.595	42292.12	10574.63	3273.799

Sample Name: K5162-20 Acquired: 10/09/2019 20:41:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GK2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0500157	.0017679	.0375245	.0001317	-.000218	36.53962	1.459722
Stddev	.0031218	.0016625	.0010105	.0030403	.001345	.17096	.004794
%RSD	6.241569	94.04059	2.692809	2308.005	617.6270	.4678873	.3284475

#1	.0502641	.0019806	.0379850	-.003127	.001330	36.48855	1.458694
#2	.0467772	.0000092	.0382226	.000629	-.000880	36.73030	1.464947
#3	.0530059	.0033138	.0363658	.002893	-.001104	36.40002	1.455525

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0036463	.0000698	26.15180	.1479824	.0331167	.0487389	66.53891
Stddev	.0000561	.0000278	.06970	.0016290	.0003652	.0010002	.14827
%RSD	1.537708	39.89910	.2665023	1.100776	1.102903	2.052050	.2228279

#1	.0036861	.0000636	26.13437	.1466654	.0328250	.0498428	66.48571
#2	.0036705	.0001002	26.22856	.1474780	.0335263	.0484806	66.70643
#3	.0035822	.0000455	26.09248	.1498040	.0329987	.0478932	66.42458

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.338963	25.19914	.1000879	-.004550	1.443054	.0937404	.2618648
Stddev	.023257	.12065	.0006726	.000281	.306869	.0022709	.0025878
%RSD	.6965358	.4787928	.6720239	6.176723	21.26523	2.422530	.9882119

#1	3.324181	25.27549	.1000321	-.004696	1.748667	.0946178	.2591950
#2	3.365771	25.26188	.1007866	-.004226	1.134945	.0954416	.2620375
#3	3.326939	25.06004	.0994449	-.004728	1.445550	.0911617	.2643619

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.25971	3.409961	-.008750	.0001292	1.411083	1.450140	.0007447
Stddev	.07274	.010924	.000315	.0003417	.002516	.054973	.0010223
%RSD	.7090225	.3203682	3.603110	264.4040	.1783355	3.790885	137.2815

#1	10.18543	3.421503	-.009112	.0002510	1.410952	1.459124	.0004417
#2	10.33081	3.408598	-.008536	.0003933	1.408634	1.500067	.0018843
#3	10.26289	3.399782	-.008602	-.000257	1.413662	1.391228	-.000092

Sample Name: K5162-20 Acquired: 10/09/2019 20:41:16 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0GK2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.253850	.0229956	.5185043
Stddev	.004438	.0020220	.0017906
%RSD	.3539512	8.793082	.3453370

#1	1.250076	.0253305	.5184909
#2	1.258739	.0218363	.5203015
#3	1.252734	.0218202	.5167204

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1803.457	3359.492	42385.96	10592.47	3257.990
Stddev	9.469	1.831	124.46	97.34	.282
%RSD	.5250328	.0545132	.2936460	.9189121	.0086489

#1	1796.574	3357.402	42506.61	10517.09	3257.690
#2	1814.255	3360.816	42393.26	10557.95	3258.034
#3	1799.540	3360.257	42258.01	10702.36	3258.248

Sample Name: K5162-21 Acquired: 10/09/2019 20:45:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GK3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0933578	.0015521	.0898904	-.001601	-.000273	45.20374	1.936298
Stddev	.0028745	.0021179	.0012786	.001409	.000282	.26860	.007008
%RSD	3.078963	136.4528	1.422410	87.99128	103.1907	.5941920	.3619187

#1	.0903018	.0019721	.0884159	-.002487	-.000040	45.47170	1.937896
#2	.0960075	.0034285	.0906928	.000023	-.000193	44.93451	1.928629
#3	.0937641	-.000744	.0905625	-.002339	-.000587	45.20501	1.942369

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043142	.0007415	33.19460	.1330974	.0415788	.3474912	67.52371
Stddev	.0001181	.0000809	.08810	.0005643	.0003522	.0027808	.33080
%RSD	2.737957	10.90397	.2654005	.4239566	.8471123	.8002387	.4898956

#1	.0043630	.0006577	33.25352	.1336408	.0415940	.3497744	67.81106
#2	.0044000	.0007476	33.09332	.1331371	.0419232	.3443944	67.16210
#3	.0041794	.0008190	33.23695	.1325144	.0412193	.3483048	67.59797

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.028752	22.81853	.0980975	-.004341	1.118033	.1201126	.7715334
Stddev	.015219	.13297	.0003133	.000088	.165574	.0022739	.0042590
%RSD	.5024928	.5827297	.3193904	2.028402	14.80940	1.893116	.5520146

#1	3.039806	22.96848	.0977434	-.004388	1.308975	.1222973	.7702005
#2	3.011393	22.71498	.0982101	-.004240	1.030963	.1177589	.7681003
#3	3.035056	22.77212	.0983389	-.004396	1.014161	.1202815	.7762994

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.09233	3.131490	-.006207	.0013395	4.934791	3.248929	.0020560
Stddev	.23304	.003269	.001454	.0002889	.006665	.053814	.0011650
%RSD	1.363393	.1043828	23.43218	21.56611	.1350515	1.656350	56.66620

#1	17.34889	3.130414	-.005259	.0011515	4.941462	3.302637	.0024673
#2	17.03434	3.128895	-.007881	.0016721	4.934780	3.249139	.0029596
#3	16.89377	3.135161	-.005480	.0011948	4.928133	3.195010	.0007411

Sample Name: K5162-21 Acquired: 10/09/2019 20:45:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GK3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.333600	.0290043	.6087064
Stddev	.012260	.0012319	.0049099
%RSD	.5253721	4.247219	.8066067

#1	2.344440	.0282632	.6143215
#2	2.320295	.0283234	.6052209
#3	2.336066	.0304264	.6065767

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1845.152	3423.696	43116.87	10573.76	3259.978
Stddev	5.587	3.640	190.44	13.53	4.618
%RSD	.3028005	.1063214	.4416744	.1279963	.1416625

#1	1851.603	3421.000	43310.64	10580.23	3255.045
#2	1842.011	3427.836	43110.01	10558.21	3260.691
#3	1841.842	3422.250	42929.95	10582.85	3264.198

Sample Name: K5162-22 Acquired: 10/09/2019 20:49:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GK4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1246879	.0015083	.5981401	.0008996	.0037976	57.68149	1.752811
Stddev	.0018615	.0021582	.0017743	.0022535	.0014255	.31738	.012623
%RSD	1.492962	143.0869	.2966342	250.4984	37.53643	.5502349	.7201836

#1	.1259034	.0004058	.6000440	-.001609	.0052787	57.34165	1.741706
#2	.1225448	.0039951	.5978436	.001556	.0024352	57.73261	1.750186
#3	.1256155	.0001241	.5965328	.002752	.0036790	57.97021	1.766540

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0069615	.0102149	59.72811	.0634591	.0291822	.8814819	68.25653
Stddev	.0000308	.0001119	.34982	.0005270	.0003832	.0072529	.41443
%RSD	.4430360	1.095528	.5856807	.8304956	1.312947	.8228120	.6071670

#1	.0069358	.0101716	59.39053	.0637538	.0295617	.8747869	67.82301
#2	.0069530	.0103420	59.70481	.0637727	.0287955	.8804718	68.29779
#3	.0069957	.0101311	60.08900	.0628506	.0291894	.8891869	68.64879

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.491496	24.79539	.0599486	.0124987	.8775067	.2132665	1.008377
Stddev	.009606	.22377	.0001002	.0002898	.3924648	.0020212	.002807
%RSD	.6440450	.9024737	.1670820	2.318798	44.72499	.9477324	.2783731

#1	1.484700	24.55407	.0600395	.0127638	.5111583	.2109628	1.005144
#2	1.487302	24.83607	.0598412	.0121893	1.291701	.2147421	1.010183
#3	1.502486	24.99604	.0599652	.0125431	.829661	.2140947	1.009806

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.57763	3.814870	.0168146	.0097349	13.07574	4.240634	.0063472
Stddev	.12605	.003045	.0009906	.0001199	.03319	.052027	.0016197
%RSD	.7170823	.0798133	5.891070	1.231289	.2538085	1.226858	25.51856

#1	17.43215	3.817772	.0157528	.0098122	13.10624	4.231158	.0052659
#2	17.64668	3.815137	.0177139	.0095968	13.04039	4.296747	.0055662
#3	17.65407	3.811700	.0169771	.0097956	13.08058	4.193996	.0082094

Sample Name: K5162-22 Acquired: 10/09/2019 20:49:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GK4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.720175	.0521973	.5607480
Stddev	.009850	.0027771	.0016651
%RSD	.5726416	5.320450	.2969401

#1	1.710924	.0491137	.5588821
#2	1.719070	.0545014	.5620827
#3	1.730532	.0529767	.5612792

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1902.195	3542.894	44784.36	11266.14	3268.134
Stddev	5.556	8.556	134.88	25.85	4.997
%RSD	.2920693	.2415114	.3011659	.2294319	.1529130

#1	1907.779	3546.343	44696.83	11270.80	3265.609
#2	1896.668	3533.152	44939.69	11238.28	3264.903
#3	1902.137	3549.188	44716.57	11289.34	3273.890

Sample Name: K5163-01 Acquired: 10/09/2019 20:53:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GK5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2898995	-.000850	.6045022	-.000979	.0007129	68.87493	1.006354
Stddev	.0007384	.003376	.0015586	.001983	.0017970	.26442	.007735
%RSD	.2547253	397.0606	.2578334	202.5179	252.0584	.3839129	.7686405

#1	.2903754	-.004745	.6037377	.000078	.0020030	68.58929	.999557
#2	.2902743	.000945	.6062954	.000251	-.001340	68.92433	1.004734
#3	.2890488	.001249	.6034734	-.003267	.001475	69.11116	1.014771

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0079239	.0067332	45.49396	.0580839	.0415766	.6250006	101.2531
Stddev	.0000682	.0000147	.40798	.0006399	.0001935	.0036102	.6664
%RSD	.8601785	.2188740	.8967766	1.101684	.4654911	.5776255	.6581611

#1	.0078734	.0067196	45.15761	.0587447	.0417762	.6230457	100.6093
#2	.0078968	.0067311	45.37649	.0574672	.0415640	.6227895	101.2099
#3	.0080014	.0067488	45.94779	.0580398	.0413897	.6291667	101.9400

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.779585	25.85711	.0660166	.0038597	1.676438	.1536691	1.081230
Stddev	.015696	.13897	.0001675	.0003149	.218876	.0012678	.015845
%RSD	.8820287	.5374467	.2537820	8.159526	13.05604	.8249930	1.465425

#1	1.762753	25.73301	.0659837	.0036253	1.788840	.1522799	1.067478
#2	1.782180	25.83106	.0661981	.0042177	1.424198	.1539640	1.098557
#3	1.793823	26.00726	.0658679	.0037362	1.816276	.1547634	1.077656

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.12932	3.951409	.0062202	.0086878	7.933539	4.295515	.0059283
Stddev	.05729	.003519	.0017803	.0002459	.039965	.093256	.0010540
%RSD	.2845911	.0890589	28.62068	2.830505	.5037469	2.171015	17.77934

#1	20.08117	3.951613	.0049469	.0089343	7.967368	4.263167	.0049028
#2	20.11413	3.947793	.0082545	.0086866	7.889442	4.222740	.0070087
#3	20.19267	3.954822	.0054593	.0084425	7.943808	4.400638	.0058733

Sample Name: K5163-01 Acquired: 10/09/2019 20:53:20 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0GK5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.475404	.0662112	.7133988
Stddev	.008377	.0019735	.0026072
%RSD	.5677761	2.980647	.3654620

#1	1.465984	.0641141	.7109341
#2	1.478213	.0664874	.7131341
#3	1.482016	.0680320	.7161283

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1927.893	3585.688	45251.31	11357.86	3271.567
Stddev	17.642	3.825	50.83	109.81	3.831
%RSD	.9150705	.1066645	.1123272	.9668514	.1170963

#1	1942.228	3587.882	45270.17	11424.10	3267.974
#2	1908.191	3581.272	45193.75	11418.39	3275.598
#3	1933.260	3587.911	45290.02	11231.10	3271.131

Sample Name: K5163-02 Acquired: 10/09/2019 20:57:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GK6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3572055	.0078200	.2167285	-.000319	.0043138	41.81887	.9693558
Stddev	.0097100	.0010218	.0002347	.004125	.0026716	.06717	.0054885
%RSD	2.718338	13.06649	.1082769	1293.984	61.93250	.1606313	.5661962

#1	.3667865	.0088747	.2169693	.004103	.0031985	41.76003	.9656123
#2	.3574588	.0077505	.2167158	-.000994	.0023805	41.80452	.9667989
#3	.3473714	.0068347	.2165005	-.004065	.0073624	41.89206	.9756562

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043046	.0037855	25.64797	.0500599	.0565371	.3250457	98.71030
Stddev	.0000367	.0001131	.18186	.0006534	.0003977	.0025664	.50179
%RSD	.8520528	2.988010	.7090457	1.305328	.7034291	.7895517	.5083456

#1	.0043347	.0036727	25.49690	.0494262	.0568541	.3222875	98.21247
#2	.0043155	.0038989	25.59720	.0507315	.0560908	.3254865	98.70246
#3	.0042638	.0037849	25.84982	.0500221	.0566663	.3273632	99.21596

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.418080	24.64957	.0539510	-.002180	.3932212	.2002538	.6075606
Stddev	.029652	.25495	.0003416	.000461	.3875213	.0055212	.0036981
%RSD	.3997245	1.034286	.6331677	21.12548	98.55046	2.757109	.6086757

#1	7.387634	24.40892	.0539116	-.002649	.8308265	.1938829	.6035660
#2	7.419739	24.62305	.0536309	-.002162	.2553447	.2036456	.6082508
#3	7.446868	24.91674	.0543107	-.001729	.0934925	.2032328	.6108649

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.41290	3.925178	-.008125	.0747146	19.30579	3.485893	.0039631
Stddev	.13327	.012749	.001739	.0002603	.02722	.037520	.0008354
%RSD	.7237630	.3248060	21.40355	.3483703	.1409747	1.076338	21.08025

#1	18.47465	3.939821	-.008894	.0744385	19.30512	3.518350	.0037866
#2	18.25997	3.916537	-.009347	.0747498	19.33333	3.444812	.0032300
#3	18.50410	3.919177	-.006134	.0749555	19.27891	3.494517	.0048727

Sample Name: K5163-02 Acquired: 10/09/2019 20:57:20 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0GK6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.370569	.0551732	.2386673
Stddev	.003716	.0003904	.0000896
%RSD	.1102623	.7075232	.0375567

#1	3.366326	.0547228	.2387682
#2	3.373250	.0554138	.2386367
#3	3.372129	.0553830	.2385969

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1861.283	3448.680	43404.17	10827.82	3291.116
Stddev	4.447	6.742	119.78	54.44	5.503
%RSD	.2389128	.1954935	.2759704	.5028234	.1672200

#1	1866.410	3443.929	43421.36	10838.06	3290.013
#2	1858.484	3445.715	43514.43	10876.42	3286.247
#3	1858.954	3456.397	43276.72	10768.99	3297.087

Sample Name: K5163-03 Acquired: 10/09/2019 21:01:21 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0GK7 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0962825	.0047709	.1531382	-.003040	.0022736	25.19118	.4424388
Stddev	.0010824	.0035660	.0012841	.003251	.0013995	.11308	.0021770
%RSD	1.124203	74.74374	.8385044	106.9392	61.55366	.4489066	.4920341

#1	.0958803	.0011310	.1520523	-.006729	.0037253	25.06777	.4418138
#2	.0954588	.0082580	.1528070	-.000590	.0009330	25.28985	.4448599
#3	.0975085	.0049237	.1545555	-.001802	.0021625	25.21592	.4406427

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031631	.0015356	26.73951	.0540662	.0363777	.2583654	137.7246
Stddev	.0001007	.0000667	.11518	.0005752	.0004478	.0019474	.5191
%RSD	3.182754	4.342903	.4307603	1.063882	1.230875	.7537379	.3768977

#1	.0032697	.0015799	26.71934	.0547091	.0358837	.2606140	137.4437
#2	.0031499	.0015680	26.86345	.0538889	.0364924	.2572485	138.3236
#3	.0030697	.0014589	26.63575	.0536005	.0367570	.2572336	137.4065

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.286871	14.36481	.0300002	-.003784	-.038233	.4072439	.3229344
Stddev	.033444	.10306	.0006052	.000490	.095122	.0018470	.0080035
%RSD	.6325911	.7174329	2.017278	12.95004	248.7961	.4535308	2.478362

#1	5.285236	14.45110	.0302549	-.003224	.070861	.4092210	.3138500
#2	5.321102	14.39263	.0304365	-.004136	-.103831	.4069478	.3289466
#3	5.254274	14.25069	.0293094	-.003992	-.081730	.4055628	.3260067

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.024455	4.005638	-.005825	.0198337	13.38740	2.203505	.0018432
Stddev	.068373	.006310	.003448	.0002730	.03517	.031006	.0007639
%RSD	.7576371	.1575204	59.19307	1.376444	.2627085	1.407128	41.44413

#1	8.946424	4.010000	-.009803	.0201487	13.42428	2.231777	.0011174
#2	9.053072	4.008511	-.003976	.0196877	13.35423	2.208392	.0017720
#3	9.073870	3.998403	-.003696	.0196648	13.38370	2.170345	.0026402

Sample Name: K5163-03 Acquired: 10/09/2019 21:01:21 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0GK7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.178627	.0349732	.1635228
Stddev	.014355	.0014605	.0001445
%RSD	.6588837	4.175908	.0883400

#1	2.168873	.0333035	.1633577
#2	2.195110	.0356031	.1636259
#3	2.171898	.0360129	.1635848

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1873.202	3484.126	43796.77	10970.89	3322.894
Stddev	17.852	2.900	344.87	68.15	1.133
%RSD	.9530004	.0832361	.7874292	.6211917	.0340937

#1	1893.800	3482.788	44189.19	10917.82	3323.623
#2	1863.588	3487.454	43541.89	10947.09	3323.470
#3	1862.218	3482.137	43659.24	11047.74	3321.589

Sample Name: CCV004 Acquired: 10/09/2019 21:05:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV004 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.032640	4.977515	25.27454	4.930591	4.982246	412.2972	10.76980
Stddev	.015470	.008542	.01746	.003834	.004202	3.9040	.13251
%RSD	.3073978	.1716162	.0690692	.0777530	.0843363	.9468791	1.230350

#1	5.022809	4.969717	25.25684	4.926254	4.978564	416.6788	10.92269
#2	5.050472	4.986645	25.27502	4.931991	4.986823	411.0239	10.68825
#3	5.024640	4.976181	25.29175	4.933528	4.981351	409.1888	10.69846

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5219281	2.502095	427.0942	15.59525	2.555466	15.31276	418.0426
Stddev	.0072750	.000985	4.4548	.02587	.003507	.01497	2.6955
%RSD	1.393876	.0393766	1.043051	.1658741	.1372450	.0977452	.6447926

#1	.5302793	2.500971	432.2350	15.56949	2.551696	15.32392	421.1534
#2	.5169655	2.502507	424.3677	15.62122	2.556070	15.29575	416.5755
#3	.5185396	2.502807	424.6798	15.59504	2.558632	15.31861	416.3989

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.58390	412.7377	2.553602	1.305478	414.7107	2.578817	14.66604
Stddev	.15970	2.7369	.002928	.008103	3.5980	.016712	.11291
%RSD	1.024748	.6631167	.1146754	.6206735	.8675993	.6480683	.7698538

#1	15.76447	415.8955	2.550694	1.296337	418.6302	2.598044	14.54137
#2	15.46124	411.0512	2.556550	1.311778	413.9445	2.570633	14.69536
#3	15.52599	411.2662	2.553562	1.308318	411.5576	2.567774	14.76140

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	154.7726	5.324289	5.183539	4.938324	5.190679	5.170699	5.092324
Stddev	.2026	.011218	.068460	.007926	.008174	.070483	.009367
%RSD	.1308980	.2106919	1.320719	.1604927	.1574810	1.363130	.1839472

#1	154.9953	5.312336	5.262029	4.940902	5.181290	5.252086	5.081605
#2	154.5992	5.334587	5.136154	4.944640	5.194528	5.130370	5.098940
#3	154.7232	5.325945	5.152433	4.929431	5.196217	5.129643	5.096426

Sample Name: CCV004 Acquired: 10/09/2019 21:05:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV004 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.174435	5.358295	5.181011
Stddev	.027555	.082857	.030021
%RSD	.5325219	1.546336	.5794490

#1	5.206077	5.453963	5.187981
#2	5.155726	5.309471	5.148118
#3	5.161500	5.311450	5.206935

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1462.111	2764.566	36485.68	9482.709	2628.970
Stddev	6.713	4.788	346.58	75.311	.385
%RSD	.4591095	.1731799	.9499153	.7941910	.0146430

#1	1468.559	2761.906	36827.54	9396.700	2628.535
#2	1455.162	2761.699	36134.56	9514.600	2629.108
#3	1462.612	2770.093	36494.93	9536.828	2629.267

Sample Name: CCB004 Acquired: 10/09/2019 21:09:27 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB004 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0038985	-.000441	.0029619	-.003308	-.000762	.0113898	.0010976
Stddev	.0008843	.001527	.0003483	.002917	.002995	.0066369	.0002207
%RSD	22.68358	346.1969	11.76045	88.18049	393.0472	58.27076	20.10305

#1	.0035812	-.002174	.0026177	-.000498	.002695	.0190226	.0009097
#2	.0032166	.000704	.0033142	-.003105	-.002585	.0069790	.0013406
#3	.0048977	.000147	.0029537	-.006321	-.002396	.0081677	.0010427

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000637	-.000047	.0134974	.0002542	.0002455	.0018794	.0253803
Stddev	.0000315	.000047	.0121964	.0002332	.0001593	.0012079	.0079035
%RSD	49.49038	99.93285	90.36127	91.72395	64.87628	64.26933	31.14026

#1	.0000914	-.000100	.0269330	.0005184	.0004291	.0006660	.0342900
#2	.0000294	-.000017	.0031235	.0001671	.0001637	.0030817	.0192142
#3	.0000703	-.000022	.0104358	.0000771	.0001438	.0018906	.0226367

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009151	-.001224	.0000916	-.000674	.0387370	-.002144	.0028715
Stddev	.0004931	.028864	.0003867	.000226	.2570437	.004714	.0009809
%RSD	53.88835	2357.290	422.0102	33.56929	663.5617	219.8960	34.15919

#1	.0005588	.006067	.0000230	-.000425	.3037557	-.002757	.0037404
#2	.0007087	.023294	-.000256	-.000729	.0219657	-.006521	.0030664
#3	.0014779	-.033035	.000508	-.000868	-.209510	.002847	.0018078

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.110228	.0006733	.0056320	.0001567	-.008742	.0021691	.0004533
Stddev	.098476	.0015429	.0006269	.0005139	.001883	.0018924	.0008979
%RSD	89.33882	229.1493	11.13122	328.0298	21.54200	87.24196	198.0701

#1	-.159830	.0009615	.0059788	.0000630	-.010805	.0031704	.0007491
#2	-.174039	-.000993	.0049083	.0007110	-.007113	-.000014	-.000555
#3	.003186	.002052	.0060089	-.000304	-.008310	.003350	.001166

Sample Name: CCB004 Acquired: 10/09/2019 21:09:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB004 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0023045	.0026002	.0002225
Stddev	.0008002	.0010302	.0000872
%RSD	34.72347	39.62046	39.20811

#1	.0031034	.0016126	.0002617
#2	.0023070	.0025198	.0002831
#3	.0015030	.0036683	.0001225

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1727.833	3216.805	40363.83	9868.465	3307.918
Stddev	7.728	11.417	206.64	74.240	13.965
%RSD	.4472930	.3549207	.5119412	.7522937	.4221729

#1	1722.299	3203.675	40229.91	9907.144	3291.793
#2	1724.537	3222.342	40259.78	9915.380	3315.922
#3	1736.663	3224.398	40601.82	9782.872	3316.040

Sample Name: K5244-01 Acquired: 10/09/2019 21:13:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0AZ6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 10.06696	.0459431	2.338626	.0050052	.6201335	35.23090
Stddev	.00305	.0033695	.004774	.0045661	.0025789	.13312
%RSD	.0302941	7.334058	.2041222	91.22727	.4158538	.3778456

#1	10.06345	.0492757	2.337117	.0067199	.6184322	35.07976
#2	10.06886	.0425379	2.334789	-.000170	.6188676	35.33074
#3	10.06858	.0460155	2.343972	.008466	.6231006	35.28219

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.488657	-.003067	.0262520	32.35936	.0110655	.0925252
Stddev	.009625	.000063	.0001142	.14350	.0003519	.0002460
%RSD	.3867611	2.041262	.4348763	.4434629	3.180290	.2659327

#1	2.477610	-.003101	.0263813	32.19409	.0114709	.0924120
#2	2.495231	-.002994	.0261652	32.45233	.0108392	.0928075
#3	2.493131	-.003105	.0262096	32.43167	.0108864	.0923562

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8481010	181.1385	F 125.8155	23.46180	.0343176	.5701843
Stddev	.0014682	.7638	1.3906	.05798	.0003274	.0010467
%RSD	.1731217	.4216828	1.105265	.2471204	.9541232	.1835657

#1	.8466749	180.2614	124.6214	23.39836	.0346948	.5713393
#2	.8480202	181.4965	127.3422	23.47500	.0341064	.5692987
#3	.8496080	181.6575	125.4828	23.51204	.0341517	.5699148

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5541850	.4202811	15.56934	14.78610	5.009038	-.022830
Stddev	.1220024	.0043203	.09343	.15792	.015301	.002314
%RSD	22.01473	1.027942	.6001044	1.068029	.3054776	10.13599

#1	.4203666	.4153905	15.46988	14.74697	4.997539	-.025445
#2	.6592263	.4235784	15.65527	14.95990	5.026405	-.022000
#3	.5829622	.4218745	15.58286	14.65141	5.003170	-.021046

Sample Name: K5244-01 Acquired: 10/09/2019 21:13:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0AZ6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062323	4.780501	3.807516	.0036927	4.591414	.0408365
Stddev	.0001161	.023236	.024521	.0024233	.016096	.0005267
%RSD	1.863049	.4860479	.6440127	65.62502	.3505655	1.289887
#1	.0061872	4.793644	3.788377	.0021904	4.572934	.0402400
#2	.0061455	4.753672	3.835156	.0023993	4.598930	.0410320
#3	.0063642	4.794185	3.799015	.0064883	4.602376	.0412376

Elem	Sr4077
Units	ppm
Avg	.2454020
Stddev	.0006674
%RSD	.2719572
#1	.2452234
#2	.2461405
#3	.2448421

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1833.173	3386.364	42676.35	10546.66	3223.953
Stddev	8.077	.855	197.67	50.68	1.283
%RSD	.4405983	.0252406	.4631809	.4805324	.0398075
#1	1831.045	3385.410	42457.35	10513.59	3222.799
#2	1826.374	3386.622	42730.17	10521.39	3225.335
#3	1842.101	3387.060	42841.55	10605.01	3223.724

Sample Name: K5244-02 Acquired: 10/09/2019 21:17:43 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0AZ7 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6091654	.0035363	.0231073	-.001009	.0101391	28.72807	.5817552
Stddev	.0028086	.0028693	.0005177	.000610	.0008056	.07985	.0031815
%RSD	.4610573	81.13860	2.240559	60.45669	7.945746	.2779408	.5468781

#1	.6061509	.0003001	.0229789	-.001574	.0095002	28.68231	.5797194
#2	.6117084	.0057694	.0226659	-.000362	.0110441	28.68164	.5801249
#3	.6096369	.0045394	.0236772	-.001089	.0098729	28.82027	.5854214

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0036131	.0040597	16.25744	.0216524	.0302870	.0061333	107.9756
Stddev	.0000208	.0000698	.11399	.0003206	.0002068	.0015164	.6661
%RSD	.5766322	1.718219	.7011863	1.480546	.6827523	24.72388	.6169145

#1	.0036274	.0041352	16.21293	.0214497	.0305251	.0047767	107.8263
#2	.0035892	.0040464	16.17242	.0214854	.0301835	.0058529	107.3968
#3	.0036226	.0039976	16.38698	.0220220	.0301523	.0077703	108.7037

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.846814	16.87978	.0156874	-.008324	-.184786	.2548843	1.835499
Stddev	.015186	.12567	.0004948	.000265	.283341	.0043284	.029517
%RSD	.8222932	.7444733	3.153839	3.182870	153.3351	1.698185	1.608139

#1	1.851984	16.85426	.0159871	-.008022	-.445783	.2558355	1.846311
#2	1.829718	16.76883	.0151164	-.008436	.116572	.2501594	1.802100
#3	1.858740	17.01624	.0159588	-.008515	-.225146	.2586580	1.858086

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.51695	5.251850	-.011383	.0032679	.4655414	1.431912	.0003287
Stddev	.05879	.004267	.003137	.0001448	.0020198	.021002	.0017606
%RSD	.5104595	.0812434	27.55574	4.431539	.4338617	1.466699	535.5930

#1	11.58406	5.246932	-.009312	.0031962	.4678063	1.451123	.0023291
#2	11.47453	5.254552	-.014992	.0034346	.4639271	1.435125	-.000985
#3	11.49227	5.254068	-.009845	.0031730	.4648908	1.409489	-.000358

Sample Name: K5244-02 Acquired: 10/09/2019 21:17:43 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0AZ7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.786201	.0260401	.0477331
Stddev	.018192	.0005502	.0001868
%RSD	.4804931	2.112726	.3913781

#1	3.782234	.0261176	.0475765
#2	3.770319	.0265474	.0476828
#3	3.806049	.0254553	.0479398

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1867.636	3465.017	43601.03	10848.27	3307.886
Stddev	18.748	5.796	383.74	34.30	6.669
%RSD	1.003848	.1672777	.8801140	.3161342	.2015970

#1	1859.105	3470.977	43377.93	10834.93	3310.124
#2	1889.132	3464.674	44044.14	10887.23	3313.148
#3	1854.670	3459.400	43381.04	10822.64	3300.387

Sample Name: K5244-03 Acquired: 10/09/2019 21:21:45 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0AZ8 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7201905	.0310114	.0601403	-.000512	.0375637	38.10355	.9130547
Stddev	.0032516	.0038599	.0000805	.003070	.0012213	.22608	.0061532
%RSD	.4514920	12.44671	.1338566	599.7065	3.251318	.5933175	.6739179

#1	.7218539	.0281852	.0601078	.002164	.0367824	38.24613	.9193069
#2	.7164437	.0294398	.0602320	.000164	.0369376	38.22164	.9128519
#3	.7222738	.0354091	.0600812	-.003864	.0389711	37.84288	.9070054

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0069911	-.000503	13.09709	.0103713	.0520940	.0117493	129.6036
Stddev	.0000661	.000082	.03804	.0001999	.0006723	.0022985	.7516
%RSD	.9460927	16.29870	.2904414	1.927480	1.290547	19.56287	.5799540

#1	.0069331	-.000598	13.13956	.0104337	.0519896	.0134895	130.2668
#2	.0069771	-.000461	13.08556	.0105325	.0514800	.0091438	129.7568
#3	.0070632	-.000451	13.06615	.0101476	.0528124	.0126147	128.7871

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.45172	9.670364	.0156369	-.007885	-.215568	.2248107	.1614680
Stddev	.08256	.092999	.0000796	.000267	.079427	.0038921	.0009829
%RSD	.7898947	.9616873	.5092966	3.380411	36.84533	1.731257	.6087327

#1	10.50978	9.775910	.0157146	-.008080	-.266434	.2290115	.1622500
#2	10.48817	9.634733	.0156408	-.007581	-.124043	.2213272	.1617894
#3	10.35721	9.600450	.0155554	-.007993	-.256226	.2240935	.1603647

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.701196	3.662529	-.012709	.0021756	.1523688	2.068752	.0022942
Stddev	.014142	.014827	.002229	.0003185	.0032553	.017289	.0015436
%RSD	.3820979	.4048398	17.54209	14.63742	2.136473	.8357194	67.28560

#1	3.713073	3.645724	-.010219	.0024502	.1559838	2.088714	.0019116
#2	3.704964	3.673767	-.013388	.0018265	.1514534	2.058523	.0009778
#3	3.685552	3.668096	-.014520	.0022500	.1496691	2.059020	.0039931

Sample Name: K5244-03 Acquired: 10/09/2019 21:21:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0AZ8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.390682	.0206377	.0609262
Stddev	.010702	.0013177	.0002198
%RSD	.7695791	6.385011	.3606966

#1	1.397983	.0191275	.0609349
#2	1.395666	.0215536	.0611414
#3	1.378396	.0212319	.0607022

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1886.186	3493.500	44114.11	10903.16	3317.352
Stddev	15.448	6.546	199.47	42.09	2.752
%RSD	.8189981	.1873635	.4521602	.3860364	.0829620

#1	1870.472	3486.155	43936.78	10864.25	3314.225
#2	1886.733	3495.626	44075.51	10897.40	3318.426
#3	1901.353	3498.717	44330.06	10947.84	3319.405

Sample Name: K5244-04 Acquired: 10/09/2019 21:25:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0AZ9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.075824	.0015915	.0419047	-.002597	.0194498	48.27820	.9392557
Stddev	.000479	.0024404	.0024664	.003440	.0020161	.61348	.0105918
%RSD	.0230860	153.3369	5.885845	132.4831	10.36582	1.270727	1.127679

#1	2.075320	.0019603	.0398366	-.006435	.0202356	47.57760	.9277397
#2	2.075876	.0038265	.0412429	-.001564	.0209547	48.71924	.9485805
#3	2.076275	-.001012	.0446345	.000209	.0171591	48.53775	.9414469

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0068345	.0100253	23.99200	.0495624	.0634702	.0296202	231.4208
Stddev	.0001156	.0000906	.28371	.0007045	.0004973	.0025197	3.1643
%RSD	1.691571	.9037773	1.182523	1.421383	.7835268	8.506665	1.367336

#1	.0067609	.0100586	23.69531	.0503660	.0633354	.0278120	227.8866
#2	.0067749	.0099228	24.26065	.0492698	.0630541	.0324983	233.9909
#3	.0069678	.0100945	24.02005	.0490514	.0640210	.0285502	232.3848

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.958710	26.20420	.0295647	-.016582	-.220700	.5526320	3.668111
Stddev	.044210	.33735	.0004339	.000214	.030164	.0072064	.012352
%RSD	1.116787	1.287393	1.467553	1.289562	13.66724	1.304012	.3367366

#1	3.907726	25.82687	.0297617	-.016499	-.251646	.5444022	3.655114
#2	3.986444	26.47666	.0298652	-.016825	-.219067	.5578124	3.669524
#3	3.981961	26.30907	.0290673	-.016422	-.191385	.5556813	3.679696

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.74407	8.114954	-.016053	.0041544	.9352829	2.171152	.0011929
Stddev	.19083	.021870	.002885	.0001068	.0034400	.013312	.0012395
%RSD	1.212052	.2695052	17.97107	2.570123	.3677988	.6131155	103.9055

#1	15.55086	8.091363	-.019374	.0042757	.9379894	2.157690	.0006319
#2	15.93241	8.118947	-.014168	.0040748	.9314119	2.184308	.0026136
#3	15.74893	8.134553	-.014617	.0041126	.9364475	2.171459	.0003331

Sample Name: K5244-04 Acquired: 10/09/2019 21:25:49 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0AZ9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.956791	.0435014	.0700913
Stddev	.075530	.0008349	.0009061
%RSD	1.267964	1.919187	1.292720

#1	5.871553	.0427150	.0690793
#2	6.015398	.0434117	.0708271
#3	5.983421	.0443775	.0703676

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1887.417	3500.311	44283.57	11117.30	3251.374
Stddev	2.320	1.645	122.04	93.69	3.423
%RSD	.1229329	.0470076	.2755972	.8427405	.1052772

#1	1889.554	3501.085	44143.35	11220.35	3253.427
#2	1887.747	3498.421	44341.49	11037.26	3253.271
#3	1884.949	3501.426	44365.87	11094.29	3247.422

Sample Name: K5244-05 Acquired: 10/09/2019 21:29:50 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0B00 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4689023	.0135227	.0516751	.0026469	.0273398	57.06606	1.004785
Stddev	.0023277	.0048900	.0023056	.0013015	.0015626	.30239	.005843
%RSD	.4964044	36.16152	4.461710	49.17131	5.715494	.5298877	.5815425

#1	.4702652	.0191349	.0505490	.0011727	.0255374	56.72172	.998085
#2	.4662147	.0112550	.0543273	.0031311	.0281696	57.28832	1.008821
#3	.4702272	.0101783	.0501489	.0036370	.0283126	57.18813	1.007450

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0041426	-.000097	18.62761	.0113613	.0236213	.0173108	73.57536
Stddev	.0000703	.000032	.10690	.0004014	.0003029	.0027633	.50762
%RSD	1.697406	32.79068	.5738986	3.532698	1.282207	15.96264	.6899307

#1	.0040694	-.000083	18.50421	.0116841	.0239697	.0144508	72.99009
#2	.0042097	-.000075	18.68658	.0109119	.0234738	.0175158	73.84019
#3	.0041488	-.000133	18.69205	.0114880	.0234204	.0199659	73.89579

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.63365	12.74988	.0176118	-.003002	-.177501	.1534472	.1975476
Stddev	.11082	.10533	.0003827	.000096	.113649	.0017046	.0029599
%RSD	.8771631	.8260955	2.173184	3.193598	64.02729	1.110847	1.498317

#1	12.50768	12.63264	.0174581	-.002896	-.268487	.1529580	.1950287
#2	12.71609	12.83651	.0173298	-.003029	-.050110	.1520407	.1968064
#3	12.67720	12.78049	.0180475	-.003082	-.213905	.1553428	.2008076

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.596506	6.773574	-.009027	.0019411	.2705105	1.732563	-.000036
Stddev	.088024	.012336	.001755	.0001455	.0042224	.014893	.000720
%RSD	2.447475	.1821218	19.44360	7.494598	1.560906	.8596046	2005.391

#1	3.496547	6.780437	-.007003	.0017785	.2709012	1.727408	.000632
#2	3.662431	6.780952	-.009956	.0020589	.2745240	1.749349	-.000799
#3	3.630541	6.759332	-.010122	.0019859	.2661063	1.720932	.000060

Sample Name: K5244-05 Acquired: 10/09/2019 21:29:50 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0B00 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.566425	.0396508	.0758645
Stddev	.005959	.0014047	.0005014
%RSD	.3804327	3.542718	.6609229

#1	1.561593	.0391853	.0753743
#2	1.564599	.0385379	.0763764
#3	1.573084	.0412291	.0758428

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1867.620	3436.890	43372.16	10773.46	3311.881
Stddev	9.743	4.230	284.45	74.29	2.526
%RSD	.5216911	.1230784	.6558309	.6896041	.0762659

#1	1857.411	3437.314	43120.19	10855.30	3309.193
#2	1876.819	3440.892	43680.61	10710.28	3312.242
#3	1868.629	3432.464	43315.67	10754.79	3314.206

Sample Name: K5244-06 Acquired: 10/09/2019 21:33:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0B01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1575610	.0066816	.0237465	-.002688	.0057914	24.39406	.5313696
Stddev	.0017126	.0021373	.0008491	.007055	.0024975	.07073	.0027329
%RSD	1.086917	31.98811	3.575594	262.4367	43.12357	.2899671	.5143163

#1	.1568933	.0067414	.0241147	-.010099	.0080132	24.36560	.5283773
#2	.1595069	.0087884	.0243494	.003948	.0030883	24.34199	.5319976
#3	.1562829	.0045150	.0227755	-.001914	.0062728	24.47460	.5337338

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043935	-.001518	14.81169	.0297431	.0306588	-.004515	201.8312
Stddev	.0000109	.000118	.16676	.0002792	.0004338	.000254	1.3415
%RSD	.2474392	7.786871	1.125895	.9388206	1.414979	5.622498	.6646848

#1	.0043882	-.001480	14.62455	.0296978	.0310014	-.004775	200.4288
#2	.0044060	-.001424	14.86598	.0294893	.0301710	-.004502	201.9625
#3	.0043863	-.001650	14.94455	.0300422	.0308040	-.004268	203.1023

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.538793	11.92077	.0113305	-.014980	-.246917	.5083811	.0768133
Stddev	.015055	.07012	.0005206	.000078	.302315	.0067272	.0007842
%RSD	.9783370	.5881796	4.594700	.5178005	122.4362	1.323261	1.020882

#1	1.523978	11.84483	.0119112	-.014904	.097704	.5008959	.0767362
#2	1.538326	11.93442	.0109055	-.015059	-.371042	.5139220	.0776332
#3	1.554076	11.98306	.0111748	-.014978	-.467412	.5103255	.0760705

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.182914	4.943832	-.026667	.0001704	.1431963	1.129891	.0028692
Stddev	.025128	.009815	.000346	.0001657	.0077138	.019214	.0002596
%RSD	.4848261	.1985283	1.297660	97.22500	5.386861	1.700530	9.048853

#1	5.191795	4.945960	-.027005	.0003505	.1374787	1.108207	.0030329
#2	5.154552	4.952408	-.026682	.0000244	.1519699	1.136668	.0025699
#3	5.202396	4.933127	-.026314	.0001363	.1401404	1.144798	.0030049

Sample Name: K5244-06 Acquired: 10/09/2019 21:33:54 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0B01 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.328763	.0149084	.0833334
Stddev	.009045	.0005343	.0000714
%RSD	.3884083	3.583699	.0856166

#1	2.321220	.0152781	.0832740
#2	2.326279	.0142959	.0833138
#3	2.338791	.0151513	.0834126

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1811.255	3357.662	42344.84	10439.49	3297.780
Stddev	8.310	4.431	200.08	31.13	5.123
%RSD	.4587855	.1319524	.4724937	.2982252	.1553562

#1	1804.825	3360.581	42149.76	10475.32	3303.434
#2	1808.302	3352.564	42335.19	10424.00	3293.446
#3	1820.638	3359.840	42549.56	10419.13	3296.459

Sample Name: K5244-07 Acquired: 10/09/2019 21:37:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0B34 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0734678	.0012237	.1879850	-.003030	.0053621	86.67574	1.760707
Stddev	.0022155	.0016870	.0014035	.003137	.0047292	.35314	.013023
%RSD	3.015614	137.8616	.7466208	103.5127	88.19578	.4074316	.7396634

#1	.0723750	.0001355	.1891615	-.004123	.0098451	86.48203	1.761682
#2	.0720110	.0031669	.1864315	.000507	.0058211	86.46184	1.747224
#3	.0760174	.0003685	.1883620	-.005475	.0004202	87.08335	1.773215

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049611	-.000797	19.11492	.0380242	.0508046	.0330452	176.3762
Stddev	.0002086	.000100	.18738	.0006424	.0003525	.0030133	1.0929
%RSD	4.204693	12.48289	.9802894	1.689396	.6938107	9.118671	.6196203

#1	.0051884	-.000769	19.26086	.0387581	.0504359	.0365229	176.7954
#2	.0047784	-.000908	18.90361	.0377499	.0508398	.0312103	175.1358
#3	.0049165	-.000715	19.18029	.0375644	.0511382	.0314025	177.1974

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.451405	36.55234	.0270965	-.010127	.1508303	.4284363	.2471955
Stddev	.017459	.24058	.0005832	.000329	.0785869	.0016416	.0036847
%RSD	.7122052	.6581927	2.152225	3.251570	52.10286	.3831700	1.490617

#1	2.453855	36.64137	.0264526	-.009755	.1637252	.4288808	.2434700
#2	2.432850	36.27992	.0275890	-.010245	.2221724	.4266182	.2508380
#3	2.467510	36.73571	.0272480	-.010381	.0665935	.4298099	.2472785

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.89627	4.218248	-.016863	.0005634	.9082285	4.385573	.0133284
Stddev	.13004	.016875	.005007	.0001596	.0054852	.127989	.0006035
%RSD	.8729952	.4000383	29.69227	28.32063	.6039425	2.918413	4.528051

#1	14.83981	4.213190	-.022610	.0005007	.9043911	4.438027	.0138104
#2	14.80401	4.204480	-.013444	.0007448	.9057834	4.239689	.0126515
#3	15.04501	4.237073	-.014534	.0004447	.9145111	4.479002	.0135233

Sample Name: K5244-07 Acquired: 10/09/2019 21:37:58 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0B34 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	8.655891	.0849753	.1770689
Stddev	.026676	.0012989	.0006333
%RSD	.3081838	1.528509	.3576472

#1	8.631553	.0864568	.1763380
#2	8.651709	.0840323	.1774537
#3	8.684411	.0844367	.1774150

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1828.494	3370.453	42926.71	10697.77	3240.991
Stddev	5.618	3.002	222.90	170.65	3.800
%RSD	.3072367	.0890674	.5192656	1.595237	.1172352

#1	1834.943	3367.344	42945.48	10556.59	3238.319
#2	1825.868	3373.336	42695.02	10887.41	3245.341
#3	1824.670	3370.679	43139.64	10649.30	3239.313

Sample Name: K5244-08 Acquired: 10/09/2019 21:42:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0B36 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2095095	.0015560	.0830208	.0000556	.0021004	28.37641	.6426059
Stddev	.0055760	.0027789	.0022697	.0032901	.0008745	.10894	.0045178
%RSD	2.661436	178.5957	2.733867	5922.770	41.63282	.3839053	.7030376

#1	.2089601	.0024247	.0835575	.0038517	.0026419	28.27845	.6409883
#2	.2042286	-.001554	.0849740	-.001712	.0025679	28.49373	.6477097
#3	.2153399	.003797	.0805308	-.001973	.0010916	28.35704	.6391196

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024699	.0027808	13.85918	.0091548	.0208104	.0119769	92.37102
Stddev	.0000482	.0001183	.10447	.0005283	.0002236	.0035960	.58158
%RSD	1.951350	4.254284	.7537686	5.770894	1.074258	30.02464	.6296182

#1	.0025255	.0026480	13.79251	.0085613	.0206098	.0090068	92.12660
#2	.0024439	.0028749	13.97957	.0093293	.0207699	.0159750	93.03492
#3	.0024403	.0028194	13.80545	.0095738	.0210514	.0109490	91.95153

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.249402	16.08777	.0095067	-.005480	-.249893	.1922830	.3068846
Stddev	.016161	.11255	.0005731	.000602	.144964	.0040883	.0056286
%RSD	.7184621	.6995861	6.028811	10.98433	58.01031	2.126198	1.834120

#1	2.242991	16.03400	.0100724	-.005028	-.141195	.1905577	.3099491
#2	2.267785	16.21712	.0095213	-.006163	-.414483	.1969512	.3003887
#3	2.237430	16.01219	.0089264	-.005249	-.194001	.1893402	.3103161

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.720613	3.039564	-.012534	-.000472	.2560138	1.151906	.0004098
Stddev	.041352	.009664	.001317	.000694	.0062393	.011256	.0011970
%RSD	.8759797	.3179261	10.51081	147.0789	2.437107	.9771264	292.0842

#1	4.746851	3.031248	-.011374	-.000028	.2489460	1.139334	.0017775
#2	4.742042	3.037278	-.013966	-.001271	.2583377	1.161048	-.000447
#3	4.672945	3.050165	-.012262	-.000116	.2607576	1.155334	-.000101

Sample Name: K5244-08 Acquired: 10/09/2019 21:42:00 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0B36 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.723311	.0233632	.0781502
Stddev	.010431	.0003083	.0003400
%RSD	.3830113	1.319440	.4350536

#1	2.713772	.0231876	.0778038
#2	2.734448	.0237192	.0784835
#3	2.721714	.0231829	.0781631

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1805.272	3361.720	42482.63	10525.72	3337.106
Stddev	14.806	1.902	355.92	161.74	5.771
%RSD	.8201558	.0565895	.8377982	1.536606	.1729225

#1	1788.442	3361.836	42176.46	10540.48	3341.097
#2	1811.080	3359.763	42398.28	10357.11	3330.489
#3	1816.293	3363.562	42873.15	10679.58	3339.731

Sample Name: K5244-09 Acquired: 10/09/2019 21:46:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0B37 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1035109	.0011555	.0299063	.0019600	.0064481	43.00990	1.059010
Stddev	.0043527	.0024533	.0006928	.0046213	.0021356	.30354	.012217
%RSD	4.205106	212.3163	2.316701	235.7817	33.11936	.7057465	1.153596

#1	.0996673	.0024077	.0295856	-.003319	.0054125	42.66031	1.044911
#2	.1082374	-.001671	.0294320	.005274	.0089041	43.20650	1.065657
#3	.1026280	.002730	.0307014	.003925	.0050279	43.16289	1.066461

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029743	-.000871	19.89845	.0131870	.0428209	.0072454	136.9962
Stddev	.0001031	.000036	.23013	.0010303	.0001569	.0001655	1.1524
%RSD	3.464697	4.086646	1.156528	7.812969	.3664870	2.283620	.8411952

#1	.0030619	-.000842	19.63786	.0120959	.0429778	.0071629	135.6762
#2	.0028608	-.000860	19.98370	.0141433	.0428212	.0071373	137.5103
#3	.0030003	-.000910	20.07379	.0133217	.0426639	.0074358	137.8020

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.863395	29.12682	.0172596	-.010269	-.039989	.2828134	.1878987
Stddev	.023615	.24542	.0005766	.000334	.081931	.0016992	.0017081
%RSD	.8247350	.8426070	3.340743	3.249292	204.8829	.6008020	.9090328

#1	2.836145	28.84514	.0177972	-.010538	.032117	.2823327	.1894298
#2	2.877892	29.24072	.0173309	-.009896	-.129082	.2814064	.1860565
#3	2.876147	29.29460	.0166506	-.010373	-.023002	.2847011	.1882097

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.75519	4.275364	-.014215	.0001915	.2404875	1.149391	-.001477
Stddev	.08765	.005827	.001007	.0001708	.0030866	.021055	.000869
%RSD	.6871571	.1362838	7.087093	89.15921	1.283479	1.831807	58.85546

#1	12.70056	4.268788	-.013182	.0001033	.2428662	1.128265	-.002380
#2	12.85629	4.279883	-.015195	.0003883	.2415967	1.170374	-.001407
#3	12.70872	4.277422	-.014269	.0000829	.2369995	1.149535	-.000645

Sample Name: K5244-09 Acquired: 10/09/2019 21:46:03 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0B37 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	7.403707	.0469007	.1217610
Stddev	.050169	.0007103	.0003910
%RSD	.6776246	1.514523	.3211498

#1	7.346674	.0468605	.1218733
#2	7.423431	.0462113	.1220836
#3	7.441017	.0476303	.1213261

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1793.481	3322.845	42248.71	10538.74	3276.476
Stddev	21.436	2.419	118.54	36.83	3.107
%RSD	1.195229	.0727900	.2805811	.3495097	.0948242

#1	1772.886	3320.360	42176.28	10579.48	3272.890
#2	1815.669	3322.985	42385.51	10507.78	3278.171
#3	1791.887	3325.191	42184.34	10528.96	3278.367

Sample Name: K5244-10 Acquired: 10/09/2019 21:50:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0B38 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 10.11890	.0082443	5.481427	-.000419	.2653397	46.04090
Stddev	.00738	.0018388	.018103	.000933	.0037182	.12920
%RSD	.0728969	22.30426	.3302570	222.7178	1.401302	.2806158

#1	10.11171	.0088783	5.472604	-.000071	.2610579	45.94478
#2	10.12645	.0096822	5.502250	-.001476	.2677543	46.18777
#3	10.11854	.0061723	5.469428	.000290	.2672069	45.99015

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.838730	.0023547	.0376224	16.60430	.0056741	.0532996
Stddev	.014167	.0000776	.0000811	.13074	.0007028	.0007095
%RSD	.7704613	3.296101	.2157019	.7873627	12.38632	1.331134

#1	1.830111	.0023046	.0376847	16.50529	.0048626	.0524848
#2	1.855080	.0024441	.0376519	16.75250	.0060741	.0536338
#3	1.830999	.0023153	.0375307	16.55513	.0060857	.0537803

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.103532	158.3842	F 33.73022	30.60679	.0220608	.4008084
Stddev	.003075	.7640	.22932	.19149	.0003605	.0026679
%RSD	.2786478	.4823460	.6798636	.6256384	1.634185	.6656286

#1	1.106821	157.6658	33.55242	30.43826	.0216504	.3977574
#2	1.103047	159.1867	33.98905	30.81502	.0223264	.4027029
#3	1.100728	158.2999	33.64918	30.56708	.0222056	.4019649

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9332246	.2603776	7.630714	12.26984	3.014161	-.012154
Stddev	.1776775	.0024253	.053134	.05980	.002410	.003744
%RSD	19.03909	.9314529	.6963145	.4873779	.0799408	30.80579

#1	1.012024	.2593465	7.690148	12.27942	3.011521	-.009539
#2	.729775	.2586383	7.587809	12.32428	3.016242	-.016444
#3	1.057875	.2631481	7.614186	12.20583	3.014719	-.010481

Sample Name: K5244-10 Acquired: 10/09/2019 21:50:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0B38 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000233	3.472610	1.474079	.0064661	7.391192	.0452948
Stddev	.000354	.017511	.020730	.0020407	.016059	.0009463
%RSD	151.8988	.5042518	1.406308	31.55943	.2172783	2.089254
#1	-.000607	3.452397	1.466902	.0087588	7.381732	.0442234
#2	.000096	3.482282	1.497443	.0057905	7.409735	.0460165
#3	-.000188	3.483152	1.457891	.0048488	7.382110	.0456446

Elem	Sr4077
Units	ppm
Avg	.1390606
Stddev	.0004396
%RSD	.3161418
#1	.1385532
#2	.1393277
#3	.1393008

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1800.303	3325.544	42226.61	10499.03	3257.355
Stddev	5.343	8.635	116.82	128.14	10.978
%RSD	.2967852	.2596453	.2766396	1.220535	.3370071
#1	1798.641	3331.236	42360.30	10580.67	3264.478
#2	1795.988	3315.609	42144.27	10351.34	3244.713
#3	1806.279	3329.787	42175.25	10565.09	3262.875

Sample Name: K5244-11 Acquired: 10/09/2019 21:54:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0B40 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.891539	.0370134	3.343452	.0013915	.2688009	27.80041
Stddev	.018268	.0045341	.005942	.0019014	.0026851	.11511
%RSD	.2054543	12.25001	.1777277	136.6457	.9989033	.4140593

#1	8.898286	.0422086	3.345828	-.000586	.2717240	27.68404
#2	8.905474	.0349778	3.347839	.003206	.2682346	27.80299
#3	8.870857	.0338538	3.336690	.001554	.2664442	27.91421

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.934928	-.001298	.0211722	18.64447	.0088916	.0532357
Stddev	.021937	.000080	.0000553	.06105	.0007698	.0002331
%RSD	.2764610	6.194829	.2612274	.3274320	8.657484	.4379031

#1	7.957053	-.001335	.0211185	18.70517	.0084510	.0533352
#2	7.934548	-.001353	.0212290	18.64517	.0097805	.0534025
#3	7.913184	-.001205	.0211693	18.58308	.0084434	.0529693

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7259605	142.1343	F 88.80472	13.19637	.0285699	.3262304
Stddev	.0025292	.2253	.78607	.02352	.0004198	.0012119
%RSD	.3483971	.1585340	.8851642	.1782536	1.469311	.3714715

#1	.7233420	142.2222	89.42354	13.22190	.0282601	.3275926
#2	.7283899	142.3024	87.92024	13.17558	.0284020	.3258269
#3	.7261496	141.8783	89.07036	13.19162	.0290477	.3252718

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7226968	.3925926	5.744916	5.537179	4.401790	-.015176
Stddev	.0583955	.0027057	.082694	.062271	.027053	.002893
%RSD	8.080228	.6891934	1.439427	1.124592	.6145979	19.06240

#1	.6716013	.3956463	5.695005	5.465392	4.430850	-.015169
#2	.7863494	.3916376	5.840369	5.576617	4.397184	-.012287
#3	.7101398	.3904939	5.699374	5.569528	4.377335	-.018072

Sample Name: K5244-11 Acquired: 10/09/2019 21:54:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0B40 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0035452	3.533838	1.562673	.0162862	2.314211	.0193577
Stddev	.0003302	.025023	.013563	.0009962	.009615	.0019252
%RSD	9.314894	.7080871	.8679431	6.117105	.4154946	9.945465
#1	.0039147	3.537731	1.565040	.0164776	2.304944	.0214895
#2	.0034420	3.556687	1.574897	.0152081	2.324140	.0177459
#3	.0032789	3.507098	1.548082	.0171728	2.313548	.0188377

Elem	Sr4077
Units	ppm
Avg	.1658784
Stddev	.0005421
%RSD	.3268213
#1	.1652529
#2	.1661702
#3	.1662121

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1825.119	3390.868	42611.36	10572.17	3265.575
Stddev	11.332	8.356	339.85	55.31	10.219
%RSD	.6208903	.2464180	.7975467	.5231848	.3129426
#1	1830.179	3381.220	42383.14	10532.55	3262.370
#2	1812.139	3395.683	42449.01	10635.36	3257.343
#3	1833.039	3395.701	43001.94	10548.58	3277.013

Sample Name: K5244-12 Acquired: 10/09/2019 21:58:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0B41 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.351776	.0408896	5.192117	.0034835	.3479010	40.07268
Stddev	.002738	.0007190	.014015	.0031385	.0001067	.13598
%RSD	.0431030	1.758425	.2699216	90.09718	.0306774	.3393376

#1	6.349461	.0400642	5.191185	.0019400	.3479386	39.93929
#2	6.351069	.0412252	5.206574	.0014156	.3479839	40.21111
#3	6.354798	.0413794	5.178592	.0070949	.3477806	40.06764

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.582429	-.004277	.0234253	31.42250	.0032764	.0664986
Stddev	.006034	.000110	.0000867	.09892	.0003604	.0003148
%RSD	.3813308	2.564511	.3700745	.3147954	11.00079	.4734097

#1	1.585646	-.004374	.0233832	31.50838	.0036923	.0661529
#2	1.586173	-.004158	.0235250	31.44476	.0030548	.0665741
#3	1.575468	-.004300	.0233676	31.31434	.0030822	.0667688

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7758110	142.2164	F 122.6411	34.21512	.0236686	.8463258
Stddev	.0055859	.2114	.2937	.06424	.0005894	.0049081
%RSD	.7200042	.1486247	.2394753	.1877622	2.490089	.5799277

#1	.7693989	142.1370	122.3046	34.20703	.0241997	.8454336
#2	.7784123	142.4560	122.8456	34.28302	.0230345	.8419250
#3	.7796218	142.0563	122.7731	34.15530	.0237715	.8516188

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4199615	.3158811	5.112643	11.05593	4.108587	-.021596
Stddev	.1785201	.0031894	.019682	.06076	.010315	.000710
%RSD	42.50869	1.009698	.3849741	.5495847	.2510537	3.287873

#1	.4727364	.3180353	5.099808	11.05091	4.101065	-.020885
#2	.2210036	.3173908	5.102818	11.11904	4.120345	-.021598
#3	.5661445	.3122171	5.135304	10.99783	4.104350	-.022305

Sample Name: K5244-12 Acquired: 10/09/2019 21:58:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0B41 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004023	5.358009	1.252229	.0021303	7.270026	.0473799
Stddev	.000108	.022560	.015377	.0006447	.028361	.0019050
%RSD	2.691475	.4210611	1.227943	30.26441	.3901048	4.020723
#1	-.004143	5.374320	1.247186	.0023586	7.250474	.0453437
#2	-.003933	5.367444	1.269494	.0014025	7.302554	.0476773
#3	-.003993	5.332262	1.240007	.0026298	7.257051	.0491188

Elem	Sr4077
Units	ppm
Avg	.1271910
Stddev	.0008044
%RSD	.6324354
#1	.1263080
#2	.1278821
#3	.1273828

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1798.595	3318.467	41795.58	10284.51	3211.857
Stddev	7.633	1.597	342.31	43.85	5.132
%RSD	.4244130	.0481109	.8190102	.4263724	.1597698
#1	1790.193	3316.627	41635.02	10241.68	3206.712
#2	1805.103	3319.287	42188.66	10282.55	3211.884
#3	1800.488	3319.487	41563.06	10329.31	3216.976

Sample Name: K5244-13 Acquired: 10/09/2019 22:02:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0B42 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.303736	.0030755	.3369689	-.002018	.0223400	24.86096	.8235100
Stddev	.014725	.0062275	.0013596	.001685	.0031243	.11858	.0041707
%RSD	1.129449	202.4876	.4034899	83.49660	13.98520	.4769919	.5064529

#1	1.292549	.0048712	.3359252	-.000328	.0258038	24.75292	.8216396
#2	1.320418	.0082078	.3385065	-.002029	.0197347	24.84214	.8206020
#3	1.298239	-.003853	.3364751	-.003697	.0214816	24.98784	.8282885

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018122	.0032936	11.38105	.0096983	.0483290	.0858591	68.40055
Stddev	.0000626	.0000245	.04541	.0008611	.0003471	.0008428	.30707
%RSD	3.455392	.7425290	.3989819	8.879314	.7181142	.9816158	.4489262

#1	.0017400	.0032658	11.37626	.0088021	.0479523	.0859911	68.23535
#2	.0018503	.0033116	11.33822	.0105195	.0486356	.0849581	68.21144
#3	.0018464	.0033035	11.42866	.0097733	.0483992	.0866282	68.75485

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.314089	10.80009	.0135982	.0129944	.0740547	.1426619	.9590971
Stddev	.057339	.02632	.0002497	.0004920	.0406893	.0012216	.0112252
%RSD	.6896611	.2437087	1.836121	3.786034	54.94501	.8563056	1.170387

#1	8.286866	10.81207	.0138852	.0125412	.0420546	.1440713	.9461380
#2	8.275431	10.76991	.0134315	.0129244	.0602618	.1419067	.9653523
#3	8.379968	10.81829	.0134778	.0135177	.1198476	.1420077	.9658010

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.517530	3.092798	-.011161	.0017862	.6535516	1.426055	.0007488
Stddev	.077570	.014491	.000784	.0000511	.0062925	.023968	.0008170
%RSD	1.190175	.4685265	7.024525	2.858815	.9628223	1.680723	109.1186

#1	6.504612	3.079368	-.011589	.0017838	.6474372	1.417601	.0016281
#2	6.447230	3.108156	-.010257	.0018384	.6532093	1.407460	.0000131
#3	6.600748	3.090870	-.011639	.0017363	.6600083	1.453105	.0006051

Sample Name: K5244-13 Acquired: 10/09/2019 22:02:19 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0B42 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.352855	.0144463	.0620001
Stddev	.008403	.0009714	.0002597
%RSD	.3571374	6.724172	.4189264

#1	2.345772	.0136746	.0617002
#2	2.350653	.0141272	.0621509
#3	2.362140	.0155371	.0621491

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1827.832	3397.458	42834.64	10540.31	3335.494
Stddev	24.175	3.020	448.12	56.92	4.088
%RSD	1.322610	.0888791	1.046165	.5400390	.1225458

#1	1855.109	3399.329	43333.13	10578.80	3338.011
#2	1809.055	3393.974	42705.58	10567.20	3330.777
#3	1819.333	3399.070	42465.21	10474.92	3337.692

Sample Name: K5244-17 Acquired: 10/09/2019 22:06:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0B44 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	kF 102.2514	k 4.129212	k .6031945	k .8593953	k .7817891	k 76.85262
Stddev	.1493	.015553	.0040763	.0069839	.0029028	.27016
%RSD	.1460103	.3766519	.6757814	.8126505	.3713089	.3515324

#1	k 102.0959	k 4.112522	k .5985817	k .8560551	k .7847779	k 76.68346
#2	k 102.3937	k 4.143299	k .6046903	k .8547087	k .7789806	k 76.71021
#3	k 102.2646	k 4.131813	k .6063116	k .8674220	k .7816087	k 77.16420

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.600446	-.084686	k .2478775	^ *****	k .4451188	1.960668
Stddev	.007599	.000481	.0008607	-----	.0017567	.002147
%RSD	.2922148	.5685475	.3472078	-----	.3946523	.1095005

#1	2.603855	-.084453	k .2486640	^ -----	k .4466188	1.962486
#2	2.591739	-.084365	k .2480104	^ -----	k .4431863	1.958299
#3	2.605743	-.085239	k .2469582	^ -----	k .4455514	1.961219

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .6292818	kF 1078.751	^ *****	-2.28394	.2115386	k .1027403
Stddev	.0018324	11.039	-----	.03939	.0020974	.0023299
%RSD	.2911811	1.023294	-----	1.724601	.9915030	2.267727

#1	k .6279113	k 1070.666	^ -----	-2.31621	.2139523	k .1051293
#2	k .6285710	k 1091.328	^ -----	-2.29556	.2105033	k .1004744
#3	k .6313630	k 1074.260	^ -----	-2.24005	.2101600	k .1026172

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k 3.673645	^ *****	kF 101.0501	6.197609	k 2.266528	^ *****
Stddev	.068608	-----	.5634	.079572	.008340	-----
%RSD	1.867586	-----	.5575020	1.283918	.3679592	-----

#1	k 3.693603	^ -----	k 101.3721	6.106526	k 2.257260	^ -----
#2	k 3.597270	^ -----	k 100.3996	6.253626	k 2.273428	^ -----
#3	k 3.730061	^ -----	k 101.3785	6.232673	k 2.268897	^ -----

Sample Name: K5244-17 Acquired: 10/09/2019 22:06:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0B44 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0172644	k 20.26364	71.67048	.0035385	.0491886	-.003023
Stddev	.0004076	.01685	.43109	.0017535	.0003416	.000717
%RSD	2.360947	.0831570	.6014938	49.55583	.6944278	23.70469

#1	.0168019	k 20.26293	71.27433	.0024195	.0495132	-.003775
#2	.0175711	k 20.28083	71.60753	.0055594	.0492204	-.002947
#3	.0174203	k 20.24715	72.12959	.0026366	.0488322	-.002348

Elem	Sr4077
Units	ppm
Avg	.7347289
Stddev	.0018659
%RSD	.2539647

#1	.7332762
#2	.7340773
#3	.7368333

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2579.691	4787.698	57371.02	14986.06	2603.812
Stddev	13.013	2.215	413.18	70.04	3.097
%RSD	.5044283	.0462661	.7201941	.4673614	.1189308

#1	2574.541	4788.258	56893.99	14974.66	2600.454
#2	2594.491	4785.256	57602.55	15061.10	2606.556
#3	2570.042	4789.579	57616.53	14922.42	2604.424

Sample Name: K5244-19 Acquired: 10/09/2019 22:14:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0B46 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 11.54855	.0707611	2.191061	.0118982	.3068110	30.03107
Stddev	.02169	.0011343	.002230	.0043185	.0009545	.07819
%RSD	.1878343	1.603003	.1017784	36.29537	.3110935	.2603581

#1	11.57106	.0706517	2.193612	.0165429	.3070192	29.95850
#2	11.54680	.0719462	2.190093	.0080044	.3076442	30.11387
#3	11.52778	.0696855	2.189479	.0111474	.3057696	30.02086

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.697757	-.006697	.0316999	37.06116	-.006619	.1080842
Stddev	.013957	.000095	.0000870	.21251	.000826	.0002167
%RSD	.5173473	1.412747	.2744903	.5733904	12.47655	.2004531

#1	2.691364	-.006779	.0317088	36.89046	-.006142	.1081992
#2	2.713765	-.006593	.0316088	37.29917	-.007572	.1078343
#3	2.688142	-.006720	.0317821	36.99385	-.006142	.1082192

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6166455	157.8948	F 189.9370	15.81812	.0468642	.3262553
Stddev	.0014242	.7253	1.0298	.16143	.0008787	.0004773
%RSD	.2309601	.4593831	.5421745	1.020546	1.875057	.1462861

#1	.6165029	157.1831	189.3563	15.76923	.0458833	.3259835
#2	.6181356	158.6330	191.1259	15.99834	.0471299	.3268064
#3	.6152979	157.8682	189.3286	15.68678	.0475794	.3259760

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.147155	.2680884	20.65489	11.81537	3.676849	-.019315
Stddev	.279464	.0022875	.05245	.03744	.009793	.000862
%RSD	189.9111	.8532631	.2539226	.3168627	.2663410	4.465280

#1	-.181954	.2654530	20.63902	11.83810	3.680232	-.018886
#2	.148078	.2695600	20.61221	11.77216	3.665813	-.020308
#3	-.407590	.2692522	20.71344	11.83586	3.684503	-.018752

Sample Name: K5244-19 Acquired: 10/09/2019 22:14:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0B46 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0027212	2.751960	3.760738	.0016537	3.424800	.0257994
Stddev	.0002361	.008900	.031741	.0015445	.001504	.0011369
%RSD	8.676080	.3233987	.8440119	93.39254	.0439022	4.406639
#1	.0029288	2.748295	3.757309	.0032239	3.425687	.0248361
#2	.0024644	2.762107	3.794054	.0016010	3.425650	.0270535
#3	.0027705	2.745477	3.730850	.0001363	3.423064	.0255087

Elem	Sr4077
Units	ppm
Avg	.3472061
Stddev	.0004805
%RSD	.1383805
#1	.3476827
#2	.3472138
#3	.3467219

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1839.660	3398.580	42668.18	10637.37	3215.791
Stddev	9.336	1.038	161.65	43.53	3.374
%RSD	.5074627	.0305316	.3788534	.4091928	.1049199
#1	1839.837	3399.461	42828.65	10687.01	3218.978
#2	1848.906	3397.436	42670.53	10605.75	3212.257
#3	1830.237	3398.843	42505.37	10619.34	3216.139

Sample Name: K5244-20 Acquired: 10/09/2019 22:18:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0B47 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.811586	.0857422	1.822891	.0125927	.1929506	36.81196
Stddev	.018097	.0056311	.004092	.0004808	.0021465	.07899
%RSD	.2053787	6.567499	.2244538	3.818355	1.112474	.2145735

#1	8.822837	.0824016	1.818255	.0129477	.1921131	36.78623
#2	8.821210	.0825814	1.825998	.0120455	.1913490	36.90061
#3	8.790710	.0922436	1.824419	.0127849	.1953896	36.74905

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.561949	-.005363	.0324171	29.21558	-.004313	.1346008
Stddev	.011668	.000166	.0000731	.12079	.000377	.0001300
%RSD	.4554233	3.094676	.2253568	.4134390	8.730328	.0966213

#1	2.562164	-.005555	.0323859	29.14279	-.004313	.1346663
#2	2.573508	-.005260	.0325006	29.35501	-.004690	.1346852
#3	2.550176	-.005275	.0323648	29.14893	-.003937	.1344510

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6384682	178.6958	F 186.5743	17.05266	.0504329	.1794965
Stddev	.0017026	.6015	.9879	.03783	.0008739	.0010375
%RSD	.2666736	.3365976	.5295160	.2218176	1.732758	.5780001

#1	.6395906	178.5397	185.5408	17.03248	.0504470	.1806001
#2	.6365091	179.3600	187.5092	17.09630	.0512997	.1793483
#3	.6393048	178.1878	186.6730	17.02921	.0495521	.1785411

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1411366	.3221999	21.41534	11.64297	5.441010	-.022927
Stddev	.1060525	.0038310	.15178	.04520	.003724	.001123
%RSD	75.14174	1.188999	.7087301	.3882220	.0684471	4.899914

#1	.1932235	.3240575	21.58745	11.69474	5.436770	-.021854
#2	.0191122	.3247479	21.35794	11.62285	5.443752	-.024095
#3	.2110740	.3177943	21.30064	11.61133	5.442509	-.022832

Sample Name: K5244-20 Acquired: 10/09/2019 22:18:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0B47 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062575	3.678801	3.374351	.0025121	3.541349	.0298091
Stddev	.0003082	.005689	.043305	.0008162	.012886	.0009359
%RSD	4.925692	.1546352	1.283353	32.49137	.3638740	3.139537
#1	.0063224	3.685228	3.389318	.0017860	3.546167	.0306217
#2	.0065281	3.674413	3.408187	.0033955	3.551131	.0287859
#3	.0059220	3.676761	3.325548	.0023547	3.526748	.0300198

Elem	Sr4077
Units	ppm
Avg	.3350734
Stddev	.0004301
%RSD	.1283617
#1	.3355317
#2	.3346785
#3	.3350102

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1897.496	3484.135	43882.02	11009.19	3186.137
Stddev	10.686	6.776	135.44	25.81	4.181
%RSD	.5631611	.1944760	.3086464	.2344495	.1312147
#1	1888.946	3479.567	43742.90	11038.92	3181.982
#2	1909.475	3480.917	44013.46	10992.53	3186.086
#3	1894.065	3491.920	43889.69	10996.11	3190.343

Sample Name: K5244-21 Acquired: 10/09/2019 22:22:43 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0B48 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.892535	.0874467	1.863149	.0154137	.2553569	25.89269
Stddev	.016709	.0056064	.001573	.0044669	.0023416	.15578
%RSD	.1689082	6.411233	.0844146	28.97988	.9169970	.6016226

#1	9.909333	.0897278	1.863909	.0111439	.2528995	25.71992
#2	9.892356	.0915530	1.861341	.0200545	.2556087	25.93571
#3	9.875916	.0810593	1.864198	.0150426	.2575624	26.02243

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.472224	-.009873	.0422724	27.27959	-.008149	.1532171
Stddev	.027788	.000287	.0001548	.24728	.001097	.0002893
%RSD	.8003010	2.905331	.3662880	.9064509	13.45814	.1888090

#1	3.443964	-.009647	.0422877	27.03315	-.006934	.1533046
#2	3.473192	-.009777	.0424191	27.27795	-.008449	.1528942
#3	3.499515	-.010196	.0421105	27.52769	-.009065	.1534526

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6771835	122.2470	F 212.8744	13.50665	.0424429	.1758781
Stddev	.0020782	.7888	3.5276	.08216	.0003274	.0018691
%RSD	.3068856	.6452518	1.657146	.6083034	.7713073	1.062715

#1	.6758547	121.5239	208.9608	13.44371	.0428057	.1755169
#2	.6795784	122.1290	213.8529	13.47665	.0421695	.1779014
#3	.6761173	123.0882	215.8095	13.59960	.0423536	.1742159

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1093844	.2528530	19.57692	8.689517	3.869471	-.021315
Stddev	.0469172	.0037178	.23410	.058249	.006148	.001859
%RSD	42.89201	1.470350	1.195801	.6703385	.1588723	8.721676

#1	.0868798	.2545298	19.59680	8.754476	3.875949	-.020779
#2	.1633144	.2554371	19.80045	8.641932	3.868746	-.019782
#3	.0779591	.2485921	19.33351	8.672143	3.863718	-.023383

Sample Name: K5244-21 Acquired: 10/09/2019 22:22:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0B48 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0181527	3.068650	1.777869	.0035847	2.710278	.0220426
Stddev	.0004468	.014261	.019035	.0003471	.016523	.0015381
%RSD	2.461188	.4647301	1.070655	9.682116	.6096413	6.977617
#1	.0180505	3.081162	1.758162	.0031995	2.693553	.0202984
#2	.0186417	3.071665	1.779295	.0036815	2.710691	.0226247
#3	.0177659	3.053123	1.796151	.0038730	2.726591	.0232046

Elem	Sr4077
Units	ppm
Avg	.3656279
Stddev	.0014914
%RSD	.4079041
#1	.3639921
#2	.3659797
#3	.3669120

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1821.351	3374.312	42241.54	10442.54	3201.364
Stddev	16.082	3.265	586.85	83.02	6.499
%RSD	.8829866	.0967600	1.389262	.7950217	.2030123
#1	1817.133	3372.567	42410.64	10499.40	3193.864
#2	1807.797	3372.290	41588.71	10480.95	3204.874
#3	1839.122	3378.079	42725.27	10347.27	3205.353

Sample Name: K5244-22 Acquired: 10/09/2019 22:26:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0B49 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.622407	.0560320	2.431934	.0089304	.4076183	38.56640
Stddev	.018796	.0014201	.003925	.0053159	.0020435	.16581
%RSD	.1953353	2.534520	.1614125	59.52530	.5013391	.4299324

#1	9.639837	.0576672	2.427988	.0072509	.4053407	38.47064
#2	9.624892	.0551072	2.435839	.0148832	.4082224	38.47069
#3	9.602492	.0553217	2.431976	.0046572	.4092916	38.75786

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.466371	-.004389	.0271740	30.50377	-.000802	.1060288
Stddev	.007139	.000033	.0001157	.10168	.001659	.0002192
%RSD	.2894535	.7614081	.4258405	.3333310	206.8125	.2067421

#1	2.471938	-.004355	.0272918	30.61907	-.002656	.1061464
#2	2.458322	-.004422	.0271696	30.42696	-.000296	.1057759
#3	2.468853	-.004391	.0270605	30.46528	.000545	.1061642

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7625164	158.9717	F 154.8543	23.08443	.0401200	.1799666
Stddev	.0053630	.2564	2.0148	.06019	.0002061	.0006436
%RSD	.7033329	.1613088	1.301116	.2607405	.5138211	.3576431

#1	.7636769	159.0615	157.1763	23.14782	.0400366	.1792536
#2	.7566681	158.6824	153.5672	23.02806	.0399686	.1805048
#3	.7672042	159.1711	153.8194	23.07740	.0403547	.1801414

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2348392	.3067379	17.95879	14.48858	3.463189	-.024812
Stddev	.1986162	.0023637	.10232	.07271	.010523	.000644
%RSD	84.57540	.7705910	.5697214	.5018269	.3038467	2.596191

#1	.2655480	.3073702	17.84453	14.49733	3.452931	-.025480
#2	.0226572	.3087211	17.98990	14.41189	3.473958	-.024194
#3	.4163124	.3041223	18.04194	14.55651	3.462679	-.024762

Sample Name: K5244-22 Acquired: 10/09/2019 22:26:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0B49 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062034	3.548993	3.705791	.0055575	4.176776	.0378458
Stddev	.0001672	.015479	.039673	.0011447	.012133	.0006272
%RSD	2.694489	.4361507	1.070580	20.59662	.2904851	1.657113

#1	.0062789	3.531119	3.749103	.0061856	4.174795	.0374012
#2	.0060118	3.557871	3.697056	.0062507	4.165756	.0385631
#3	.0063195	3.557988	3.671212	.0042363	4.189777	.0375731

Elem	Sr4077
Units	ppm
Avg	.2770631
Stddev	.0010613
%RSD	.3830692

#1	.2768549
#2	.2761213
#3	.2782131

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1850.639	3401.690	42896.55	10633.91	3213.878
Stddev	2.446	3.254	146.86	82.71	3.105
%RSD	.1321922	.0956459	.3423641	.7778083	.0966276

#1	1847.930	3404.599	43015.69	10538.66	3214.601
#2	1851.301	3398.176	42732.47	10687.64	3210.475
#3	1852.686	3402.295	42941.50	10675.42	3216.559

Sample Name: CCV005 Acquired: 10/09/2019 22:30:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV005 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.035934	5.025932	25.33063	4.950746	4.998043	403.6035	10.66641
Stddev	.014319	.019827	.08124	.032620	.004035	5.9657	.07562
%RSD	.2843449	.3944944	.3207370	.6588950	.0807346	1.478122	.7089657

#1	5.031806	5.003079	25.23768	4.953970	4.993385	400.0692	10.63668
#2	5.051864	5.038549	25.38810	4.916634	5.000448	410.4913	10.75237
#3	5.024132	5.036167	25.36610	4.981635	5.000297	400.2498	10.61017

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5218329	2.516300	423.3859	15.61800	2.561478	15.24543	414.8439
Stddev	.0013656	.008648	2.8557	.03994	.006794	.04043	2.6158
%RSD	.2616906	.3436605	.6745011	.2557617	.2652512	.2651904	.6305488

#1	.5202598	2.506522	421.9131	15.61059	2.553791	15.20308	412.8195
#2	.5227142	2.519437	426.6774	15.58228	2.566682	15.28361	417.7974
#3	.5225246	2.522941	421.5673	15.66113	2.563960	15.24961	413.9149

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.45512	409.4522	2.561127	1.293686	410.4512	2.565478	14.53374
Stddev	.09030	3.0445	.010910	.001276	3.6168	.015380	.13120
%RSD	.5842827	.7435472	.4259818	.0986099	.8811854	.5994856	.9027519

#1	15.40490	407.1665	2.549993	1.294276	408.4957	2.553938	14.53297
#2	15.55937	412.9082	2.561590	1.294561	414.6248	2.582938	14.66532
#3	15.40109	408.2821	2.571798	1.292223	408.2332	2.559558	14.40292

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	154.0315	5.343378	5.169373	4.963888	5.229475	5.181978	5.117100
Stddev	.2529	.018316	.017327	.012689	.017162	.016821	.013950
%RSD	.1641683	.3427714	.3351783	.2556223	.3281806	.3246057	.2726113

#1	153.8760	5.326721	5.149704	4.950179	5.219509	5.164561	5.101524
#2	154.3233	5.340421	5.176034	4.966266	5.219624	5.183239	5.121334
#3	153.8953	5.362993	5.182381	4.975220	5.249292	5.198132	5.128443

Sample Name: CCV005 Acquired: 10/09/2019 22:30:59 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV005 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.148502	5.291371	5.137608
Stddev	.022021	.061002	.040603
%RSD	.4277075	1.152852	.7903002

#1	5.132562	5.250508	5.092538
#2	5.173629	5.361490	5.171327
#3	5.139316	5.262115	5.148959

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1486.205	2782.381	37056.32	9621.999	2643.202
Stddev	16.186	2.743	138.53	47.384	5.639
%RSD	1.089078	.0986000	.3738435	.4924563	.2133318

#1	1480.493	2781.158	37002.89	9637.817	2648.892
#2	1473.649	2780.462	36952.45	9568.729	2637.616
#3	1504.472	2785.524	37213.60	9659.450	2643.096

Sample Name: CCB005 Acquired: 10/09/2019 22:35:05 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB005 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0063742	.0008050	.0026241	.0004504	-.000072	.0028560	.0006384
Stddev	.0068198	.0036389	.0005032	.0001272	.002427	.0035236	.0003434
%RSD	106.9906	452.0295	19.17556	28.24686	3385.740	123.3745	53.79339

#1	.0101550	-.001349	.0025392	.0004999	-.000707	-.001108	.0008351
#2	.0104661	.005006	.0031644	.0003059	-.002118	.004044	.0002419
#3	-.001499	-.001242	.0021688	.0005455	.002610	.005632	.0008384

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000314	-.000008	.0126344	.0004078	.0001596	.0026458	.0306543
Stddev	.0000937	.000033	.0137589	.0001573	.0001903	.0037715	.0129193
%RSD	298.5167	422.7245	108.9001	38.58103	119.2252	142.5458	42.14507

#1	.0001305	.000012	.0285190	.0005893	-.000013	.0067093	.0446202
#2	.0000194	.000011	.0049547	.0003223	.000128	.0019709	.0282128
#3	-.000056	-.000046	.0044296	.0003117	.000364	-.000743	.0191300

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032646	-.002315	-.000016	-.000448	.0007847	-.003094	.0050633
Stddev	.0003085	.011793	.000252	.000256	.2032892	.002882	.0016195
%RSD	9.450765	509.4250	1572.996	57.10679	25906.89	93.13983	31.98526

#1	.0032191	.009709	-.000084	-.000154	-.188293	-.005998	.0064801
#2	.0035934	-.002791	.000263	-.000573	-.025150	-.000236	.0054121
#3	.0029814	-.013863	-.000227	-.000617	.215797	-.003047	.0032978

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0060142	.0010334	.0046140	.0002770	-.008637	.0071298	.0001926
Stddev	.0626353	.0004583	.0008270	.0001885	.003324	.0011045	.0018905
%RSD	1041.455	44.34218	17.92418	68.01922	38.48433	15.49075	981.6168

#1	-.062217	.0013074	.0054598	.0003687	-.005037	.0082276	.0020447
#2	.060903	.0005044	.0045752	.0004022	-.009286	.0060188	-.001734
#3	.019357	.0012885	.0038071	.0000603	-.011589	.0071429	.000267

Sample Name: CCB005 Acquired: 10/09/2019 22:35:05 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v983) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB005 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0021038	.0016223	.0002763
Stddev	.0006379	.0016285	.0000684
%RSD	30.31974	100.3862	24.76608

#1	.0026364	.0033126	.0003531
#2	.0013969	.0000636	.0002539
#3	.0022781	.0014906	.0002218

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1748.737	3232.337	40801.65	10018.01	3323.005
Stddev	7.741	5.134	145.52	41.56	6.854
%RSD	.4426530	.1588236	.3566619	.4148439	.2062691

#1	1740.884	3229.756	40969.50	10060.52	3316.381
#2	1756.360	3238.250	40724.63	9977.47	3330.068
#3	1748.967	3229.007	40710.83	10016.05	3322.565