

Sample Name: S0 Acquired: 05/10/2019 11:34:02 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: IR Corr. Factor: 1.000000
User: BIN H 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	-.00045	-.00096	.00032	.00062	.00078	.00281	.02634	-.00279
Stddev	.00008	.00009	.00012	.00007	.00018	.00053	.00116	.00021
%RSD	18.139	9.3230	36.157	11.659	23.248	18.787	4.3874	7.5753
#1	-.00053	-.00087	.00034	.00066	.00078	.00286	.02733	-.00299
#2	-.00037	-.00096	.00020	.00067	.00096	.00226	.02507	-.00257
#3	-.00045	-.00105	.00043	.00054	.00060	.00331	.02661	-.00280
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	.00040	.00126	.00007	-.00034	.00291	.00124	.00097	-.00010
Stddev	.00012	.00052	.00003	.00006	.00034	.00009	.00012	.00014
%RSD	28.912	40.851	43.935	18.253	11.528	6.9431	12.651	137.70
#1	.00027	.00073	.00009	-.00030	.00297	.00132	.00083	-.00025
#2	.00048	.00131	.00004	-.00031	.00254	.00125	.00107	-.00004
#3	.00045	.00176	.00007	-.00041	.00321	.00115	.00101	.00000
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	-.00263	-.00092	.00008	.00007	.00090	.01357	-.00129	.00103
Stddev	.00015	.00001	.00156	.00028	.00022	.00093	.00003	.00019
%RSD	5.8124	1.3516	1911.2	387.18	24.147	6.8284	2.5482	18.632
#1	-.00251	-.00093	-.00030	-.00023	.00113	.01254	-.00126	.00114
#2	-.00280	-.00091	.00180	.00033	.00069	.01433	-.00133	.00115
#3	-.00258	-.00091	-.00125	.00012	.00089	.01383	-.00129	.00081
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	.00122	.00021	.00985	.00074	.00166	.01601	.00002	
Stddev	.00026	.00004	.00031	.00004	.00015	.00055	.00034	
%RSD	21.450	17.730	3.1462	5.8510	8.8783	3.4616	2142.5	
#1	.00094	.00017	.00993	.00069	.00178	.01538	.00040	
#2	.00146	.00025	.00951	.00075	.00149	.01644	-.00015	
#3	.00127	.00020	.01011	.00077	.00170	.01620	-.00021	

Sample Name: S0 Acquired: 05/10/2019 11:34:02 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: IR Corr. Factor: 1.000000
User: BIN H 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	2766.0	3826.3	56978.	11452.	4839.2
Stddev	6.0	7.1	87.	178.	14.2
%RSD	.21647	.18552	.15342	1.5501	.29384
#1	2762.6	3821.1	56884.	11320.	4824.3
#2	2762.5	3823.3	56994.	11654.	4852.7
#3	2772.9	3834.4	57057.	11381.	4840.4

Sample Name: S1 Acquired: 05/10/2019 11:38:07 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: IR Corr. Factor: 1.000000
User: BIN H 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	-.00008	.00073	.00207	.00245	.00924	.01788	.49978	.02055
Stddev	.00009	.00012	.00010	.00015	.00012	.00075	.00040	.00046
%RSD	116.12	16.409	4.8510	6.0490	1.2981	4.1856	.08094	2.2219
#1	.00001	.00087	.00203	.00236	.00925	.01787	.50020	.02029
#2	-.00008	.00065	.00218	.00262	.00911	.01713	.49975	.02029
#3	-.00017	.00068	.00199	.00236	.00935	.01863	.49939	.02108
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	.01114	.25401	.00184	.02979	.00693	.00372	.01029	.05451
Stddev	.00012	.00113	.00005	.00011	.00035	.00012	.00021	.00006
%RSD	1.0979	.44420	2.9724	.38203	5.0228	3.3579	2.0861	.10653
#1	.01101	.25276	.00191	.02973	.00731	.00380	.01022	.05453
#2	.01116	.25433	.00182	.02972	.00687	.00378	.01053	.05445
#3	.01125	.25495	.00181	.02992	.00662	.00358	.01012	.05456
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	.02172	.00109	.02006	.00600	.01487	.09265	-.00093	.00345
Stddev	.00023	.00008	.00107	.00009	.00016	.00024	.00005	.00036
%RSD	1.0681	7.5215	5.3199	1.4317	1.0673	.26090	5.7189	10.434
#1	.02171	.00103	.01886	.00601	.01476	.09282	-.00088	.00317
#2	.02148	.00119	.02091	.00591	.01479	.09237	-.00098	.00385
#3	.02195	.00107	.02041	.00608	.01505	.09276	-.00094	.00332
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	.00793	.00192	.03563	.00119	.04210	.04274	.60624	
Stddev	.00013	.00007	.00054	.00007	.00040	.00162	.00065	
%RSD	1.5865	3.6295	1.5018	6.1051	.94278	3.7788	.10800	
#1	.00806	.00186	.03505	.00115	.04170	.04400	.60691	
#2	.00781	.00191	.03610	.00128	.04249	.04092	.60560	
#3	.00792	.00199	.03574	.00116	.04212	.04330	.60622	

Sample Name: S1 Acquired: 05/10/2019 11:38:07 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: IR Corr. Factor: 1.000000
 User: BIN H 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	2739.2	3797.7	56771.	11371.	4838.4
Stddev	4.1	9.0	263.	22.	11.2
%RSD	.14821	.23739	.46298	.19755	.23064
#1	2735.4	3798.6	56497.	11370.	4840.3
#2	2738.8	3806.3	57021.	11394.	4848.5
#3	2743.5	3788.3	56796.	11349.	4826.5

Sample Name: S2 Acquired: 05/10/2019 11:42:14 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: IR Corr. Factor: 1.000000
User: BIN H 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	.04756	.08254	1.0819	.05792	.15658	2.5236	5.2973	.51713
Stddev	.00023	.00009	.0028	.00048	.00107	.0102	.0117	.00153
%RSD	.47712	.11384	.25573	.82623	.68205	.40298	.22062	.29618

#1	.04753	.08261	1.0847	.05790	.15619	2.5325	5.3094	.51744
#2	.04781	.08244	1.0818	.05744	.15575	2.5126	5.2860	.51546
#3	.04736	.08259	1.0792	.05840	.15778	2.5258	5.2966	.51847

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	1.2768	2.6884	.55984	.34011	.55066	.84939	1.9523	.58621
Stddev	.0013	.0229	.00157	.00052	.00065	.00426	.0130	.00276
%RSD	.10377	.85173	.28120	.15372	.11889	.50102	.66401	.47157

#1	1.2777	2.7028	.56071	.34031	.55105	.84971	1.9611	.58797
#2	1.2753	2.6620	.56078	.33952	.54990	.84499	1.9374	.58302
#3	1.2774	2.7005	.55802	.34051	.55102	.85348	1.9585	.58763

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	.32661	.05206	.13196	.06206	.77549	.54017	.03924	.24621
Stddev	.00015	.00036	.00108	.00066	.00258	.00235	.00012	.00049
%RSD	.04593	.69458	.81812	1.0645	.33265	.43554	.29977	.20093

#1	.32677	.05215	.13296	.06269	.77515	.54148	.03933	.24670
#2	.32648	.05236	.13082	.06137	.77310	.53745	.03928	.24620
#3	.32658	.05166	.13210	.06212	.77823	.54157	.03911	.24572

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	.67816	.02120	.33215	.10910	.40236	.66998	6.6771
Stddev	.00265	.00005	.00147	.00011	.00254	.00296	.0059
%RSD	.39070	.22326	.44265	.09817	.63066	.44233	.08829

#1	.67642	.02119	.33329	.10915	.40436	.67168	6.6798
#2	.67686	.02125	.33267	.10898	.39951	.66656	6.6703
#3	.68121	.02115	.33049	.10917	.40321	.67171	6.6812

Sample Name: S2 Acquired: 05/10/2019 11:42:14 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: IR Corr. Factor: 1.000000
 User: BIN H 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	2693.1	3676.5	56205.	11416.	4580.7
Stddev	2.2	13.9	265.	14.	9.8
%RSD	.08351	.37815	.47169	.12453	.21380
#1	2690.5	3681.8	56074.	11400.	4576.7
#2	2694.4	3686.9	56030.	11424.	4591.9
#3	2694.4	3660.7	56510.	11424.	4573.6

Sample Name: S3 Acquired: 05/10/2019 11:46:05 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: IR Corr. Factor: 1.000000
 User: BIN H 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	.09742	.16736	2.2010	.11436	.31572	5.1475	10.743	1.0474
Stddev	.00035	.00053	.0022	.00044	.00058	.0210	.009	.0054
%RSD	.35418	.31567	.10077	.38131	.18480	.40742	.08742	.51418

#1	.09777	.16677	2.2006	.11386	.31548	5.1697	10.752	1.0479
#2	.09708	.16778	2.2034	.11467	.31530	5.1281	10.734	1.0525
#3	.09741	.16753	2.1990	.11456	.31639	5.1446	10.743	1.0418

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	2.5800	5.4674	1.1140	.69734	1.0997	1.7037	3.9209	1.1962
Stddev	.0013	.0380	.0012	.00082	.0026	.0093	.0308	.0087
%RSD	.04842	.69526	.10319	.11764	.23267	.54550	.78652	.72604

#1	2.5798	5.5112	1.1153	.69764	1.1013	1.7143	3.9562	1.2054
#2	2.5814	5.4434	1.1139	.69797	1.0967	1.6973	3.8993	1.1950
#3	2.5789	5.4475	1.1130	.69641	1.1011	1.6994	3.9073	1.1882

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	.66797	.10768	.26865	.12516	1.5704	1.0988	.08758	.48056
Stddev	.00022	.00029	.00084	.00095	.0083	.0021	.00020	.00435
%RSD	.03318	.26620	.31392	.75780	.53035	.19489	.23247	.90606

#1	.66803	.10800	.26962	.12626	1.5784	1.0992	.08742	.48391
#2	.66815	.10755	.26820	.12464	1.5618	1.1007	.08781	.48213
#3	.66772	.10747	.26813	.12459	1.5712	1.0965	.08751	.47564

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	1.3187	.04647	.64980	.21384	.76924	1.3745	13.577
Stddev	.0032	.00023	.00324	.00026	.00576	.0118	.005
%RSD	.24383	.48480	.49840	.12162	.74900	.85923	.03456

#1	1.3153	.04623	.65254	.21375	.77529	1.3876	13.582
#2	1.3190	.04668	.65064	.21364	.76381	1.3710	13.577
#3	1.3217	.04651	.64622	.21414	.76861	1.3648	13.573

Sample Name: S3 Acquired: 05/10/2019 11:46:05 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: IR Corr. Factor: 1.000000
User: BIN H 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	2585.6	3520.7	54873.	11100.	4324.8
Stddev	8.3	3.3	282.	45.	6.0
%RSD	.31981	.09347	.51367	.40231	.13860
#1	2577.0	3520.1	54655.	11049.	4317.9
#2	2593.4	3524.2	55191.	11117.	4327.7
#3	2586.5	3517.7	54772.	11133.	4328.8

Sample Name: S5 Acquired: 05/10/2019 11:53:47 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: IR Corr. Factor: 1.000000
User: BIN H 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	.34896	.55957	8.5159	.38594	1.2683	20.427	41.660	3.8840
Stddev	.00104	.00069	.0257	.00011	.0006	.032	.671	.0107
%RSD	.29745	.12297	.30225	.02889	.04791	.15726	1.6100	.27584

#1	.34871	.55888	8.4954	.38604	1.2679	20.447	42.229	3.8835
#2	.35010	.55957	8.5074	.38582	1.2690	20.390	41.832	3.8735
#3	.34807	.56026	8.5448	.38595	1.2680	20.443	40.921	3.8949

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	8.8399	20.470	4.1528	2.7495	4.1842	6.2551	14.464	4.6264
Stddev	.0158	.175	.0058	.0047	.0097	.0199	.101	.0108
%RSD	.17824	.85380	.14060	.17126	.23285	.31857	.69941	.23273

#1	8.8276	20.567	4.1488	2.7459	4.1823	6.2716	14.519	4.6385
#2	8.8345	20.268	4.1595	2.7477	4.1756	6.2330	14.347	4.6177
#3	8.8577	20.576	4.1501	2.7548	4.1948	6.2608	14.524	4.6231

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	2.6044	.43137	1.0433	.46934	6.3586	4.3703	.33211	1.5666
Stddev	.0029	.00216	.0035	.00104	.0163	.0168	.00054	.0020
%RSD	.10978	.50005	.33616	.22200	.25645	.38481	.16311	.12490

#1	2.6023	.43255	1.0466	.46871	6.3699	4.3846	.33165	1.5649
#2	2.6031	.43268	1.0396	.47054	6.3400	4.3518	.33270	1.5662
#3	2.6076	.42888	1.0438	.46876	6.3661	4.3747	.33197	1.5688

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	4.5005	.17795	2.0156	.72825	2.4790	5.4529	51.479
Stddev	.0026	.00029	.0042	.00053	.0118	.0481	.318
%RSD	.05804	.16458	.20686	.07256	.47430	.88141	.61826

#1	4.5030	.17770	2.0133	.72876	2.4766	5.4992	51.218
#2	4.5008	.17827	2.0131	.72829	2.4686	5.4033	51.834
#3	4.4978	.17787	2.0204	.72770	2.4917	5.4564	51.385

Sample Name: S5 Acquired: 05/10/2019 11:53:47 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: IR Corr. Factor: 1.000000
User: BIN H 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	2350.1	3148.9	53165.	11048.	3799.2
Stddev	16.2	3.6	366.	53.	4.3
%RSD	.68880	.11508	.68932	.47843	.11329
#1	2331.9	3145.9	52818.	10988.	3800.7
#2	2363.1	3152.9	53130.	11086.	3802.6
#3	2355.2	3147.8	53548.	11070.	3794.4

Sample Name: S6 Acquired: 05/10/2019 11:57:50 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: IR Corr. Factor: 1.000000
 User: BIN H 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	55.180	33.751	17.085	7.8763	2.9310
Stddev	.109	.128	.034	.0121	.0071
%RSD	.19763	.37813	.19937	.15294	.24321

#1	55.231	33.758	17.117	7.8733	2.9319
#2	55.055	33.874	17.049	7.8660	2.9235
#3	55.254	33.619	17.087	7.8896	2.9377

Int. Std.	Y_3710
Units	Cts/S
Avg	10750.
Stddev	45.
%RSD	.41733

#1	10802.
#2	10729.
#3	10720.

Sample Name: ICB Acquired: 05/10/2019 12:14:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: BIN H 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	-.001965	-.000654	.0007331	.0022175	.0005994	.0023431	.0006372
Stddev	.001376	.000422	.0010652	.0028435	.0008473	.0061496	.0010290
%RSD	70.01601	64.48853	145.3065	128.2291	141.3704	262.4565	161.4892

#1	-.002926	-.000862	-.000378	-.000954	.0000048	.0074742	.0018122
#2	-.000389	-.000931	.000831	.003067	.0015695	.0040286	.0002032
#3	-.002580	-.000169	.001746	.004539	.0002237	-.004474	-.000104

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000020	.0000470	-.011293	-.000193	-.000416	-.000793	-.012646
Stddev	.000041	.0001550	.009448	.000359	.000291	.000766	.007874
%RSD	209.5864	329.9049	83.65974	185.9564	70.08720	96.69344	62.26609

#1	-.000052	.0002217	-.001738	.000185	-.000468	.000092	-.016691
#2	-.000034	-.000074	-.011512	-.000235	-.000677	-.001226	-.003571
#3	.000027	-.000007	-.020630	-.000530	-.000102	-.001244	-.017675

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003045	-.002015	-.000702	.0008658	-.189490	.0023599	-.002793
Stddev	.0002839	.025815	.000245	.0003973	.165078	.0019561	.001675
%RSD	93.25817	1280.880	34.86641	45.88788	87.11722	82.88921	59.97828

#1	.0003935	.020573	-.000823	.0010926	-.378002	.0011681	-.004067
#2	.0005332	-.030154	-.000862	.0004070	-.119687	.0046174	-.000895
#3	-.000013	.003535	-.000420	.0010977	-.070779	.0012942	-.003418

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0028805	.0002621	.0045874	-.000256	-.003444	-.030911	.0002527
Stddev	.0316837	.0018573	.0006914	.000448	.003119	.001340	.0005870
%RSD	1099.934	708.6960	15.07089	175.0437	90.56355	4.334328	232.3066

#1	-.031392	.0006038	.0053009	-.000195	-.004802	-.031454	.0006666
#2	.031103	.0019248	.0045409	.000158	-.005653	-.031894	-.000419
#3	.008930	-.001742	.0039205	-.000732	.000124	-.029385	.000511

Sample Name: ICB Acquired: 05/10/2019 12:14:19 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: ICB Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0007232	-.006831	-.000065
Stddev	.0014921	.001095	.000106
%RSD	206.3350	16.03411	163.1245

#1	.0021090	-.005919	-.000058
#2	-.000856	-.008046	.000037
#3	.000917	-.006529	-.000174

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2730.989	3749.855	56213.99	11345.17	4763.026
Stddev	18.673	7.413	280.84	78.41	11.054
%RSD	.6837436	.1976998	.4995881	.6911143	.2320717

#1	2752.380	3758.127	56288.09	11310.70	4775.782
#2	2722.643	3747.626	56450.34	11434.91	4756.272
#3	2717.945	3743.811	55903.53	11289.90	4757.024

Sample Name: ICSA Acquired: 05/10/2019 12:23:51 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: ICSA Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008698	.0060295	.0059524	-.012111	.0033501	248.5018
Stddev	.0034740	.0019468	.0042882	.001311	.0034547	.5358
%RSD	399.4038	32.28748	72.04155	10.82520	103.1223	.2156301

#1	.0029615	.0044137	.0010677	-.011713	.0056829	248.6275
#2	.0027883	.0081909	.0076927	-.011045	.0049863	247.9143
#3	-.003140	.0054840	.0090970	-.013574	-.000619	248.9637

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0051715	.0010184	.0000222	269.5179	.0477814	.0007939
Stddev	.0008165	.0001174	.0000622	2.1243	.0002217	.0002936
%RSD	15.78813	11.52603	279.4546	.7881780	.4639114	36.98344

#1	.0043157	.0010714	-.000022	269.9795	.0478339	.0009782
#2	.0052568	.0010999	.000093	267.2007	.0475382	.0004553
#3	.0059419	.0008839	-.000005	271.3733	.0479722	.0009481

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005406	107.8789	.0145706	271.2424	.0002697	-.007323
Stddev	.000773	.7077	.0003545	1.1967	.0002570	.000542
%RSD	14.29215	.6560261	2.432919	.4412064	95.29543	7.406317

#1	-.006172	107.8913	.0146717	271.0260	.0005542	-.006910
#2	-.004626	107.1651	.0141765	270.1686	.0002002	-.007121
#3	-.005421	108.5804	.0148635	272.5325	.0000545	-.007937

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.516268	.0048577	.0055770	-.111347	F .0058716	F .1076006
Stddev	.262702	.0007720	.0010303	.047089	.0024983	.0009963
%RSD	50.88484	15.89149	18.47375	42.28978	42.54899	.9259185

#1	-.229872	.0048641	.0052867	-.158349	.0030395	.1071379
#2	-.572890	.0040826	.0047231	-.064173	.0068124	.1069197
#3	-.746043	.0056265	.0067213	-.111520	.0077629	.1087441

Sample Name: ICSA Acquired: 05/10/2019 12:23:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001657	F -.000177	F -.032702	-.004288	F -.000955	W -.001549
Stddev	.0003324	.004951	.001253	.000432	.002021	.001871
%RSD	200.6079	2793.599	3.831023	10.06449	211.6252	120.8350
#1	-.000193	-.003694	-.031395	-.003940	.001298	-.002129
#2	.000463	.005485	-.033892	-.004771	-.002606	-.003061
#3	.000228	-.002322	-.032818	-.004154	-.001557	.000544

Elem	Sr4077
Units	ppm
Avg	F .1064636
Stddev	.0004224
%RSD	.3967578
#1	.1062828
#2	.1061616
#3	.1069463

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2576.520	3527.373	53895.80	11023.78	4261.000
Stddev	4.808	18.600	57.61	89.64	30.970
%RSD	.1865942	.5273119	.1068973	.8131659	.7268300
#1	2581.351	3505.899	53961.31	11051.77	4225.740
#2	2571.736	3537.775	53873.03	11096.08	4273.460
#3	2576.473	3538.446	53853.05	10923.48	4283.799

Sample Name: ICSAB Acquired: 05/10/2019 12:27:55 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: ICSAB Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1012621	.1179022	.0566328	.0351320	.6640471	247.3546
Stddev	.0036399	.0025754	.0014957	.0048177	.0009114	.7427
%RSD	3.594560	2.184381	2.640987	13.71324	.1372561	.3002606

#1	.1041187	.1191881	.0549128	.0302935	.6650437	246.9543
#2	.0971638	.1149370	.0573589	.0399287	.6638420	248.2116
#3	.1025038	.1195814	.0576269	.0351739	.6632557	246.8980

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5503920	.5453455	1.002533	267.0800	.5824293	.5433616
Stddev	.0001094	.0018028	.000571	.5258	.0012348	.0012111
%RSD	.0198691	.3305795	.0569427	.1968708	.2120010	.2228824

#1	.5502822	.5467108	1.002911	266.8048	.5814868	.5438474
#2	.5503930	.5433020	1.001876	267.6863	.5838270	.5419830
#3	.5505009	.5460238	1.002812	266.7490	.5819740	.5442543

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5113095	107.0870	.5667939	269.9687	1.090800	.2147149
Stddev	.0009725	.1975	.0003946	.6521	.003142	.0019347
%RSD	.1902051	.1844139	.0696207	.2415329	.2880207	.9010713

#1	.5116596	106.9403	.5670952	269.7557	1.089688	.2141765
#2	.5102104	107.3116	.5663472	270.7006	1.088366	.2131064
#3	.5120585	107.0092	.5669393	269.4497	1.094347	.2168618

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.526848	.5551574	1.088767	-.255559	F .0056746	F .1062271
Stddev	.561986	.0027367	.004065	.030093	.0023518	.0017277
%RSD	106.6694	.4929671	.3733588	11.77540	41.44353	1.626429

#1	-.194949	.5520974	1.090359	-.281495	.0044392	.1053439
#2	-1.17572	.5560040	1.084147	-.262618	.0083867	.1082179
#3	-.20988	.5573708	1.091796	-.222564	.0041980	.1051196

Sample Name: ICSAB Acquired: 05/10/2019 12:27:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007446	F -.001106	F -.029536	-.004556	F -.001990	W -.005591
Stddev	.0002823	.007857	.000674	.001788	.001703	.001723
%RSD	37.90805	710.0668	2.282121	39.24036	85.58813	30.81752
#1	.0010693	-.010113	-.030295	-.003362	-.002334	-.007197
#2	.0005572	.004344	-.029008	-.006611	-.000141	-.003771
#3	.0006074	.002449	-.029304	-.003694	-.003495	-.005806

Elem	Sr4077
Units	ppm
Avg	F .1057822
Stddev	.0002871
%RSD	.2713636
#1	.1059152
#2	.1054527
#3	.1059786

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2589.610	3515.652	54484.70	11118.13	4242.694
Stddev	18.039	12.594	205.77	48.04	4.942
%RSD	.6965944	.3582295	.3776593	.4321287	.1164845
#1	2575.539	3527.198	54315.70	11073.02	4248.374
#2	2609.946	3502.222	54713.83	11168.65	4240.333
#3	2583.343	3517.535	54424.57	11112.70	4239.375

Sample Name: CCV008 Acquired: 05/10/2019 12:31:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV008 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.116995	4.857570	24.39469	4.766138	4.880137	409.7141
Stddev	.005420	.012595	.05397	.026075	.006728	.9346
%RSD	.1059294	.2592911	.2212516	.5470858	.1378576	.2281207

#1	5.117386	4.845687	24.37244	4.743450	4.872965	408.7765
#2	5.111390	4.856250	24.35540	4.794624	4.886308	409.7202
#3	5.122210	4.870773	24.45623	4.760340	4.881138	410.6458

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.998939	.5016022	2.460085	422.9805	14.70330	2.524885
Stddev	.017484	.0076359	.004792	3.7201	.01353	.004553
%RSD	.1748579	1.522301	.1947826	.8794888	.0920331	.1803227

#1	9.987191	.5019028	2.457401	420.7971	14.69999	2.522171
#2	10.01903	.4938204	2.457237	420.8686	14.71819	2.522342
#3	9.99059	.5090833	2.465617	427.2759	14.69174	2.530141

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.82379	421.3356	15.20971	412.7236	2.520805	1.274043
Stddev	.02727	1.9990	.12344	2.2242	.006734	.007457
%RSD	.1839698	.4744417	.8115602	.5388996	.2671238	.5853376

#1	14.79234	420.4239	15.14744	412.2390	2.517892	1.269382
#2	14.83823	419.9550	15.12981	410.7817	2.516019	1.282644
#3	14.84081	423.6279	15.35188	415.1501	2.528505	1.270103

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	412.2941	2.522410	14.62968	151.3671	F 4.030190	F 5.906143
Stddev	.9786	.007384	.21184	.3023	.015764	.071186
%RSD	.2373602	.2927320	1.448034	.1997255	.3911563	1.205288

#1	411.5425	2.518801	14.64107	151.1458	4.013320	5.916529
#2	411.9390	2.517524	14.83560	151.2439	4.032704	5.830335
#3	413.4007	2.530904	14.41237	151.7116	4.044547	5.971566

Sample Name: CCV008 Acquired: 05/10/2019 12:31:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV008 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.384613	4.904498	F 5.561333	F 5.507484	F 5.506826	5.194165
Stddev	.013196	.016652	.088637	.014098	.024458	.038650
%RSD	.2450623	.3395339	1.593809	.2559825	.4441396	.7440957
#1	5.375315	4.893645	5.544604	5.507107	5.480631	5.175439
#2	5.399716	4.896178	5.482252	5.493579	5.510784	5.168445
#3	5.378809	4.923671	5.657143	5.521768	5.529064	5.238610

Elem	Sr4077
Units	ppm
Avg	4.968801
Stddev	.065042
%RSD	1.309012
#1	4.951815
#2	4.913937
#3	5.040651

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2432.024	3255.565	53012.69	10792.01	3849.590
Stddev	23.285	11.678	552.27	86.81	1.079
%RSD	.9574362	.3587220	1.041760	.8044104	.0280305
#1	2427.607	3255.831	53100.83	10814.08	3850.417
#2	2411.264	3243.755	52421.66	10865.65	3848.369
#3	2457.201	3267.108	53515.59	10696.29	3849.983

Sample Name: CCB008 Acquired: 05/10/2019 12:35:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCB008 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003552	.0007162	.0009237	.0022212	.0010462	.0070409	.0001601
Stddev	.001600	.0014819	.0010961	.0023069	.0020962	.0050284	.0007487
%RSD	45.03903	206.9183	118.6630	103.8563	200.3728	71.41725	467.5540

#1	-.002598	-.000270	.0014212	-.000010	.0028147	.0125078	-.000241
#2	-.005399	.002420	.0016828	.002077	.0015932	.0026133	-.000302
#3	-.002660	-.000002	-.000333	.004597	-.001269	.0060016	.001024

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000010	.0000523	-.009542	.0006302	-.000291	.0050599	.0018240
Stddev	.0001264	.0000386	.017968	.0001993	.000264	.0019191	.0084028
%RSD	12200.50	73.73657	188.3075	31.62146	90.70899	37.92687	460.6756

#1	-.000123	.0000205	-.030206	.0005418	-.000548	.0064745	.0061761
#2	.000130	.0000952	-.000826	.0008584	-.000021	.0058299	-.007862
#3	-.000003	.0000413	.002406	.0004905	-.000304	.0028755	.007158

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007295	.0096197	-.000719	.0006458	-.068115	.0019041	.0023990
Stddev	.0005104	.0348901	.000625	.0001257	.329727	.0012416	.0002683
%RSD	69.96713	362.6953	87.03706	19.46315	484.0756	65.20882	11.18575

#1	.0012478	.0039459	-.000602	.0005193	.030321	.0004704	.0021530
#2	.0007134	-.022086	-.000159	.0006474	-.435850	.0026221	.0023587
#3	.0002274	.046999	-.001394	.0007707	.201184	.0026196	.0026852

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0783944	-.000445	.0086843	-.000194	-.004684	-.032067	.0011687
Stddev	.0799372	.000624	.0020572	.000438	.002196	.000977	.0010315
%RSD	101.9680	140.2932	23.68878	226.2827	46.87953	3.047721	88.26129

#1	.0828340	-.001094	.0106145	.000312	-.002470	-.033196	.0019328
#2	.1560192	.000152	.0089184	-.000438	-.006860	-.031503	-.000005
#3	-.003670	-.000393	.0065201	-.000454	-.004721	-.031503	.001578

Sample Name: CCB008 Acquired: 05/10/2019 12:35:46 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCB008 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0008875	-.002055	.0000818
Stddev	.0012642	.001308	.0001309
%RSD	142.4550	63.68040	159.9474

#1	.0005604	-.001972	.0002182
#2	-.000181	-.003402	.0000702
#3	.002283	-.000790	-.000043

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2754.712	3765.482	56651.03	11364.68	4792.433
Stddev	4.664	6.304	39.26	37.26	8.186
%RSD	.1692917	.1674059	.0692960	.3278384	.1708116

#1	2754.281	3758.422	56605.74	11353.10	4783.835
#2	2750.280	3770.546	56675.20	11406.36	4800.133
#3	2759.577	3767.478	56672.17	11334.59	4793.332

Sample Name: K2715-01 Acquired: 05/10/2019 12:56:29 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MDB7T5 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030725	.0012493	.0040799	.0005941	-.001435	-.058764	.0459065
Stddev	.0053427	.0017354	.0016374	.0020414	.002185	.004307	.0009992
%RSD	173.8914	138.9173	40.13272	343.6160	152.1991	7.328856	2.176694

#1	-.003025	-.000005	.0048529	.0020633	.001010	-.058636	.0456790
#2	.005311	.003230	.0021991	.0014559	-.003194	-.063134	.0469999
#3	.006932	.000523	.0051877	-.001737	-.002122	-.054523	.0450406

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001149	-.000034	259.1332	-.000135	-.001743	-.007114	6.250535
Stddev	.0000825	.000082	.7840	.000432	.000170	.001327	.033061
%RSD	71.86578	241.2024	.3025511	320.5565	9.777112	18.65943	.5289250

#1	.0001502	-.000013	259.8289	-.000346	-.001937	-.007513	6.283379
#2	.0000205	-.000124	259.2871	-.000420	-.001617	-.005633	6.250965
#3	.0001738	.000035	258.2837	.000362	-.001675	-.008197	6.217262

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1320954	13.63783	.0026333	.0002829	16.66990	.0031805	.0051051
Stddev	.0007703	.03997	.0003221	.0002688	.25260	.0001724	.0014596
%RSD	.5831172	.2931023	12.23358	95.00301	1.515304	5.419253	28.59019

#1	.1312211	13.65437	.0022943	.0002394	16.44342	.0033613	.0048704
#2	.1326740	13.66688	.0029355	.0000385	16.62397	.0031621	.0066677
#3	.1323910	13.59224	.0026699	.0005708	16.94232	.0030180	.0037771

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9372063	.2618945	.3763181	-.001232	81.30150	26.58082	-.009110
Stddev	.0177883	.0017777	.0020384	.000286	.11210	.04911	.001170
%RSD	1.898010	.6787723	.5416837	23.22511	.1378778	.1847651	12.84237

#1	.9575580	.2599382	.3743630	-.000975	81.39853	26.62920	-.007775
#2	.9294344	.2623343	.3761605	-.001180	81.17879	26.58226	-.009956
#3	.9246265	.2634110	.3784308	-.001540	81.32717	26.53101	-.009598

Sample Name: K2715-01 Acquired: 05/10/2019 12:56:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MDB7T5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.005847	-.012889	.3992848
Stddev	.000512	.001975	.0006916
%RSD	8.754057	15.32310	.1732194

#1	-.006187	-.014174	.3986647
#2	-.005258	-.013877	.4000307
#3	-.006095	-.010615	.3991590

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2832.767	3827.501	58988.38	11821.81	4868.133
Stddev	4.220	5.262	90.86	12.31	6.691
%RSD	.1489550	.1374861	.1540342	.1041562	.1374381

#1	2831.861	3826.510	58888.85	11830.04	4862.073
#2	2837.365	3833.188	59066.88	11827.74	4875.313
#3	2829.074	3822.804	59009.43	11807.65	4867.013

Sample Name: PB119591BS Acquired: 05/10/2019 12:52:20 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: LCS591 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0175038	.0500729	.0189119	.0675905	.1216108	.4927667
Stddev	.0019666	.0015517	.0012336	.0010579	.0017959	.0192963
%RSD	11.23529	3.098940	6.522806	1.565114	1.476725	3.915908

#1	.0195830	.0515677	.0175849	.0669647	.1235678	.5117765
#2	.0172549	.0501810	.0200238	.0688119	.1200385	.4933273
#3	.0156735	.0484699	.0191269	.0669949	.1212259	.4731962

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3930798	.0104504	.0107133	10.52945	.0213570	.0942927
Stddev	.0024066	.0002125	.0000557	.14534	.0001024	.0006729
%RSD	.6122341	2.033167	.5197096	1.380303	.4793106	.7136427

#1	.3957575	.0102888	.0106833	10.69028	.0214729	.0949770
#2	.3923846	.0103714	.0106791	10.40753	.0213197	.0942694
#3	.3910974	.0106911	.0107776	10.49053	.0212786	.0936318

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0430485	.1925835	.0333572	10.07510	.0799290	.0188470
Stddev	.0032575	.0092714	.0011561	.10851	.0005911	.0003025
%RSD	7.567036	4.814221	3.465763	1.076997	.7395308	1.605206

#1	.0463037	.2024937	.0340639	10.14730	.0805704	.0186731
#2	.0397887	.1841213	.0320230	9.95031	.0798105	.0186715
#3	.0430532	.1911355	.0339846	10.12768	.0794061	.0191963

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.754293	.1060869	.1149968	9.821303	.0190792	F .0233249
Stddev	.553241	.0021605	.0025219	.022693	.0016475	.0012526
%RSD	5.671771	2.036490	2.193036	.2310599	8.635056	5.370155

#1	10.02641	.1084794	.1152802	9.801708	.0184653	.0228291
#2	9.11769	.1055026	.1173650	9.846167	.0178269	.0223961
#3	10.11877	.1042787	.1123451	9.816034	.0209456	.0247495

Sample Name: PB119591BS Acquired: 05/10/2019 12:52:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: LCS591 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0230914	F .1377562	.2129239	F .0531029	.2210863	F .0849590
Stddev	.0003891	.0017836	.0042016	.0020416	.0031918	.0014370
%RSD	1.684974	1.294719	1.973296	3.844680	1.443689	1.691423
#1	.0234742	.1364347	.2146000	.0543001	.2247367	.0858155
#2	.0226964	.1370490	.2081429	.0542631	.2197011	.0857616
#3	.0231036	.1397849	.2160287	.0507455	.2188210	.0833000

Elem	Sr4077
Units	ppm
Avg	.2050748
Stddev	.0009845
%RSD	.4800842
#1	.2060184
#2	.2051521
#3	.2040539

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2845.989	3866.819	58297.03	11669.68	4943.783
Stddev	24.839	10.122	523.83	90.54	1.276
%RSD	.8727702	.2617628	.8985464	.7758382	.0258128
#1	2817.786	3855.850	57694.73	11631.71	4943.022
#2	2855.572	3875.798	58646.34	11773.02	4943.071
#3	2864.610	3868.809	58550.03	11604.31	4945.256

Sample Name: K2715-02 Acquired: 05/10/2019 13:00:34 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MDB7T5D Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0028521	-.001276	.0062208	.0055834	-.001173	-.064951	.0453529
Stddev	.0037087	.001971	.0010952	.0006539	.002290	.009649	.0006942
%RSD	130.0345	154.5029	17.60536	11.71111	195.2335	14.85547	1.530618

#1	.0061366	.000904	.0068500	.0053192	.000841	-.075200	.0448932
#2	-.001170	-.002931	.0068562	.0063281	-.003665	-.056043	.0450141
#3	.003589	-.001800	.0049562	.0051030	-.000696	-.063610	.0461514

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001549	-.000084	254.2754	-.000206	-.001696	-.009787	6.161872
Stddev	.0000784	.000022	1.2536	.000123	.000142	.002376	.037530
%RSD	50.60717	26.50301	.4929988	59.54325	8.360928	24.27999	.6090684

#1	.0002123	-.000092	253.7623	-.000066	-.001740	-.010826	6.157787
#2	.0001868	-.000100	253.3598	-.000256	-.001810	-.007068	6.126552
#3	.0000656	-.000058	255.7042	-.000297	-.001537	-.011466	6.201277

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1298270	13.40088	.0024032	.0000841	16.12552	.0019910	.0036437
Stddev	.0003090	.08190	.0001723	.0003411	.09937	.0017669	.0013271
%RSD	.2380155	.6111634	7.170428	405.2848	.6162304	88.74533	36.42175

#1	.1301627	13.31265	.0024990	.0004072	16.05380	.0035170	.0050297
#2	.1295545	13.41550	.0025064	-.000272	16.08381	.0000552	.0023847
#3	.1297637	13.47448	.0022043	.000118	16.23894	.0024008	.0035166

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9601508	.2590962	.3687727	-.001086	81.46981	26.15114	-.008777
Stddev	.0352308	.0029993	.0009135	.000304	.24738	.06843	.000983
%RSD	3.669303	1.157585	.2477272	28.04300	.3036512	.2616615	11.20180

#1	.9909054	.2565903	.3694748	-.000832	81.73989	26.22884	-.009414
#2	.9678348	.2582790	.3691034	-.001423	81.25419	26.09989	-.007645
#3	.9217121	.2624194	.3677399	-.001002	81.41534	26.12468	-.009272

Sample Name: K2715-02 Acquired: 05/10/2019 13:00:34 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MDB7T5D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.005713	-.013137	.3962012
Stddev	.001596	.001231	.0009578
%RSD	27.93652	9.373614	.2417504

#1	-.007551	-.014422	.3959402
#2	-.004676	-.013023	.3954010
#3	-.004912	-.011967	.3972625

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2816.518	3823.255	58877.54	11897.10	4862.272
Stddev	21.336	8.025	256.12	77.22	10.257
%RSD	.7575249	.2099045	.4350021	.6490271	.2109581

#1	2806.174	3829.010	58908.32	11856.03	4864.667
#2	2841.054	3826.668	59116.87	11986.17	4871.121
#3	2802.326	3814.088	58607.42	11849.09	4851.030

Sample Name: K2715-03 Acquired: 05/10/2019 13:04:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MDB7T5S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0429118	.0553517	.0233430	.0107710	.1055389	1.780620	2.065711
Stddev	.0042998	.0005029	.0012723	.0022632	.0019276	.004390	.002228
%RSD	10.02004	.9085722	5.450593	21.01226	1.826471	.2465317	.1078624

#1	.0478516	.0550728	.0230598	.0095073	.1073294	1.779544	2.066806
#2	.0408738	.0550501	.0247331	.0094218	.1057890	1.785447	2.067179
#3	.0400099	.0559323	.0222362	.0133838	.1034985	1.776868	2.063147

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0507876	.0505899	248.7573	.1996128	.4913653	.2094947	7.082834
Stddev	.0004653	.0000615	1.1106	.0013510	.0008183	.0023071	.030733
%RSD	.9161295	.1214797	.4464393	.6767973	.1665389	1.101273	.4339084

#1	.0513224	.0505999	249.4331	.1992844	.4905332	.2071682	7.108414
#2	.0505649	.0505241	247.4755	.1984563	.4921691	.2117819	7.048742
#3	.0504755	.0506458	249.3631	.2010977	.4913938	.2095339	7.091345

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6345159	13.21597	.5026904	.0505111	16.20834	.5135862	.5103691
Stddev	.0016361	.04545	.0004747	.0007041	.29274	.0059005	.0062183
%RSD	.2578476	.3439370	.0944287	1.393973	1.806077	1.148884	1.218387

#1	.6349781	13.16666	.5028715	.0497141	16.54451	.5182580	.5032941
#2	.6326984	13.22504	.5021519	.0510486	16.07092	.5069554	.5128461
#3	.6358711	13.25620	.5030480	.0507706	16.00961	.5155452	.5149672

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9664087	.2552363	.3610934	-.000848	79.87205	25.61102	-.009311
Stddev	.0375158	.0038674	.0025797	.000243	.18265	.18268	.001871
%RSD	3.881979	1.515238	.7144248	28.68475	.2286831	.7132839	20.09858

#1	1.009713	.2512136	.3627513	-.001124	79.66157	25.81706	-.009870
#2	.945735	.2589270	.3581212	-.000753	79.98907	25.46884	-.010839
#3	.943778	.2555684	.3624077	-.000666	79.96549	25.54717	-.007224

Sample Name: K2715-03 Acquired: 05/10/2019 13:04:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MDB7T5S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.006552	-.012388	.3889964
Stddev	.001269	.000782	.0006574
%RSD	19.36082	6.312377	.1689928

#1	-.007627	-.013155	.3896524
#2	-.006878	-.012417	.3883376
#3	-.005153	-.011592	.3889991

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2811.694	3827.502	58834.35	11935.79	4858.794
Stddev	12.108	7.757	310.77	61.83	10.567
%RSD	.4306303	.2026698	.5282186	.5180146	.2174918

#1	2825.334	3836.431	58988.12	11866.67	4870.456
#2	2807.530	3822.427	59038.25	11985.84	4849.853
#3	2802.217	3823.648	58476.66	11954.85	4856.073

Sample Name: K2715-06 Acquired: 05/10/2019 13:20:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MDB7T8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0058706	.0010228	.0035416	.0014813	-.001376	-.034831	.0330462
Stddev	.0024498	.0014612	.0004264	.0029718	.001125	.013716	.0005932
%RSD	41.72904	142.8662	12.04125	200.6232	81.76341	39.37829	1.795053

#1	.0083358	-.000644	.0040257	.0007738	-.000236	-.044923	.0323883
#2	.0058396	.001627	.0033777	-.001073	-.001407	-.040357	.0335401
#3	.0034365	.002085	.0032214	.004743	-.002486	-.019214	.0332103

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000269	-.000085	170.4003	.0001958	-.001765	-.005851	1.413498
Stddev	.0000386	.000036	1.3573	.0002674	.000155	.000404	.004471
%RSD	143.7201	42.36099	.7965483	136.5516	8.768743	6.902287	.3163009

#1	.0000541	-.000054	168.8816	.0000409	-.001586	-.006066	1.409129
#2	.0000439	-.000076	171.4950	.0000420	-.001858	-.005385	1.418064
#3	-.000017	-.000124	170.8244	.0005046	-.001850	-.006101	1.413300

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0791882	11.18417	.0051054	.0005471	16.21048	.0030408	.0358207
Stddev	.0011130	.09353	.0000732	.0003818	.32471	.0009374	.0024442
%RSD	1.405563	.8363151	1.433775	69.78642	2.003057	30.82575	6.823553

#1	.0779156	11.07641	.0051592	.0009664	15.87205	.0035070	.0336437
#2	.0796689	11.23173	.0050220	.0004551	16.51946	.0036538	.0353535
#3	.0799801	11.24437	.0051349	.0002197	16.23995	.0019618	.0384648

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6071542	.1161728	.1043884	.0002887	54.09264	25.12262	-.009877
Stddev	.0083464	.0012539	.0006835	.0002060	.02910	.21282	.000291
%RSD	1.374681	1.079351	.6547336	71.35607	.0538057	.8471171	2.941251

#1	.6100066	.1164736	.1037992	.0004654	54.10653	24.90091	-.010165
#2	.6137006	.1147958	.1042282	.0000624	54.05919	25.14171	-.009881
#3	.5977555	.1172489	.1051377	.0003383	54.11219	25.32526	-.009584

Sample Name: K2715-06 Acquired: 05/10/2019 13:20:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MDB7T8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.004278	-.013136	.3337159
Stddev	.000706	.000763	.0008514
%RSD	16.49554	5.810878	.2551186

#1	-.004561	-.013225	.3327776
#2	-.004798	-.012332	.3339309
#3	-.003474	-.013851	.3344391

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2817.788	3850.710	58893.41	11899.30	4931.501
Stddev	16.718	12.811	232.32	115.09	6.957
%RSD	.5933152	.3327031	.3944772	.9672108	.1410662

#1	2827.663	3853.668	59161.57	12028.18	4928.410
#2	2798.485	3861.784	58765.74	11862.91	4939.468
#3	2827.217	3836.679	58752.93	11806.80	4926.626

Sample Name: K2715-05 Acquired: 05/10/2019 13:16:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MDB7T7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023129	.0005696	.0034328	.0010279	-.003084	.0078016	.0161655
Stddev	.0013220	.0006576	.0002044	.0022480	.000710	.0050662	.0005764
%RSD	57.15938	115.4528	5.953652	218.6889	23.03656	64.93815	3.565506

#1	.0034467	.0001867	.0032885	-.000445	-.002300	.0134372	.0167836
#2	.0026312	.0013288	.0036667	.003615	-.003267	.0063425	.0156426
#3	.0008608	.0001931	.0033433	-.000087	-.003684	.0036250	.0160704

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000788	-.000070	117.7912	.0003542	-.001662	-.006919	.3613528
Stddev	.0000502	.000004	.5604	.0003463	.000264	.001691	.0093897
%RSD	63.72319	6.304251	.4757712	97.75631	15.88752	24.44383	2.598481

#1	.0000585	-.000068	118.4226	.0007136	-.001883	-.007714	.3612900
#2	.0000419	-.000075	117.3528	.0000227	-.001369	-.008067	.3519947
#3	.0001361	-.000067	117.5982	.0003264	-.001732	-.004977	.3707738

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0491783	7.001694	.0001962	.0005445	10.24775	.0015562	.0701739
Stddev	.0002537	.030486	.0003027	.0003793	.34575	.0021491	.0016410
%RSD	.5159412	.4354025	154.3012	69.64936	3.373919	138.1017	2.338462

#1	.0489950	6.999495	.0005307	.0001763	10.51140	.0010255	.0713888
#2	.0490720	7.033219	.0001169	.0005234	10.37555	-.000278	.0708259
#3	.0494679	6.972367	-.000059	.0009339	9.85629	.003921	.0683072

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7472247	.1357610	.0919735	.0032933	15.53765	18.68403	-.009864
Stddev	.0529977	.0020245	.0015354	.0001281	.04497	.15445	.001069
%RSD	7.092610	1.491241	1.669440	3.888368	.2894477	.8266664	10.84015

#1	.7788094	.1366274	.0914622	.0031477	15.51188	18.69069	-.011097
#2	.6860389	.1372082	.0907590	.0033438	15.51149	18.52636	-.009313
#3	.7768258	.1334475	.0936994	.0033884	15.58958	18.83505	-.009183

Sample Name: K2715-05 Acquired: 05/10/2019 13:16:39 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MDB7T7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001199	-.017393	.2765382
Stddev	.000807	.000948	.0012369
%RSD	67.30514	5.448950	.4472890

#1	-.001590	-.017416	.2768836
#2	-.000271	-.016433	.2751653
#3	-.001735	-.018328	.2775657

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2857.387	3901.117	59330.89	11947.33	5001.200
Stddev	21.659	3.333	238.72	93.93	9.001
%RSD	.7579845	.0854493	.4023530	.7861621	.1799821

#1	2880.991	3902.554	59555.64	11977.53	4998.342
#2	2838.429	3897.306	59080.30	12022.44	4993.975
#3	2852.740	3903.490	59356.75	11842.02	5011.284

Sample Name: K2715-08 Acquired: 05/10/2019 13:28:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MDB7W0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008235	.0010806	-.000138	.0008595	-.001450	.4269644	.1184230
Stddev	.0016326	.0024277	.001421	.0009551	.001091	.0057001	.0006504
%RSD	198.2541	224.6589	1033.175	111.1244	75.23915	1.335032	.5492152

#1	-.000082	-.000616	.000356	.0003006	-.002280	.4239897	.1179939
#2	-.000156	.003862	.000971	.0003156	-.001856	.4335365	.1181038
#3	.002708	-.000003	-.001740	.0019624	-.000214	.4233670	.1191713

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002544	-.000066	63.42016	.0001199	.0007806	-.008949	5.676970
Stddev	.0000514	.000069	.68847	.0000513	.0001251	.002425	.059341
%RSD	20.21245	103.9094	1.085573	42.76981	16.02165	27.09374	1.045300

#1	.0002719	-.000009	62.88243	.0000922	.0008682	-.008391	5.625608
#2	.0002948	-.000143	64.19611	.0001791	.0008363	-.006852	5.741930
#3	.0001965	-.000047	63.18195	.0000884	.0006374	-.011604	5.663373

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1980008	10.10863	.0010642	.0002527	37.69554	.0061964	.0023372
Stddev	.0023712	.11041	.0002846	.0001292	.45369	.0018091	.0005541
%RSD	1.197565	1.092217	26.73999	51.11919	1.203569	29.19510	23.70960

#1	.1957145	9.99572	.0008555	.0001488	37.27630	.0045995	.0028551
#2	.2004486	10.21635	.0009488	.0003973	38.17721	.0081611	.0024037
#3	.1978393	10.11383	.0013884	.0002120	37.63310	.0058287	.0017528

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.665523	.0092382	.0844943	-.001049	50.56986	3.379285	-.008420
Stddev	.086652	.0014221	.0003250	.000355	.12348	.028792	.000810
%RSD	1.300005	15.39346	.3846884	33.86045	.2441762	.8520166	9.616424

#1	6.565767	.0076846	.0844921	-.001183	50.49986	3.356873	-.009261
#2	6.708680	.0104755	.0841704	-.001318	50.49728	3.411757	-.008354
#3	6.722122	.0095545	.0848205	-.000646	50.71243	3.369224	-.007646

Sample Name: K2715-08 Acquired: 05/10/2019 13:28:51 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MDB7W0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0043780	-.021113	.1562470
Stddev	.0012240	.001762	.0000682
%RSD	27.95713	8.344023	.0436354

#1	.0050983	-.020174	.1561738
#2	.0050709	-.023146	.1563087
#3	.0029648	-.020021	.1562586

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2877.206	3925.626	59615.39	12044.26	5037.786
Stddev	10.363	3.312	410.76	74.45	6.844
%RSD	.3601904	.0843698	.6890231	.6181601	.1358468

#1	2877.589	3921.827	59169.05	12117.60	5032.125
#2	2887.373	3927.904	59977.54	11968.74	5045.392
#3	2866.657	3927.148	59699.57	12046.45	5035.842

Sample Name: K2715-07 Acquired: 05/10/2019 13:24:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MDB7T9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0027736	-.003913	.0027195	.0011741	-.002140	.0595283	.0373570
Stddev	.0015598	.000975	.0002330	.0034647	.000919	.0115166	.0006285
%RSD	56.23704	24.90137	8.568812	295.1108	42.96444	19.34636	1.682486

#1	.0027122	-.004953	.0027387	-.002682	-.002351	.0468838	.0370927
#2	.0043632	-.003767	.0024775	.002179	-.002935	.0622841	.0369039
#3	.0012454	-.003020	.0029424	.004026	-.001133	.0694170	.0380746

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001161	-.000083	136.3092	-.003908	-.001759	-.008288	-.017598
Stddev	.000078	.000055	.7144	.000612	.000105	.001716	.007611
%RSD	6.717359	66.35003	.5241169	15.64969	5.939928	20.70667	43.25157

#1	-.001110	-.000144	135.8550	-.003598	-.001705	-.009964	-.012564
#2	-.001122	-.000037	137.1327	-.004613	-.001694	-.008364	-.013875
#3	-.001251	-.000068	135.9400	-.003514	-.001880	-.006535	-.026354

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	28.61245	6.660040	.0016946	.0048669	36.57621	.0092865	.0041496
Stddev	.11596	.058674	.0003016	.0003512	.07218	.0014363	.0007767
%RSD	.4052874	.8809794	17.79959	7.217019	.1973524	15.46616	18.71786

#1	28.58892	6.594101	.0018477	.0051817	36.65903	.0109393	.0044544
#2	28.73837	6.706486	.0013471	.0049309	36.54300	.0083417	.0032667
#3	28.51006	6.679533	.0018890	.0044880	36.52662	.0085784	.0047276

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	95.99730	.0361798	.1349973	-.001546	82.39883	1.478547	-.009565
Stddev	.26842	.0005558	.0010049	.000360	.15974	.015663	.000282
%RSD	.2796134	1.536190	.7443459	23.31515	.1938619	1.059343	2.951225

#1	96.28634	.0362126	.1358067	-.001952	82.22732	1.479401	-.009259
#2	95.94966	.0367184	.1353125	-.001420	82.42579	1.493765	-.009620
#3	95.75588	.0356083	.1338726	-.001265	82.54337	1.462474	-.009816

Sample Name: K2715-07 Acquired: 05/10/2019 13:24:46 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MDB7T9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0012410	-.022620	.2403051
Stddev	.0016172	.001590	.0004053
%RSD	130.3185	7.030804	.1686530

#1	.0026935	-.022698	.2407656
#2	.0015310	-.020992	.2400029
#3	-.000502	-.024169	.2401466

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2855.128	3855.796	59450.88	11920.95	4896.660
Stddev	17.460	8.400	149.00	82.42	7.229
%RSD	.6115304	.2178528	.2506191	.6914003	.1476288

#1	2860.797	3859.569	59440.21	11931.35	4897.021
#2	2869.049	3861.649	59604.93	11833.83	4903.702
#3	2835.538	3846.172	59307.51	11997.68	4889.258

Sample Name: K2715-09 Acquired: 05/10/2019 13:32:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MDB7Z8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0160269	.0468335	.0860213	.0362199	.1864068	2.306994	-.000849
Stddev	.0047857	.0012936	.0022231	.0020379	.0009469	.020155	.000539
%RSD	29.86034	2.762017	2.584348	5.626527	.5079889	.8736344	63.51354

#1	.0210024	.0479874	.0885628	.0349332	.1871082	2.319798	-.000263
#2	.0114568	.0470779	.0844382	.0385696	.1853297	2.317422	-.001324
#3	.0156214	.0454352	.0850628	.0351569	.1867826	2.283762	-.000960

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0504030	.0115189	12.50682	.1226161	.1387862	.0918229	.2181738
Stddev	.0003175	.0000416	.10553	.0007325	.0001188	.0020152	.0025889
%RSD	.6299520	.3612511	.8437717	.5974023	.0855709	2.194673	1.186637

#1	.0507672	.0115432	12.57207	.1234486	.1387587	.0895051	.2154958
#2	.0501844	.0115426	12.56331	.1223291	.1389162	.0931604	.2183623
#3	.0502575	.0114708	12.38507	.1220705	.1386835	.0928032	.2206633

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003074	10.24246	.1832216	.0447831	-.409401	.0871111	-.002593
Stddev	.0001703	.05921	.0006508	.0008502	.012013	.0033486	.002476
%RSD	55.40418	.5781127	.3551762	1.898467	2.934374	3.844070	95.50054

#1	.0004376	10.28764	.1839222	.0438161	-.421093	.0832848	-.005369
#2	.0003697	10.26432	.1826360	.0454135	-.397090	.0895066	-.001800
#3	.0001147	10.17542	.1831065	.0451195	-.410020	.0885419	-.000611

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.058813	-.000635	-.001590	.0007262	-.002398	-.025551	-.005352
Stddev	.127623	.001522	.002852	.0001547	.003064	.000708	.000171
%RSD	216.9989	239.6631	179.3639	21.31079	127.7423	2.771352	3.202040

#1	-.135288	.000607	-.004824	.0005950	-.000963	-.026199	-.005545
#2	-.129668	-.002333	-.000507	.0008968	-.005916	-.025658	-.005292
#3	.088518	-.000179	.000561	.0006867	-.000316	-.024795	-.005219

Sample Name: K2715-09 Acquired: 05/10/2019 13:32:55 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MDB7Z8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0015066	-.008530	.0017640
Stddev	.0003298	.002324	.0000993
%RSD	21.89122	27.24094	5.630828

#1	.0018505	-.008567	.0018782
#2	.0014764	-.006188	.0017165
#3	.0011929	-.010835	.0016974

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2783.277	3784.999	57286.48	11602.69	4800.709
Stddev	25.172	5.333	329.78	83.12	6.827
%RSD	.9044132	.1408893	.5756753	.7164088	.1421994

#1	2786.623	3781.826	57570.55	11548.55	4802.393
#2	2756.599	3782.017	56924.82	11561.13	4793.198
#3	2806.609	3791.156	57364.06	11698.40	4806.536

Sample Name: K2715-10 Acquired: 05/10/2019 13:36:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MDB7W1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001664	-.001409	.0024650	.0027012	-.000086	-.020450	.0001171
Stddev	.003164	.000922	.0005699	.0010214	.001276	.006732	.0011069
%RSD	190.1357	65.41579	23.11858	37.81252	1482.545	32.91994	945.3931

#1	.001946	-.001529	.0018363	.0023919	.000270	-.020497	.0013515
#2	-.003957	-.000433	.0026113	.0018702	.000974	-.027159	-.000787
#3	-.002981	-.002265	.0029475	.0038415	-.001502	-.013695	-.000213

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000303	-.000092	102.6451	-.001374	-.001684	-.008140	-.078897
Stddev	.000069	.000023	1.0979	.000284	.000423	.002225	.008661
%RSD	22.86234	25.24788	1.069597	20.70037	25.14006	27.33925	10.97781

#1	-.000230	-.000091	103.2463	-.001574	-.001628	-.009901	-.075930
#2	-.000313	-.000116	103.3111	-.001500	-.002132	-.008879	-.088652
#3	-.000368	-.000069	101.3779	-.001049	-.001291	-.005639	-.072110

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.341793	2.511000	.0003340	.0018265	17.64434	.0027707	.0184703
Stddev	.093673	.011836	.0004259	.0002731	.13994	.0030055	.0006075
%RSD	1.122938	.4713609	127.5102	14.95072	.7931345	108.4764	3.288844

#1	8.395288	2.497954	.0002494	.0021208	17.74038	.0040123	.0186407
#2	8.396461	2.513995	.0007960	.0017772	17.48377	-.000657	.0177958
#3	8.233631	2.521051	-.000043	.0015814	17.70886	.004956	.0189743

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	35.49346	.0170122	.0693297	-.000811	47.12886	4.963887	-.009250
Stddev	.08497	.0010863	.0012916	.000089	.02690	.064301	.001476
%RSD	.2393899	6.385265	1.862935	11.00872	.0570754	1.295374	15.96006

#1	35.55175	.0176697	.0706405	-.000708	47.15582	5.037625	-.007607
#2	35.53266	.0157583	.0692901	-.000859	47.12873	4.934543	-.009679
#3	35.39597	.0176084	.0680583	-.000865	47.10202	4.919493	-.010465

Sample Name: K2715-10 Acquired: 05/10/2019 13:36:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MDB7W1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001676	-.023280	.0735203
Stddev	.000488	.001225	.0002095
%RSD	29.14130	5.261931	.2850099

#1	-.001480	-.022017	.0737026
#2	-.001316	-.024463	.0735670
#3	-.002232	-.023359	.0732914

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2916.436	3895.458	60175.18	12048.55	5008.067
Stddev	21.231	.596	449.65	91.65	.683
%RSD	.7279813	.0153102	.7472338	.7606825	.0136435

#1	2940.816	3895.605	60348.63	11960.11	5008.497
#2	2902.013	3894.802	59664.64	12042.43	5007.279
#3	2906.480	3895.968	60512.27	12143.10	5008.424

Sample Name: K2715-12 Acquired: 05/10/2019 13:45:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MDB801 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015305	-.000626	.0030535	.0014001	-.000255	.2211153	.0160598
Stddev	.0062100	.002076	.0006075	.0023173	.001338	.0120294	.0009544
%RSD	405.7539	331.6376	19.89563	165.5133	524.8321	5.440345	5.942928

#1	-.004662	-.002751	.0037397	.0033675	.000669	.2343413	.0149766
#2	.001495	.001397	.0028367	-.001154	.000355	.2108263	.0164257
#3	.007758	-.000524	.0025841	.001987	-.001789	.2181785	.0167772

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000480	-.000102	106.1731	-.001207	-.001445	-.008281	.1277790
Stddev	.000091	.000058	.3681	.000309	.000184	.003034	.0059355
%RSD	19.03475	56.93489	.3467125	25.62089	12.72388	36.64141	4.645164

#1	-.000378	-.000132	106.5483	-.001411	-.001631	-.005400	.1310586
#2	-.000554	-.000140	106.1584	-.000851	-.001442	-.007995	.1313511
#3	-.000508	-.000035	105.8125	-.001358	-.001263	-.011448	.1209273

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.83789	7.341288	.0004395	.0026503	38.31608	.0099908	.0005633
Stddev	.01530	.022602	.0003818	.0007757	.27780	.0026276	.0018144
%RSD	.1105756	.3078808	86.87130	29.26845	.7250294	26.30038	322.1045

#1	13.85328	7.316000	.0004477	.0017683	38.21116	.0098175	.0010024
#2	13.83771	7.359524	.0008171	.0032263	38.10601	.0127008	-.001430
#3	13.82268	7.348339	.0000537	.0029564	38.63106	.0074541	.002118

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.699046	.0130225	.0483766	-.000023	48.20267	4.051856	-.009420
Stddev	.024822	.0009088	.0009797	.000219	.16132	.025005	.000470
%RSD	.3705248	6.978609	2.025244	940.2981	.3346705	.6171151	4.988336

#1	6.727532	.0125820	.0479430	.000057	48.01676	4.057043	-.009151
#2	6.687545	.0124180	.0494983	.000145	48.28556	4.073860	-.009147
#3	6.682061	.0140676	.0476884	-.000272	48.30571	4.024665	-.009963

Sample Name: K2715-12 Acquired: 05/10/2019 13:45:08 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MDB801 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0130851	-.021525	.4319231
Stddev	.0007813	.000441	.0011703
%RSD	5.971155	2.048377	.2709457

#1	.0123702	-.021479	.4306230
#2	.0139192	-.021108	.4322538
#3	.0129660	-.021987	.4328924

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2872.614	3878.830	59647.28	11997.24	4962.515
Stddev	35.014	5.971	430.47	55.19	10.239
%RSD	1.218895	.1539428	.7216969	.4600200	.2063248

#1	2890.474	3882.859	59727.15	12028.47	4963.168
#2	2895.097	3881.661	60032.23	12029.73	4972.411
#3	2832.271	3871.970	59182.47	11933.52	4951.965

Sample Name: K2715-11 Acquired: 05/10/2019 13:41:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MDB800 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026168	.0017117	.0006617	.0010166	-.001258	2.491668
Stddev	.0027895	.0027615	.0016083	.0035993	.000984	.009901
%RSD	106.6027	161.3303	243.0494	354.0632	78.20379	.3973681

#1	.0009256	.0048937	.0009866	-.003103	-.000657	2.494186
#2	.0058365	-.000058	-.001084	.002602	-.000724	2.480752
#3	.0010882	.000300	.002083	.003551	-.002394	2.500068

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030683	.0000695	-.000101	4.531273	.0197755	-.000620
Stddev	.0004257	.0000591	.000042	.044421	.0000492	.000109
%RSD	13.87324	85.02290	41.65710	.9803194	.2487005	17.52205

#1	.0031046	.0001206	-.000088	4.520450	.0198239	-.000499
#2	.0026257	.0000048	-.000148	4.493264	.0197772	-.000650
#3	.0034747	.0000833	-.000067	4.580106	.0197256	-.000710

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005167	.0936856	.5729656	.2971308	.0016320	.0004588
Stddev	.000644	.0033187	.0055458	.0136852	.0002645	.0002795
%RSD	12.45540	3.542393	.9679154	4.605788	16.20428	60.93025

#1	-.004446	.0939471	.5727278	.3040109	.0018335	.0003034
#2	-.005369	.0902438	.5675425	.3060109	.0017298	.0002915
#3	-.005685	.0968657	.5786265	.2813708	.0013325	.0007815

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.37631	.0069799	.0051475	F 381.6802	.2294003	.1075661
Stddev	.15629	.0014453	.0011285	1.6871	.0028385	.0001910
%RSD	.5925248	20.70611	21.92326	.4420165	1.237354	.1775443

#1	26.43411	.0083215	.0040812	381.1770	.2315758	.1073888
#2	26.19935	.0054496	.0050322	380.3020	.2261894	.1075413
#3	26.49546	.0071687	.0063293	383.5617	.2304356	.1077683

Sample Name: K2715-11 Acquired: 05/10/2019 13:41:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MDB800 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0041671	65.40754	1.200414	-.005440	.0356979	-.023933
Stddev	.0001423	.09316	.004754	.000314	.0015475	.001157
%RSD	3.415287	.1424366	.3960104	5.780517	4.334924	4.832624

#1	.0040273	65.48310	1.202789	-.005180	.0374746	-.025267
#2	.0041621	65.30345	1.194941	-.005789	.0346444	-.023324
#3	.0043118	65.43609	1.203513	-.005351	.0349747	-.023209

Elem	Sr4077
Units	ppm
Avg	.0043479
Stddev	.0000899
%RSD	2.067892

#1	.0043924
#2	.0042444
#3	.0044068

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2917.658	3939.272	60076.59	12023.66	4837.886
Stddev	4.328	3.003	175.23	85.41	6.120
%RSD	.1483271	.0762248	.2916835	.7103457	.1265041

#1	2919.192	3941.141	60275.13	12035.03	4836.803
#2	2912.772	3940.867	59943.52	12102.81	4832.380
#3	2921.010	3935.808	60011.10	11933.13	4844.476

Sample Name: K2715-14 Acquired: 05/10/2019 13:53:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MDB803 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004654	.0009328	.0006566	.0012237	-.001773	-.001224	.0020717
Stddev	.0031983	.0000736	.0013292	.0039700	.000598	.002350	.0002142
%RSD	687.2223	7.892766	202.4197	324.4166	33.72556	191.9809	10.33809

#1	.0041362	.0010039	.0021569	-.000155	-.001137	-.000418	.0018858
#2	-.001721	.0009376	-.000374	-.001873	-.001859	.000617	.0023059
#3	-.001019	.0008569	.000187	.005699	-.002324	-.003871	.0020235

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000272	-.000083	51.09004	.0016049	-.001274	-.008763	.0135989
Stddev	.0001056	.000058	.35924	.0005073	.000421	.001906	.0063518
%RSD	387.7553	69.89176	.7031576	31.60937	33.02683	21.74890	46.70830

#1	.0001159	-.000136	50.90505	.0010202	-.000834	-.010660	.0122777
#2	.0000555	-.000091	50.86098	.0019277	-.001314	-.008779	.0080116
#3	-.000090	-.000021	51.50407	.0018667	-.001673	-.006849	.0205074

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.439484	4.302038	.0001998	.0000624	73.95158	.0031304	-.001505
Stddev	.006667	.004652	.0001320	.0005708	.45609	.0003965	.001782
%RSD	.4631559	.1081309	66.03642	915.1552	.6167430	12.66629	118.4132

#1	1.434086	4.307215	.0002403	.0002665	74.18500	.0030265	-.003368
#2	1.437430	4.298210	.0000524	-.000582	73.42602	.0027963	.000182
#3	1.446937	4.300689	.0003068	.000503	74.24371	.0035686	-.001329

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.42540	.0130484	.0506879	.0040772	7.694640	1.901715	-.007711
Stddev	.13628	.0024931	.0007918	.0005494	.019123	.027048	.000862
%RSD	.8297148	19.10622	1.562115	13.47552	.2485257	1.422290	11.18212

#1	16.28077	.0115982	.0502487	.0036615	7.685805	1.896004	-.007793
#2	16.44400	.0116199	.0502131	.0038701	7.716583	1.877978	-.008529
#3	16.55143	.0159271	.0516020	.0047001	7.681532	1.931162	-.006811

Sample Name: K2715-14 Acquired: 05/10/2019 13:53:15 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MDB803 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0000897	-.023281	.1005702
Stddev	.0007058	.001906	.0002042
%RSD	787.0691	8.185180	.2030739

#1	-.000527	-.025202	.1004186
#2	.000860	-.021391	.1004895
#3	-.000064	-.023251	.1008024

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2881.882	3899.803	59724.53	12007.46	4989.781
Stddev	14.788	3.825	245.34	137.93	6.171
%RSD	.5131339	.0980938	.4107861	1.148679	.1236759

#1	2883.486	3903.960	60006.07	12066.14	4996.899
#2	2866.358	3899.018	59556.46	12106.34	4986.508
#3	2895.802	3896.431	59611.06	11849.89	4985.936

Sample Name: K2715-13 Acquired: 05/10/2019 13:49:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MDB802 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0033645	.0029136	.0016910	.0021313	-.000748	.0986351	.0017217
Stddev	.0025998	.0028088	.0003449	.0032358	.000662	.0024156	.0011060
%RSD	77.27024	96.40158	20.39608	151.8229	88.56646	2.449055	64.23743

#1	.0016740	.0049510	.0016205	-.001297	-.001431	.0959031	.0015283
#2	.0020614	.0040803	.0020657	.002558	-.000109	.1004882	.0029117
#3	.0063581	-.000290	.0013868	.005132	-.000704	.0995141	.0007252

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000023	-.000060	16.12788	.0061433	-.000506	.0025108	.0427117
Stddev	.000064	.000053	.08979	.0001039	.000126	.0020419	.0143322
%RSD	283.2322	87.38114	.5567457	1.691278	24.86674	81.32359	33.55564

#1	.000024	-.000053	16.05863	.0060647	-.000539	.0043564	.0373833
#2	-.000096	-.000012	16.22933	.0061040	-.000367	.0028586	.0589449
#3	.000003	-.000116	16.09567	.0062610	-.000612	.0003174	.0318069

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.830138	.6950845	.0001246	.0011312	95.69046	.0043320	.0178208
Stddev	.015560	.0162189	.0006133	.0005355	.81011	.0020659	.0026084
%RSD	.5497818	2.333369	492.2675	47.34559	.8465967	47.68774	14.63703

#1	2.815437	.6889026	.0006161	.0006097	95.35527	.0048529	.0193079
#2	2.846433	.7134852	-.000563	.0016797	96.61438	.0060876	.0193456
#3	2.828543	.6828656	.000320	.0011041	95.10174	.0020556	.0148089

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	172.6436	.1059145	.0484804	.0003445	29.98872	1.502993	-.006973
Stddev	.6140	.0027742	.0001566	.0002777	.02919	.010303	.000609
%RSD	.3556371	2.619319	.3230001	80.62461	.0973237	.6854771	8.737001

#1	172.4494	.1091179	.0483841	.0004358	30.02067	1.493199	-.006310
#2	173.3312	.1042948	.0486611	.0005650	29.96345	1.502043	-.007508
#3	172.1502	.1043309	.0483961	.0000326	29.98205	1.513738	-.007101

Sample Name: K2715-13 Acquired: 05/10/2019 13:49:12 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MDB802 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0015702	-.023045	.0204222
Stddev	.0008959	.002786	.0001281
%RSD	57.05188	12.09020	.6273271

#1	.0017873	-.026234	.0203099
#2	.0005858	-.021818	.0205617
#3	.0023376	-.021083	.0203948

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2890.640	3911.810	59752.34	11899.24	4937.262
Stddev	9.623	5.384	267.02	87.23	4.385
%RSD	.3329084	.1376306	.4468796	.7330517	.0888130

#1	2896.477	3915.229	59830.64	11999.06	4933.572
#2	2879.533	3905.604	59454.93	11837.71	4936.106
#3	2895.911	3914.597	59971.46	11860.93	4942.110

Sample Name: K2715-15 Acquired: 05/10/2019 13:57:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MDB804 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000299	.0019809	.0012199	.0011920	-.002472	.3100682	.0015309
Stddev	.001829	.0026330	.0011806	.0018786	.001414	.0077097	.0003613
%RSD	611.3016	132.9182	96.77930	157.6107	57.19194	2.486445	23.59853

#1	-.001772	.0039896	.0003451	.0028537	-.003865	.3129240	.0015353
#2	.001749	-.001000	.0007518	-.000846	-.001038	.3013381	.0018899
#3	-.000875	.002953	.0025627	.001569	-.002514	.3159425	.0011674

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000187	-.000025	59.24413	.0006732	-.001133	-.006046	-.037108
Stddev	.0000472	.000049	.42845	.0008113	.000323	.001252	.001604
%RSD	252.0566	193.3337	.7231957	120.5163	28.51401	20.71409	4.322153

#1	-.000027	-.000064	59.48504	-.000169	-.000774	-.007162	-.036093
#2	.000068	.000030	59.49790	.000739	-.001222	-.006284	-.038957
#3	.000015	-.000042	58.74946	.001450	-.001401	-.004691	-.036275

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3098816	.9747985	.0003521	.0006294	20.42717	.0147868	-.003165
Stddev	.0010609	.0176086	.0003441	.0006320	.11769	.0013779	.001017
%RSD	.3423534	1.806385	97.73436	100.4069	.5761527	9.318230	32.14680

#1	.3105849	.9943114	.0007478	.0003005	20.48797	.0143684	-.004339
#2	.3103987	.9600924	.0001225	.0002298	20.29151	.0163253	-.002615
#3	.3086613	.9699917	.0001861	.0013580	20.50202	.0136666	-.002541

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.93431	.0543403	.0654636	.0865984	27.55862	5.481741	-.008572
Stddev	.02215	.0012768	.0010033	.0001753	.03291	.019732	.000224
%RSD	.2026137	2.349734	1.532656	.2023767	.1194011	.3599644	2.609805

#1	10.92171	.0554115	.0649283	.0864762	27.57430	5.458957	-.008830
#2	10.92132	.0546819	.0648415	.0867992	27.52081	5.493344	-.008450
#3	10.95989	.0529273	.0666211	.0865198	27.58075	5.492922	-.008436

Sample Name: K2715-15 Acquired: 05/10/2019 13:57:18 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MDB804 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0054108	-.020618	.1479648
Stddev	.0010940	.001216	.0001206
%RSD	20.21864	5.895720	.0814955

#1	.0063358	-.021216	.1478271
#2	.0056932	-.021420	.1480158
#3	.0042033	-.019220	.1480515

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2890.301	3909.291	59695.46	11967.05	5039.054
Stddev	6.049	9.913	117.86	44.26	3.660
%RSD	.2092967	.2535757	.1974309	.3698648	.0726306

#1	2892.365	3912.164	59828.67	12002.95	5041.281
#2	2895.048	3917.450	59604.74	11980.60	5041.050
#3	2883.489	3898.258	59652.97	11917.60	5034.829

Sample Name: CCV009 Acquired: 05/10/2019 14:18:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV009 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.777913	5.016927	24.63565	4.967518	4.986310	392.6619
Stddev	.014728	.005274	.01686	.009811	.011892	1.1600
%RSD	.3082427	.1051212	.0684203	.1975017	.2384848	.2954264

#1	4.767748	5.022993	24.63350	4.960434	4.974545	391.5100
#2	4.771187	5.014355	24.61998	4.963403	4.986061	393.8299
#3	4.794802	5.013432	24.65348	4.978716	4.998324	392.6457

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.08783	.5071813	2.547273	405.8978	15.06630	2.542650
Stddev	.01301	.0038104	.004828	2.7756	.01515	.005516
%RSD	.1290023	.7512992	.1895284	.6838122	.1005616	.2169231

#1	10.07913	.5030890	2.546346	404.3856	15.07412	2.544923
#2	10.10279	.5106272	2.542976	409.1011	15.07595	2.536361
#3	10.08157	.5078277	2.552497	404.2067	15.04884	2.546666

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.08425	398.7178	15.17604	399.3271	2.534610	1.276146
Stddev	.01906	1.8080	.09276	2.5957	.003613	.002453
%RSD	.1263398	.4534612	.6112216	.6500277	.1425391	.1922154

#1	15.10624	396.9827	15.11199	396.4319	2.532262	1.278457
#2	15.07380	400.5908	15.28241	401.4464	2.532798	1.276408
#3	15.07270	398.5798	15.13372	400.1030	2.538770	1.273572

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	393.9727	2.519512	15.01579	153.6833	F 4.198432	5.011074
Stddev	1.3435	.013747	.07557	.1438	.006757	.035312
%RSD	.3410167	.5456369	.5032746	.0935691	.1609314	.7046892

#1	392.4236	2.505519	15.09962	153.6610	4.197613	4.974906
#2	394.8189	2.532999	14.95289	153.8370	4.192122	5.045464
#3	394.6757	2.520018	14.99486	153.5520	4.205560	5.012851

Sample Name: CCV009 Acquired: 05/10/2019 14:18:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV009 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.654006	F 4.230355	4.611237	4.746155	4.642315	5.190179
Stddev	.012606	.013813	.027876	.016320	.016540	.027437
%RSD	.2708583	.3265236	.6045288	.3438627	.3562874	.5286274
#1	4.652302	4.219769	4.579254	4.738986	4.634235	5.166221
#2	4.642339	4.225317	4.630380	4.734646	4.661342	5.220110
#3	4.667377	4.245980	4.624076	4.764833	4.631369	5.184206

Elem	Sr4077
Units	ppm
Avg	4.998768
Stddev	.023103
%RSD	.4621758
#1	5.004519
#2	5.018453
#3	4.973333

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2454.247	3283.799	53500.60	11047.33	3899.184
Stddev	7.510	4.666	334.78	83.46	4.191
%RSD	.3060019	.1421066	.6257459	.7554443	.1074785
#1	2447.882	3280.647	53346.62	11124.00	3900.363
#2	2452.328	3289.160	53270.51	10958.44	3902.658
#3	2462.530	3281.591	53884.66	11059.55	3894.530

Sample Name: CCB009 Acquired: 05/10/2019 14:22:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCB009 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006166	.0017955	.0006934	.0005338	.0011562	.0240409	-.000560
Stddev	.0017695	.0009602	.0011471	.0003176	.0017435	.0017163	.000919
%RSD	286.9924	53.47482	165.4350	59.50316	150.7959	7.138889	164.0932

#1	.0016802	.0027550	.0007765	.0007869	.0008534	.0259545	-.000654
#2	.0015956	.0008346	-.000493	.0006370	-.000416	.0226379	.000402
#3	-.001426	.0017970	.001797	.0001774	.003031	.0235304	-.001428

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000961	-.000012	-.002781	.0002128	.0001616	.0049022	.0092953
Stddev	.0000961	.000092	.012917	.0002030	.0001235	.0026450	.0091971
%RSD	99.92443	786.1284	464.4711	95.38459	76.42984	53.95524	98.94393

#1	-.000014	-.000020	.006662	-.000013	.0001004	.0074685	.0197576
#2	.000162	-.000099	.002495	.000381	.0003038	.0050532	.0056430
#3	.000141	.000084	-.017501	.000271	.0000807	.0021850	.0024853

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009803	.0033521	-.000087	.0009860	-.376212	.0010583	.0002744
Stddev	.0001601	.0140527	.000173	.0001417	.110159	.0025584	.0018984
%RSD	16.33425	419.2277	198.3214	14.37097	29.28105	241.7336	691.7089

#1	.0011143	-.011154	.000075	.0011495	-.263295	-.000703	-.001917
#2	.0010236	.004307	-.000067	.0009095	-.483389	.003993	.001426
#3	.0008030	.016903	-.000269	.0008990	-.381952	-.000115	.001315

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1755893	.0002627	.0093989	.0010888	-.002526	-.029946	-.000883
Stddev	.0354302	.0006403	.0005075	.0004396	.000728	.000385	.000328
%RSD	20.17790	243.7567	5.399103	40.37232	28.82808	1.284286	37.20205

#1	.1905986	-.000474	.0098987	.0013227	-.002149	-.030071	-.000685
#2	.1351249	.000686	.0088841	.0013620	-.002063	-.029515	-.001262
#3	.2010443	.000576	.0094141	.0005817	-.003365	-.030253	-.000701

Sample Name: CCB009 Acquired: 05/10/2019 14:22:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCB009 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0007930	.0013742	.0001271
Stddev	.0020591	.0011054	.0000787
%RSD	259.6553	80.44079	61.93798

#1	.0010346	.0003114	.0002174
#2	-.001376	.0012934	.0000729
#3	.002721	.0025178	.0000910

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2775.727	3796.158	57289.49	11528.18	4841.193
Stddev	28.484	2.036	235.31	27.36	4.830
%RSD	1.026173	.0536353	.4107408	.2373376	.0997596

#1	2754.309	3794.523	57115.36	11502.47	4835.621
#2	2764.819	3798.439	57195.93	11525.13	4843.781
#3	2808.053	3795.513	57557.20	11556.94	4844.177

Sample Name: K2745-17 Acquired: 05/10/2019 16:12:18 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0H47 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2753712	.0141592	4.156650	-.017717	.0350383	78.22140	1.751580
Stddev	.0041323	.0040126	.012036	.002730	.0015538	.25451	.002279
%RSD	1.500634	28.33897	.2895707	15.40608	4.434596	.3253763	.1301388

#1	.2745873	.0112091	4.148740	-.018643	.0336170	77.96110	1.751862
#2	.2716870	.0125401	4.150708	-.019863	.0348007	78.23340	1.749173
#3	.2798393	.0187283	4.170502	-.014645	.0366973	78.46970	1.753705

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065005	.1088663	518.9740	.1180491	.0729985	1.651202	139.8234
Stddev	.0000922	.0003413	5.0926	.0013015	.0007215	.006785	.7984
%RSD	1.417550	.3135240	.9812745	1.102488	.9883179	.4108950	.5709861

#1	.0064195	.1090101	515.7829	.1190802	.0733265	1.643960	138.9457
#2	.0066008	.1084766	516.2920	.1165867	.0721713	1.652236	140.0183
#3	.0064812	.1091121	524.8470	.1184803	.0734978	1.657411	140.5063

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.175039	101.5871	.1197265	.0303210	2.894521	.2572807	3.397540
Stddev	.031591	.5386	.0009295	.0004496	.088221	.0027046	.017375
%RSD	.7566542	.5302278	.7763579	1.482693	3.047878	1.051211	.5113889

#1	4.143504	100.9659	.1205135	.0303452	2.798442	.2541620	3.377477
#2	4.174928	101.8703	.1187010	.0307579	2.971880	.2586987	3.407592
#3	4.206685	101.9250	.1199651	.0298598	2.913241	.2589813	3.407550

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.82571	8.397551	.2478036	.0075701	5.870921	3.205418	.0167273
Stddev	.01926	.020833	.0049294	.0002773	.008762	.009946	.0009777
%RSD	.0775609	.2480846	1.989229	3.662582	.1492409	.3102964	5.845067

#1	24.82319	8.373612	.2432523	.0074728	5.875367	3.213510	.0176538
#2	24.84610	8.407475	.2471190	.0078829	5.860828	3.194314	.0168227
#3	24.80784	8.411567	.2530395	.0073546	5.876569	3.208430	.0157053

Sample Name: K2745-17 Acquired: 05/10/2019 16:12:18 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0H47 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.812934	.1602366	1.502980
Stddev	.013545	.0026092	.003430
%RSD	.7471401	1.628353	.2281837

#1	1.797795	.1582575	1.502731
#2	1.817098	.1592587	1.499682
#3	1.823908	.1631935	1.506528

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2972.892	3997.391	62824.81	13121.49	4392.124
Stddev	7.571	3.300	124.73	15.68	6.306
%RSD	.2546624	.0825466	.1985310	.1194738	.1435709

#1	2972.626	3996.917	62914.90	13134.07	4397.776
#2	2965.457	3994.355	62877.08	13126.47	4393.275
#3	2980.592	4000.903	62682.46	13103.93	4385.323

Sample Name: PB119590BS Acquired: 05/10/2019 14:26:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: LCS590 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0211817	.0533978	.0195381	.0669196	.1250958	.3936695
Stddev	.0024607	.0013039	.0013550	.0034291	.0010464	.0132188
%RSD	11.61685	2.441943	6.935094	5.124176	.8364536	3.357832

#1	.0240196	.0534782	.0188853	.0629742	.1238893	.4012813
#2	.0196408	.0520555	.0186331	.0686018	.1257557	.4013213
#3	.0198848	.0546596	.0210959	.0691826	.1256424	.3784058

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3563506	.0099124	.0111797	9.433021	.0201274	.0938238
Stddev	.0007850	.0002160	.0000916	.053524	.0003665	.0007997
%RSD	.2202970	2.179438	.8191570	.5674073	1.820858	.8523311

#1	.3566065	.0096645	.0110895	9.408230	.0200390	.0934907
#2	.3569757	.0100603	.0112726	9.494446	.0198131	.0932445
#3	.3554696	.0100125	.0111770	9.396388	.0205300	.0947362

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0400874	.1734081	.0310344	9.108844	.0797760	.0207090
Stddev	.0014851	.0162247	.0004492	.012237	.0011058	.0003748
%RSD	3.704543	9.356393	1.447378	.1343399	1.386071	1.809882

#1	.0391179	.1705112	.0311184	9.094831	.0786364	.0204537
#2	.0417971	.1588269	.0314357	9.114279	.0798472	.0211393
#3	.0393473	.1908861	.0305492	9.117421	.0808445	.0205339

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.224559	.1007216	.1178862	8.996997	.0206833	F .0262649
Stddev	.282025	.0009933	.0023245	.060708	.0028098	.0004190
%RSD	3.057323	.9861688	1.971785	.6747638	13.58471	1.595345

#1	9.015211	.1016443	.1205539	9.066853	.0183391	.0267261
#2	9.113206	.1008503	.1162956	8.967129	.0199129	.0261611
#3	9.545261	.0996703	.1168093	8.957009	.0237979	.0259075

Sample Name: PB119590BS Acquired: 05/10/2019 14:26:33 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: LCS590 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0241998	.1498720	.2100194	F .0511045	.1426035	F .0837820
Stddev	.0006151	.0073665	.0007536	.0005532	.0026575	.0016062
%RSD	2.541949	4.915180	.3588452	1.082414	1.863582	1.917140
#1	.0235178	.1416665	.2092277	.0514673	.1450306	.0834722
#2	.0243688	.1520339	.2101023	.0513783	.1430159	.0855206
#3	.0247127	.1559156	.2107281	.0504678	.1397638	.0823532

Elem	Sr4077
Units	ppm
Avg	.1907652
Stddev	.0002124
%RSD	.1113405
#1	.1908454
#2	.1905244
#3	.1909258

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2860.084	3912.300	59223.87	11922.17	5008.874
Stddev	.577	15.933	104.74	42.02	19.104
%RSD	.0201899	.4072641	.1768484	.3524773	.3814049
#1	2860.448	3929.698	59302.45	11966.74	5030.843
#2	2860.385	3908.782	59104.96	11916.50	4999.617
#3	2859.418	3898.419	59264.19	11883.27	4996.162

Sample Name: K2715-16 Acquired: 05/10/2019 14:30:41 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MDB805 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014450	.0028525	.0009753	.0016119	-.002232	.3050321	.0013482
Stddev	.0011108	.0013479	.0007676	.0044543	.001478	.0076217	.0007556
%RSD	76.87482	47.25408	78.70521	276.3335	66.21509	2.498645	56.04420

#1	.0021550	.0040117	.0007060	-.002059	-.003799	.3064816	.0004761
#2	.0001649	.0013734	.0003787	.000327	-.002035	.3118249	.0017618
#3	.0020151	.0031723	.0018414	.006567	-.000863	.2967898	.0018067

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000305	-.000122	57.88508	.0006833	-.001200	-.006161	-.043845
Stddev	.0001145	.000037	.47772	.0004969	.000107	.002783	.005179
%RSD	375.1621	30.00534	.8252884	72.72317	8.949369	45.17083	11.81224

#1	-.000053	-.000080	57.71353	.0003821	-.001200	-.002953	-.037944
#2	.000161	-.000139	57.51683	.0012569	-.001092	-.007933	-.047639
#3	-.000016	-.000146	58.42489	.0004110	-.001307	-.007596	-.045950

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2921201	.9847575	.0001830	.0003273	20.27300	.0167203	.0043044
Stddev	.0014903	.0315257	.0002057	.0000632	.15621	.0020651	.0009047
%RSD	.5101537	3.201367	112.3741	19.29551	.7705288	12.35059	21.01827

#1	.2910617	.9994351	.0004200	.0003595	20.45334	.0149274	.0053483
#2	.2914744	1.006268	.0000773	.0003679	20.18591	.0162552	.0038165
#3	.2938244	.948569	.0000517	.0002546	20.17975	.0189782	.0037483

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.83006	.0553698	.0672210	.0860655	27.24125	5.432240	-.008980
Stddev	.01770	.0010910	.0009928	.0008135	.03101	.031771	.000486
%RSD	.1634640	1.970376	1.476864	.9451703	.1138370	.5848565	5.409394

#1	10.83713	.0566257	.0680999	.0855188	27.25192	5.404633	-.009541
#2	10.84314	.0546568	.0661442	.0870004	27.20632	5.425122	-.008719
#3	10.80992	.0548268	.0674190	.0856774	27.26552	5.466967	-.008682

Sample Name: K2715-16 Acquired: 05/10/2019 14:30:41 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MDB805 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0047287	-.019787	.1448541
Stddev	.0013008	.001351	.0000499
%RSD	27.50778	6.825544	.0344395

#1	.0041765	-.018357	.1447983
#2	.0037952	-.021041	.1448696
#3	.0062145	-.019963	.1448944

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2904.976	3937.538	60014.99	12058.00	5057.747
Stddev	3.920	5.375	179.17	37.10	5.624
%RSD	.1349339	.1365092	.2985350	.3076629	.1111861

#1	2901.579	3938.183	59959.00	12089.39	5056.236
#2	2904.085	3931.869	60215.46	12067.56	5053.033
#3	2909.265	3942.561	59870.51	12017.06	5063.972

Sample Name: K2715-18 Acquired: 05/10/2019 14:38:47 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MDB807 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024076	-.000752	.0022192	.0034312	-.001799	.0211833	.0210669
Stddev	.0009636	.000358	.0017734	.0016772	.001907	.0050926	.0003667
%RSD	40.02327	47.62788	79.91263	48.87905	106.0031	24.04045	1.740769

#1	.0015638	-.000953	.0019374	.0014997	-.003990	.0208532	.0214185
#2	.0022015	-.000339	.0041167	.0045180	-.000515	.0264328	.0210955
#3	.0034576	-.000966	.0006036	.0042761	-.000892	.0162638	.0206867

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000204	-.000050	91.02804	-.000807	-.001323	-.005519	.9349320
Stddev	.000032	.000016	.26554	.000498	.000117	.001310	.0051903
%RSD	15.79760	32.38291	.2917160	61.69664	8.850077	23.73424	.5551578

#1	-.000173	-.000065	91.24281	-.000850	-.001289	-.007027	.9385133
#2	-.000237	-.000033	91.11017	-.000288	-.001453	-.004872	.9289796
#3	-.000203	-.000054	90.73113	-.001281	-.001226	-.004659	.9373031

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.890384	3.124128	.0006164	.0021025	4.079303	.0055189	-.000805
Stddev	.018979	.042662	.0001740	.0003160	.119920	.0027579	.001048
%RSD	.2134737	1.365581	28.23651	15.03107	2.939728	49.97147	130.2044

#1	8.909594	3.159035	.0007836	.0021231	3.974062	.0044927	-.000125
#2	8.889914	3.136777	.0004363	.0017767	4.053986	.0034212	-.002012
#3	8.871645	3.076571	.0006292	.0024078	4.209860	.0086428	-.000278

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.287805	.0275872	.0426439	.0499859	19.23926	6.890423	-.008963
Stddev	.091150	.0027640	.0020753	.0000334	.04610	.048060	.001229
%RSD	2.772382	10.01914	4.866551	.0667343	.2396175	.6974899	13.71357

#1	3.343275	.0288994	.0409492	.0499514	19.29008	6.871756	-.010370
#2	3.337533	.0244115	.0420240	.0500180	19.20013	6.854497	-.008102
#3	3.182605	.0294506	.0449585	.0499884	19.22756	6.945016	-.008416

Sample Name: K2715-18 Acquired: 05/10/2019 14:38:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MDB807 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001558	-.021938	.2655871
Stddev	.001928	.000311	.0002812
%RSD	123.7066	1.415431	.1058943

#1	-.003513	-.021925	.2658990
#2	-.001505	-.021633	.2653527
#3	.000342	-.022254	.2655097

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2888.955	3897.891	59645.44	12169.42	4979.763
Stddev	5.746	3.878	79.94	24.44	4.850
%RSD	.1989091	.0994876	.1340224	.2008302	.0973949

#1	2884.819	3894.435	59734.50	12182.86	4976.664
#2	2886.529	3902.085	59579.89	12184.19	4985.353
#3	2895.516	3897.153	59621.94	12141.21	4977.273

Sample Name: K2715-17 Acquired: 05/10/2019 14:34:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MDB806 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0068076	.0009296	.0040703	-.000242	-.001964	.0507559	.0313393
Stddev	.0015811	.0009346	.0006862	.000557	.001979	.0080688	.0004963
%RSD	23.22464	100.5402	16.85802	230.2985	100.7565	15.89724	1.583612

#1	.0064510	.0011125	.0046873	-.000486	-.002090	.0591014	.0311503
#2	.0085365	.0017593	.0033313	-.000636	-.003878	.0501708	.0319023
#3	.0054354	-.000083	.0041922	.000396	.000075	.0429957	.0309653

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002869	-.000107	58.15828	-.001247	.0161371	-.012852	14.07811
Stddev	.0000825	.000055	.55987	.000181	.0003848	.002440	.13697
%RSD	28.74367	51.15925	.9626656	14.51837	2.384379	18.98749	.9729420

#1	.0003552	-.000079	57.84537	-.001082	.0157031	-.012848	13.99826
#2	.0001953	-.000071	58.80466	-.001217	.0164364	-.010414	14.23627
#3	.0003103	-.000169	57.82482	-.001441	.0162719	-.015295	13.99981

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1489615	10.34660	.0198285	-.000669	46.82945	.0049370	-.002009
Stddev	.0006442	.04519	.0006844	.000588	.47322	.0013041	.001557
%RSD	.4324385	.4367698	3.451728	87.85809	1.010509	26.41457	77.53784

#1	.1492032	10.33455	.0190602	-.000052	46.34916	.0037817	-.001512
#2	.1494499	10.39659	.0203730	-.000734	47.29526	.0063511	-.003754
#3	.1482314	10.30865	.0200524	-.001222	46.84394	.0046783	-.000760

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.566984	2.184996	.5182057	-.000655	29.93102	18.96757	-.008230
Stddev	.073081	.005576	.0036513	.000257	.02377	.12678	.000278
%RSD	1.600196	.2551950	.7046058	39.26826	.0794316	.6684297	3.380989

#1	4.500537	2.181371	.5161675	-.000443	29.90432	18.96561	-.008102
#2	4.645256	2.182201	.5224211	-.000941	29.94990	19.09532	-.008549
#3	4.555160	2.191417	.5160285	-.000581	29.93885	18.84177	-.008039

Sample Name: K2715-17 Acquired: 05/10/2019 14:34:44 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MDB806 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001434	-.018005	.1175694
Stddev	.000275	.000555	.0005359
%RSD	19.15015	3.081954	.4557930

#1	-.001192	-.017718	.1173001
#2	-.001378	-.017652	.1181865
#3	-.001733	-.018644	.1172216

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2886.591	3918.325	59836.11	12264.89	4995.546
Stddev	20.855	3.169	229.61	94.19	8.455
%RSD	.7224920	.0808891	.3837241	.7679805	.1692469

#1	2909.035	3914.817	59948.00	12328.46	4986.212
#2	2882.930	3920.982	59988.33	12156.67	5002.692
#3	2867.809	3919.176	59572.01	12309.53	4997.732

Sample Name: K2715-19 Acquired: 05/10/2019 14:42:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MDB808 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006747	.0017117	.0006371	-.001789	-.003183	.0937178	.0052102
Stddev	.0025952	.0003441	.0010634	.001440	.000744	.0029896	.0012988
%RSD	384.6289	20.10188	166.9174	80.53078	23.36601	3.190002	24.92838

#1	.0008657	.0013324	.0010801	-.001289	-.002339	.0906617	.0067064
#2	-.002011	.0017989	.0014072	-.000664	-.003468	.0966361	.0045517
#3	.003169	.0020038	-.000576	-.003412	-.003743	.0938555	.0043726

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000026	-.000168	28.52723	-.000833	-.000771	-.007093	.0537387
Stddev	.000095	.000027	.18459	.000279	.000196	.000293	.0044258
%RSD	371.0348	15.91133	.6470564	33.47640	25.45503	4.136201	8.235685

#1	.000070	-.000198	28.70006	-.000563	-.000750	-.007047	.0572604
#2	-.000027	-.000146	28.54885	-.001120	-.000977	-.006825	.0551849
#3	-.000120	-.000160	28.33279	-.000816	-.000586	-.007406	.0487707

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.772188	1.639141	.0003912	.0014564	88.85952	.0034532	.0043510
Stddev	.028852	.005854	.0004541	.0002348	.52367	.0014259	.0002057
%RSD	.6045815	.3571374	116.0703	16.12154	.5893185	41.29270	4.726711

#1	4.799248	1.633759	-.000133	.0011858	89.45333	.0019512	.0044653
#2	4.775486	1.645374	.000654	.0015776	88.46377	.0047884	.0041135
#3	4.741828	1.638290	.000653	.0016059	88.66147	.0036199	.0044740

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	68.20345	.0236035	.0657551	.0615537	26.55125	3.648294	-.007470
Stddev	.45831	.0007108	.0013648	.0004197	.06119	.013238	.000668
%RSD	.6719733	3.011301	2.075535	.6818346	.2304661	.3628667	8.944399

#1	68.73009	.0239097	.0670187	.0612602	26.57087	3.653281	-.007890
#2	67.98517	.0241098	.0659389	.0620344	26.48266	3.633286	-.006700
#3	67.89508	.0227910	.0643078	.0613665	26.60023	3.658314	-.007821

Sample Name: K2715-19 Acquired: 05/10/2019 14:42:51 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MDB808 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0005902	-.007473	.0719108
Stddev	.0015250	.000561	.0004863
%RSD	258.3694	7.508869	.6762472

#1	.0015091	-.007704	.0724272
#2	.0014317	-.006833	.0714617
#3	-.001170	-.007881	.0718434

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2907.636	3913.891	59881.59	12060.56	4968.996
Stddev	14.619	5.597	421.22	57.25	8.238
%RSD	.5027923	.1430131	.7034143	.4746904	.1657841

#1	2903.731	3919.987	59685.70	12021.11	4974.316
#2	2895.366	3908.984	59593.98	12034.34	4959.506
#3	2923.811	3912.702	60365.07	12126.22	4973.164

Sample Name: K2715-20 Acquired: 05/10/2019 14:46:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MDB809 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0068467	.0015875	.0003928	-.000570	-.003448	.1497880	.0201627
Stddev	.0024980	.0014235	.0016810	.002166	.000879	.0002208	.0010873
%RSD	36.48562	89.67316	427.9581	380.1537	25.49668	.1473819	5.392702

#1	.0043200	.0022474	.0022571	-.002462	-.004187	.1497741	.0210658
#2	.0093151	-.000046	-.001008	-.001041	-.003682	.1500153	.0204665
#3	.0069049	.002561	-.000071	.001793	-.002476	.1495745	.0189558

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002729	.0000793	17.65859	-.000004	-.000115	-.004961	3.294503
Stddev	.0000467	.0001387	.09229	.000223	.000034	.002416	.016292
%RSD	17.11364	174.8614	.5226563	5787.527	29.84292	48.69822	.4945204

#1	.0002669	.0000480	17.55442	-.000122	-.000153	-.002426	3.276371
#2	.0003223	-.000041	17.73015	.000254	-.000087	-.005220	3.299228
#3	.0002294	.000231	17.69121	-.000144	-.000104	-.007238	3.307911

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1502667	3.339021	.0009284	.0002881	18.09675	.0051246	.0025145
Stddev	.0005198	.004128	.0002069	.0002693	.17671	.0026505	.0011368
%RSD	.3459200	.1236432	22.28180	93.47103	.9764791	51.72124	45.20856

#1	.1503413	3.343488	.0010484	-.000021	17.89356	.0021257	.0014176
#2	.1507453	3.338230	.0010472	.000415	18.18208	.0071532	.0036874
#3	.1497137	3.335345	.0006895	.000470	18.21460	.0060948	.0024385

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	31.22489	1.141498	.0649963	.0216704	20.23158	11.96715	-.006376
Stddev	.12593	.005788	.0021369	.0002787	.02670	.07793	.000698
%RSD	.4032879	.5070787	3.287659	1.286071	.1319908	.6512042	10.95303

#1	31.24432	1.136509	.0631063	.0213683	20.21754	11.96539	-.006835
#2	31.33997	1.140140	.0673150	.0219175	20.21483	12.04594	-.005572
#3	31.09038	1.147844	.0645677	.0217254	20.26238	11.89011	-.006720

Sample Name: K2715-20 Acquired: 05/10/2019 14:46:55 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MDB809 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0054211	-.021958	.0437498
Stddev	.0009952	.002273	.0000257
%RSD	18.35771	10.35203	.0587025

#1	.0052023	-.024095	.0437210
#2	.0065075	-.022208	.0437584
#3	.0045535	-.019570	.0437702

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2918.753	3954.338	60196.51	12125.30	5059.462
Stddev	19.726	7.440	314.82	55.64	11.592
%RSD	.6758373	.1881500	.5229810	.4588350	.2291067

#1	2929.094	3962.178	60329.55	12174.07	5072.474
#2	2931.158	3953.459	60422.96	12064.71	5055.672
#3	2896.006	3947.376	59837.01	12137.13	5050.240

Sample Name: K2731-02 Acquired: 05/10/2019 14:55:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MDB7T4D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019710	.0016317	.0018020	-.005231	-.001257	-.005764	.0195154
Stddev	.0008365	.0018219	.0010556	.001767	.002457	.002701	.0008220
%RSD	42.44284	111.6616	58.57991	33.77708	195.4238	46.86501	4.211838

#1	.0027620	.0016813	.0020216	-.003750	-.003199	-.003390	.0201514
#2	.0020555	.0034283	.0027305	-.007186	-.002079	-.005199	.0198073
#3	.0010954	-.000215	.0006539	-.004755	.001505	-.008703	.0185873

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002480	-.000068	98.78066	-.001133	-.001252	-.009672	9.435257
Stddev	.0000492	.000020	.57633	.000153	.000228	.001979	.042017
%RSD	19.85674	30.17302	.5834420	13.52016	18.21495	20.45922	.4453154

#1	.0002132	-.000055	99.27785	-.001300	-.001191	-.007413	9.439247
#2	.0002265	-.000056	98.14898	-.001102	-.001061	-.010501	9.391387
#3	.0003044	-.000091	98.91515	-.000999	-.001505	-.011102	9.475136

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0398715	4.296232	.0013649	.0001437	5.552586	.0016726	-.000248
Stddev	.0006538	.027222	.0005005	.0004861	.218083	.0001181	.000523
%RSD	1.639849	.6336364	36.67126	338.2034	3.927602	7.058513	211.1734

#1	.0405942	4.276778	.0015601	.0000388	5.579986	.0017032	-.000610
#2	.0393211	4.327342	.0017385	.0006737	5.755674	.0017723	-.000484
#3	.0396992	4.284577	.0007962	-.000281	5.322097	.0015422	.000352

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.031625	.3072923	.1280291	-.001001	14.14852	9.309667	-.009014
Stddev	.066908	.0023337	.0015087	.000146	.06359	.064553	.000212
%RSD	6.485714	.7594288	1.178437	14.58067	.4494162	.6934025	2.352300

#1	1.083547	.3098772	.1286049	-.000897	14.09314	9.384104	-.008924
#2	1.055210	.3053404	.1263172	-.000938	14.21796	9.275844	-.008862
#3	.956118	.3066593	.1291651	-.001168	14.13445	9.269053	-.009256

Sample Name: K2731-02 Acquired: 05/10/2019 14:55:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MDB7T4D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001708	-.020649	.1640276
Stddev	.001450	.000605	.0001347
%RSD	84.85590	2.932235	.0821123

#1	-.002296	-.020138	.1640524
#2	-.002772	-.021318	.1641482
#3	-.000057	-.020491	.1638823

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2860.156	3880.415	59505.37	12083.07	4971.139
Stddev	15.888	6.846	367.12	35.64	7.167
%RSD	.5555027	.1764197	.6169594	.2949247	.1441691

#1	2877.224	3885.694	59928.49	12058.22	4966.194
#2	2857.448	3882.872	59316.23	12123.90	4979.358
#3	2845.795	3872.680	59271.37	12067.08	4967.864

Sample Name: K2731-01 Acquired: 05/10/2019 14:50:59 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MDB7T4 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0039208	.0026204	.0020737	-.001294	-.000141	-.003329	.0185630
Stddev	.0042602	.0016967	.0015102	.001920	.001607	.008619	.0002826
%RSD	108.6556	64.75036	72.82646	148.4192	1138.949	258.8795	1.522317

#1	.0051050	.0008344	.0037153	-.002900	-.001470	-.009593	.0183628
#2	-.000806	.0028159	.0017626	.000833	.001645	-.006896	.0188862
#3	.007464	.0042108	.0007433	-.001814	-.000599	.006500	.0184398

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002182	-.000136	98.33186	-.000711	-.001263	-.010605	9.400685
Stddev	.0000394	.000032	.48180	.000546	.000154	.001141	.003891
%RSD	18.05674	23.31410	.4899747	76.80965	12.20530	10.75637	.0413952

#1	.0002099	-.000100	97.77769	-.000092	-.001409	-.009455	9.396580
#2	.0002611	-.000151	98.65142	-.000920	-.001102	-.010624	9.401153
#3	.0001837	-.000158	98.56648	-.001123	-.001277	-.011737	9.404321

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0394312	4.306469	.0014129	-.000106	5.486655	.0019783	-.000802
Stddev	.0006785	.013695	.0004273	.000327	.324172	.0010632	.000789
%RSD	1.720604	.3180175	30.24447	308.0828	5.908370	53.74254	98.39797

#1	.0393932	4.310951	.0018497	-.000084	5.607624	.0029788	-.000533
#2	.0387725	4.317362	.0009958	.000210	5.119393	.0020941	-.000182
#3	.0401278	4.291095	.0013931	-.000444	5.732947	.0008619	-.001690

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.009170	.3061316	.1281674	-.000896	14.13205	9.325911	-.008405
Stddev	.024071	.0011200	.0011791	.000439	.05305	.038055	.001381
%RSD	2.385184	.3658558	.9199948	49.03039	.3754008	.4080591	16.43627

#1	1.028934	.3054661	.1288532	-.000389	14.14373	9.315802	-.008330
#2	1.016212	.3055040	.1268059	-.001149	14.07413	9.368000	-.007063
#3	.982364	.3074247	.1288430	-.001150	14.17829	9.293931	-.009823

Sample Name: K2731-01 Acquired: 05/10/2019 14:50:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MDB7T4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001160	-.020345	.1635389
Stddev	.000812	.003484	.0002699
%RSD	69.97142	17.12464	.1650687

#1	-.000819	-.017170	.1632330
#2	-.002087	-.019793	.1636400
#3	-.000575	-.024072	.1637437

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2863.569	3887.315	59431.74	12106.85	4968.899
Stddev	12.975	7.122	289.98	70.16	5.314
%RSD	.4531002	.1832208	.4879191	.5795039	.1069424

#1	2877.423	3894.702	59762.31	12177.08	4968.148
#2	2861.578	3886.753	59312.60	12036.76	4974.548
#3	2851.704	3880.491	59220.31	12106.73	4964.001

Sample Name: K2731-03 Acquired: 05/10/2019 14:59:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MDB7T4S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0407733	.0563955	.0209817	.0095717	.1055216	1.828409	2.040242
Stddev	.0029245	.0011965	.0009881	.0023379	.0006128	.003409	.002434
%RSD	7.172562	2.121602	4.709274	24.42472	.5807028	.1864300	.1192762

#1	.0438289	.0554257	.0199874	.0116525	.1048574	1.825116	2.037455
#2	.0380004	.0560283	.0209942	.0100207	.1060648	1.828189	2.041948
#3	.0404907	.0577326	.0219635	.0070419	.1056426	1.831923	2.041321

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0511805	.0515010	98.28542	.2001803	.4989690	.2094419	10.45968
Stddev	.0003918	.0000106	.37303	.0005466	.0012543	.0031059	.04288
%RSD	.7655347	.0206283	.3795339	.2730605	.2513760	1.482938	.4099152

#1	.0511523	.0515123	98.01816	.2004365	.5003178	.2074453	10.44673
#2	.0515856	.0514993	98.12651	.1995526	.4978376	.2130203	10.42477
#3	.0508036	.0514913	98.71158	.2005517	.4987517	.2078601	10.50754

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5560795	4.254734	.5129557	.0497756	5.259863	.5198172	.5031236
Stddev	.0037295	.016108	.0006842	.0003588	.207743	.0040957	.0062149
%RSD	.6706699	.3785940	.1333874	.7208086	3.949586	.7879092	1.235260

#1	.5531191	4.245809	.5137282	.0495964	5.341387	.5241825	.5071761
#2	.5548511	4.245064	.5127127	.0495417	5.023724	.5192104	.4959683
#3	.5602682	4.273330	.5124261	.0501886	5.414479	.5160588	.5062265

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9808378	.3016653	.1292430	-.000655	13.97621	9.281842	-.009763
Stddev	.0339465	.0028556	.0029149	.000206	.07561	.048079	.001360
%RSD	3.460968	.9466052	2.255337	31.49729	.5409727	.5179858	13.92645

#1	.9646884	.3039446	.1275111	-.000678	14.06287	9.286298	-.011176
#2	1.019844	.3025890	.1326083	-.000850	13.92371	9.327538	-.009647
#3	.957981	.2984621	.1276095	-.000439	13.94204	9.231691	-.008465

Sample Name: K2731-03 Acquired: 05/10/2019 14:59:08 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MDB7T4S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.003131	-.020247	.1625418
Stddev	.001489	.001354	.0003758
%RSD	47.57784	6.687997	.2311723

#1	-.004366	-.018822	.1621619
#2	-.001477	-.021517	.1629133
#3	-.003549	-.020403	.1625501

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2859.337	3892.355	59388.10	12036.40	4962.326
Stddev	26.153	5.811	451.89	40.08	3.979
%RSD	.9146566	.1493047	.7609117	.3329562	.0801785

#1	2869.189	3898.907	59617.82	12078.53	4966.911
#2	2879.133	3890.334	59678.98	11998.75	4959.786
#3	2829.689	3887.823	58867.50	12031.91	4960.281

Sample Name: K2731-01LX5 Acquired: 05/10/2019 15:03:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MDB7T4L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014975	.0013004	.0007001	.0003533	-.000824	.0001489	.0019366
Stddev	.0015655	.0007721	.0004358	.0007806	.000801	.0054519	.0006146
%RSD	104.5422	59.37499	62.24416	220.9355	97.25336	3661.431	31.73825

#1	.0004756	.0005637	.0006615	.0003435	.000040	-.001108	.0013561
#2	.0032998	.0012339	.0002850	-.000422	-.000970	.006120	.0018733
#3	.0007171	.0021036	.0011540	.001139	-.001542	-.004564	.0025805

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000738	-.000061	20.02569	-.000627	-.000771	-.002495	1.896531
Stddev	.0000644	.000148	.33326	.000468	.000100	.002150	.020780
%RSD	87.16689	241.6836	1.664137	74.60673	13.02530	86.17410	1.095677

#1	.0001354	.000109	19.76099	-.000353	-.000655	-.004756	1.883595
#2	.0000070	-.000156	20.39993	-.001167	-.000832	-.000476	1.920500
#3	.0000791	-.000137	19.91616	-.000361	-.000825	-.002252	1.885497

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0078544	.8738560	-.000391	.0009901	.9316839	.0008079	-.002533
Stddev	.0003502	.0209440	.000482	.0006145	.1714676	.0026070	.001584
%RSD	4.458951	2.396731	123.4587	62.07045	18.40405	322.7012	62.53706

#1	.0074505	.8583254	-.000010	.0003191	.9034605	.0035085	-.003468
#2	.0080732	.8976759	-.000933	.0015255	.7760791	-.001694	-.000704
#3	.0080396	.8655667	-.000230	.0011256	1.115512	.000609	-.003427

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1623658	.0627318	.0234333	-.000040	2.834650	1.843779	-.005107
Stddev	.0865666	.0002163	.0015186	.000368	.012490	.018302	.000364
%RSD	53.31581	.3448257	6.480582	930.3137	.4406279	.9926195	7.125358

#1	.0714502	.0628228	.0235131	-.000006	2.835073	1.822650	-.004780
#2	.2438034	.0624849	.0249105	-.000423	2.821953	1.854693	-.005042
#3	.1718437	.0628878	.0218764	.000310	2.846923	1.853994	-.005499

Sample Name: K2731-01LX5 Acquired: 05/10/2019 15:03:05 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MDB7T4L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000058	-.009829	.0335850
Stddev	.000355	.002175	.0002267
%RSD	612.1569	22.13000	.6751225

#1	.000235	-.007413	.0333342
#2	-.000453	-.010441	.0337755
#3	.000043	-.011632	.0336452

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2786.645	3819.291	57636.76	11921.84	4850.223
Stddev	27.697	10.677	267.21	163.65	8.358
%RSD	.9939032	.2795651	.4636050	1.372691	.1723234

#1	2783.693	3807.070	57457.44	12071.45	4843.743
#2	2760.543	3826.809	57508.97	11747.06	4859.657
#3	2815.699	3823.996	57943.87	11947.00	4847.268

Sample Name: K2731-07 Acquired: 05/10/2019 15:19:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MDB812 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0114577	.0016614	.0054512	.0003686	-.002289	.0012377	.0210921
Stddev	.0035129	.0018028	.0015138	.0042940	.000648	.0061573	.0007465
%RSD	30.66000	108.5082	27.77011	1164.940	28.28481	497.4988	3.539122

#1	.0076632	.0036983	.0043249	.0029447	-.003021	.0056856	.0219111
#2	.0121131	.0010148	.0071720	.0027496	-.002059	-.005790	.0209154
#3	.0145967	.0002711	.0048567	-.004588	-.001788	.003817	.0204498

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000844	-.000033	81.01742	-.000217	-.001997	-.008425	-.074922
Stddev	.0000143	.000072	.32922	.000115	.000048	.000521	.004430
%RSD	16.88659	218.8883	.4063615	52.97416	2.380652	6.178226	5.912477

#1	.0000861	-.000094	81.37503	-.000111	-.001974	-.008962	-.080015
#2	.0000694	-.000052	80.95032	-.000201	-.002052	-.007923	-.072786
#3	.0000978	.000047	80.72692	-.000339	-.001966	-.008391	-.071965

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0534263	1.689334	.0003628	.0008546	15.35607	.0036585	-.001444
Stddev	.0006651	.017315	.0004936	.0002038	.14206	.0017071	.001456
%RSD	1.244873	1.024945	136.0586	23.85191	.9251273	46.66024	100.8833

#1	.0539073	1.683087	.0007667	.0010212	15.38760	.0049568	-.002793
#2	.0526673	1.708906	.0005091	.0009153	15.20089	.0017249	-.001638
#3	.0537044	1.676010	-.000187	.0006273	15.47972	.0042939	.000100

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.034075	.0013010	.2067541	.1086397	36.16261	47.51540	-.008981
Stddev	.039982	.0023741	.0010792	.0006226	.08340	.09250	.001300
%RSD	1.317765	182.4759	.5219963	.5731094	.2306158	.1946794	14.47068

#1	3.009055	.0028534	.2077480	.1093586	36.25811	47.50241	-.007728
#2	3.012983	.0024817	.2056061	.1082850	36.10413	47.43007	-.008894
#3	3.080186	-.001432	.2069083	.1082754	36.12559	47.61371	-.010322

Sample Name: K2731-07 Acquired: 05/10/2019 15:19:21 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MDB812 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002386	-.003643	.2648618
Stddev	.000382	.001184	.0003365
%RSD	16.02760	32.49017	.1270286

#1	-.002449	-.002298	.2649307
#2	-.001976	-.004110	.2644962
#3	-.002733	-.004523	.2651584

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2880.982	3924.988	59766.63	12079.45	5041.757
Stddev	11.868	5.605	200.21	26.01	.561
%RSD	.4119371	.1427995	.3349808	.2153575	.0111325

#1	2894.674	3919.688	59886.64	12061.11	5041.117
#2	2874.641	3930.854	59535.51	12109.23	5042.163
#3	2873.632	3924.421	59877.76	12068.02	5041.992

Sample Name: K2731-06 Acquired: 05/10/2019 15:15:18 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MDB811 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0118969	.0008934	.0057442	.0009940	-.001505	.0060653	.0217391
Stddev	.0012748	.0013023	.0010162	.0017145	.001097	.0110830	.0011788
%RSD	10.71496	145.7778	17.69023	172.4792	72.90325	182.7276	5.422582

#1	.0132519	.0016485	.0067955	.0029674	-.001818	.0147455	.0217285
#2	.0107215	-.000610	.0047673	.0001454	-.000285	.0098691	.0229231
#3	.0117173	.001642	.0056697	-.000131	-.002412	-.006419	.0205655

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000550	-.000018	79.98893	.0001944	-.001835	-.008578	-.079036
Stddev	.0000343	.000078	.67306	.0001398	.000130	.001391	.004918
%RSD	62.39189	439.0079	.8414467	71.90964	7.070123	16.22011	6.222520

#1	.0000181	-.000068	79.91764	.0000728	-.001840	-.009870	-.079788
#2	.0000610	.000072	80.69480	.0003470	-.001961	-.007105	-.073785
#3	.0000858	-.000058	79.35435	.0001632	-.001702	-.008758	-.083534

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0542917	1.668026	.0002646	.0004708	15.33736	.0028926	.0005421
Stddev	.0010657	.019188	.0003972	.0001956	.24522	.0022539	.0017579
%RSD	1.962833	1.150314	150.0875	41.55109	1.598867	77.91778	324.2736

#1	.0540890	1.678260	-.000124	.0006851	15.10390	.0053320	-.001467
#2	.0554442	1.679928	.000248	.0003018	15.59286	.0008874	.001299
#3	.0533420	1.645891	.000670	.0004256	15.31531	.0024585	.001795

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.031926	.0018527	.2048947	.1081834	36.03694	47.14688	-.010231
Stddev	.071066	.0011652	.0019140	.0006217	.15167	.29247	.000758
%RSD	2.343912	62.89169	.9341541	.5746899	.4208802	.6203329	7.406955

#1	2.966353	.0018208	.2063394	.1084433	35.94378	47.20457	-.010838
#2	3.021988	.0030335	.2056210	.1086329	35.95509	47.40619	-.010472
#3	3.107438	.0007038	.2027239	.1074739	36.21196	46.82986	-.009381

Sample Name: K2731-06 Acquired: 05/10/2019 15:15:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MDB811 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001739	-.003415	.2619544
Stddev	.000701	.000699	.0001791
%RSD	40.29000	20.47624	.0683772

#1	-.001021	-.002717	.2619467
#2	-.002421	-.004116	.2617792
#3	-.001777	-.003413	.2621372

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2868.416	3912.920	59524.91	12096.54	5008.411
Stddev	12.599	18.108	276.17	78.36	6.051
%RSD	.4392220	.4627712	.4639554	.6477887	.1208255

#1	2875.334	3898.332	59690.30	12101.00	5003.150
#2	2853.874	3907.242	59206.09	12016.04	5007.059
#3	2876.040	3933.187	59678.34	12172.57	5015.024

Sample Name: K2731-09 Acquired: 05/10/2019 15:27:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MDB814 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026402	.0017815	-.000442	-.000586	-.002378	.2493272	.0044510
Stddev	.0005819	.0007130	.001046	.001072	.001025	.0052370	.0004052
%RSD	22.04039	40.02243	236.4457	183.0794	43.09933	2.100441	9.103745

#1	.0029650	.0009597	-.001635	-.001653	-.002728	.2551165	.0041547
#2	.0019684	.0022356	.000316	-.000595	-.003181	.2479455	.0042857
#3	.0029873	.0021493	-.000008	.000491	-.001224	.2449197	.0049128

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000187	-.000032	7.037145	.0028178	-.000532	-.009169	.1386556
Stddev	.0000786	.000049	.039082	.0003764	.000111	.001371	.0084495
%RSD	420.1025	151.6021	.5553648	13.35864	20.89232	14.94941	6.093893

#1	.0000978	-.000029	7.030337	.0032386	-.000659	-.010183	.1431878
#2	.0000175	-.000083	7.001914	.0027016	-.000479	-.007609	.1289069
#3	-.000059	.000015	7.079183	.0025132	-.000457	-.009714	.1438721

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.335585	.7421112	-.000085	.0005173	30.79814	.0035680	.0005162
Stddev	.007154	.0246537	.000361	.0002599	.15181	.0015720	.0014505
%RSD	.5356520	3.322110	423.4641	50.25037	.4929199	44.05850	281.0060

#1	1.333294	.7186584	-.000466	.0005456	30.63739	.0031548	-.000452
#2	1.329856	.7678119	.000253	.0002443	30.81799	.0022439	-.000183
#3	1.343603	.7398633	-.000043	.0007619	30.93905	.0053054	.002184

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	249.0526	.0223382	.0632657	-.000615	46.43363	1.662469	-.006699
Stddev	.4229	.0024293	.0013696	.000103	.10074	.013844	.000908
%RSD	.1697879	10.87505	2.164768	16.74306	.2169597	.8327634	13.54715

#1	248.5693	.0230247	.0648231	-.000607	46.34520	1.677966	-.006151
#2	249.3544	.0243504	.0627251	-.000722	46.54330	1.658116	-.006200
#3	249.2342	.0196395	.0622491	-.000516	46.41240	1.651324	-.007747

Sample Name: K2731-09 Acquired: 05/10/2019 15:27:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MDB814 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0075916	-.023088	.0099561
Stddev	.0008822	.001016	.0000810
%RSD	11.62127	4.399482	.8139159

#1	.0070811	-.024132	.0099107
#2	.0086103	-.022102	.0100497
#3	.0070834	-.023031	.0099080

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2916.593	3935.129	60149.25	12200.50	4964.356
Stddev	16.142	1.034	267.69	27.01	5.907
%RSD	.5534650	.0262818	.4450389	.2213514	.1189950

#1	2934.233	3934.047	60384.63	12187.63	4963.500
#2	2902.558	3936.108	59858.06	12231.53	4958.924
#3	2912.986	3935.233	60205.06	12182.33	4970.645

Sample Name: K2731-08 Acquired: 05/10/2019 15:23:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MDB813 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0033212	-.000273	.0053151	.0015210	-.002015	-.016040	.0343461
Stddev	.0005676	.000459	.0014194	.0002986	.000473	.007368	.0004630
%RSD	17.09003	167.8660	26.70405	19.62804	23.49917	45.93756	1.347968

#1	.0035624	-.000681	.0038163	.0011782	-.001576	-.019196	.0347057
#2	.0026728	.000223	.0054905	.0016607	-.001952	-.021303	.0338237
#3	.0037283	-.000362	.0066387	.0017242	-.002516	-.007619	.0345089

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000942	.0000176	183.8723	.0001374	-.001429	-.005765	2.681576
Stddev	.0000435	.0000737	1.4262	.0004364	.000151	.001533	.024757
%RSD	46.18399	418.3862	.7756381	317.6500	10.55116	26.58581	.9232168

#1	.0000569	.0000992	182.8935	-.000347	-.001529	-.005186	2.654382
#2	.0001420	-.000044	185.5087	.000258	-.001256	-.007503	2.702807
#3	.0000838	-.000003	183.2149	.000501	-.001503	-.004606	2.687539

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1018833	15.61268	.0135589	.0006195	39.42755	.0025359	-.002099
Stddev	.0011563	.07641	.0003334	.0007005	.41238	.0007303	.001013
%RSD	1.134919	.4894021	2.459016	113.0734	1.045920	28.80003	48.24545

#1	.1016001	15.52901	.0138143	.0000797	39.08342	.0020523	-.002556
#2	.1031548	15.63028	.0136807	.0003677	39.88464	.0021793	-.002802
#3	.1008949	15.67876	.0131817	.0014110	39.31458	.0033760	-.000938

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.596820	.2272027	.1622888	.0016916	45.56760	32.39561	-.009114
Stddev	.044449	.0019967	.0008799	.0003301	.06509	.07119	.001333
%RSD	.9669520	.8788048	.5421546	19.51174	.1428341	.2197390	14.62553

#1	4.550421	.2278804	.1630329	.0020716	45.61417	32.41131	-.009865
#2	4.601016	.2249554	.1613177	.0015275	45.49323	32.45764	-.009901
#3	4.639022	.2287723	.1625158	.0014758	45.59540	32.31789	-.007575

Sample Name: K2731-08 Acquired: 05/10/2019 15:23:25 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MDB813 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002051	-.009789	.3334887
Stddev	.000704	.000401	.0006976
%RSD	34.31411	4.096233	.2091713

#1	-.001304	-.009849	.3326894
#2	-.002147	-.010156	.3339750
#3	-.002701	-.009361	.3338015

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2849.088	3862.016	59463.34	12114.67	4919.072
Stddev	8.181	3.153	32.37	14.94	8.537
%RSD	.2871340	.0816524	.0544370	.1233136	.1735566

#1	2858.199	3858.913	59430.59	12124.26	4909.316
#2	2842.372	3865.217	59464.11	12097.46	4925.173
#3	2846.692	3861.919	59495.32	12122.29	4922.728

Sample Name: K2731-11 Acquired: 05/10/2019 15:35:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MDB816 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023942	.0017633	.0051745	.0006869	-.000905	-.058948	.0329099
Stddev	.0005281	.0023781	.0016389	.0023838	.000425	.008885	.0008341
%RSD	22.05810	134.8657	31.67291	347.0029	46.97763	15.07291	2.534427

#1	.0028266	-.000828	.0034086	.0002998	-.001376	-.067992	.0337739
#2	.0018056	.002273	.0066468	-.001480	-.000785	-.050230	.0328466
#3	.0025504	.003845	.0054680	.003241	-.000552	-.058621	.0321093

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000893	-.000099	194.6074	-.000045	-.001955	-.008106	2.801520
Stddev	.0000876	.000033	1.0565	.000109	.000127	.001455	.012631
%RSD	98.07990	33.48321	.5428995	242.6228	6.484379	17.94437	.4508514

#1	-.000010	-.000082	195.8271	-.000093	-.001839	-.006678	2.808417
#2	.000121	-.000137	193.9761	-.000122	-.001936	-.008053	2.786942
#3	.000157	-.000077	194.0190	.000080	-.002090	-.009586	2.809201

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1005084	12.47019	.0016285	.0002499	14.76490	.0032205	-.001925
Stddev	.0007003	.00314	.0003577	.0002384	.15546	.0006185	.001644
%RSD	.6967333	.0251428	21.96294	95.40462	1.052869	19.20442	85.40847

#1	.1011674	12.46795	.0019726	.0000417	14.88752	.0038253	-.003375
#2	.0997731	12.46885	.0012587	.0001981	14.81711	.0032471	-.000139
#3	.1005846	12.47377	.0016543	.0005100	14.59006	.0025892	-.002262

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.650109	.1398411	.1256306	-.000742	82.46223	29.21846	-.010059
Stddev	.043689	.0014256	.0019216	.000276	.31701	.16059	.001192
%RSD	2.647653	1.019449	1.529547	37.21534	.3844337	.5496254	11.85257

#1	1.698430	.1397546	.1257904	-.000591	82.11870	29.40370	-.009553
#2	1.638501	.1384607	.1274672	-.001060	82.52448	29.13321	-.011421
#3	1.613397	.1413080	.1236340	-.000574	82.74349	29.11846	-.009203

Sample Name: K2731-11 Acquired: 05/10/2019 15:35:38 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MDB816 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.005330	-.015907	.3970496
Stddev	.001583	.002465	.0004524
%RSD	29.70574	15.49365	.1139419

#1	-.006318	-.013294	.3975591
#2	-.003504	-.018190	.3966947
#3	-.006169	-.016236	.3968952

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2828.688	3839.040	59085.25	12016.60	4922.020
Stddev	14.270	8.097	232.01	27.11	10.573
%RSD	.5044726	.2109213	.3926623	.2256266	.2148129

#1	2844.093	3842.497	58830.26	11986.83	4924.172
#2	2826.046	3844.835	59141.58	12039.87	4931.351
#3	2815.923	3829.788	59283.90	12023.12	4910.536

Sample Name: K2731-10 Acquired: 05/10/2019 15:31:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MDB815 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050611	.0000225	.0044411	.0006965	-.000996	-.054647	.0318238
Stddev	.0029171	.0020440	.0011381	.0002706	.001013	.002074	.0007409
%RSD	57.63733	9101.124	25.62698	38.84892	101.6716	3.795057	2.328221

#1	.0074878	-.000236	.0055927	.0004134	-.000847	-.052382	.0309682
#2	.0058707	-.001880	.0044136	.0007233	-.002074	-.055108	.0322526
#3	.0018247	.002183	.0033169	.0009526	-.000066	-.056452	.0322505

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000893	-.000033	190.9271	.0001433	-.001505	-.009141	2.755152
Stddev	.0000435	.000027	1.8759	.0003929	.000352	.002025	.024842
%RSD	48.69089	82.18069	.9825036	274.0951	23.35684	22.15526	.9016425

#1	.0000417	-.000043	191.6135	.0000769	-.001910	-.010524	2.758947
#2	.0001268	-.000053	192.3631	-.000212	-.001338	-.006816	2.777878
#3	.0000993	-.000002	188.8047	.000565	-.001269	-.010083	2.728632

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0991803	12.13845	.0019341	.0002114	15.15937	.0017846	-.001482
Stddev	.0016704	.12659	.0001660	.0004197	.22432	.0013614	.001058
%RSD	1.684246	1.042901	8.584009	198.5877	1.479741	76.28832	71.39482

#1	.0993547	12.18283	.0021093	-.000268	15.40423	.0009172	-.002689
#2	.1007567	12.23687	.0017791	.000391	15.11010	.0010828	-.000716
#3	.0974295	11.99564	.0019138	.000511	14.96379	.0033537	-.001041

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.694556	.1388692	.1223700	-.000570	81.85728	28.50393	-.008978
Stddev	.024994	.0016583	.0018254	.000100	.43884	.25019	.000998
%RSD	1.474963	1.194128	1.491677	17.54525	.5361017	.8777272	11.11758

#1	1.699630	.1382475	.1214087	-.000603	81.64037	28.31569	-.009935
#2	1.716623	.1376115	.1244752	-.000457	81.56913	28.78783	-.009056
#3	1.667414	.1407484	.1212263	-.000649	82.36233	28.40827	-.007943

Sample Name: K2731-10 Acquired: 05/10/2019 15:31:33 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MDB815 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.003259	-.015380	.3927753
Stddev	.001209	.000471	.0003436
%RSD	37.08828	3.064624	.0874732

#1	-.001898	-.015315	.3924854
#2	-.003673	-.015880	.3931548
#3	-.004207	-.014944	.3926856

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2859.962	3857.119	59669.49	12146.77	4937.099
Stddev	19.390	10.651	330.00	67.13	8.227
%RSD	.6779753	.2761495	.5530460	.5526244	.1666342

#1	2844.863	3867.142	59550.84	12163.12	4945.339
#2	2853.195	3845.934	59415.23	12072.98	4937.074
#3	2881.829	3858.280	60042.41	12204.22	4928.885

Sample Name: K2731-13 Acquired: 05/10/2019 15:43:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MDB818 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001690	.0005134	.0023855	.0024656	-.000341	-.078048	.0304256
Stddev	.003680	.0031465	.0009116	.0019507	.001537	.013534	.0003508
%RSD	217.7953	612.8428	38.21653	79.11701	450.4146	17.34043	1.152977

#1	-.005682	-.003107	.0032416	.0044430	-.000212	-.068485	.0308150
#2	.001566	.002593	.0024879	.0024112	-.001939	-.072126	.0303278
#3	-.000953	.002054	.0014270	.0005427	.001127	-.093534	.0301342

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000828	-.000126	197.5851	.0021438	-.001771	-.007230	.5494674
Stddev	.0000133	.000075	.5142	.0000777	.000265	.001457	.0083310
%RSD	16.11200	59.41194	.2602189	3.624936	14.94459	20.14640	1.516202

#1	.0000681	-.000199	197.5176	.0022298	-.001681	-.007424	.5590819
#2	.0000861	-.000131	198.1297	.0021232	-.001564	-.008579	.5449368
#3	.0000942	-.000049	197.1080	.0020785	-.002069	-.005686	.5443834

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0712412	13.84856	.0216516	.0009566	41.36719	.0061874	-.002199
Stddev	.0003708	.03182	.0001435	.0002227	.20185	.0021999	.000787
%RSD	.5204621	.2297453	.6629596	23.27653	.4879416	35.55443	35.79682

#1	.0716693	13.81908	.0214994	.0012120	41.16404	.0038870	-.003082
#2	.0710220	13.88229	.0217845	.0008028	41.56771	.0064046	-.001570
#3	.0710322	13.84431	.0216710	.0008551	41.36981	.0082706	-.001945

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.152765	.1887992	.0514664	.0288493	70.72574	19.30515	-.010046
Stddev	.046511	.0012353	.0016866	.0002722	.06872	.27339	.001977
%RSD	4.034714	.6542891	3.277038	.9436209	.0971607	1.416170	19.68113

#1	1.206467	.1894246	.0531073	.0291636	70.65689	19.38185	-.008425
#2	1.126422	.1873763	.0515545	.0286899	70.72601	19.53201	-.009464
#3	1.125404	.1895967	.0497376	.0286944	70.79432	19.00160	-.012249

Sample Name: K2731-13 Acquired: 05/10/2019 15:43:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MDB818 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.004915	-.015891	.6219761
Stddev	.000952	.001156	.0004782
%RSD	19.37426	7.274908	.0768776

#1	-.004404	-.017031	.6215086
#2	-.006014	-.014720	.6224642
#3	-.004328	-.015921	.6219554

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2851.946	3822.208	59171.73	11997.59	4882.921
Stddev	38.330	6.873	447.31	79.47	1.200
%RSD	1.343987	.1798052	.7559579	.6623636	.0245722

#1	2846.782	3814.293	58940.72	11936.81	4882.521
#2	2892.597	3825.666	59687.32	11968.45	4884.270
#3	2816.461	3826.665	58887.16	12087.52	4881.973

Sample Name: K2731-12 Acquired: 05/10/2019 15:39:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MDB817 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016613	.0005489	.0033156	.0024752	-.000336	-.009355	.0224697
Stddev	.0010355	.0011334	.0014230	.0007123	.001100	.006526	.0005603
%RSD	62.33060	206.4810	42.91891	28.77600	327.3438	69.75364	2.493453

#1	.0013376	.0004672	.0049520	.0016569	-.000980	-.003829	.0222593
#2	.0028200	.0017209	.0026274	.0029554	.000934	-.016554	.0220450
#3	.0008263	-.000541	.0023675	.0028135	-.000963	-.007682	.0231047

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000018	-.000057	145.3996	.0005755	-.001697	-.010305	.0715011
Stddev	.000048	.000066	.6581	.0006772	.000078	.001505	.0047331
%RSD	269.5370	116.1039	.4526344	117.6786	4.611544	14.60205	6.619673

#1	.000022	-.000131	144.7649	.0002426	-.001614	-.008614	.0674843
#2	-.000071	-.000034	146.0789	.0013546	-.001769	-.010802	.0767192
#3	-.000005	-.000005	145.3551	.0001291	-.001709	-.011498	.0702999

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0235952	10.29502	.0070458	.0003465	7.316511	.0056573	-.002615
Stddev	.0003232	.05940	.0004542	.0002808	.299614	.0027005	.001779
%RSD	1.369627	.5769996	6.446671	81.03251	4.095040	47.73383	68.03219

#1	.0237042	10.23405	.0075689	.0004210	7.040000	.0087298	-.004667
#2	.0238498	10.29828	.0067516	.0000360	7.274699	.0036603	-.001659
#3	.0232317	10.35272	.0068168	.0005824	7.634835	.0045819	-.001518

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.009636	.1063006	.0247205	-.000961	38.71428	23.59548	-.009898
Stddev	.032698	.0016461	.0003781	.000087	.02806	.05892	.000098
%RSD	3.238573	1.548526	1.529471	9.026787	.0724832	.2497239	.9934300

#1	1.012315	.1044685	.0244159	-.001031	38.68226	23.61594	-.010012
#2	1.040913	.1076551	.0246019	-.000864	38.72599	23.52905	-.009838
#3	.975682	.1067783	.0251437	-.000988	38.73460	23.64144	-.009844

Sample Name: K2731-12 Acquired: 05/10/2019 15:39:43 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MDB817 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001377	-.018488	.4082405
Stddev	.000941	.002448	.0017471
%RSD	68.32549	13.23992	.4279560

#1	-.001111	-.015699	.4063548
#2	-.000598	-.020281	.4085626
#3	-.002423	-.019482	.4098042

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2863.172	3846.893	59290.15	12017.61	4938.805
Stddev	5.283	8.518	209.57	26.36	6.930
%RSD	.1845019	.2214266	.3534606	.2193811	.1403194

#1	2859.785	3854.731	59295.02	12039.62	4939.522
#2	2860.473	3848.121	59078.19	12024.83	4945.349
#3	2869.259	3837.828	59497.23	11988.39	4931.544

Sample Name: K2731-14 Acquired: 05/10/2019 15:47:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MDB819 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031236	-.000028	.0035285	.0009786	-.001361	-.051208	.0212084
Stddev	.0009714	.000623	.0014667	.0031369	.001870	.014172	.0010541
%RSD	31.09768	2187.336	41.56765	320.5656	137.3739	27.67605	4.970402

#1	.0041271	.000324	.0018590	.0008015	-.000108	-.045721	.0208952
#2	.0021880	.000338	.0041165	.0042003	-.003511	-.067303	.0203463
#3	.0030556	-.000747	.0046099	-.002066	-.000465	-.040600	.0223836

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000907	-.000123	161.2178	.0006251	-.001503	-.007143	-.047405
Stddev	.0001185	.000046	1.5726	.0003426	.000322	.000704	.006385
%RSD	130.6618	37.14132	.9754232	54.80972	21.45594	9.852894	13.46796

#1	-.000014	-.000106	161.3283	.0008821	-.001541	-.006424	-.054759
#2	.000219	-.000174	159.5929	.0002361	-.001805	-.007175	-.043272
#3	.000067	-.000088	162.7321	.0007570	-.001163	-.007831	-.044185

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0087053	11.88715	.0009028	.0004991	26.45482	.0024875	-.000752
Stddev	.0003130	.06588	.0002739	.0003428	.31273	.0004950	.000562
%RSD	3.595984	.5542210	30.33920	68.68136	1.182123	19.90003	74.67691

#1	.0083751	11.93489	.0006766	.0002441	26.25145	.0026456	-.000106
#2	.0087431	11.81198	.0008246	.0003645	26.29809	.0019327	-.001128
#3	.0089977	11.91456	.0012074	.0008888	26.81492	.0028841	-.001023

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.426332	.0462386	.0443370	.0072986	55.06132	20.11364	-.009024
Stddev	.072014	.0012290	.0017795	.0001395	.08231	.13604	.001870
%RSD	1.327116	2.657955	4.013621	1.911318	.1494860	.6763343	20.71956

#1	5.463123	.0469276	.0451501	.0072039	55.08087	20.14709	-.008815
#2	5.343355	.0448197	.0422961	.0074588	54.97099	19.96400	-.007267
#3	5.472518	.0469686	.0455646	.0072330	55.13208	20.22983	-.010989

Sample Name: K2731-14 Acquired: 05/10/2019 15:47:54 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MDB819 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002167	-.008863	.6151572
Stddev	.001365	.000977	.0022815
%RSD	62.96999	11.02598	.3708889

#1	-.003126	-.009983	.6166333
#2	-.002771	-.008188	.6125294
#3	-.000605	-.008416	.6163090

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2880.810	3863.802	59635.30	12075.58	4950.764
Stddev	23.589	7.908	406.57	101.82	12.007
%RSD	.8188230	.2046735	.6817637	.8431762	.2425202

#1	2907.046	3872.831	60040.04	12134.15	4960.355
#2	2874.034	3858.103	59638.95	12134.59	4937.298
#3	2861.352	3860.473	59226.92	11958.01	4954.638

Sample Name: K2731-15 Acquired: 05/10/2019 15:51:58 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MDB827 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002577	.0012297	-.000343	.0008175	-.001879	.0086124	-.000133
Stddev	.000126	.0012140	.002331	.0023283	.000777	.0070043	.000808
%RSD	4.884241	98.72833	680.5192	284.7993	41.34667	81.32797	608.1903

#1	-.002709	.0022838	.001663	.0006133	-.001766	.0091742	.000730
#2	-.002564	-.000098	.000209	.0032413	-.001164	.0153190	-.000258
#3	-.002459	.001503	-.002900	-.001402	-.002706	.0013442	-.000871

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000006	-.000037	.1175961	-.000217	-.000421	-.008872	-.049738
Stddev	.000078	.000025	.0043467	.000494	.000072	.000624	.006482
%RSD	1314.518	68.31251	3.696306	227.6661	17.00399	7.038372	13.03183

#1	.000079	-.000055	.1216432	-.000105	-.000377	-.008151	-.053772
#2	-.000074	-.000008	.1181435	.000212	-.000504	-.009211	-.053181
#3	-.000022	-.000047	.1130016	-.000758	-.000383	-.009253	-.042261

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000173	.0271967	-.000235	.0000819	-.198680	.0000021	.0062944
Stddev	.000046	.0044048	.000145	.0001524	.348646	.0014482	.0011263
%RSD	26.88761	16.19616	61.65386	186.1837	175.4816	68135.25	17.89366

#1	-.000226	.0302813	-.000286	-.000065	.077338	-.000387	.0062694
#2	-.000149	.0221520	-.000348	.000071	-.082887	.001605	.0074330
#3	-.000143	.0291567	-.000072	.000239	-.590490	-.001212	.0051808

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.755344	.0006727	.0034596	-.001358	.0054965	.0054962	-.006080
Stddev	.031861	.0006506	.0011575	.000165	.0018494	.0004137	.001642
%RSD	4.218022	96.71436	33.45729	12.16592	33.64568	7.527368	27.01363

#1	-.718877	.0014126	.0035329	-.001511	.0044067	.0050234	-.006701
#2	-.769367	.0004154	.0045787	-.001381	.0044511	.0056731	-.004217
#3	-.777788	.0001901	.0022672	-.001183	.0076318	.0057920	-.007321

Sample Name: K2731-15 Acquired: 05/10/2019 15:51:58 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MDB827 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000026	-.023780	.0004709
Stddev	.001487	.003052	.0000369
%RSD	5628.287	12.83260	7.827931

#1	.001558	-.025689	.0004371
#2	-.001393	-.025390	.0005102
#3	-.000244	-.020260	.0004655

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2917.263	3965.343	59848.20	12145.05	5011.745
Stddev	20.621	8.002	105.85	70.34	7.172
%RSD	.7068712	.2018047	.1768653	.5791905	.1431005

#1	2908.338	3973.781	59872.06	12100.04	5019.336
#2	2902.606	3957.862	59732.45	12109.00	5010.814
#3	2940.843	3964.388	59940.08	12226.11	5005.084

Sample Name: CCV010 Acquired: 05/10/2019 15:56:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV010 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.797741	4.988288	24.60138	5.005044	5.023551	395.5757
Stddev	.005325	.002659	.04486	.012621	.004716	.9147
%RSD	.1109928	.0533046	.1823644	.2521696	.0938844	.2312204

#1	4.802183	4.991171	24.55574	5.013501	5.018895	394.7018
#2	4.791838	4.987762	24.60297	5.011094	5.023433	395.4990
#3	4.799204	4.985932	24.64542	4.990536	5.028325	396.5263

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.16574	.5045006	2.544626	410.6396	15.06716	2.544701
Stddev	.01163	.0010241	.003119	1.6454	.03673	.002812
%RSD	.1143726	.2029841	.1225653	.4007036	.2437903	.1105238

#1	10.15781	.5033829	2.541869	409.8884	15.06457	2.542431
#2	10.17909	.5053937	2.543997	409.5038	15.03180	2.543825
#3	10.16032	.5047251	2.548011	412.5266	15.10513	2.547847

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.19688	402.8819	15.37484	401.5136	2.534881	1.288355
Stddev	.05258	2.2470	.08549	2.6649	.001115	.006051
%RSD	.3460158	.5577299	.5560376	.6637222	.0439743	.4696848

#1	15.13635	401.0833	15.31126	399.5467	2.534235	1.281529
#2	15.22312	402.1617	15.34123	400.4475	2.534241	1.290474
#3	15.23119	405.4007	15.47203	404.5465	2.536169	1.293062

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	397.1722	2.550739	15.24909	153.9586	F 4.203167	5.027265
Stddev	.7554	.010462	.06451	.2857	.012814	.014433
%RSD	.1901951	.4101376	.4230435	.1855650	.3048730	.2870918

#1	396.8929	2.547573	15.19684	153.6807	4.210138	5.012632
#2	396.5963	2.542227	15.22924	154.2515	4.210986	5.027675
#3	398.0275	2.562418	15.32120	153.9436	4.188379	5.041489

Sample Name: CCV010 Acquired: 05/10/2019 15:56:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV010 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.682350	F 4.215620	4.604046	4.739904	4.713313	5.254354
Stddev	.001848	.010912	.024670	.005164	.019246	.015382
%RSD	.0394580	.2588362	.5358274	.1089390	.4083355	.2927522
#1	4.684241	4.220349	4.578927	4.734567	4.702918	5.259457
#2	4.682260	4.203142	4.604971	4.744875	4.701500	5.237069
#3	4.680549	4.223369	4.628240	4.740271	4.735522	5.266536

Elem	Sr4077
Units	ppm
Avg	5.060482
Stddev	.020483
%RSD	.4047664
#1	5.038698
#2	5.063395
#3	5.079352

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2443.149	3269.737	53459.03	11136.24	3901.725
Stddev	10.308	8.689	38.00	24.36	7.565
%RSD	.4219098	.2657462	.0710746	.2187475	.1938902
#1	2442.647	3274.289	53419.33	11161.94	3904.665
#2	2433.101	3259.718	53495.06	11113.49	3893.131
#3	2453.698	3275.205	53462.71	11133.29	3907.378

Sample Name: CCB010 Acquired: 05/10/2019 15:59:59 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCB010 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002063	-.000107	.0008965	.0024280	.0001101	.0082712	-.000485
Stddev	.003122	.001961	.0009253	.0010439	.0009948	.0023646	.000818
%RSD	151.3198	1837.077	103.2129	42.99305	903.9312	28.58827	168.6829

#1	-.000477	.000859	.0018866	.0027980	.0009978	.0073834	-.000214
#2	-.005660	.001184	.0000536	.0032365	.0002974	.0064789	.000163
#3	-.000053	-.002363	.0007493	.0012495	-.000965	.0109512	-.001405

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000022	.0000147	-.013230	-.000691	-.000451	.0028071	-.008339
Stddev	.000100	.0000603	.001570	.000315	.000185	.0015621	.004679
%RSD	457.1230	410.3674	11.87015	45.54211	41.09694	55.64887	56.10848

#1	-.000098	.0000205	-.011418	-.000651	-.000259	.0043346	-.011589
#2	.000092	.0000719	-.014060	-.000398	-.000464	.0028744	-.010453
#3	-.000060	-.000048	-.014210	-.001023	-.000629	.0012125	-.002976

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003936	-.014428	-.001006	.0001033	.1064644	.0024554	.0009573
Stddev	.0002335	.027132	.000417	.0004703	.2129476	.0004251	.0018107
%RSD	59.30984	188.0555	41.46773	455.2955	200.0177	17.31153	189.1451

#1	.0004636	-.035609	-.000832	.0002176	.0221364	.0025210	.0030481
#2	.0001332	.016154	-.000704	.0005059	.3486615	.0020014	-.000067
#3	.0005841	-.023828	-.001482	-.000414	-.051405	.0028439	-.000109

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0808206	-.001621	.0068753	.0001266	-.003499	-.029269	-.001672
Stddev	.0294104	.000739	.0005221	.0003179	.000890	.000611	.000498
%RSD	36.38968	45.56294	7.593790	251.0114	25.43376	2.087715	29.78880

#1	.0634350	-.002092	.0065978	.0001254	-.004432	-.029898	-.001186
#2	.0642493	-.000770	.0065505	-.000191	-.003403	-.028677	-.002181
#3	.1147775	-.002002	.0074775	.000445	-.002660	-.029231	-.001649

Sample Name: CCB010 Acquired: 05/10/2019 15:59:59 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCB010 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0002982	-.000184	-.000004
Stddev	.0013623	.001108	.000088
%RSD	456.8275	600.7461	2456.291

#1	-.001269	-.000787	.000028
#2	.001202	-.000860	.000064
#3	.000961	.001094	-.000103

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2800.579	3803.564	57475.21	11700.21	4841.541
Stddev	16.372	10.623	264.17	71.09	7.333
%RSD	.5846019	.2793008	.4596321	.6075591	.1514510

#1	2814.867	3792.074	57227.82	11669.24	4834.522
#2	2782.714	3813.030	57444.36	11781.52	4849.151
#3	2804.156	3805.586	57753.46	11649.86	4840.952

Sample Name: K2745-17LX5 Acquired: 05/10/2019 16:24:54 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0H47L Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0619777	.0043098	.8431699	-.005854	.0069009	16.88569	.3769294
Stddev	.0020634	.0003755	.0047837	.001568	.0003339	.12122	.0017227
%RSD	3.329205	8.712559	.5673503	26.77714	4.838733	.7178579	.4570213

#1	.0631277	.0038766	.8418681	-.006961	.0067995	16.91530	.3772275
#2	.0595956	.0045407	.8391718	-.006540	.0072738	16.98936	.3784836
#3	.0632098	.0045123	.8484697	-.004060	.0066295	16.75242	.3750772

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014609	.0241103	113.4816	.0270522	.0130978	.3716204	31.40587
Stddev	.0001409	.0001005	1.5967	.0003575	.0002069	.0011984	.25856
%RSD	9.646687	.4167284	1.407046	1.321352	1.579435	.3224782	.8232949

#1	.0016026	.0240765	113.5687	.0267383	.0129377	.3728121	31.40240
#2	.0014594	.0240310	115.0330	.0269771	.0130243	.3716337	31.66615
#3	.0013208	.0242233	111.8431	.0274413	.0133314	.3704154	31.14906

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9351194	22.15987	.0240313	.0065953	.3135337	.0605896	.7476379
Stddev	.0098993	.12010	.0003640	.0001951	.1772542	.0031822	.0133448
%RSD	1.058615	.5419916	1.514687	2.957978	56.53435	5.251990	1.784929

#1	.9368450	22.07692	.0239672	.0064566	.4784673	.0569641	.7612516
#2	.9440424	22.29759	.0237036	.0065109	.1261062	.0618849	.7345793
#3	.9244707	22.10508	.0244230	.0068184	.3360276	.0629199	.7470829

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.196119	1.662937	.0518538	.0009263	1.139232	.6880621	-.002150
Stddev	.067351	.007681	.0012851	.0003625	.009760	.0108951	.000856
%RSD	1.296176	.4619023	2.478301	39.13677	.8567381	1.583452	39.84191

#1	5.252065	1.660831	.0507972	.0005555	1.129952	.6813908	-.001162
#2	5.214930	1.656528	.0532844	.0009434	1.138332	.7006349	-.002603
#3	5.121363	1.671451	.0514798	.0012800	1.149411	.6821607	-.002684

Sample Name: K2745-17LX5 Acquired: 05/10/2019 16:24:54 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0H47L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3996980	.0254006	.3285231
Stddev	.0038545	.0014781	.0005268
%RSD	.9643514	5.819143	.1603581

#1	.3997804	.0270582	.3287908
#2	.4035106	.0249236	.3288623
#3	.3958030	.0242198	.3279162

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2795.939	3825.700	58255.59	12091.59	4730.787
Stddev	15.524	2.298	243.29	167.73	8.039
%RSD	.5552256	.0600723	.4176176	1.387146	.1699248

#1	2778.210	3827.306	57978.94	12187.50	4721.778
#2	2802.517	3823.067	58436.16	11897.91	4737.228
#3	2807.092	3826.726	58351.69	12189.35	4733.353

Sample Name: K2745-19 Acquired: 05/10/2019 16:21:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0H47S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3195575	.1113528	3.884036	-.001459	.0668499	71.81251	5.262902
Stddev	.0044286	.0022834	.011120	.001314	.0007112	.10479	.002740
%RSD	1.385841	2.050614	.2862876	90.05605	1.063945	.1459264	.0520650

#1	.3152396	.1113962	3.872593	-.000073	.0671446	71.81582	5.262349
#2	.3240890	.1136143	3.884714	-.002687	.0673664	71.70610	5.260480
#3	.3193438	.1090480	3.894801	-.001617	.0660386	71.91561	5.265876

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0930776	.1967802	501.6294	.4484405	1.062803	1.915197	123.5018
Stddev	.0007251	.0007056	2.2175	.0010802	.001691	.007719	.3855
%RSD	.7790402	.3585685	.4420535	.2408820	.1591066	.4030397	.3121809

#1	.0936840	.1959727	501.0530	.4473359	1.061130	1.908701	123.4552
#2	.0922744	.1972777	499.7571	.4484911	1.062768	1.913160	123.1417
#3	.0932743	.1970904	504.0782	.4494945	1.064512	1.923730	123.9085

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.549969	93.21917	1.104058	.1235819	2.766833	1.094597	3.550835
Stddev	.023464	.11524	.003075	.0009560	.257322	.003323	.017535
%RSD	.5157013	.1236206	.2784760	.7736020	9.300224	.3036129	.4938140

#1	4.542686	93.24998	1.100512	.1234394	3.063476	1.098365	3.530595
#2	4.531010	93.09165	1.105971	.1246012	2.633226	1.093340	3.560517
#3	4.576211	93.31586	1.105692	.1227051	2.603796	1.092085	3.561395

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.70758	7.699516	.2233396	.0061677	5.208517	8.446186	.0174602
Stddev	.05874	.028895	.0010107	.0000528	.015992	.027227	.0015973
%RSD	.2586650	.3752839	.4525630	.8562109	.3070400	.3223586	9.148013

#1	22.64041	7.675728	.2244778	.0062241	5.196096	8.466605	.0156266
#2	22.74929	7.691149	.2229944	.0061195	5.202895	8.415273	.0185495
#3	22.73305	7.731672	.2225467	.0061595	5.226561	8.456678	.0182044

Sample Name: K2745-19 Acquired: 05/10/2019 16:21:03 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0H47S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.462900	.1390310	1.439937
Stddev	.008566	.0024247	.000920
%RSD	.5855230	1.744013	.0639175

#1	1.467660	.1389541	1.438965
#2	1.453012	.1414933	1.440050
#3	1.468029	.1366457	1.440796

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2917.931	3955.285	61717.26	12895.76	4384.701
Stddev	19.744	7.403	381.65	51.34	4.459
%RSD	.6766576	.1871736	.6183804	.3981276	.1017008

#1	2916.125	3947.519	61653.25	12843.38	4384.978
#2	2899.152	3962.262	61371.66	12897.89	4389.015
#3	2938.517	3956.074	62126.86	12946.00	4380.109

Sample Name: K2745-04 Acquired: 05/10/2019 16:40:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0H34 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1659978	.0091999	3.295312	-.000025	.0293932	50.48940	1.175414
Stddev	.0021852	.0006605	.009529	.003431	.0025146	.22261	.002045
%RSD	1.316411	7.179436	.2891539	13460.98	8.555190	.4409030	.1739495

#1	.1635195	.0090030	3.284475	.003509	.0287201	50.27575	1.176421
#2	.1676479	.0099364	3.302378	-.003344	.0272836	50.72000	1.173061
#3	.1668258	.0086602	3.299083	-.000241	.0321759	50.47246	1.176760

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062117	.1326706	517.4123	.0620892	.0390214	5.522160	82.06564
Stddev	.0000629	.0002572	2.5115	.0006105	.0003046	.015159	.60309
%RSD	1.012875	.1938866	.4853996	.9832930	.7806380	.2745131	.7348871

#1	.0062321	.1325515	520.3023	.0627231	.0387062	5.504696	81.42392
#2	.0061412	.1324945	516.1760	.0615051	.0393142	5.531913	82.62072
#3	.0062620	.1329658	515.7585	.0620394	.0390436	5.529871	82.15228

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.499335	63.83050	.0765672	.0434385	.3115386	.1414887	2.714124
Stddev	.026386	.34378	.0007062	.0006272	.1076768	.0024621	.023242
%RSD	1.055709	.5385751	.9223850	1.443892	34.56290	1.740163	.8563217

#1	2.472964	63.55860	.0758165	.0439288	.1890194	.1438588	2.694891
#2	2.525735	64.21692	.0772185	.0427317	.3544657	.1389439	2.707532
#3	2.499306	63.71599	.0766666	.0436549	.3911305	.1416634	2.739950

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.85661	5.996423	.1486308	.0047161	4.848605	4.826969	.0517443
Stddev	.06663	.014426	.0014059	.0003502	.012291	.029468	.0008603
%RSD	.3355567	.2405808	.9458910	7.426434	.2534947	.6104816	1.662501

#1	19.88468	5.980046	.1470282	.0048744	4.842413	4.808839	.0521493
#2	19.90461	6.001974	.1496561	.0049593	4.840642	4.860971	.0523272
#3	19.78054	6.007250	.1492083	.0043147	4.862761	4.811098	.0507563

Sample Name: K2745-04 Acquired: 05/10/2019 16:40:50 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0H34 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.268881	.1063747	1.184155
Stddev	.011753	.0021451	.002319
%RSD	.9262489	2.016542	.1957955

#1	1.255672	.1062423	1.182080
#2	1.278182	.1085829	1.183726
#3	1.272788	.1042988	1.186658

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3003.375	4075.100	63582.76	13266.02	4460.174
Stddev	14.150	4.318	245.57	24.34	3.804
%RSD	.4711503	.1059573	.3862260	.1834950	.0852851

#1	3004.157	4070.672	63707.33	13290.85	4456.179
#2	3017.118	4075.328	63741.09	13242.19	4463.753
#3	2988.850	4079.298	63299.87	13265.01	4460.589

Sample Name: K2745-03 Acquired: 05/10/2019 16:36:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0H33 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2368577	.0198022	5.170807	-.002339	.0412149	70.51598	2.863900
Stddev	.0008764	.0005566	.007413	.000433	.0012342	.10011	.002440
%RSD	.3700150	2.810840	.1433605	18.50352	2.994611	.1419721	.0851822

#1	.2369309	.0193178	5.169505	-.002449	.0424294	70.49964	2.861231
#2	.2359470	.0204103	5.178784	-.002706	.0399619	70.42504	2.864455
#3	.2376952	.0196786	5.164130	-.001862	.0412534	70.62326	2.866014

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0061522	.2712521	638.7293	.0913431	.0727905	10.44451	121.8720
Stddev	.0000776	.0003501	6.9726	.0004823	.0000686	.01528	.5010
%RSD	1.261977	.1290766	1.091638	.5279645	.0942466	.1463433	.4111120

#1	.0061363	.2715717	642.9094	.0908986	.0728157	10.45458	122.4111
#2	.0060837	.2713066	630.6801	.0912748	.0728431	10.42692	121.4206
#3	.0062365	.2708778	642.5986	.0918559	.0727129	10.45202	121.7843

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.141038	107.6509	.2026021	.0575318	2.788722	.3605834	5.823659
Stddev	.018802	.2563	.0007270	.0002171	.132733	.0003532	.046264
%RSD	.4540316	.2380654	.3588101	.3773549	4.759622	.0979570	.7944135

#1	4.156154	107.8892	.2018322	.0573498	2.918623	.3602730	5.846168
#2	4.119984	107.3798	.2032768	.0577721	2.794214	.3609677	5.770448
#3	4.146976	107.6836	.2026973	.0574736	2.653328	.3605095	5.854362

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	31.46486	12.14523	.3104194	.0097488	8.712448	9.816339	.0775939
Stddev	.10476	.02466	.0007772	.0002669	.003885	.019553	.0005134
%RSD	.3329294	.2030361	.2503730	2.738056	.0445967	.1991885	.6616664

#1	31.51721	12.17311	.3112986	.0094467	8.712496	9.797194	.0779512
#2	31.53312	12.13628	.3098236	.0099529	8.708539	9.836276	.0778250
#3	31.34425	12.12629	.3101361	.0098468	8.716310	9.815545	.0770056

Sample Name: K2745-03 Acquired: 05/10/2019 16:36:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0H33 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.246718	.1558500	2.222383
Stddev	.007978	.0010706	.005313
%RSD	.3551074	.6869555	.2390491

#1	2.247615	.1568408	2.223834
#2	2.238329	.1547143	2.226820
#3	2.254210	.1559949	2.216496

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2985.074	4005.635	63363.00	13237.35	4381.409
Stddev	19.551	10.319	342.81	50.33	13.286
%RSD	.6549514	.2576101	.5410319	.3801880	.3032464

#1	2968.192	3994.762	63005.31	13180.13	4368.469
#2	3006.495	4015.292	63688.69	13274.73	4380.741
#3	2980.534	4006.852	63394.99	13257.21	4395.017

Sample Name: K2745-05 Acquired: 05/10/2019 16:44:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0H35 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2023609	.0102272	2.697359	-.002647	.0251720	62.05863	2.113646
Stddev	.0022731	.0013916	.007698	.005114	.0017015	.23307	.002504
%RSD	1.123274	13.60684	.2853978	193.2069	6.759631	.3755617	.1184694

#1	.2039224	.0086264	2.699175	.002392	.0255658	61.87733	2.110772
#2	.2034073	.0109066	2.688916	-.007832	.0233081	62.32153	2.115356
#3	.1997531	.0111486	2.703988	-.002500	.0266422	61.97704	2.114810

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050636	.1330819	693.8999	.0574129	.0455601	4.150447	85.36781
Stddev	.0000703	.0002281	5.7417	.0003267	.0001055	.012167	.33795
%RSD	1.388853	.1713685	.8274512	.5690785	.2315988	.2931512	.3958803

#1	.0050014	.1329968	689.8218	.0573417	.0456546	4.139698	85.24167
#2	.0051399	.1329086	691.4120	.0571277	.0455795	4.163656	85.75069
#3	.0050494	.1333403	700.4660	.0577694	.0454462	4.147988	85.11106

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.671486	108.4461	.0857038	.0284032	1.224723	.1146285	2.998186
Stddev	.029000	.3338	.0003142	.0004219	.148845	.0011749	.013365
%RSD	.7898820	.3078372	.3665803	1.485548	12.15332	1.024938	.4457764

#1	3.655435	108.1731	.0860360	.0282176	1.396292	.1132847	3.009033
#2	3.704963	108.8183	.0854115	.0288861	1.130126	.1151396	3.002270
#3	3.654060	108.3469	.0856640	.0281058	1.147750	.1154613	2.983255

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.67254	15.10464	.2383024	.0038948	8.506357	4.657649	.0555841
Stddev	.04673	.03910	.0031800	.0001263	.025020	.022558	.0016798
%RSD	.2061209	.2588299	1.334432	3.242179	.2941346	.4843176	3.022123

#1	22.63066	15.06571	.2382100	.0037631	8.496903	4.631798	.0546193
#2	22.72295	15.10430	.2415276	.0039064	8.487441	4.673344	.0546091
#3	22.66402	15.14390	.2351697	.0040148	8.534727	4.667804	.0575237

Sample Name: K2745-05 Acquired: 05/10/2019 16:44:55 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0H35 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.077208	.1712935	1.972034
Stddev	.008744	.0020967	.000731
%RSD	.8117023	1.224062	.0370738

#1	1.071092	.1709134	1.971928
#2	1.087223	.1735543	1.971363
#3	1.073309	.1694129	1.972813

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2845.259	3868.643	60600.41	12663.09	4338.434
Stddev	18.241	3.571	339.79	65.38	3.780
%RSD	.6410949	.0922993	.5607081	.5162918	.0871299

#1	2825.564	3872.558	60301.17	12659.73	4341.153
#2	2848.642	3865.566	60530.25	12599.45	4340.033
#3	2861.572	3867.805	60969.80	12730.08	4334.118

Sample Name: K2745-06 Acquired: 05/10/2019 16:49:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0H36 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1671615	.0210357	2.610559	-.017903	.0226104	55.76803	.9181470
Stddev	.0017816	.0014740	.005050	.001674	.0021948	.22130	.0017468
%RSD	1.065816	7.007311	.1934561	9.352482	9.706944	.3968307	.1902471

#1	.1655587	.0217295	2.608544	-.016776	.0208889	55.66470	.9163210
#2	.1690798	.0193428	2.616305	-.017106	.0250818	55.61729	.9198019
#3	.1668461	.0220349	2.606827	-.019827	.0218605	56.02210	.9183180

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0042531	.1388307	108.2353	.1267654	.0589485	5.021481	147.0930
Stddev	.0001091	.0001415	.9635	.0007545	.0003187	.009773	.9605
%RSD	2.565891	.1018980	.8902259	.5952315	.5406414	.1946306	.6529775

#1	.0041300	.1386674	108.1504	.1273748	.0586819	5.011856	146.8599
#2	.0042918	.1389159	107.3170	.1259214	.0593015	5.021190	146.2706
#3	.0043377	.1389088	109.2385	.1270001	.0588621	5.031396	148.1486

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.902337	49.13482	.1099749	.0337449	.4918794	.2737467	2.486986
Stddev	.032022	.34465	.0002374	.0002594	.1976164	.0024642	.009582
%RSD	.8205905	.7014335	.2158730	.7686158	40.17579	.9001813	.3852958

#1	3.897200	49.07968	.1097029	.0340154	.3319042	.2715300	2.492164
#2	3.873194	48.82107	.1100815	.0337208	.7127861	.2764001	2.492864
#3	3.936617	49.50372	.1101402	.0334984	.4309478	.2733101	2.475929

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.52872	6.271482	.1841441	.0111107	3.300117	1.968161	.0724574
Stddev	.07128	.014291	.0002704	.0005091	.008874	.011256	.0016410
%RSD	.4312395	.2278754	.1468529	4.582353	.2689004	.5718908	2.264716

#1	16.45979	6.256824	.1838331	.0105260	3.297994	1.963648	.0741658
#2	16.52425	6.272247	.1843236	.0113497	3.292496	1.959862	.0708935
#3	16.60214	6.285376	.1842757	.0114563	3.309859	1.980973	.0723128

Sample Name: K2745-06 Acquired: 05/10/2019 16:49:00 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0H36 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.139900	.0796850	.3814698
Stddev	.011163	.0028663	.0006073
%RSD	.5216393	3.597014	.1591954

#1	2.137913	.0809842	.3809872
#2	2.129864	.0763993	.3812704
#3	2.151922	.0816717	.3821516

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3013.813	4095.100	62950.78	12975.62	4799.765
Stddev	7.998	.438	329.45	65.99	2.559
%RSD	.2653747	.0107056	.5233451	.5085463	.0533134

#1	3005.638	4095.393	62752.06	12956.78	4800.566
#2	3014.182	4094.596	63331.06	13048.98	4796.902
#3	3021.621	4095.312	62769.21	12921.11	4801.828

Sample Name: K2745-08 Acquired: 05/10/2019 16:56:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0H38 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1346542	.0115996	3.020199	.0036389	.0335278	61.40411	1.453453
Stddev	.0025654	.0022156	.003556	.0034400	.0027842	2.79565	.066756
%RSD	1.905181	19.10068	.1177491	94.53531	8.304012	4.552870	4.592935

#1	.1356474	.0100699	3.024294	.0061033	.0359449	59.95581	1.415685
#2	.1317406	.0141403	3.017887	.0051045	.0304835	64.62676	1.530531
#3	.1365745	.0105884	3.018416	-.000291	.0341550	59.62977	1.414143

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0044408	.1984539	192.0872	.0572553	.0528931	5.252940	90.15401
Stddev	.0001543	.0002001	8.4032	.0004810	.0003491	.250231	3.85918
%RSD	3.473526	.1008465	4.374701	.8400956	.6600949	4.763629	4.280657

#1	.0042644	.1986829	188.5133	.0568439	.0529945	5.109753	88.22294
#2	.0045505	.1983668	201.6866	.0571379	.0525045	5.541878	94.59755
#3	.0045074	.1983122	186.0616	.0577842	.0531804	5.107189	87.64153

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.650447	57.98909	.0928764	.0428740	.3495183	.0997043	2.597039
Stddev	.156989	2.35977	.0002106	.0002381	.2147647	.0034111	.047094
%RSD	4.300531	4.069331	.2267639	.5554274	61.44589	3.421210	1.813378

#1	3.587341	56.86317	.0931181	.0426557	.2939289	.0970750	2.591072
#2	3.829169	60.70094	.0927784	.0431279	.1680137	.1035588	2.646833
#3	3.534832	56.40316	.0927326	.0428383	.5866124	.0984791	2.553213

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.14364	8.273671	.2019970	.0075888	8.073638	8.289106	.0542875
Stddev	.77842	.017561	.0070547	.0002729	.026845	.228564	.0006324
%RSD	4.540559	.2122501	3.492498	3.596824	.3324958	2.757407	1.164895

#1	16.73267	8.293799	.1972123	.0075844	8.104616	8.142053	.0548323
#2	18.04141	8.261480	.2100989	.0078639	8.057187	8.552430	.0544361
#3	16.65684	8.265733	.1986797	.0073181	8.059112	8.172835	.0535940

Sample Name: K2745-08 Acquired: 05/10/2019 16:56:54 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0H38 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.298315	.1305665	.6574192
Stddev	.057925	.0065810	.0312295
%RSD	4.461538	5.040360	4.750316

#1	1.274092	.1278922	.6384289
#2	1.364419	.1380637	.6934626
#3	1.256433	.1257437	.6403662

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2960.473	4021.164	62172.62	12640.68	4746.386
Stddev	20.385	9.198	285.21	357.52	2.253
%RSD	.6885683	.2287489	.4587340	2.828297	.0474760

#1	2942.443	4031.763	62064.21	12812.19	4748.558
#2	2956.385	4016.448	61957.51	12229.72	4744.059
#3	2982.593	4015.279	62496.13	12880.12	4746.540

Sample Name: K2745-07 Acquired: 05/10/2019 16:52:57 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0H37 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1308545	.0200248	2.385851	-.015827	.0208094	54.98956	.8225836
Stddev	.0026863	.0021378	.008495	.002237	.0018019	.09572	.0045776
%RSD	2.052922	10.67570	.3560612	14.13499	8.659104	.1740783	.5564947

#1	.1288092	.0176326	2.390383	-.014274	.0219081	54.89261	.8173073
#2	.1298576	.0206935	2.376051	-.018392	.0217902	54.99206	.8254959
#3	.1338968	.0217483	2.391120	-.014817	.0187298	55.08401	.8249475

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0042233	.1297197	82.14645	.1020661	.0655746	4.082255	151.4688
Stddev	.0001507	.0002265	.19600	.0007582	.0001614	.011967	.5057
%RSD	3.567091	.1745802	.2385980	.7428465	.2460677	.2931434	.3338339

#1	.0041882	.1296394	82.32981	.1024378	.0654966	4.069898	151.4700
#2	.0043884	.1295443	81.93988	.1011938	.0654672	4.083080	150.9626
#3	.0040933	.1299754	82.16964	.1025667	.0657602	4.093789	151.9739

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.080797	42.67449	.0926702	.0235881	.3408195	.3189866	2.530179
Stddev	.007959	.14345	.0005684	.0003888	.1700685	.0009084	.020965
%RSD	.1950331	.3361536	.6133058	1.648316	49.89987	.2847697	.8286162

#1	4.087941	42.79616	.0922615	.0231802	.1718953	.3199807	2.539872
#2	4.072218	42.51631	.0924298	.0239544	.3385536	.3187796	2.506121
#3	4.082230	42.71099	.0933193	.0236299	.5120096	.3181997	2.544545

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.87662	5.590505	.1878290	.0110807	2.477779	3.056629	.0343041
Stddev	.04847	.022971	.0029907	.0004202	.008399	.010635	.0007430
%RSD	.2567732	.4109014	1.592256	3.792172	.3389668	.3479254	2.166056

#1	18.84299	5.613172	.1864183	.0111042	2.480206	3.053267	.0335638
#2	18.85470	5.567240	.1858045	.0114886	2.468434	3.068538	.0350499
#3	18.93218	5.591102	.1912641	.0106492	2.484697	3.048081	.0342986

Sample Name: K2745-07 Acquired: 05/10/2019 16:52:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0H37 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.305148	.0827241	.2970116
Stddev	.007109	.0009870	.0008330
%RSD	.2151001	1.193091	.2804659

#1	3.300923	.0830301	.2961193
#2	3.301165	.0816204	.2971466
#3	3.313356	.0835219	.2977688

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2982.265	4057.294	62318.95	12873.43	4772.729
Stddev	18.032	11.402	148.06	12.23	4.604
%RSD	.6046462	.2810165	.2375782	.0949789	.0964572

#1	2962.615	4069.645	62152.18	12876.83	4769.625
#2	2998.054	4055.065	62369.74	12883.59	4778.019
#3	2986.125	4047.171	62434.92	12859.86	4770.545

Sample Name: K2745-10 Acquired: 05/10/2019 17:04:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0H40 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2396380	.0100255	3.479634	.0041687	.0328091	62.34577
Stddev	.0045961	.0019420	.008232	.0032194	.0033582	.06107
%RSD	1.917934	19.37075	.2365850	77.22815	10.23566	.0979572

#1	.2439514	.0107798	3.481197	.0064773	.0339432	62.28320
#2	.2348036	.0078195	3.470732	.0055377	.0354534	62.40523
#3	.2401591	.0114772	3.486972	.0004910	.0290306	62.34888

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.116369	.0051149	.1231150	F 941.7458	.0608332	.0442231
Stddev	.002400	.0000839	.0002281	4.4659	.0005614	.0004573
%RSD	.1133954	1.639253	.1853074	.4742175	.9228072	1.034084

#1	2.118943	.0052113	.1228684	937.1959	.0601868	.0441982
#2	2.114194	.0050744	.1231578	946.1227	.0611135	.0437787
#3	2.115968	.0050590	.1233186	941.9187	.0611992	.0446923

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.784746	87.09950	3.601196	133.6882	.0929802	.0518589
Stddev	.019039	.25595	.012203	.5414	.0003657	.0004176
%RSD	.2167256	.2938537	.3388600	.4049404	.3932944	.8053393

#1	8.765965	86.95552	3.597950	133.3096	.0932362	.0521693
#2	8.804032	87.39500	3.614694	134.3082	.0931431	.0520233
#3	8.784240	86.94797	3.590944	133.4467	.0925614	.0513841

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.019096	.1250927	2.020870	20.47397	10.91922	.2575828
Stddev	.309254	.0012682	.005907	.05269	.03945	.0015573
%RSD	15.31646	1.013797	.2923146	.2573519	.3612993	.6045952

#1	2.102636	.1265564	2.025578	20.48600	10.88477	.2558975
#2	1.676654	.1243225	2.014242	20.41630	10.91064	.2589688
#3	2.277998	.1243991	2.022791	20.51960	10.96226	.2578819

Sample Name: K2745-10 Acquired: 05/10/2019 17:04:56 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0H40 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0051262	8.659301	9.070700	.0724508	1.266568	.1969013
Stddev	.0001483	.034623	.019419	.0004320	.003423	.0023182
%RSD	2.893754	.3998402	.2140812	.5963087	.2702859	1.177321

#1	.0049620	8.654333	9.062010	.0723757	1.270521	.1981418
#2	.0051662	8.627430	9.092946	.0729154	1.264585	.1983353
#3	.0052505	8.696140	9.057144	.0720612	1.264599	.1942269

Elem	Sr4077
Units	ppm
Avg	2.553243
Stddev	.003563
%RSD	.1395458

#1	2.549525
#2	2.556628
#3	2.553577

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2822.753	3799.862	60167.84	12600.06	4229.950
Stddev	8.571	8.398	236.44	33.38	4.846
%RSD	.3036458	.2210050	.3929634	.2649504	.1145619

#1	2820.538	3803.680	60397.90	12636.95	4235.498
#2	2832.214	3790.234	59925.50	12571.91	4226.546
#3	2815.507	3805.674	60180.12	12591.33	4227.805

Sample Name: K2745-09 Acquired: 05/10/2019 17:00:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0H39 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1220012	.0128002	1.838191	-.003900	.0168382	58.55649	1.761580
Stddev	.0015130	.0025327	.006718	.003098	.0003487	.17574	.006408
%RSD	1.240118	19.78624	.3654628	79.43006	2.070980	.3001157	.3637705

#1	.1209278	.0156768	1.842231	-.006481	.0172040	58.46027	1.758121
#2	.1237316	.0109052	1.830437	-.000465	.0165096	58.44987	1.757645
#3	.1213442	.0118188	1.841907	-.004755	.0168009	58.75932	1.768974

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052435	.1151537	653.0266	.0535713	.0385571	3.570405	81.06497
Stddev	.0000457	.0001334	2.7964	.0003988	.0001243	.017643	.33881
%RSD	.8711508	.1158659	.4282270	.7443568	.3224821	.4941334	.4179454

#1	.0052074	.1152934	654.7103	.0539881	.0384730	3.571237	80.93948
#2	.0052283	.1150276	649.7985	.0535325	.0384983	3.552361	80.80682
#3	.0052949	.1151400	654.5709	.0531934	.0386999	3.587617	81.44862

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.892243	95.26627	.0773598	.0253267	1.194660	.0997741	1.799972
Stddev	.028927	.28968	.0005009	.0000351	.218249	.0008266	.005254
%RSD	.7431870	.3040730	.6475097	.1385129	18.26868	.8284244	.2919122

#1	3.882334	95.00602	.0774952	.0252917	1.413581	.0989753	1.800749
#2	3.869573	95.21443	.0768051	.0253618	.977090	.0997211	1.804795
#3	3.924822	95.57837	.0777791	.0253267	1.193308	.1006258	1.794373

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.18417	11.95676	.2119956	.0027877	7.836155	6.411605	.0330756
Stddev	.12250	.00866	.0026200	.0001216	.014159	.038340	.0011540
%RSD	.5283647	.0724549	1.235892	4.361361	.1806889	.5979738	3.489011

#1	23.08959	11.95930	.2137396	.0029262	7.850584	6.451675	.0335749
#2	23.14038	11.94711	.2089827	.0027385	7.822282	6.375268	.0338960
#3	23.32255	11.96388	.2132645	.0026985	7.835601	6.407871	.0317561

Sample Name: K2745-09 Acquired: 05/10/2019 17:00:50 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0H39 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.016187	.1593324	1.726136
Stddev	.006362	.0023088	.004790
%RSD	.6260748	1.449012	.2775044

#1	1.013886	.1567666	1.725421
#2	1.011296	.1599888	1.721744
#3	1.023380	.1612420	1.731243

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2905.260	3916.361	61890.26	12795.53	4408.682
Stddev	6.364	12.395	195.73	58.00	4.387
%RSD	.2190538	.3164977	.3162465	.4532493	.0995164

#1	2898.471	3923.424	61855.60	12748.07	4413.459
#2	2906.220	3902.049	61714.19	12860.18	4404.833
#3	2911.090	3923.610	62101.01	12778.35	4407.753

Sample Name: K2745-11 Acquired: 05/10/2019 17:09:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0H41 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1786900	.0119014	3.389290	-.007402	.0306216	50.78192	1.551565
Stddev	.0006218	.0009527	.011099	.002933	.0024703	.15326	.002953
%RSD	.3479490	8.005130	.3274712	39.62394	8.067027	.3018024	.1903514

#1	.1786705	.0116453	3.379637	-.008601	.0319117	50.95833	1.553233
#2	.1780783	.0111029	3.401417	-.009547	.0277734	50.70594	1.553307
#3	.1793213	.0129560	3.386814	-.004060	.0321798	50.68150	1.548155

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0044914	.1564742	620.2713	.0796590	.0480138	8.357593	101.9401
Stddev	.0000756	.0002162	6.0330	.0005747	.0006800	.012584	.4946
%RSD	1.683439	.1381873	.9726432	.7214464	1.416336	.1505738	.4851944

#1	.0044087	.1562768	617.0632	.0793462	.0478081	8.346595	102.4431
#2	.0045571	.1564404	627.2305	.0793085	.0474603	8.371317	101.4543
#3	.0045084	.1567053	616.5200	.0803222	.0487729	8.354868	101.9228

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.098396	100.1919	.0860279	.0349062	1.609322	.1842899	16.02754
Stddev	.031674	.6092	.0004619	.0010217	.242153	.0028027	.04206
%RSD	.7728496	.6080300	.5369099	2.927079	15.04692	1.520815	.2623982

#1	4.128089	100.7879	.0855155	.0339146	1.845279	.1862868	16.04348
#2	4.065056	99.5703	.0864122	.0359556	1.621272	.1810858	16.05929
#3	4.102045	100.2174	.0861560	.0348484	1.361415	.1854970	15.97984

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.23831	11.35122	.2365859	.0066694	7.618183	6.542307	.0615169
Stddev	.07564	.01001	.0031580	.0002956	.015314	.013743	.0010779
%RSD	.3737320	.0881993	1.334829	4.432509	.2010195	.2100643	1.752189

#1	20.22516	11.34175	.2400896	.0063481	7.601231	6.548067	.0612368
#2	20.31966	11.36170	.2339586	.0067301	7.631016	6.526621	.0627072
#3	20.17011	11.35023	.2357096	.0069299	7.622302	6.552233	.0606068

Sample Name: K2745-11 Acquired: 05/10/2019 17:09:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0H41 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.090774	.1403334	1.833054
Stddev	.012376	.0001779	.000347
%RSD	.5919493	.1267798	.0189151

#1	2.104390	.1405074	1.833418
#2	2.080207	.1401518	1.832728
#3	2.087726	.1403411	1.833015

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2876.327	3884.664	60999.50	12695.99	4419.251
Stddev	3.573	2.883	279.00	38.67	.658
%RSD	.1242177	.0742035	.4573832	.3046158	.0148840

#1	2880.372	3881.524	61274.51	12690.89	4418.499
#2	2873.600	3887.190	61007.32	12736.96	4419.723
#3	2875.010	3885.278	60716.68	12660.11	4419.530

Sample Name: K2745-12 Acquired: 05/10/2019 17:13:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0H42 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2218633	.0115190	1.937712	-.015145	.0169534	77.53899
Stddev	.0015712	.0026339	.005969	.000995	.0019494	.02019
%RSD	.7081740	22.86609	.3080581	6.567719	11.49847	.0260393

#1	.2234461	.0135987	1.937019	-.016290	.0147587	77.55553
#2	.2203040	.0124011	1.932119	-.014651	.0184838	77.51649
#3	.2218398	.0085572	1.943997	-.014494	.0176177	77.54496

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.135441	.0060522	.0689278	F 939.3166	.0834694	.0569040
Stddev	.002246	.0000679	.0001728	6.7298	.0006683	.0001354
%RSD	.1051797	1.121562	.2506343	.7164618	.8006898	.2379501

#1	2.138005	.0060132	.0687442	944.8070	.0838945	.0568574
#2	2.134494	.0061306	.0689519	941.3340	.0838146	.0567981
#3	2.133823	.0060128	.0690872	931.8088	.0826990	.0570566

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.789564	137.9584	4.897047	135.5745	.0878994	.0076514
Stddev	.003230	.2687	.008410	.1965	.0008054	.0001765
%RSD	.1157913	.1947918	.1717329	.1449047	.9163099	2.307148

#1	2.792911	138.1156	4.900839	135.7881	.0869914	.0076711
#2	2.786466	138.1114	4.902894	135.5340	.0885277	.0078172
#3	2.789314	137.6481	4.887409	135.4015	.0881791	.0074658

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.305777	.2837725	1.930504	25.85641	8.955054	.3014234
Stddev	.053909	.0051166	.013004	.09786	.017176	.0012594
%RSD	2.338011	1.803053	.6736167	.3784743	.1918033	.4178231

#1	2.281511	.2799753	1.927736	25.92005	8.936950	.3018999
#2	2.367555	.2895909	1.919106	25.90546	8.971121	.3023750
#3	2.268266	.2817512	1.944669	25.74373	8.957090	.2999952

Sample Name: K2745-12 Acquired: 05/10/2019 17:13:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0H42 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0129842	6.746465	3.276862	.0264063	2.357374	.2145629
Stddev	.0002129	.027772	.015314	.0010918	.005508	.0021103
%RSD	1.639550	.4116481	.4673343	4.134767	.2336584	.9835124

#1	.0127537	6.721653	3.292097	.0273422	2.352790	.2127239
#2	.0131734	6.741279	3.277018	.0266698	2.355847	.2168669
#3	.0130256	6.776465	3.261470	.0252068	2.363485	.2140979

Elem	Sr4077
Units	ppm
Avg	2.608993
Stddev	.006746
%RSD	.2585607

#1	2.614445
#2	2.611085
#3	2.601449

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2821.379	3810.541	60003.04	12682.67	4140.559
Stddev	16.884	7.700	191.93	27.38	5.352
%RSD	.5984200	.2020765	.3198657	.2158529	.1292468

#1	2815.474	3819.202	60090.80	12657.34	4144.811
#2	2840.421	3807.952	60135.40	12678.97	4142.315
#3	2808.240	3804.469	59782.92	12711.71	4134.550

Sample Name: K2745-13 Acquired: 05/10/2019 17:17:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0H43 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1815044	.0027887	.7414599	-.006061	.0113108	68.02736
Stddev	.0048831	.0011494	.0025428	.003218	.0027898	.22207
%RSD	2.690371	41.21735	.3429488	53.09191	24.66504	.3264381

#1	.1762654	.0033675	.7414577	-.009639	.0089375	67.78361
#2	.1859294	.0035336	.7389181	-.003405	.0143839	68.08030
#3	.1823185	.0014649	.7440037	-.005139	.0106110	68.21817

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.838515	.0055942	.0360602	F 1510.382	.0559117	.0428871
Stddev	.005084	.0000571	.0000818	11.854	.0004264	.0003086
%RSD	.1791239	1.020702	.2267448	.7848380	.7625702	.7194951

#1	2.836307	.0056054	.0359670	1497.434	.0563883	.0429578
#2	2.834908	.0056448	.0361198	1513.011	.0555666	.0431542
#3	2.844330	.0055323	.0360938	1520.701	.0557802	.0425494

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.713719	88.18833	4.180604	210.7768	.0734944	.0016934
Stddev	.006970	.40371	.018266	.8964	.0004627	.0003858
%RSD	.2568431	.4577807	.4369223	.4252966	.6295521	22.78129

#1	2.707028	87.78853	4.159771	209.9250	.0733474	.0021181
#2	2.713190	88.18062	4.193877	210.6935	.0740127	.0013647
#3	2.720938	88.59584	4.188163	211.7120	.0731230	.0015975

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.521841	.1809056	.9748719	27.56704	9.211939	.3641513
Stddev	.280985	.0026059	.0129642	.08557	.019407	.0039682
%RSD	7.978363	1.440491	1.329840	.3103938	.2106703	1.089703

#1	3.292813	.1780090	.9861653	27.47074	9.209725	.3595868
#2	3.437327	.1830598	.9607154	27.63432	9.232357	.3667805
#3	3.835383	.1816480	.9777349	27.59607	9.193734	.3660866

Sample Name: K2745-13 Acquired: 05/10/2019 17:17:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0H43 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0058594	10.53650	8.272803	.0069150	1.337656	.3020152
Stddev	.0007359	.02117	.073532	.0003672	.008117	.0035861
%RSD	12.56019	.2009125	.8888443	5.310160	.6068031	1.187379

#1	.0052211	10.54041	8.188468	.0073153	1.330781	.2983134
#2	.0056926	10.55544	8.323498	.0065938	1.346611	.3022591
#3	.0066644	10.51364	8.306444	.0068358	1.335578	.3054731

Elem	Sr4077
Units	ppm
Avg	4.314467
Stddev	.030839
%RSD	.7147869

#1	4.285561
#2	4.310909
#3	4.346931

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2720.786	3652.393	58189.98	12274.85	3920.626
Stddev	17.205	6.548	369.04	81.75	7.594
%RSD	.6323601	.1792722	.6342040	.6660297	.1936952

#1	2714.281	3658.213	58012.49	12368.21	3928.597
#2	2740.296	3653.662	58614.23	12240.28	3919.803
#3	2707.782	3645.304	57943.20	12216.06	3913.476

Sample Name: K2715-01A Acquired: 05/10/2019 17:25:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MDB7T5A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0034867	.0021566	.0036084	.0683476	-.001638	-.066397	.0445214
Stddev	.0025976	.0022409	.0007137	.0013556	.000359	.004594	.0007467
%RSD	74.50152	103.9087	19.77808	1.983407	21.93192	6.918734	1.677132

#1	.0039258	-.000429	.0038500	.0684831	-.001875	-.063593	.0437004
#2	.0006975	.003361	.0028053	.0696304	-.001813	-.063899	.0451599
#3	.0058368	.003537	.0041698	.0669294	-.001225	-.071699	.0447038

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001452	-.000025	256.9626	.0001346	-.001505	-.005617	6.220296
Stddev	.0000147	.000117	.9378	.0002191	.000361	.000839	.013767
%RSD	10.15693	463.0994	.3649471	162.8001	23.98211	14.93623	.2213184

#1	.0001302	-.000144	256.5841	-.000103	-.001090	-.005976	6.206422
#2	.0001456	.000091	256.2733	.000329	-.001746	-.004658	6.220511
#3	.0001597	-.000024	258.0305	.000177	-.001679	-.006217	6.233953

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1321877	13.66041	.0031746	.0000462	16.47911	.0021839	.0079497
Stddev	.0009189	.05514	.0001087	.0005709	.19649	.0015466	.0001105
%RSD	.6951555	.4036776	3.423221	1235.801	1.192337	70.81775	1.390273

#1	.1321257	13.59770	.0032147	-.000608	16.53847	.0018024	.0078355
#2	.1313014	13.70134	.0032575	.000443	16.25979	.0038856	.0080561
#3	.1331361	13.68220	.0030515	.000303	16.63908	.0008638	.0079576

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9801178	.2695811	.3684107	-.001143	84.20594	26.27214	-.009176
Stddev	.0626989	.0021086	.0035330	.000265	.20279	.15913	.001278
%RSD	6.397075	.7821705	.9589736	23.15639	.2408215	.6057018	13.92804

#1	.9254209	.2674327	.3724528	-.001403	84.20971	26.44197	-.009711
#2	.9663891	.2696630	.3668671	-.001152	84.00129	26.12648	-.007717
#3	1.048544	.2716475	.3659122	-.000874	84.40681	26.24797	-.010099

Sample Name: K2715-01A Acquired: 05/10/2019 17:25:31 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MDB7T5A Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.005090	-.013007	.3994347
Stddev	.000315	.001199	.0009888
%RSD	6.183430	9.216667	.2475563

#1	-.004794	-.011670	.3983875
#2	-.005054	-.013987	.3995641
#3	-.005421	-.013365	.4003524

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2830.492	3832.579	59061.42	11992.72	4863.969
Stddev	27.495	7.504	399.98	40.51	6.416
%RSD	.9714032	.1957917	.6772240	.3378157	.1319028

#1	2860.814	3840.458	59472.40	11986.25	4870.703
#2	2823.485	3825.517	59038.42	12036.08	4863.275
#3	2807.179	3831.763	58673.43	11955.83	4857.928

Sample Name: K2731-01A Acquired: 05/10/2019 17:29:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MDB7T4A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016945	.0019871	.0016623	.0713119	-.002136	-.006713	.0188657
Stddev	.0039969	.0018999	.0011850	.0015754	.000875	.001764	.0004177
%RSD	235.8818	95.61009	71.28406	2.209136	40.97803	26.27703	2.214134

#1	-.002899	.0027031	.0017404	.0715513	-.001672	-.007679	.0190105
#2	.004380	.0034249	.0028064	.0696306	-.001591	-.007782	.0191917
#3	.003602	-.000167	.0004403	.0727539	-.003146	-.004677	.0183948

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002119	-.000032	98.32745	-.000846	-.001134	-.008005	9.438338
Stddev	.0001240	.000047	.78673	.000229	.000327	.000509	.038195
%RSD	58.53926	146.4338	.8001103	27.06264	28.80043	6.357967	.4046814

#1	.0000693	.000014	99.16026	-.001058	-.001501	-.008087	9.479417
#2	.0002713	-.000080	98.22530	-.000877	-.000874	-.008468	9.431700
#3	.0002951	-.000031	97.59678	-.000603	-.001028	-.007460	9.403897

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0394100	4.314284	.0008151	-.000082	5.559275	.0013066	-.001296
Stddev	.0000753	.017985	.0002126	.000272	.163089	.0032492	.000687
%RSD	.1911469	.4168780	26.08992	332.6100	2.933646	248.6707	52.99414

#1	.0394631	4.322852	.0009218	-.000073	5.745124	.0007453	-.000945
#2	.0393238	4.293616	.0009532	-.000358	5.492677	.0047999	-.000856
#3	.0394431	4.326383	.0005702	.000185	5.440023	-.001625	-.002088

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.021276	.3106629	.1264268	-.001117	14.20955	9.284327	-.009282
Stddev	.049196	.0021039	.0024679	.000354	.06547	.074596	.000263
%RSD	4.817120	.6772145	1.952021	31.69863	.4607159	.8034653	2.830918

#1	1.044776	.3098574	.1260241	-.001430	14.13589	9.352218	-.009585
#2	1.054315	.3090808	.1241850	-.001189	14.26108	9.204472	-.009116
#3	.964737	.3130505	.1290713	-.000733	14.23169	9.296292	-.009146

Sample Name: K2731-01A Acquired: 05/10/2019 17:29:36 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MDB7T4A Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001744	-.019458	.1642364
Stddev	.000683	.002035	.0001852
%RSD	39.19581	10.45757	.1127698

#1	-.002533	-.021483	.1643810
#2	-.001345	-.017413	.1640276
#3	-.001354	-.019478	.1643005

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2855.659	3901.378	59362.35	12119.56	4977.167
Stddev	20.436	6.277	519.75	78.50	3.282
%RSD	.7156196	.1608899	.8755630	.6477147	.0659353

#1	2859.106	3897.741	59160.64	12030.39	4973.499
#2	2833.719	3908.626	58973.68	12150.07	4978.179
#3	2874.151	3897.767	59952.73	12178.22	4979.824

Sample Name: K2745-14 Acquired: 05/10/2019 17:33:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0H44 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2570575	.0169137	4.169304	-.015747	.0240542	76.71243	1.654621
Stddev	.0056677	.0019175	.001369	.002855	.0014988	.33543	.006007
%RSD	2.204844	11.33716	.0328396	18.13186	6.230724	.4372580	.3630403

#1	.2608388	.0152271	4.170827	-.018880	.0223462	76.32511	1.647926
#2	.2505409	.0189994	4.168176	-.013291	.0251496	76.90615	1.656401
#3	.2597929	.0165147	4.168910	-.015070	.0246668	76.90604	1.659537

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0067329	.1324177	531.7439	.1038532	.0665790	2.095804	145.5693
Stddev	.0002308	.0001060	2.0579	.0009413	.0002360	.004935	.9415
%RSD	3.428186	.0800404	.3870148	.9063483	.3545276	.2354494	.6467845

#1	.0065536	.1323022	529.7347	.1037757	.0668335	2.094308	144.5890
#2	.0069933	.1324404	531.6498	.1029530	.0665361	2.101313	146.4665
#3	.0066518	.1325105	533.8473	.1048308	.0663673	2.091790	145.6524

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.300530	99.03409	.1169211	.0280080	1.575780	.2997139	3.370350
Stddev	.040021	.72856	.0006888	.0002605	.086078	.0021384	.036936
%RSD	.9306138	.7356670	.5891114	.9302071	5.462551	.7134889	1.095915

#1	4.260760	98.26677	.1164267	.0281627	1.564180	.3000004	3.375252
#2	4.340798	99.71644	.1177079	.0281540	1.496090	.3016946	3.331208
#3	4.300031	99.11906	.1166288	.0277072	1.667069	.2974466	3.404591

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.00823	11.12313	.2394806	.0073804	5.916498	3.746742	.0270635
Stddev	.11892	.02005	.0034211	.0001803	.003002	.052466	.0024632
%RSD	.4953352	.1802965	1.428568	2.442794	.0507322	1.400314	9.101551

#1	23.88774	11.10327	.2384595	.0073804	5.917531	3.723290	.0269621
#2	24.12552	11.12276	.2366863	.0075606	5.913116	3.806844	.0295758
#3	24.01144	11.14337	.2432960	.0072001	5.918846	3.710093	.0246526

Sample Name: K2745-14 Acquired: 05/10/2019 17:33:41 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0H44 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.957969	.1521209	1.438694
Stddev	.012269	.0019355	.001578
%RSD	.6266290	1.272373	.1096956

#1	1.944180	.1499685	1.437252
#2	1.967678	.1526757	1.440380
#3	1.962050	.1537185	1.438450

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2927.471	3962.062	62066.63	12965.18	4367.700
Stddev	24.036	5.593	414.54	75.29	4.958
%RSD	.8210526	.1411565	.6678923	.5807011	.1135069

#1	2910.106	3957.724	61815.43	13005.21	4361.976
#2	2954.904	3968.374	62545.10	12878.33	4370.592
#3	2917.404	3960.088	61839.35	13011.99	4370.533

Sample Name: CCV011 Acquired: 05/10/2019 17:50:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV011 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.838047	5.070687	24.91210	5.020731	5.015543	395.9152
Stddev	.008925	.003261	.03810	.010244	.008434	1.3209
%RSD	.1844686	.0643203	.1529381	.2040308	.1681551	.3336257

#1	4.845110	5.069545	24.86817	5.009147	5.021119	397.2221
#2	4.828017	5.074366	24.93196	5.024449	5.005840	395.9427
#3	4.841015	5.068151	24.93616	5.028596	5.019669	394.5808

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.20153	.5072494	2.562150	412.1902	15.12985	2.556463
Stddev	.01002	.0071583	.003436	4.5901	.01087	.000742
%RSD	.0982276	1.411206	.1341177	1.113585	.0718707	.0290154

#1	10.20738	.5147856	2.558428	415.3818	15.13668	2.556408
#2	10.20725	.5064218	2.562820	414.2590	15.11731	2.555750
#3	10.18996	.5005408	2.565202	406.9298	15.13556	2.557231

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.30135	402.4978	15.39722	399.0806	2.549679	1.290962
Stddev	.02956	2.9376	.15716	2.2050	.004323	.002936
%RSD	.1931545	.7298320	1.020734	.5525098	.1695486	.2274281

#1	15.32527	405.5070	15.52942	401.1916	2.547896	1.293355
#2	15.31047	402.3489	15.43879	399.2580	2.546532	1.291846
#3	15.26831	399.6376	15.22345	396.7924	2.554608	1.287686

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	395.9580	2.556517	15.25318	154.6921	F 4.293826	5.019927
Stddev	2.0128	.007902	.16676	.4866	.009913	.063357
%RSD	.5083309	.3091060	1.093288	.3145406	.2308643	1.262106

#1	398.2100	2.565335	15.17279	155.0447	4.304968	5.086353
#2	395.3297	2.554142	15.14184	154.8946	4.290529	5.013262
#3	394.3343	2.550075	15.44491	154.1370	4.285982	4.960167

Sample Name: CCV011 Acquired: 05/10/2019 17:50:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV011 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.636641	F 4.304801	4.647030	4.757811	4.747329	5.199418
Stddev	.005681	.003814	.071391	.008153	.029860	.046353
%RSD	.1225263	.0885881	1.536273	.1713687	.6289870	.8915088
#1	4.641093	4.309096	4.719582	4.762300	4.769569	5.240093
#2	4.630242	4.301813	4.644649	4.748399	4.759027	5.209210
#3	4.638587	4.303494	4.576860	4.762733	4.713391	5.148951

Elem	Sr4077
Units	ppm
Avg	5.086410
Stddev	.081842
%RSD	1.609035
#1	5.176307
#2	5.016222
#3	5.066702

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2449.366	3299.210	53472.36	11130.41	3902.533
Stddev	13.617	1.573	18.89	133.26	5.272
%RSD	.5559298	.0476660	.0353224	1.197231	.1350963
#1	2448.512	3301.023	53493.64	10991.10	3907.865
#2	2463.390	3298.392	53465.87	11143.48	3897.323
#3	2436.197	3298.215	53457.57	11256.65	3902.411

Sample Name: PB119571BS Acquired: 05/10/2019 17:46:19 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: LCS571 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0174464	.0516822	.0185929	.0694563	.1244731	.3746821
Stddev	.0018216	.0012174	.0010053	.0015684	.0019085	.0057425
%RSD	10.44120	2.355525	5.407115	2.258061	1.533255	1.532644

#1	.0190295	.0529163	.0191238	.0680109	.1234726	.3709623
#2	.0178544	.0504823	.0174334	.0692341	.1266738	.3812959
#3	.0154554	.0516479	.0192214	.0711239	.1232728	.3717881

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3865296	.0099494	.0108166	9.981824	.0203014	.0944401
Stddev	.0003717	.0000118	.0000654	.113763	.0002925	.0002770
%RSD	.0961512	.1183193	.6048122	1.139698	1.440744	.2932874

#1	.3862885	.0099628	.0108490	9.850751	.0202675	.0943350
#2	.3869576	.0099409	.0107413	10.05490	.0200274	.0942311
#3	.3863427	.0099444	.0108595	10.03982	.0206094	.0947543

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0465838	.1968000	.0314585	9.647566	.0802917	.0199439
Stddev	.0026451	.0118457	.0007872	.088958	.0002963	.0005349
%RSD	5.678096	6.019176	2.502511	.9220765	.3690426	2.682032

#1	.0455871	.1839546	.0306088	9.548762	.0799495	.0193679
#2	.0445819	.2072930	.0316036	9.721297	.0804664	.0204250
#3	.0495824	.1991525	.0321631	9.672638	.0804590	.0200389

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.385182	.1033052	.1206452	9.240545	.0147579	F .0183313
Stddev	.467723	.0046975	.0004685	.071140	.0009143	.0006477
%RSD	4.983630	4.547243	.3883141	.7698723	6.195444	3.533163

#1	8.927797	.1076370	.1205658	9.259773	.0141602	.0189244
#2	9.365152	.0983120	.1202214	9.300096	.0143031	.0176402
#3	9.862599	.1039664	.1211483	9.161768	.0158105	.0184292

Sample Name: PB119571BS Acquired: 05/10/2019 17:46:19 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: LCS571 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0234746	.1406483	.2067006	.0112687	.2474601	F .0817139
Stddev	.0001578	.0031938	.0011739	.0002198	.0018382	.0014395
%RSD	.6724451	2.270804	.5679247	1.950855	.7428386	1.761607

#1	.0235746	.1373960	.2080447	.0110238	.2453564	.0801223
#2	.0235565	.1437803	.2058765	.0114488	.2482676	.0829248
#3	.0232926	.1407686	.2061805	.0113337	.2487564	.0820947

Elem	Sr4077
Units	ppm
Avg	.1977067
Stddev	.0002648
%RSD	.1339310

#1	.1974989
#2	.1980048
#3	.1976162

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2755.376	3787.174	57208.51	11788.13	4837.508
Stddev	20.587	11.799	368.24	57.95	11.224
%RSD	.7471552	.3115441	.6436763	.4916154	.2320185

#1	2775.564	3782.544	57610.31	11845.40	4841.434
#2	2734.412	3800.586	56887.12	11729.51	4846.242
#3	2756.151	3778.393	57128.11	11789.47	4824.848

Sample Name: CCB011 Acquired: 05/10/2019 17:54:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCB011 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002022	.0009658	.0004753	.0024821	-.001955	.0184280	-.000926
Stddev	.002362	.0010444	.0008552	.0032051	.001687	.0079624	.000487
%RSD	116.8214	108.1426	179.9279	129.1299	86.32260	43.20832	52.58297

#1	-.004448	-.000072	.0013310	.0061646	-.000455	.0264031	-.000396
#2	-.001887	.000953	-.000379	.0003216	-.003782	.0104783	-.001029
#3	.000270	.002017	.000474	.0009601	-.001628	.0184027	-.001353

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000791	-.000079	-.009665	.0001199	-.000151	.0081089	.0053212
Stddev	.0000758	.000083	.008249	.0005328	.000358	.0020793	.0023943
%RSD	95.93437	104.5146	85.35341	444.3850	237.6229	25.64228	44.99552

#1	.0001500	-.000117	-.002628	.0005471	-.000551	.0084353	.0053593
#2	-.000001	.000016	-.018744	-.000477	-.000044	.0100057	.0076962
#3	.000088	-.000138	-.007623	.000290	.000142	.0058857	.0029081

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004508	.0033995	-.000015	.0005430	-.243142	.0026546	.0027333
Stddev	.0002214	.0129407	.000390	.0002964	.247539	.0007165	.0018710
%RSD	49.10198	380.6691	2553.798	54.58268	101.8082	26.99126	68.45414

#1	.0005579	.0145633	.000431	.0002471	-.463664	.0034216	.0016127
#2	.0005983	-.010784	-.000184	.0008398	-.290372	.0020024	.0048933
#3	.0001963	.006419	-.000293	.0005419	.024609	.0025397	.0016938

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001260	-.001158	.0032761	.0000165	-.005606	-.031593	-.002085
Stddev	.041248	.001065	.0027177	.0000565	.003084	.001825	.000437
%RSD	3272.462	91.93073	82.95468	342.8568	55.00887	5.775204	20.96638

#1	.020937	-.002351	.0064039	.0000174	-.008545	-.029611	-.001750
#2	.024136	-.000303	.0014909	.0000725	-.005876	-.033202	-.002579
#3	-.048854	-.000820	.0019337	-.000040	-.002396	-.031965	-.001925

Sample Name: CCB011 Acquired: 05/10/2019 17:54:18 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCB011 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0008014	-.007409	.0000829
Stddev	.0019562	.000717	.0000417
%RSD	244.0943	9.676559	50.39105

#1	.0028546	-.008202	.0000418
#2	-.001041	-.006807	.0001252
#3	.000590	-.007217	.0000816

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2759.251	3799.278	57097.02	11674.59	4820.839
Stddev	11.885	9.714	257.30	85.05	13.699
%RSD	.4307477	.2556849	.4506384	.7285337	.2841600

#1	2745.530	3788.680	56831.10	11591.96	4812.998
#2	2765.866	3807.760	57115.22	11761.87	4836.657
#3	2766.357	3801.392	57344.74	11669.95	4812.862