

Sample Name: S0 Acquired: 06/10/2019 11:55:27 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) 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	-.00038	-.00082	.00075	.00066	.00077	.00552	.00148	-.00270
Stddev	.00006	.00000	.00013	.00008	.00001	.00085	.00167	.00017
%RSD	15.840	.26331	17.642	12.722	.88758	15.450	113.17	6.4452
#1	-.00041	-.00081	.00076	.00073	.00078	.00456	.00335	-.00290
#2	-.00031	-.00082	.00087	.00069	.00078	.00617	.00094	-.00261
#3	-.00041	-.00082	.00061	.00057	.00077	.00584	.00014	-.00259
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	.00026	.00041	-.00000	-.00047	.00185	.00003	.00030	-.00015
Stddev	.00017	.00015	.00001	.00024	.00027	.00014	.00019	.00031
%RSD	65.537	37.883	204.58	51.390	14.612	419.04	63.951	198.58
#1	.00010	.00057	-.00000	-.00036	.00155	-.00000	.00012	.00014
#2	.00023	.00027	.00000	-.00031	.00190	.00018	.00028	-.00047
#3	.00044	.00038	-.00001	-.00075	.00208	-.00008	.00051	-.00013
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	-.00149	-.00079	-.00284	.00028	.00303	.02153	-.00070	.00381
Stddev	.00017	.00005	.00119	.00031	.00009	.00035	.00006	.00019
%RSD	11.197	6.1305	42.026	111.82	2.9825	1.6420	8.9960	4.9836
#1	-.00147	-.00082	-.00147	-.00008	.00302	.02141	-.00076	.00381
#2	-.00134	-.00081	-.00366	.00048	.00294	.02126	-.00064	.00362
#3	-.00167	-.00073	-.00340	.00044	.00312	.02193	-.00070	.00400
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	.00054	.00027	.00521	.00046	.00224	.00273	-.00082	
Stddev	.00016	.00006	.00023	.00018	.00058	.00084	.00081	
%RSD	28.968	21.223	4.3948	40.134	26.036	30.725	98.976	
#1	.00056	.00024	.00510	.00065	.00249	.00179	-.00170	
#2	.00037	.00034	.00548	.00028	.00157	.00340	-.00063	
#3	.00068	.00023	.00506	.00044	.00264	.00299	-.00012	

Sample Name: S0 Acquired: 06/10/2019 11:55:27 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) 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	2516.2	3560.4	56535.	8918.3	4309.2
Stddev	18.1	4.0	326.	33.1	10.4
%RSD	.72049	.11349	.57628	.37147	.24070
#1	2521.6	3560.8	56647.	8881.6	4312.1
#2	2496.0	3564.2	56168.	8946.1	4317.8
#3	2531.1	3556.2	56791.	8927.2	4297.7

Sample Name: S1 Acquired: 06/10/2019 11:59:34 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) 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	.00064	.00231	.00203	.00849	.01952	.66424	.01640
Stddev	.00008	.00010	.00001	.00007	.00010	.00019	.00482	.00009
%RSD	98.361	16.335	.52119	3.3959	1.1515	.94966	.72606	.52924

#1	.00000	.00073	.00230	.00195	.00839	.01942	.66822	.01649
#2	-.00009	.00066	.00232	.00208	.00849	.01974	.66563	.01640
#3	-.00016	.00053	.00231	.00207	.00859	.01941	.65888	.01632

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	.00993	.30469	.00153	.03500	.00731	.00317	.01138	.05024
Stddev	.00011	.00095	.00002	.00015	.00028	.00025	.00020	.00055
%RSD	1.1466	.31141	1.2836	.42927	3.7976	7.9470	1.7529	1.0966

#1	.00983	.30507	.00152	.03486	.00718	.00306	.01139	.05020
#2	.01005	.30538	.00152	.03498	.00713	.00346	.01157	.05082
#3	.00990	.30361	.00156	.03516	.00763	.00299	.01117	.04972

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	.02072	.00175	.01999	.00718	.02152	.11800	-.00030	.00649
Stddev	.00028	.00009	.00093	.00027	.00012	.00040	.00006	.00036
%RSD	1.3419	5.1292	4.6753	3.8106	.56208	.33792	19.505	5.5252

#1	.02102	.00185	.02063	.00740	.02166	.11763	-.00037	.00667
#2	.02067	.00168	.02041	.00687	.02143	.11795	-.00028	.00673
#3	.02047	.00171	.01891	.00727	.02148	.11842	-.00026	.00608

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	.00518	.00178	.03792	.00095	.05090	.03832	.74695	
Stddev	.00009	.00008	.00027	.00006	.00046	.00073	.00142	
%RSD	1.6821	4.7161	.71516	6.0640	.90488	1.8965	.19074	

#1	.00510	.00188	.03792	.00091	.05063	.03750	.74860	
#2	.00516	.00173	.03819	.00093	.05143	.03889	.74609	
#3	.00527	.00174	.03765	.00102	.05064	.03858	.74618	

Sample Name: S1 Acquired: 06/10/2019 11:59:34 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) 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	2506.3	3570.7	56287.	8932.1	4354.0
Stddev	21.7	8.6	425.	74.9	5.7
%RSD	.86494	.24067	.75467	.83858	.13020
#1	2481.3	3561.9	55828.	8908.8	4355.4
#2	2517.5	3570.9	56666.	8871.6	4358.9
#3	2520.0	3579.1	56368.	9015.8	4347.8

Sample Name: S2 Acquired: 06/10/2019 12:03:40 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) 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	.04258	.07265	.97382	.05089	.15453	2.6878	8.0707	.46599
Stddev	.00017	.00040	.00147	.00008	.00061	.0055	.0218	.00032
%RSD	.40277	.55145	.15146	.14901	.39281	.20554	.26994	.06969

#1	.04255	.07230	.97293	.05097	.15397	2.6918	8.0873	.46593
#2	.04277	.07257	.97300	.05082	.15517	2.6815	8.0460	.46569
#3	.04243	.07309	.97552	.05087	.15445	2.6902	8.0787	.46633

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	1.1836	3.5432	.52928	.43620	.73912	1.1026	2.5670	.59885
Stddev	.0019	.0137	.00124	.00102	.00120	.0045	.0061	.00214
%RSD	.16487	.38625	.23340	.23390	.16203	.40668	.23923	.35659

#1	1.1835	3.5430	.52815	.43505	.73788	1.1021	2.5666	.59881
#2	1.1817	3.5296	.52908	.43653	.73921	1.0983	2.5611	.59674
#3	1.1856	3.5570	.53060	.43701	.74027	1.1073	2.5733	.60101

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	.32571	.07167	.15880	.07781	1.1817	.73690	.04047	.39292
Stddev	.00097	.00030	.00136	.00015	.0063	.00110	.00019	.00043
%RSD	.29922	.41417	.85852	.19654	.53315	.14945	.47171	.10896

#1	.32520	.07195	.15918	.07771	1.1873	.73816	.04026	.39298
#2	.32510	.07169	.15729	.07774	1.1831	.73611	.04053	.39332
#3	.32683	.07135	.15994	.07799	1.1749	.73642	.04063	.39247

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	.56232	.02111	.43969	.11232	.59822	.85671	9.1838
Stddev	.00114	.00018	.00129	.00062	.00086	.00177	.0048
%RSD	.20233	.86002	.29262	.54852	.14373	.20690	.05254

#1	.56185	.02096	.43952	.11161	.59767	.85682	9.1875
#2	.56150	.02106	.43850	.11260	.59778	.85488	9.1783
#3	.56362	.02131	.44106	.11273	.59921	.85842	9.1855

Sample Name: S2 Acquired: 06/10/2019 12:03:40 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) 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	2411.8	3453.5	54744.	8871.2	4088.3
Stddev	14.2	5.6	131.	19.4	3.6
%RSD	.58866	.16127	.23843	.21845	.08762
#1	2396.3	3447.3	54602.	8871.6	4084.9
#2	2415.0	3458.2	54770.	8890.4	4092.1
#3	2424.2	3454.9	54860.	8851.6	4087.9

Sample Name: S3 Acquired: 06/10/2019 12:07:33 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) 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	.08554	.14549	1.9420	.09932	.30650	5.3747	16.063	.93009
Stddev	.00022	.00045	.0045	.00026	.00121	.0084	.048	.00260
%RSD	.26299	.30844	.23371	.26273	.39447	.15685	.30078	.27983

#1	.08528	.14519	1.9447	.09910	.30643	5.3832	16.106	.93164
#2	.08569	.14528	1.9368	.09926	.30533	5.3663	16.010	.93155
#3	.08564	.14601	1.9446	.09961	.30775	5.3745	16.073	.92709

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	2.3430	7.0548	1.0365	.87573	1.4616	2.1685	5.0540	1.1974
Stddev	.0029	.0251	.0015	.00085	.0016	.0055	.0180	.0019
%RSD	.12600	.35635	.14877	.09681	.10905	.25550	.35628	.15623

#1	2.3411	7.0838	1.0381	.87560	1.4615	2.1739	5.0723	1.1991
#2	2.3414	7.0400	1.0350	.87496	1.4632	2.1628	5.0363	1.1954
#3	2.3464	7.0406	1.0363	.87664	1.4601	2.1690	5.0536	1.1975

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	.65186	.14456	.31958	.15491	2.3446	1.4697	.08583	.79175
Stddev	.00110	.00016	.00109	.00012	.0095	.0026	.00030	.00116
%RSD	.16809	.11224	.33991	.07744	.40670	.17489	.34917	.14620

#1	.65125	.14440	.31904	.15505	2.3381	1.4698	.08551	.79249
#2	.65121	.14472	.32083	.15483	2.3402	1.4722	.08588	.79233
#3	.65313	.14456	.31886	.15486	2.3555	1.4670	.08610	.79041

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	1.1279	.04437	.84858	.22874	1.1921	1.7316	18.345
Stddev	.0020	.00041	.00156	.00025	.0027	.0059	.022
%RSD	.17614	.91410	.18359	.10914	.22952	.33929	.11743

#1	1.1262	.04463	.85038	.22887	1.1950	1.7372	18.368
#2	1.1273	.04390	.84758	.22846	1.1919	1.7255	18.344
#3	1.1301	.04457	.84779	.22890	1.1895	1.7320	18.324

Sample Name: S3 Acquired: 06/10/2019 12:07:33 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) 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	2354.9	3354.4	54012.	8730.5	3908.2
Stddev	7.9	5.0	51.	25.4	6.1
%RSD	.33374	.14865	.09490	.29044	.15515
#1	2362.7	3351.4	53993.	8709.6	3903.3
#2	2355.0	3360.1	53972.	8723.2	3915.0
#3	2347.0	3351.6	54070.	8758.7	3906.2

Sample Name: S4 Acquired: 06/10/2019 12:11:23 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: IR Corr. Factor: 1.000000
User: BIN H Custom ID1: S04 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.17292	.28879	3.9560	.19533	.61797	10.905	32.063	1.8338
Stddev	.00037	.00044	.0040	.00030	.00087	.028	.041	.0082
%RSD	.21301	.15266	.10149	.15301	.14025	.25668	.12753	.44918

#1	.17252	.28845	3.9514	.19507	.61698	10.898	32.065	1.8262
#2	.17301	.28929	3.9586	.19566	.61859	10.881	32.021	1.8327
#3	.17324	.28864	3.9580	.19528	.61833	10.935	32.103	1.8426

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.6833	14.056	2.0481	1.7682	2.9108	4.2511	9.9684	2.4134
Stddev	.0053	.052	.0023	.0016	.0061	.0128	.0396	.0083
%RSD	.11421	.36797	.11138	.08925	.20968	.30036	.39719	.34256

#1	4.6771	14.031	2.0456	1.7663	2.9073	4.2441	9.9463	2.4089
#2	4.6866	14.021	2.0499	1.7690	2.9071	4.2433	9.9449	2.4082
#3	4.6862	14.115	2.0490	1.7692	2.9178	4.2658	10.014	2.4229

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.3093	.29417	.64189	.30627	4.8061	2.9800	.21352	1.5787
Stddev	.0012	.00104	.00075	.00053	.0109	.0124	.00025	.0065
%RSD	.08810	.35495	.11759	.17264	.22767	.41550	.11507	.41377

#1	1.3086	.29437	.64103	.30575	4.8187	2.9684	.21356	1.5713
#2	1.3106	.29510	.64243	.30624	4.7999	2.9786	.21326	1.5814
#3	1.3087	.29304	.64220	.30681	4.7996	2.9930	.21374	1.5835

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.2667	.10982	1.6784	.46442	2.3712	3.5309	36.192
Stddev	.0052	.00031	.0129	.00143	.0048	.0065	.245
%RSD	.22903	.28577	.76731	.30765	.20177	.18290	.67825

#1	2.2610	.11018	1.6656	.46317	2.3714	3.5264	36.181
#2	2.2681	.10969	1.6783	.46412	2.3664	3.5281	35.952
#3	2.2711	.10959	1.6913	.46598	2.3759	3.5383	36.442

Sample Name: S4 Acquired: 06/10/2019 12:11:23 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: IR Corr. Factor: 1.000000
User: BIN H Custom ID1: S04 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2249.4	3209.5	52639.	8654.0	3671.3
Stddev	4.3	5.4	102.	36.9	3.7
%RSD	.19294	.16849	.19470	.42644	.10158
#1	2244.4	3215.6	52576.	8683.5	3675.6
#2	2251.4	3207.3	52583.	8665.7	3669.9
#3	2252.3	3205.5	52757.	8612.6	3668.5

Sample Name: S5 Acquired: 06/10/2019 12:15:18 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) 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	.34370	.54572	7.7389	.37333	1.2402	21.551	62.262	3.4784
Stddev	.00061	.00137	.0176	.00169	.0011	.021	.852	.0245
%RSD	.17658	.25131	.22739	.45164	.08508	.09791	1.3692	.70373

#1	.34304	.54550	7.7233	.37139	1.2394	21.574	63.202	3.4990
#2	.34424	.54446	7.7354	.37446	1.2414	21.533	61.539	3.4514
#3	.34383	.54718	7.7580	.37414	1.2399	21.546	62.046	3.4849

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	9.0215	27.154	3.9160	3.4840	5.6504	8.0722	19.148	4.7601
Stddev	.0146	.072	.0024	.0034	.0097	.0192	.057	.0090
%RSD	.16161	.26589	.06044	.09610	.17078	.23797	.29579	.18885

#1	9.0077	27.211	3.9137	3.4811	5.6535	8.0944	19.205	4.7705
#2	9.0202	27.178	3.9184	3.4831	5.6396	8.0618	19.149	4.7544
#3	9.0367	27.073	3.9160	3.4877	5.6581	8.0604	19.091	4.7555

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	2.5642	.59229	1.2574	.59533	9.6175	5.9362	.34873	3.0523
Stddev	.0036	.00166	.0009	.00210	.0696	.0048	.00094	.0292
%RSD	.13904	.27979	.07364	.35320	.72324	.08161	.26959	.95648

#1	2.5611	.59397	1.2565	.59644	9.5505	5.9410	.34793	3.0802
#2	2.5633	.59226	1.2584	.59291	9.6893	5.9313	.34850	3.0219
#3	2.5681	.59065	1.2573	.59665	9.6127	5.9363	.34977	3.0546

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	4.5122	.18177	3.1737	.91537	4.5752	6.8963	69.319
Stddev	.0061	.00047	.0257	.00272	.0025	.0364	.230
%RSD	.13537	.26114	.81110	.29686	.05488	.52845	.33165

#1	4.5057	.18125	3.2009	.91223	4.5744	6.9186	69.211
#2	4.5178	.18218	3.1496	.91679	4.5780	6.9160	69.583
#3	4.5130	.18187	3.1707	.91707	4.5731	6.8543	69.162

Sample Name: S5 Acquired: 06/10/2019 12:15:18 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) 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	2095.5	2995.7	50770.	8464.7	3407.4
Stddev	7.1	4.9	193.	62.7	5.4
%RSD	.34071	.16238	.37953	.74096	.15823
#1	2091.6	3001.3	50648.	8393.7	3412.5
#2	2091.2	2993.7	50670.	8512.7	3408.0
#3	2103.7	2992.2	50992.	8487.5	3401.7

Sample Name: S6 Acquired: 06/10/2019 12:19:21 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) 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	60.298	45.145	22.545	8.1136	3.7017
Stddev	.774	.434	.084	.0365	.0129
%RSD	1.2840	.96136	.37129	.45044	.34732

#1	59.800	44.733	22.526	8.1046	3.6963
#2	61.190	45.598	22.637	8.1538	3.7164
#3	59.904	45.103	22.473	8.0824	3.6925

Int. Std.	Y_3710
Units	Cts/S
Avg	8180.7
Stddev	71.6
%RSD	.87467

#1	8185.9
#2	8106.7
#3	8249.5

Sample Name: ICV Acquired: 06/10/2019 12:23:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.003313	1.085312	1.008688	1.069029	1.036098	2.346833
Stddev	.000829	.005659	.002145	.004036	.000760	.011376
%RSD	.0825963	.5214041	.2126394	.3775624	.0733250	.4847561

#1	1.002867	1.078811	1.006259	1.070825	1.036209	2.339027
#2	1.002803	1.087986	1.009488	1.064406	1.035289	2.341586
#3	1.004269	1.089138	1.010319	1.071855	1.036796	2.359886

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5291075	.5201690	.5173982	10.64217	.5219862	.5137808
Stddev	.0043372	.0013893	.0005308	.06404	.0006378	.0005803
%RSD	.8197241	.2670810	.1025929	.6017879	.1221925	.1129550

#1	.5335829	.5217055	.5173067	10.69136	.5213356	.5136003
#2	.5288165	.5190015	.5169191	10.66540	.5226104	.5144300
#3	.5249231	.5198000	.5179688	10.56975	.5220126	.5133122

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4992106	5.462896	.5291137	6.062968	.5291919	.5003030
Stddev	.0022373	.040929	.0029630	.075253	.0007855	.0033340
%RSD	.4481650	.7492217	.5599934	1.241186	.1484306	.6663952

#1	.4986708	5.510157	.5325301	6.145434	.5298046	.4977976
#2	.5016685	5.439346	.5275651	5.998019	.5294648	.5040870
#3	.4972927	5.439186	.5272458	6.045450	.5283064	.4990244

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.02941	.5328737	.9946828	9.849734	F .7358832	F .9049576
Stddev	.17881	.0045051	.0040748	.029304	.0068861	.0028079
%RSD	1.782819	.8454429	.4096553	.2975076	.9357643	.3102813

#1	9.83227	.5287552	.9982259	9.882614	.7426814	.9073663
#2	10.07486	.5321807	.9955925	9.840215	.7360558	.9056328
#3	10.18111	.5376852	.9902301	9.826373	.7289124	.9018736

Sample Name: ICV Acquired: 06/10/2019 12:23:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .8756093	F .0029589	F .8738893	F .8415426	F .8921264	F .0060334
Stddev	.0004355	.0069918	.0032987	.0034865	.0038177	.0009953
%RSD	.0497375	236.2957	.3774673	.4143021	.4279364	16.49588
#1	.8758808	-.003397	.8774879	.8451757	.8961486	.0069058
#2	.8758400	.010448	.8710090	.8382240	.8916779	.0049493
#3	.8751069	.001826	.8731710	.8412283	.8885528	.0062451

Elem	Sr4077
Units	ppm
Avg	F .0120922
Stddev	.0000821
%RSD	.6789312
#1	.0120604
#2	.0121855
#3	.0120308

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2526.313	3598.113	56503.33	8939.826	4349.856
Stddev	7.652	8.818	113.48	35.602	9.610
%RSD	.3029015	.2450745	.2008449	.3982432	.2209195
#1	2517.505	3591.214	56604.69	8905.383	4343.497
#2	2531.326	3608.048	56524.59	8976.484	4360.910
#3	2530.108	3595.079	56380.73	8937.611	4345.160

Sample Name: ICB Acquired: 06/10/2019 12:27:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) 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	-.000322	.0012360	-.001117	-.003563	-.000369	-.002288	-.000069
Stddev	.000986	.0012461	.000188	.000965	.001062	.003068	.000239
%RSD	305.9331	100.8187	16.86073	27.09761	287.7714	134.1291	346.7803

#1	.000793	.0000166	-.001017	-.003707	-.000155	-.004915	-.000182
#2	-.001079	.0011841	-.001000	-.002533	.000570	.001084	-.000231
#3	-.000681	.0025072	-.001334	-.004447	-.001522	-.003032	.000206

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000635	-.000059	-.013937	.0000785	.0004010	.0002999	.0048433
Stddev	.0000556	.000034	.012211	.0003003	.0001125	.0005539	.0063813
%RSD	87.67706	57.14341	87.61399	382.5364	28.05327	184.7395	131.7562

#1	.0001166	-.000086	.000041	-.000122	.0004348	.0003824	.0107248
#2	.0000057	-.000069	-.022528	-.000066	.0004928	.0008079	-.001942
#3	.0000681	-.000021	-.019323	.000424	.0002755	-.000291	.005747

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000950	-.002368	-.000150	.0000048	.1141058	.0011361	-.005336
Stddev	.0003814	.013825	.000198	.0001306	.2855395	.0018875	.001555
%RSD	401.5485	583.8137	131.8467	2700.596	250.2411	166.1473	29.13154

#1	.0000053	.009018	-.000255	.0000704	-.156558	.0003181	-.004539
#2	-.000234	.001629	.000078	-.000146	.412498	-.000205	-.007128
#3	.000513	-.017751	-.000275	.000090	.086377	.003295	-.004342

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0866323	-.001603	.0065147	-.000216	-.004267	-.000589	-.000587
Stddev	.0484924	.001204	.0004054	.000360	.001084	.000457	.000651
%RSD	55.97502	75.09463	6.223100	167.1031	25.39351	77.60420	111.0274

#1	.0327458	-.001919	.0069485	.000184	-.004805	-.000095	-.001338
#2	.1267552	-.000273	.0064500	-.000515	-.004976	-.000674	-.000231
#3	.1003959	-.002618	.0061455	-.000316	-.003020	-.000998	-.000191

Sample Name: ICB Acquired: 06/10/2019 12:27:48 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) 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	.0008518	.0030759	-.000059
Stddev	.0003621	.0008429	.000055
%RSD	42.50636	27.40452	93.21395

#1	.0006369	.0029054	.000004
#2	.0006487	.0039911	-.000082
#3	.0012699	.0023312	-.000099

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2507.877	3589.383	56094.78	8875.952	4326.255
Stddev	1.778	6.660	103.02	55.473	7.367
%RSD	.0709110	.1855432	.1836508	.6249820	.1702874

#1	2509.930	3583.244	56171.41	8827.739	4318.948
#2	2506.852	3596.463	55977.67	8863.536	4326.137
#3	2506.848	3588.441	56135.26	8936.581	4333.681

Sample Name: ICSA Acquired: 06/10/2019 12:31:55 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) 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	.0014662	.0024208	.0057916	-.026254	.0022301	256.1900
Stddev	.0035344	.0020457	.0043987	.003552	.0011092	.2418
%RSD	241.0637	84.50555	75.95011	13.53001	49.73720	.0943784

#1	-.001929	.0009964	.0011759	-.025659	.0012296	255.9110
#2	.005125	.0015011	.0062636	-.023038	.0034228	256.3381
#3	.001202	.0047649	.0099353	-.030067	.0020378	256.3210

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0066482	.0015265	.0009821	279.3152	.0519933	.0019010
Stddev	.0002777	.0001155	.0000311	.3916	.0007242	.0002936
%RSD	4.176350	7.567584	3.165019	.1401970	1.392959	15.44410

#1	.0063723	.0013935	.0009880	279.0054	.0526737	.0021371
#2	.0066446	.0016016	.0010098	279.1848	.0520742	.0015723
#3	.0069276	.0015844	.0009485	279.7553	.0512320	.0019937

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019662	112.1669	.0173894	282.2437	-.001665	-.004804
Stddev	.0002206	.1198	.0005735	.3111	.000234	.000397
%RSD	11.21970	.1067658	3.297827	.1102272	14.03647	8.255442

#1	.0020522	112.2834	.0171895	282.3666	-.001679	-.004949
#2	.0017155	112.0441	.0169426	281.8899	-.001892	-.004355
#3	.0021308	112.1730	.0180361	282.4745	-.001425	-.005107

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.289673	.0045182	.0123642	.0285743	F .0112387	-.008708
Stddev	.113614	.0047777	.0009942	.0419634	.0040430	.001239
%RSD	39.22141	105.7428	8.041253	146.8572	35.97368	14.22619

#1	-.265360	.0051903	.0131577	-.019876	.0125490	-.010134
#2	-.190184	.0089243	.0126859	.053393	.0067031	-.007901
#3	-.413475	-.000560	.0112489	.052206	.0144639	-.008087

Sample Name: ICSA Acquired: 06/10/2019 12:31:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) 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	-.000269	F -.005843	F -.002286	-.002803	F -.001666	W .0047067
Stddev	.000702	.005927	.000854	.001107	.001497	.0021245
%RSD	261.2838	101.4255	37.35688	39.48724	89.86426	45.13711
#1	.000178	-.006793	-.002865	-.002067	-.000104	.0071340
#2	.000094	-.011238	-.002687	-.002267	-.001806	.0031855
#3	-.001077	.000501	-.001305	-.004076	-.003088	.0038006

Elem	Sr4077
Units	ppm
Avg	F .1120395
Stddev	.0001845
%RSD	.1646731
#1	.1120389
#2	.1122243
#3	.1118554

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2292.132	3280.236	51691.09	8510.579	3738.151
Stddev	16.834	6.052	359.91	53.353	5.368
%RSD	.7344234	.1845040	.6962675	.6268989	.1436016
#1	2281.962	3279.313	51399.61	8451.916	3739.635
#2	2282.871	3274.698	51580.28	8556.204	3732.197
#3	2311.563	3286.696	52093.37	8523.617	3742.621

Sample Name: ICSAB Acquired: 06/10/2019 12:48:29 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) 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	.1018138	.1176585	.0587040	.0308629	.6323946	235.3643
Stddev	.0050374	.0046632	.0020338	.0031441	.0026894	.3079
%RSD	4.947661	3.963366	3.464532	10.18736	.4252672	.1308251

#1	.1069787	.1224667	.0610290	.0282126	.6296863	235.7083
#2	.0969143	.1173537	.0572549	.0300393	.6350646	235.1145
#3	.1015485	.1131551	.0578281	.0343369	.6324330	235.2702

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5523940	.5290119	1.032792	259.4375	.5640375	.5191463
Stddev	.0021638	.0014262	.001457	.8321	.0008795	.0010142
%RSD	.3917088	.2695931	.1410766	.3207311	.1559285	.1953521

#1	.5547914	.5305659	1.031201	260.3750	.5633416	.5181383
#2	.5505860	.5277629	1.033114	259.1510	.5650260	.5191341
#3	.5518045	.5287070	1.034062	258.7865	.5637449	.5201665

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4937432	104.1516	.5445964	261.5490	1.047506	.2064871
Stddev	.0046840	.3312	.0023499	.8876	.002031	.0007080
%RSD	.9486613	.3180069	.4314957	.3393740	.1939006	.3428785

#1	.4914284	104.5294	.5454573	262.5628	1.046000	.2056808
#2	.4991339	104.0139	.5463944	261.1725	1.046702	.2070072
#3	.4906673	103.9114	.5419374	260.9117	1.049816	.2067731

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.222442	.5335853	1.009340	-.163772	.0093562	-.009568
Stddev	.187281	.0035635	.004222	.017966	.0034762	.001436
%RSD	84.19323	.6678331	.4182727	10.97002	37.15366	15.00999

#1	-.430925	.5346543	1.010120	-.150276	.0092622	-.009507
#2	-.167957	.5296097	1.013118	-.156875	.0059280	-.008163
#3	-.068446	.5364919	1.004783	-.184164	.0128784	-.011033

Sample Name: ICSAB Acquired: 06/10/2019 12:48:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) 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	-.000256	F .0030522	F -.004702	-.003832	F -.000750	W .0032824
Stddev	.000291	.0025126	.000459	.001391	.001103	.0017042
%RSD	113.5633	82.31817	9.771510	36.30840	147.1327	51.91960

#1	.000011	.0026943	-.005095	-.002607	.000490	.0048576
#2	-.000213	.0007379	-.004815	-.005345	-.001623	.0014733
#3	-.000566	.0057246	-.004197	-.003544	-.001116	.0035164

Elem	Sr4077
Units	ppm
Avg	F .1025643
Stddev	.0001363
%RSD	.1329185

#1	.1027211
#2	.1024741
#3	.1024977

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2329.631	3325.273	52514.31	8540.004	3812.413
Stddev	11.589	4.584	177.03	40.058	3.853
%RSD	.4974730	.1378536	.3371153	.4690637	.1010711

#1	2323.407	3330.267	52639.79	8502.163	3816.744
#2	2322.483	3324.295	52311.82	8535.888	3811.129
#3	2343.002	3321.257	52591.33	8581.961	3809.365

Sample Name: CCV069 Acquired: 06/10/2019 12:52:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV069 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.861798	4.818443	24.71330	4.730965	4.905578	408.1403	10.32277
Stddev	.009994	.011347	.04922	.020819	.012433	2.2680	.02983
%RSD	.2055563	.2354991	.1991723	.4400534	.2534490	.5556962	.2889370

#1	4.856570	4.805341	24.68948	4.739151	4.904325	409.2288	10.29604
#2	4.873322	4.824900	24.68052	4.707297	4.893819	405.5332	10.31733
#3	4.855503	4.825089	24.76990	4.746446	4.918590	409.6589	10.35494

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5128372	2.471362	411.6242	15.09153	2.515260	15.15863	419.7964
Stddev	.0013653	.002467	1.4034	.01029	.003489	.03273	.8098
%RSD	.2662308	.0998128	.3409487	.0681667	.1387028	.2159337	.1928969

#1	.5144134	2.470808	410.2891	15.10338	2.513926	15.12218	418.9602
#2	.5120779	2.469220	411.4963	15.08629	2.512636	15.16822	419.8519
#3	.5120204	2.474059	413.0872	15.08491	2.519219	15.18551	420.5769

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.25587	410.2120	2.509812	1.273735	422.8063	2.527077	14.93814
Stddev	.04637	.9631	.003969	.000393	1.5116	.008319	.00615
%RSD	.3039785	.2347905	.1581255	.0308350	.3575155	.3291829	.0411392

#1	15.20939	409.1834	2.507195	1.273490	421.7318	2.525180	14.94165
#2	15.25609	410.3601	2.507861	1.274188	422.1523	2.519870	14.93104
#3	15.30214	411.0925	2.514378	1.273526	424.5348	2.536180	14.94172

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	154.8039	4.725289	5.096961	4.978796	4.847723	5.014696	5.110819
Stddev	.1795	.019459	.015313	.014797	.020589	.014011	.015293
%RSD	.1159687	.4118033	.3004294	.2971916	.4247192	.2794016	.2992294

#1	154.6096	4.704914	5.114120	4.988187	4.825216	5.026318	5.106436
#2	154.9636	4.743680	5.084686	4.961740	4.852345	4.999138	5.098196
#3	154.8385	4.727273	5.092076	4.986462	4.865609	5.018632	5.127825

Sample Name: CCV069 Acquired: 06/10/2019 12:52:25 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCV069 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.098622	5.281552	5.066013
Stddev	.014801	.034205	.016956
%RSD	.2902945	.6476399	.3347039

#1	5.085323	5.243423	5.081390
#2	5.095974	5.291689	5.068823
#3	5.114568	5.309542	5.047828

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2150.446	3075.474	50157.01	8291.698	3429.406
Stddev	4.863	6.599	114.27	14.181	2.181
%RSD	.2261249	.2145726	.2278313	.1710262	.0636064

#1	2145.056	3067.886	50126.03	8278.648	3428.436
#2	2151.778	3078.664	50061.43	8289.657	3427.877
#3	2154.504	3079.872	50283.58	8306.788	3431.904

Sample Name: CCB069 Acquired: 06/10/2019 12:56:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCB069 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012381	.0004947	.0000855	-.001155	-.000415	.0029750	.0001589
Stddev	.0020560	.0011080	.0007617	.001303	.001110	.0011826	.0004656
%RSD	166.0589	223.9715	890.7288	112.7289	267.6602	39.74884	293.0244

#1	.0030870	.0007262	.0004152	-.000248	.000864	.0026588	.0006813
#2	.0016034	-.000711	-.000786	-.000571	-.001124	.0019828	.0000078
#3	-.000976	.001469	.000627	-.002648	-.000984	.0042836	-.000212

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000013	.0000292	.0040074	.0001820	.0006112	.0028034	.0153960
Stddev	.000029	.0000598	.0158871	.0002134	.0002786	.0039548	.0076253
%RSD	225.7275	204.6466	396.4482	117.2257	45.57745	141.0700	49.52806

#1	.000018	-.000037	-.007766	-.000009	.0003598	.0070414	.0209630
#2	-.000018	.000046	-.002290	.000142	.0009107	-.000789	.0185202
#3	-.000038	.000079	.022078	.000412	.0005632	.002158	.0067047

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001090	-.002206	.0000074	.0002022	.0488838	.0019771	-.007421
Stddev	.0000634	.041387	.0001696	.0003396	.1663410	.0028357	.001254
%RSD	58.17195	1876.484	2303.595	167.9200	340.2784	143.4300	16.89580

#1	.0000402	-.038893	.0001805	-.000103	-.012503	.0002193	-.008229
#2	.0001218	.042660	.0000000	.000568	.237194	.0052485	-.005977
#3	.0001651	-.010384	-.000158	.000142	-.078040	.0004635	-.008058

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0321477	.0000676	.0109716	.0001452	-.007237	-.001378	-.000261
Stddev	.0261731	.0022875	.0012905	.0003658	.002487	.000702	.000997
%RSD	81.41516	3382.781	11.76270	251.9977	34.36434	50.96776	381.7917

#1	.0583045	-.000777	.0124542	.0002978	-.004392	-.002089	.000837
#2	.0059583	.002657	.0101003	-.000272	-.008998	-.001361	-.000511
#3	.0321803	-.001677	.0103602	.000410	-.008321	-.000684	-.001109

Sample Name: CCB069 Acquired: 06/10/2019 12:56:27 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCB069 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0019953	.0036594	.0000690
Stddev	.0006763	.0007549	.0000458
%RSD	33.89490	20.62984	66.37429

#1	.0019832	.0044792	.0001069
#2	.0026776	.0035062	.0000181
#3	.0013251	.0029928	.0000822

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2509.181	3593.490	56235.31	8751.349	4341.009
Stddev	17.511	8.818	309.68	86.444	12.796
%RSD	.6978884	.2453827	.5506830	.9877811	.2947756

#1	2506.683	3590.573	56282.44	8654.852	4337.580
#2	2527.807	3603.397	56518.72	8821.706	4355.170
#3	2493.052	3586.501	55904.76	8777.491	4330.276

Sample Name: PB120455BL Acquired: 06/10/2019 13:00:35 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: PBS455 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001144	.0008919	-.002659	-.003697	-.000733	-.004578	.0000441
Stddev	.002172	.0027559	.000633	.001672	.001510	.003829	.0002601
%RSD	189.8421	308.9994	23.81702	45.21956	206.0038	83.65065	589.6464

#1	-.001386	-.001443	-.002490	-.003417	-.000435	-.008977	.0003274
#2	-.003186	.000186	-.003359	-.005492	.000606	-.001988	-.000011
#3	.001139	.003932	-.002127	-.002184	-.002371	-.002769	-.000184

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000044	-.000057	-.001793	.0003102	.0002234	.0014839	.0064979
Stddev	.000085	.000088	.006622	.0002714	.0001820	.0020071	.0055264
%RSD	193.9060	156.1550	369.2574	87.49726	81.49156	135.2555	85.04968

#1	-.000020	-.000016	.003558	.0000097	.0001029	-.000674	.0037881
#2	-.000138	-.000158	.000261	.0005376	.0001345	.003294	.0128562
#3	.000027	.000004	-.009199	.0003832	.0004328	.001832	.0028494

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000155	.0092242	.0000510	.0005818	.2408603	.0024444	-.007046
Stddev	.000217	.0161298	.0001204	.0002670	.1618374	.0036077	.001448
%RSD	140.0996	174.8644	236.0453	45.88461	67.19140	147.5914	20.55139

#1	-.000405	-.008392	-.000087	.0008212	.3366207	.0037199	-.007201
#2	-.000046	.023269	.000135	.0002939	.0540060	.0052410	-.008410
#3	-.000014	.012796	.000105	.0006303	.3319542	-.001628	-.005526

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.019543	.0018878	.0019164	-.000088	-.004964	-.003510	-.000857
Stddev	.033932	.0016827	.0008046	.000174	.003918	.000713	.000718
%RSD	173.6295	89.13873	41.98653	197.9666	78.93888	20.31813	83.81132

#1	-.004098	.0005372	.0015357	-.000282	-.008089	-.003354	-.000185
#2	-.058450	.0013532	.0028407	-.000033	-.006233	-.004288	-.001613
#3	.003919	.0037729	.0013728	.000052	-.000568	-.002887	-.000772

Sample Name: PB120455BL Acquired: 06/10/2019 13:00:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: PBS455 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0002376	.0034519	-.000112
Stddev	.0005348	.0010542	.000043
%RSD	225.0830	30.54023	38.58288

#1	.0008270	.0042023	-.000064
#2	.0001024	.0039067	-.000123
#3	-.000217	.0022466	-.000148

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2495.651	3578.448	55890.72	8759.366	4330.887
Stddev	10.651	3.553	229.28	77.756	4.628
%RSD	.4267995	.0992978	.4102305	.8876870	.1068639

#1	2483.436	3576.740	55629.32	8672.756	4327.234
#2	2500.509	3576.071	56057.78	8823.165	4329.335
#3	2503.006	3582.533	55985.07	8782.176	4336.091

Sample Name: PB120455BS Acquired: 06/10/2019 13:04:44 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: LCS455 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0144434	.0452075	.0168137	.0564771	.1116051	.3600062
Stddev	.0004590	.0006139	.0010231	.0019580	.0018972	.0105092
%RSD	3.177826	1.358044	6.084835	3.466903	1.699963	2.919173

#1	.0141200	.0453896	.0164168	.0542973	.1095334	.3721315
#2	.0142415	.0457097	.0179758	.0580867	.1120239	.3543629
#3	.0149687	.0445231	.0160485	.0570474	.1132579	.3535241

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3828273	.0093546	.0094663	9.553881	.0203968	.0901065
Stddev	.0014741	.0001123	.0000542	.034594	.0004992	.0005404
%RSD	.3850478	1.200315	.5729022	.3620903	2.447471	.5997368

#1	.3844059	.0094832	.0094204	9.582776	.0206797	.0897362
#2	.3825891	.0093045	.0094524	9.563319	.0198204	.0907266
#3	.3814868	.0092760	.0095261	9.515548	.0206902	.0898568

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0400698	.2086077	.0326433	9.087989	.0754103	.0186445
Stddev	.0030440	.0022026	.0005761	.017495	.0002384	.0001721
%RSD	7.596663	1.055867	1.764879	.1925117	.3161257	.9229711

#1	.0375204	.2106623	.0330460	9.068833	.0753297	.0187479
#2	.0392490	.2062821	.0319834	9.103123	.0756786	.0184459
#3	.0434400	.2088785	.0329005	9.092012	.0752227	.0187398

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.189301	.0958410	.1054740	8.423135	.0199173	.1733503
Stddev	.334821	.0012110	.0017495	.093744	.0008335	.0021105
%RSD	3.643595	1.263560	1.658735	1.112931	4.185030	1.217484

#1	8.805209	.0963439	.1065907	8.491436	.0208690	.1753190
#2	9.419558	.0944596	.1034577	8.461712	.0193169	.1736098
#3	9.343136	.0967196	.1063736	8.316259	.0195660	.1711220

Sample Name: PB120455BS Acquired: 06/10/2019 13:04:44 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: LCS455 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0186599	F .1378013	.1767837	F .0557331	.1736750	.0343292
Stddev	.0005696	.0081195	.0024767	.0003995	.0005066	.0022501
%RSD	3.052330	5.892150	1.401002	.7168982	.2916821	6.554515

#1	.0182756	.1423168	.1785788	.0558453	.1730901	.0369050
#2	.0183899	.1284279	.1778141	.0552894	.1739747	.0333357
#3	.0193143	.1426593	.1739581	.0560645	.1739601	.0327468

Elem	Sr4077
Units	ppm
Avg	.1886251
Stddev	.0005819
%RSD	.3085180

#1	.1888968
#2	.1890214
#3	.1879570

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2456.113	3528.662	55363.99	8696.705	4296.327
Stddev	3.530	6.135	292.58	60.799	2.307
%RSD	.1437346	.1738521	.5284602	.6991057	.0537074

#1	2453.038	3522.876	55643.09	8637.801	4294.431
#2	2455.334	3535.094	55059.58	8693.077	4295.653
#3	2459.968	3528.018	55389.29	8759.237	4298.896

Sample Name: PB120456BL Acquired: 06/10/2019 13:08:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: PBS456 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001337	-.000321	-.000485	-.002178	-.000868	-.006565	-.000328
Stddev	.001278	.001321	.000820	.001649	.000567	.004799	.000176
%RSD	95.56808	411.8817	169.0689	75.71156	65.29048	73.10850	53.72362

#1	-.001697	.000790	-.000487	-.002688	-.000254	-.001697	-.000492
#2	.000082	-.001782	.000336	-.003512	-.001371	-.011293	-.000142
#3	-.002397	.000029	-.001304	-.000334	-.000979	-.006704	-.000350

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000063	-.000084	.0068469	.0001655	.0003966	.0015304	.0072797
Stddev	.000068	.000032	.0090594	.0002546	.0002430	.0026262	.0064625
%RSD	107.3769	37.87429	132.3139	153.8239	61.26183	171.6031	88.77442

#1	-.000102	-.000105	-.001190	.0002991	.0006732	.0029281	.0084408
#2	-.000103	-.000098	.016664	-.000128	.0002990	.0031621	.0003153
#3	.000015	-.000047	.005067	.000325	.0002176	-.001499	.0130829

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000166	.0119280	-.000333	.0003304	.2598823	-.001390	-.007556
Stddev	.000457	.0092914	.000138	.0003263	.0520668	.001603	.001700
%RSD	275.9806	77.89595	41.36491	98.74739	20.03474	115.2900	22.50470

#1	.000287	.0035360	-.000185	.0001793	.3112154	.000303	-.006071
#2	-.000627	.0219129	-.000458	.0001071	.2071117	-.002883	-.009411
#3	-.000157	.0103351	-.000357	.0007048	.2613199	-.001590	-.007185

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.058027	.0013134	-.003210	.0000962	-.005693	-.003385	-.000856
Stddev	.098810	.0020200	.000845	.0002202	.002329	.000974	.000420
%RSD	170.2830	153.8038	26.33693	228.7830	40.91283	28.78026	49.07519

#1	-.169858	.0027846	-.002901	.0001686	-.006926	-.003643	-.001084
#2	-.021704	.0021453	-.002562	-.000151	-.003007	-.002307	-.001113
#3	.017481	-.000990	-.004166	.000271	-.007147	-.004203	-.000371

Sample Name: PB120456BL Acquired: 06/10/2019 13:08:51 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: PBS456 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0008366	.0042763	-.000001
Stddev	.0005550	.0004409	.000034
%RSD	66.34255	10.31122	3908.948

#1	.0011877	.0038367	.000019
#2	.0001967	.0042735	-.000040
#3	.0011254	.0047186	.000018

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2503.973	3592.365	55900.65	8838.243	4343.233
Stddev	21.899	1.559	380.66	54.432	6.719
%RSD	.8745881	.0433955	.6809562	.6158665	.1546994

#1	2483.147	3591.090	55600.40	8803.762	4339.492
#2	2526.808	3594.103	56328.79	8809.975	4350.989
#3	2501.964	3591.902	55772.78	8900.993	4339.216

Sample Name: PB120457BL Acquired: 06/10/2019 13:17:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: PBS457 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003955	.0007565	-.001355	-.003261	-.001246	-.000947	.0000269
Stddev	.0038804	.0004973	.001551	.003033	.002214	.002869	.0005366
%RSD	981.1610	65.72922	114.4681	93.00053	177.7379	303.0093	1992.429

#1	.0047380	.0011891	-.000457	-.002596	.001311	.001910	.0006399
#2	-.002732	.0002132	-.000462	-.000616	-.002503	-.000923	-.000201
#3	-.000820	.0008673	-.003145	-.006570	-.002545	-.003828	-.000358

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000033	-.000059	-.002191	.0000745	.0000820	.0007640	.0024268
Stddev	.0000599	.000073	.011454	.0005411	.0002395	.0004998	.0066477
%RSD	1824.005	122.8999	522.8586	726.0638	292.0963	65.41242	273.9322

#1	.0000311	-.000014	.009910	.0001905	.0000750	.0009929	.0098337
#2	.0000442	-.000020	-.003617	.0005482	-.000154	.0001908	-.003022
#3	-.000066	-.000143	-.012865	-.000515	.000325	.0011083	.000468

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000925	.0046420	-.000013	.0001503	.0090843	.0023066	-.007599
Stddev	.0001578	.0100066	.000469	.0000905	.2178863	.0018870	.000092
%RSD	170.6686	215.5649	3510.449	60.19492	2398.504	81.80895	1.211295

#1	-.000063	.0028810	.000516	.0002497	.0396413	.0030716	-.007555
#2	.000089	-.004367	-.000377	.0000727	.2100790	.0001572	-.007538
#3	.000252	.015412	-.000180	.0001286	-.222468	.0036911	-.007705

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.018793	.0034893	-.004990	.0001827	-.009399	-.002751	-.002032
Stddev	.030453	.0014380	.000898	.0000434	.005885	.001769	.000538
%RSD	162.0396	41.21242	17.99793	23.76872	62.61272	64.29119	26.48384

#1	-.031996	.0024454	-.004018	.0002158	-.004642	-.003501	-.002436
#2	.016033	.0051296	-.005790	.0001989	-.007575	-.004021	-.002240
#3	-.040417	.0028930	-.005163	.0001335	-.015980	-.000731	-.001421

Sample Name: PB120457BL Acquired: 06/10/2019 13:17:10 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: PBS457 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0010243	.0027838	-.000089
Stddev	.0002848	.0026116	.000067
%RSD	27.80503	93.81404	75.64634

#1	.0007405	.0020275	-.000020
#2	.0013101	.0056901	-.000154
#3	.0010221	.0006338	-.000092

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2493.509	3562.392	55951.04	8684.343	4332.216
Stddev	17.541	1.967	231.25	17.379	3.609
%RSD	.7034561	.0552265	.4133008	.2001168	.0833113

#1	2482.615	3560.199	55747.71	8704.310	4328.079
#2	2513.744	3564.001	56202.60	8676.103	4333.846
#3	2484.169	3562.977	55902.80	8672.617	4334.722

Sample Name: K3119-19 Acquired: 06/10/2019 13:25:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0AR0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7907762	.0128639	5.584088	-.029462	.0042202	33.62523
Stddev	.0041438	.0024765	.007070	.003832	.0008319	.07531
%RSD	.5240182	19.25152	.1266085	13.00574	19.71230	.2239671

#1	.7939016	.0125492	5.582070	-.032395	.0043130	33.69580
#2	.7923513	.0154827	5.591947	-.030865	.0050018	33.54594
#3	.7860758	.0105598	5.578246	-.025127	.0033458	33.63394

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4562954	.0076466	.0298897	7.839549	-.002603	.0534544
Stddev	.0014744	.0000976	.0000601	.008613	.000494	.0000752
%RSD	.3231308	1.276182	.2011571	.1098604	18.99463	.1407205

#1	.4579885	.0077415	.0299582	7.829799	-.002584	.0535149
#2	.4552937	.0075465	.0298457	7.842725	-.003107	.0533702
#3	.4556041	.0076518	.0298651	7.846122	-.002119	.0534782

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.285075	134.7298	F 38.90626	7.329505	.0252870	.6864502
Stddev	.002896	.2887	.09714	.036441	.0004135	.0041528
%RSD	.2253337	.2142873	.2496824	.4971787	1.635324	.6049664

#1	1.287543	135.0438	39.00873	7.351166	.0255751	.6867676
#2	1.281888	134.4759	38.81551	7.287433	.0248132	.6821478
#3	1.285795	134.6696	38.89455	7.349915	.0254728	.6904352

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1064448	.1034491	4.282714	6.173572	2.573549	-.004533
Stddev	.2254101	.0017826	.025753	.022667	.015502	.000522
%RSD	211.7624	1.723142	.6013217	.3671639	.6023531	11.52459

#1	.3588544	.1025043	4.288377	6.182647	2.576454	-.005036
#2	-.074776	.1055052	4.254601	6.190296	2.587393	-.003993
#3	.035256	.1023378	4.305164	6.147773	2.556800	-.004569

Sample Name: K3119-19 Acquired: 06/10/2019 13:25:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0AR0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0643332	.6674647	1.268166	.0057547	.2445810	.0170852
Stddev	.0005646	.0054428	.014873	.0017582	.0012890	.0015557
%RSD	.8775983	.8154458	1.172800	30.55343	.5270156	9.105702
#1	.0647340	.6690138	1.283591	.0072507	.2460557	.0184776
#2	.0636875	.6719650	1.266991	.0038180	.2436690	.0173721
#3	.0645781	.6614153	1.253915	.0061952	.2440184	.0154060

Elem	Sr4077
Units	ppm
Avg	.2005422
Stddev	.0002261
%RSD	.1127472
#1	.2007897
#2	.2004904
#3	.2003464

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3322.096	4676.299	74602.90	11609.02	4389.171
Stddev	10.923	5.524	224.99	75.53	4.880
%RSD	.3287985	.1181257	.3015839	.6505772	.1111870
#1	3310.052	4673.857	74581.11	11556.00	4385.575
#2	3324.876	4672.418	74837.99	11575.57	4387.212
#3	3331.361	4682.623	74389.59	11695.50	4394.726

Sample Name: K3119-21 Acquired: 06/10/2019 13:33:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0AR0S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8966393	.1203101	6.250822	.0366250	.0414302	43.63737
Stddev	.0057620	.0008170	.006250	.0018164	.0010947	.15030
%RSD	.6426179	.6790990	.0999848	4.959574	2.642206	.3444335

#1	.9007500	.1211886	6.249398	.0384892	.0406738	43.56394
#2	.8900533	.1195730	6.257661	.0365253	.0426855	43.53789
#3	.8991146	.1201686	6.245408	.0348604	.0409314	43.81027

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.061220	.0877659	.1381983	8.077317	.3245237	1.107952
Stddev	.027946	.0006584	.0001273	.056995	.0005516	.001118
%RSD	.6881077	.7501315	.0921067	.7056235	.1699711	.1008707

#1	4.047729	.0879265	.1380840	8.094529	.3249016	1.107207
#2	4.042578	.0870422	.1381753	8.013699	.3247788	1.109237
#3	4.093351	.0883292	.1383355	8.123722	.3238907	1.107411

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.727270	151.5830	F 44.68368	8.546680	1.103358	.7368097
Stddev	.005179	.8434	.24359	.035943	.000342	.0018219
%RSD	.2998552	.5564205	.5451413	.4205545	.0310067	.2472617

#1	1.724144	151.4119	44.66179	8.508444	1.103752	.7378253
#2	1.724417	150.8383	44.45177	8.551819	1.103189	.7347064
#3	1.733248	152.4989	44.93747	8.579777	1.103134	.7378974

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.115118	.9439056	5.524233	7.289119	2.804464	-.000223
Stddev	.139067	.0083290	.025910	.013284	.004820	.002606
%RSD	120.8035	.8823999	.4690241	.1822475	.1718551	1166.147

#1	-.038241	.9424848	5.532382	7.294262	2.801308	-.003140
#2	-.031462	.9363784	5.545089	7.299063	2.802072	.000595
#3	-.275651	.9528537	5.495228	7.274032	2.810011	.001875

Sample Name: K3119-21 Acquired: 06/10/2019 13:33:22 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0AR0S Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0751299	.7336519	2.019577	.0065089	.2928945	.0216587
Stddev	.0002630	.0094049	.033385	.0004373	.0011373	.0011175
%RSD	.3500185	1.281931	1.653052	6.719308	.3883078	5.159486
#1	.0754159	.7404942	2.015240	.0060958	.2915832	.0224824
#2	.0748985	.7229274	1.988573	.0069670	.2936124	.0203867
#3	.0750754	.7375342	2.054918	.0064638	.2934879	.0221070

Elem	Sr4077
Units	ppm
Avg	.2183298
Stddev	.0004175
%RSD	.1912343
#1	.2179621
#2	.2182437
#3	.2187837

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3204.499	4548.767	72323.90	11333.51	4201.416
Stddev	15.511	12.007	57.01	60.02	11.511
%RSD	.4840510	.2639593	.0788220	.5295377	.2739676
#1	3195.880	4534.915	72327.47	11293.14	4190.355
#2	3195.212	4555.180	72265.19	11402.48	4200.565
#3	3222.406	4556.206	72379.04	11304.93	4213.329

Sample Name: K3119-20 Acquired: 06/10/2019 13:29:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0AR0D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8007211	.0130816	5.661681	-.033451	.0032043	33.82583
Stddev	.0018911	.0027804	.018510	.001621	.0022312	.03857
%RSD	.2361774	21.25414	.3269263	4.847095	69.63046	.1140394

#1	.7999186	.0126126	5.652159	-.035317	.0050603	33.78139
#2	.7993635	.0160666	5.649871	-.032650	.0038238	33.84537
#3	.8028811	.0105655	5.683013	-.032386	.0007289	33.85072

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4658794	.0077284	.0307118	7.753583	-.002955	.0542229
Stddev	.0014632	.0001802	.0002473	.053815	.000679	.0001563
%RSD	.3140677	2.331289	.8052929	.6940609	22.96199	.2881713

#1	.4643938	.0075206	.0305689	7.701601	-.002172	.0543920
#2	.4673191	.0078422	.0305691	7.750087	-.003314	.0540839
#3	.4659252	.0078222	.0309973	7.809060	-.003379	.0541929

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.305150	137.0585	F 39.76267	7.367528	.0261029	.6794134
Stddev	.003871	.5035	.18876	.038219	.0002023	.0060849
%RSD	.2965584	.3673412	.4747146	.5187448	.7750861	.8956072

#1	1.301003	136.5258	39.54719	7.324297	.0260160	.6861911
#2	1.305781	137.5264	39.89878	7.381463	.0259584	.6744204
#3	1.308666	137.1233	39.84206	7.396823	.0263341	.6776289

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0329420	.1022748	4.396141	6.193711	2.623720	-.003397
Stddev	.0295276	.0025674	.041390	.023976	.006306	.001676
%RSD	89.63531	2.510317	.9414978	.3871070	.2403365	49.32235

#1	.0485501	.0993311	4.440061	6.211068	2.617267	-.004156
#2	.0513900	.1040505	4.357861	6.203712	2.629868	-.004559
#3	-.001114	.1034429	4.390502	6.166354	2.624024	-.001476

Sample Name: K3119-20 Acquired: 06/10/2019 13:29:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0AR0D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0661129	.6676302	1.373242	.0054587	.2493981	.0189530
Stddev	.0003976	.0016814	.012822	.0002779	.0006939	.0013151
%RSD	.6014587	.2518443	.9336918	5.089940	.2782400	6.938818
#1	.0656889	.6671956	1.359238	.0055365	.2486978	.0196214
#2	.0661722	.6694863	1.384406	.0051503	.2494109	.0174379
#3	.0664775	.6662088	1.376081	.0056894	.2500855	.0197996

Elem	Sr4077
Units	ppm
Avg	.2053792
Stddev	.0001580
%RSD	.0769182
#1	.2052090
#2	.2054075
#3	.2055211

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3303.644	4690.844	74581.12	11692.22	4380.102
Stddev	36.147	2.659	648.48	48.78	2.266
%RSD	1.094151	.0566830	.8695026	.4171600	.0517417
#1	3262.465	4687.827	73847.88	11732.66	4382.235
#2	3330.135	4692.845	75079.26	11638.05	4377.723
#3	3318.330	4691.859	74816.23	11705.96	4380.349

Sample Name: K3120-20 Acquired: 06/10/2019 13:41:17 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0AT1 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7505196	.0009108	3.761736	-.011402	.0625516	23.59716	.4339227
Stddev	.0046497	.0015976	.006317	.002248	.0006133	.07194	.0018966
%RSD	.6195295	175.4164	.1679173	19.71260	.9804645	.3048678	.4370802

#1	.7542801	-.000174	3.761731	-.010571	.0621240	23.67003	.4357408
#2	.7519581	.002745	3.755421	-.013947	.0622765	23.59524	.4340711
#3	.7453207	.000161	3.768054	-.009688	.0632543	23.52619	.4319563

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0140441	.0080196	4.965963	.0046780	.0138129	1.278066	91.13030
Stddev	.0001276	.0000238	.063090	.0003015	.0003098	.002346	.21038
%RSD	.9087134	.2971304	1.270441	6.444600	2.243044	.1835414	.2308551

#1	.0141292	.0080430	4.996574	.0047229	.0135144	1.280747	91.36227
#2	.0141058	.0079954	5.007908	.0043566	.0137913	1.276389	91.07677
#3	.0138974	.0080204	4.893408	.0049545	.0141330	1.277062	90.95185

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.158489	3.534928	.0137158	.0648854	.3473102	.1928523	.9560039
Stddev	.025968	.034247	.0004117	.0009667	.1427530	.0016972	.0044346
%RSD	.5034117	.9688214	3.001610	1.489896	41.10245	.8800422	.4638660

#1	5.179129	3.573784	.0134810	.0658918	.3256943	.1931890	.9602613
#2	5.167006	3.509135	.0141911	.0639639	.4996384	.1910120	.9514112
#3	5.129331	3.521866	.0134752	.0648005	.2165980	.1943559	.9563393

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.132196	1.772892	.0007665	.0774506	4.295979	.9430629	.0125894
Stddev	.059703	.009492	.0013751	.0004330	.009721	.0042723	.0011206
%RSD	.9736014	.5354142	179.4043	.5590429	.2262923	.4530277	8.900755

#1	6.153109	1.768805	-.000804	.0770056	4.284756	.9429315	.0137722
#2	6.178629	1.766127	.001352	.0778705	4.301802	.9473995	.0124524
#3	6.064849	1.783743	.001752	.0774759	4.301379	.9388578	.0115437

Sample Name: K3120-20 Acquired: 06/10/2019 13:41:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0AT1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1209973	.0128744	.0831201
Stddev	.0009774	.0004858	.0001238
%RSD	.8078250	3.773572	.1489061

#1	.1213105	.0134067	.0831309
#2	.1217798	.0124549	.0829912
#3	.1199017	.0127615	.0832381

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3350.893	4777.803	76051.71	11836.81	4236.675
Stddev	16.779	3.163	347.83	97.28	5.453
%RSD	.5007270	.0662082	.4573579	.8218302	.1287145

#1	3331.539	4774.252	75655.67	11748.84	4231.855
#2	3359.797	4778.838	76307.58	11820.29	4242.594
#3	3361.344	4780.320	76191.89	11941.29	4235.576

Sample Name: K3119-19LX5 Acquired: 06/10/2019 13:37:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0AR0L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1825762	.0042847	1.033615	-.010227	.0010862	7.594223	.1042955
Stddev	.0024487	.0007116	.004495	.000521	.0007386	.021392	.0006427
%RSD	1.341213	16.60889	.4348935	5.096683	68.00257	.2816818	.6162317

#1	.1799894	.0034741	1.028662	-.009625	.0015639	7.600278	.1047438
#2	.1828808	.0045732	1.034747	-.010512	.0014591	7.570457	.1035592
#3	.1848584	.0048067	1.037436	-.010544	.0002354	7.611935	.1045836

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018805	.0055128	1.766982	-.000665	.0104341	.2942101	30.92831
Stddev	.0001544	.0001603	.013214	.000219	.0003003	.0017513	.14249
%RSD	8.209423	2.907012	.7478124	33.00616	2.877981	.5952444	.4607053

#1	.0018384	.0053532	1.781633	-.000874	.0103514	.2958203	30.98179
#2	.0017516	.0055113	1.763348	-.000684	.0101839	.2944642	30.76681
#3	.0020516	.0056737	1.755966	-.000436	.0107671	.2923456	31.03632

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.935181	1.679731	.0047175	.1545955	.0676472	.0250746	.9787004
Stddev	.037444	.005013	.0005601	.0010307	.2474573	.0012346	.0037868
%RSD	.4190643	.2984332	11.87256	.6666905	365.8054	4.923627	.3869199

#1	8.964814	1.675727	.0050835	.1557856	.0980175	.0246812	.9753697
#2	8.893098	1.678111	.0049962	.1539994	.2985177	.0264580	.9828192
#3	8.947632	1.685353	.0040727	.1540014	-.193593	.0240847	.9779122

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.252763	.4908570	-.007665	.0142544	.1145620	.3036374	-.001023
Stddev	.007600	.0029741	.001486	.0006016	.0037640	.0017108	.000681
%RSD	.6066642	.6058907	19.38703	4.220484	3.285531	.5634488	66.60346

#1	1.258544	.4875143	-.005980	.0149153	.1115550	.3040505	-.001374
#2	1.244154	.4918462	-.008228	.0137386	.1187832	.3051039	-.000238
#3	1.255591	.4932103	-.008788	.0141093	.1133477	.3017579	-.001456

Sample Name: K3119-19LX5 Acquired: 06/10/2019 13:37:16 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0AR0L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0568212	.0045739	.0458382
Stddev	.0005784	.0004552	.0000658
%RSD	1.017860	9.952388	.1435645

#1	.0574856	.0050976	.0458644
#2	.0564307	.0043521	.0458869
#3	.0565473	.0042722	.0457633

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2664.631	3779.799	59452.24	9299.014	4362.054
Stddev	5.610	7.362	275.60	80.212	8.627
%RSD	.2105319	.1947658	.4635589	.8625841	.1977783

#1	2658.259	3771.937	59195.91	9261.303	4354.938
#2	2666.810	3786.530	59743.73	9391.132	4371.649
#3	2668.825	3780.929	59417.09	9244.607	4359.573

Sample Name: K3120-22 Acquired: 06/10/2019 13:49:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0AT1S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8535365	.1060340	4.099486	.0464649	.0947800	28.49972	3.582420
Stddev	.0070268	.0026707	.015154	.0022685	.0012741	.01585	.002055
%RSD	.8232526	2.518703	.3696540	4.882089	1.344223	.0556136	.0573589

#1	.8614996	.1049016	4.092777	.0481964	.0943381	28.48849	3.580298
#2	.8509031	.1090844	4.088845	.0473012	.0937857	28.51785	3.584400
#3	.8482068	.1041162	4.116836	.0438970	.0962162	28.49282	3.582563

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0858736	.1106984	4.782223	.2963338	1.009882	1.683370	103.5771
Stddev	.0005966	.0003365	.004608	.0012188	.002169	.004996	.0779
%RSD	.6947337	.3039730	.0963491	.4112793	.2147704	.2967716	.0752418

#1	.0851945	.1105733	4.787322	.2949337	1.007893	1.686797	103.4922
#2	.0861134	.1104424	4.780990	.2971574	1.009559	1.685676	103.6454
#3	.0863131	.1110795	4.778357	.2969102	1.012194	1.677638	103.5936

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.855300	3.781251	1.038605	.1338828	.1005028	1.062670	1.702295
Stddev	.008720	.027089	.003066	.0006831	.0914424	.004444	.014143
%RSD	.1489178	.7164065	.2951983	.5102048	90.98492	.4181578	.8307934

#1	5.845378	3.764612	1.036627	.1332919	.2020795	1.057668	1.718615
#2	5.861743	3.812509	1.037052	.1346307	.0247476	1.064180	1.693633
#3	5.858779	3.766631	1.042137	.1337258	.0746814	1.066162	1.694638

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.923483	1.886862	.0055071	.0912646	5.025492	1.058432	.0112247
Stddev	.057473	.010252	.0000560	.0004210	.011308	.004494	.0017151
%RSD	.8301183	.5433510	1.016736	.4612916	.2250100	.4245674	15.27960

#1	6.911344	1.880245	.0054960	.0907899	5.034091	1.063619	.0127555
#2	6.873050	1.881668	.0054575	.0915927	5.012683	1.055962	.0115475
#3	6.986057	1.898671	.0055678	.0914111	5.029703	1.055715	.0093711

Sample Name: K3120-22 Acquired: 06/10/2019 13:49:16 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0AT1S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1350449	.0126160	.0899811
Stddev	.0010883	.0019119	.0003010
%RSD	.8058891	15.15497	.3345530

#1	.1356925	.0119793	.0900267
#2	.1356538	.0111037	.0902568
#3	.1337884	.0147651	.0896599

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3379.452	4787.724	76769.82	11955.96	4193.988
Stddev	32.195	9.665	241.42	13.07	8.809
%RSD	.9526700	.2018759	.3144671	.1092809	.2100375

#1	3342.406	4798.470	76563.88	11966.44	4204.159
#2	3395.292	4779.742	77035.50	11960.12	4188.939
#3	3400.658	4784.960	76710.08	11941.32	4188.865

Sample Name: K3120-21 Acquired: 06/10/2019 13:45:16 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0AT1D Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7511429	.0011495	3.757380	-.010418	.0609315	23.39515	.4318837
Stddev	.0045517	.0022381	.001327	.002462	.0015858	.05484	.0018132
%RSD	.6059696	194.7088	.0353202	23.63552	2.602632	.2344161	.4198440

#1	.7551327	.0002644	3.757280	-.008404	.0597465	23.38536	.4326870
#2	.7461850	.0036948	3.756105	-.013163	.0627330	23.34587	.4298076
#3	.7521108	-.000511	3.758754	-.009686	.0603150	23.45423	.4331566

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0138907	.0080174	4.882714	.0046838	.0135515	1.276671	90.51021
Stddev	.0002279	.0001140	.030617	.0004214	.0002183	.002753	.21122
%RSD	1.640683	1.421360	.6270584	8.997030	1.610776	.2156564	.2333662

#1	.0141533	.0079545	4.883880	.0045740	.0137867	1.274586	90.66424
#2	.0137447	.0079488	4.851531	.0051492	.0135123	1.279792	90.26943
#3	.0137742	.0081490	4.912732	.0043281	.0133554	1.275637	90.59697

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.147983	3.495096	.0138122	.0644093	.1713305	.1946380	.9576485
Stddev	.021721	.003752	.0002578	.0005480	.1746669	.0026711	.0138484
%RSD	.4219295	.1073553	1.866551	.8508713	101.9473	1.372327	1.446082

#1	5.155827	3.492390	.0140310	.0639931	.3616512	.1929627	.9418521
#2	5.123429	3.493519	.0138778	.0650302	.0183598	.1932329	.9676992
#3	5.164692	3.499380	.0135280	.0642045	.1339805	.1977183	.9633941

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.103140	1.767481	.0024519	.0777360	4.279167	.9228010	.0118770
Stddev	.021143	.007359	.0029466	.0000982	.023173	.0190895	.0005937
%RSD	.3464229	.4163382	120.1799	.1262882	.5415383	2.068642	4.999109

#1	6.109584	1.762499	.0001045	.0778494	4.258916	.9445162	.0122911
#2	6.120310	1.764010	.0014925	.0776778	4.274144	.9152213	.0121433
#3	6.079525	1.775933	.0057586	.0776809	4.304439	.9086655	.0111968

Sample Name: K3120-21 Acquired: 06/10/2019 13:45:16 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0AT1D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1168110	.0114817	.0825946
Stddev	.0004304	.0001655	.0000899
%RSD	.3685049	1.441297	.1088059

#1	.1163704	.0113485	.0826101
#2	.1172305	.0116670	.0824979
#3	.1168321	.0114297	.0826756

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3354.006	4780.782	76058.26	11917.38	4242.549
Stddev	14.540	1.407	395.44	106.35	4.003
%RSD	.4335182	.0294379	.5199204	.8923596	.0943499

#1	3370.616	4780.762	76347.40	11794.96	4240.533
#2	3343.579	4779.384	75607.63	11970.24	4247.159
#3	3347.823	4782.199	76219.75	11986.93	4239.955

Sample Name: K3127-20 Acquired: 06/10/2019 13:57:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0BB5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3101132	.0043044	.0704985	-.008137	.0016251	2.253578	.4518978
Stddev	.0024074	.0007010	.0008721	.000233	.0002986	.006814	.0025584
%RSD	.7763011	16.28580	1.237053	2.857923	18.37590	.3023433	.5661483

#1	.3108703	.0049505	.0698976	-.008335	.0013069	2.255529	.4548516
#2	.3074183	.0035591	.0700991	-.007881	.0016692	2.246002	.4504656
#3	.3120511	.0044035	.0714988	-.008196	.0018993	2.259203	.4503763

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003224	.0009269	1.376190	.0010839	.0009055	.0887186	4.068420
Stddev	.0000210	.0000542	.009351	.0003828	.0003612	.0010707	.013511
%RSD	6.521274	5.843730	.6794809	35.31783	39.88804	1.206817	.3321014

#1	.0003079	.0009187	1.375183	.0007106	.0004894	.0888115	4.082559
#2	.0003465	.0008774	1.386003	.0014755	.0010892	.0876044	4.055639
#3	.0003129	.0009848	1.367382	.0010656	.0011380	.0897397	4.067064

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1193150	.4866046	.0016959	.0019482	3.369281	.0089590	.1803348
Stddev	.0008346	.0222189	.0000935	.0001150	.329208	.0016230	.0023234
%RSD	.6994658	4.566104	5.515513	5.901380	9.770873	18.11558	1.288388

#1	.1202003	.4878515	.0016501	.0018173	3.749118	.0070868	.1803550
#2	.1192019	.5081738	.0016341	.0020328	3.192455	.0098226	.1780013
#3	.1185427	.4637885	.0018035	.0019946	3.166272	.0099675	.1826480

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9570256	.3358551	.1335823	.0002164	1.225157	4.109025	-.002367
Stddev	.0655028	.0025904	.0013221	.0001650	.003901	.026868	.000785
%RSD	6.844411	.7712727	.9897077	76.27476	.3184374	.6538781	33.17602

#1	.9046774	.3333569	.1350877	.0001114	1.229102	4.139805	-.002937
#2	.9359199	.3356796	.1326099	.0004066	1.221301	4.097007	-.001471
#3	1.030479	.3385287	.1330494	.0001311	1.225068	4.090264	-.002692

Sample Name: K3127-20 Acquired: 06/10/2019 13:57:17 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0BB5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0283024	.0008786	.0227628
Stddev	.0016954	.0017069	.0001181
%RSD	5.990138	194.2784	.5187032

#1	.0264599	.0028493	.0226296
#2	.0286508	-.000080	.0228543
#3	.0297964	-.000133	.0228046

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2790.962	3941.201	62075.33	9505.195	4804.196
Stddev	20.605	6.557	200.07	10.013	5.613
%RSD	.7382773	.1663700	.3222966	.1053419	.1168415

#1	2811.076	3943.971	62294.42	9495.412	4808.209
#2	2791.911	3945.919	62029.25	9504.748	4806.597
#3	2769.898	3933.714	61902.33	9515.423	4797.781

Sample Name: K3120-20LX5 Acquired: 06/10/2019 13:53:12 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0AT1L Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1831311	.0017384	.6864689	-.002925	.0149299	5.492755	.1010397
Stddev	.0022519	.0016700	.0032161	.002783	.0007513	.007679	.0003751
%RSD	1.229685	96.06744	.4684990	95.14623	5.032228	.1398024	.3712833

#1	.1846917	.0011959	.6874649	.000003	.0153830	5.501241	.1013526
#2	.1805496	.0004071	.6828726	-.005535	.0140626	5.490737	.1011428
#3	.1841522	.0036122	.6890692	-.003241	.0153440	5.486286	.1006238

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0034063	.0012932	1.149597	.0010723	.0027978	.3058596	21.33471
Stddev	.0000783	.0000539	.004243	.0002422	.0000405	.0006161	.06424
%RSD	2.298533	4.170368	.3690923	22.58766	1.447292	.2014171	.3011055

#1	.0034191	.0012783	1.147614	.0008063	.0028405	.3052172	21.36061
#2	.0033224	.0013530	1.154469	.0011304	.0027928	.3064454	21.26157
#3	.0034774	.0012482	1.146709	.0012802	.0027600	.3059163	21.38196

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.209523	.8690845	.0026887	.0152291	.0233510	.0486404	.2166602
Stddev	.001951	.0166462	.0004505	.0002668	.2438379	.0015476	.0006352
%RSD	.1613211	1.915371	16.75656	1.752042	1044.229	3.181678	.2931989

#1	1.207927	.8554150	.0022447	.0154280	-.258208	.0474993	.2173909
#2	1.208944	.8876219	.0031455	.0149258	.164667	.0504019	.2162394
#3	1.211698	.8642164	.0026759	.0153334	.163594	.0480200	.2163504

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.437614	.3358210	-.007079	.0178820	.8164796	.2284854	.0012923
Stddev	.035122	.0030822	.001353	.0003921	.0022816	.0010354	.0009965
%RSD	2.443109	.9178088	19.12014	2.192668	.2794424	.4531702	77.11348

#1	1.406143	.3370738	-.007527	.0174296	.8191105	.2276770	.0016828
#2	1.431197	.3380795	-.008151	.0180914	.8152841	.2281268	.0001597
#3	1.475503	.3323096	-.005558	.0181249	.8150441	.2296525	.0020344

Sample Name: K3120-20LX5 Acquired: 06/10/2019 13:53:12 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0AT1L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0289977	.0029703	.0194173
Stddev	.0006496	.0017499	.0000339
%RSD	2.240079	58.91516	.1744732

#1	.0291908	.0009500	.0193783
#2	.0282734	.0040161	.0194339
#3	.0295288	.0039447	.0194396

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2672.551	3779.381	59827.69	9261.095	4312.758
Stddev	15.871	14.219	140.49	46.512	10.765
%RSD	.5938663	.3762136	.2348285	.5022353	.2496151

#1	2656.056	3772.781	59691.98	9261.210	4306.695
#2	2687.715	3795.701	59972.52	9307.550	4325.187
#3	2673.881	3769.663	59818.58	9214.525	4306.391

Sample Name: K3127-22 Acquired: 06/10/2019 14:05:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0BB5S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3603862	.0535546	.0931092	.0381770	.0865828	4.201462	2.551750
Stddev	.0027830	.0009878	.0019709	.0016758	.0008946	.007082	.008327
%RSD	.7722395	1.844515	2.116783	4.389468	1.033197	.1685703	.3263425

#1	.3620232	.0529693	.0937360	.0381083	.0856435	4.209356	2.560466
#2	.3571728	.0529995	.0909011	.0365366	.0866802	4.199364	2.543875
#3	.3619626	.0546951	.0946905	.0398860	.0874247	4.195665	2.550910

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0520799	.0507249	1.433420	.2001966	.4837037	.3051776	5.412986
Stddev	.0003656	.0001443	.002489	.0003562	.0003475	.0012958	.022948
%RSD	.7019140	.2843899	.1736636	.1779175	.0718304	.4246135	.4239347

#1	.0524147	.0508329	1.436294	.2000515	.4834156	.3055422	5.428152
#2	.0521351	.0507807	1.432048	.1999359	.4840896	.3037385	5.424219
#3	.0516899	.0505611	1.431919	.2006025	.4836059	.3062521	5.386586

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6439132	.4975619	.5050327	.0499699	3.230810	.5174589	.6865586
Stddev	.0027726	.0163761	.0010148	.0001449	.096309	.0029327	.0008329
%RSD	.4305804	3.291279	.2009428	.2900283	2.980949	.5667451	.1213077

#1	.6462535	.5139940	.5061015	.0501346	3.309820	.5146402	.6861815
#2	.6446351	.4974494	.5040822	.0498618	3.123530	.5172431	.6875133
#3	.6408512	.4812423	.5049144	.0499133	3.259080	.5204936	.6859810

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8061888	.3362594	.1367318	.0006109	1.237244	4.521665	-.001823
Stddev	.0284907	.0015589	.0003973	.0003201	.001990	.007765	.001289
%RSD	3.533998	.4635899	.2905367	52.39248	.1608021	.1717295	70.68395

#1	.7883504	.3347378	.1371796	.0009800	1.238868	4.530206	-.002452
#2	.7911692	.3361874	.1365937	.0004105	1.237840	4.519758	-.000341
#3	.8390467	.3378530	.1364220	.0004421	1.235025	4.515031	-.002677

Sample Name: K3127-22 Acquired: 06/10/2019 14:05:27 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0BB5S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0333906	.0014028	.0235324
Stddev	.0009261	.0018842	.0000751
%RSD	2.773629	134.3111	.3189479

#1	.0332572	-.000771	.0235435
#2	.0343763	.002569	.0236012
#3	.0325385	.002411	.0234523

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2759.535	3927.020	61567.64	9489.502	4777.298
Stddev	17.066	6.714	349.41	54.774	6.010
%RSD	.6184196	.1709767	.5675250	.5772069	.1258024

#1	2740.547	3933.735	61188.54	9435.406	4784.234
#2	2764.464	3927.019	61876.78	9488.169	4774.012
#3	2773.593	3920.306	61637.60	9544.930	4773.647

Sample Name: K3127-21 Acquired: 06/10/2019 14:01:21 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0BB5D Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3124838	.0036510	.0712257	-.005914	.0017049	2.238295	.4522855
Stddev	.0058062	.0010303	.0007902	.004400	.0014222	.015709	.0012650
%RSD	1.858083	28.22054	1.109377	74.39949	83.42110	.7018097	.2796823

#1	.3180635	.0044619	.0717643	-.001288	.0004052	2.246016	.4508466
#2	.3129129	.0024916	.0703186	-.010046	.0032241	2.248650	.4527874
#3	.3064749	.0039995	.0715942	-.006408	.0014852	2.220221	.4532225

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003919	.0009012	1.350062	.0009233	.0008971	.0887995	4.056212
Stddev	.0000429	.0000567	.005706	.0002119	.0000435	.0007871	.032413
%RSD	10.94573	6.289092	.4226305	22.94798	4.853113	.8863759	.7990960

#1	.0003436	.0009019	1.348021	.0007041	.0009228	.0881995	4.019232
#2	.0004066	.0008442	1.356508	.0011271	.0008469	.0896907	4.079696
#3	.0004256	.0009575	1.345657	.0009387	.0009217	.0885084	4.069709

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1196140	.4939584	.0018272	.0016750	3.309101	.0086105	.1809781
Stddev	.0004319	.0284129	.0003050	.0004552	.443943	.0010019	.0020290
%RSD	.3611013	5.752082	16.69335	27.17384	13.41583	11.63623	1.121127

#1	.1194392	.5142596	.0016574	.0020269	3.674101	.0097360	.1786654
#2	.1201060	.5061280	.0016448	.0011610	2.814885	.0082798	.1818099
#3	.1192969	.4614877	.0021793	.0018370	3.438318	.0078157	.1824590

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8952523	.3370233	.1338795	.0004053	1.224842	4.088903	-.003094
Stddev	.0427254	.0017389	.0010794	.0004640	.007684	.043640	.000713
%RSD	4.772445	.5159510	.8062361	114.4795	.6273431	1.067270	23.03373

#1	.9060169	.3364190	.1350439	.0008626	1.224455	4.079593	-.002284
#2	.9315659	.3356671	.1336821	.0004183	1.217360	4.136446	-.003371
#3	.8481740	.3389836	.1329123	-.000065	1.232713	4.050669	-.003626

Sample Name: K3127-21 Acquired: 06/10/2019 14:01:21 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0BB5D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0293319	.0002163	.0225868
Stddev	.0021778	.0016864	.0001708
%RSD	7.424796	779.6182	.7562985

#1	.0273786	-.001624	.0224109
#2	.0316802	.000585	.0227521
#3	.0289370	.001688	.0225973

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2788.372	3911.173	62222.25	9517.246	4780.445
Stddev	8.077	8.356	251.51	73.849	6.580
%RSD	.2896625	.2136460	.4042203	.7759515	.1376536

#1	2794.021	3919.843	62490.80	9523.551	4786.434
#2	2791.974	3903.171	62183.72	9440.447	4781.499
#3	2779.121	3910.507	61992.22	9587.741	4773.400

Sample Name: K3127-20LX5 Acquired: 06/10/2019 14:09:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0BB5L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0591610	.0010118	.0127023	-.006290	.0004260	.4475602	.0886240
Stddev	.0018271	.0019617	.0024030	.000626	.0007318	.0072731	.0000796
%RSD	3.088388	193.8762	18.91746	9.960140	171.7947	1.625067	.0898077

#1	.0575646	-.000702	.0102783	-.005880	.0008968	.4391956	.0887156
#2	.0587646	.003152	.0150837	-.005979	.0007981	.4510917	.0885718
#3	.0611537	.000585	.0127450	-.007011	-.000417	.4523934	.0885845

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002496	.0003352	.2743649	.0038904	.0007804	.0193092	.8044457
Stddev	.0000630	.0001356	.0046735	.0001722	.0002055	.0007170	.0051084
%RSD	25.24040	40.44474	1.703375	4.426298	26.33874	3.713404	.6350185

#1	.0003217	.0001790	.2691079	.0039816	.0009728	.0199882	.8019248
#2	.0002222	.0004217	.2780490	.0036918	.0005638	.0185594	.8010878
#3	.0002049	.0004050	.2759377	.0039979	.0008046	.0193800	.8103246

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0235903	.1211433	.0026570	.0004454	.6509278	.0026529	.0346542
Stddev	.0001818	.0263232	.0002826	.0000939	.1605313	.0034479	.0010386
%RSD	.7707489	21.72894	10.63573	21.09214	24.66192	129.9641	2.996918

#1	.0237988	.1476533	.0028673	.0003981	.4884971	.0027831	.0350270
#2	.0234652	.1207655	.0023358	.0003844	.6547965	-.000858	.0354549
#3	.0235067	.0950111	.0027679	.0005535	.8094898	.006034	.0334807

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1111365	.0677032	.0190644	.0001448	.2307247	.7779115	-.002801
Stddev	.0278440	.0020683	.0007546	.0001295	.0045054	.0027168	.000297
%RSD	25.05387	3.054969	3.958101	89.40761	1.952695	.3492448	10.61393

#1	.1108541	.0654368	.0197993	.0002390	.2294171	.7779121	-.002798
#2	.0834348	.0694887	.0182915	-.000003	.2270177	.7806280	-.002505
#3	.1391206	.0681842	.0191023	.000198	.2357392	.7751944	-.003100

Sample Name: K3127-20LX5 Acquired: 06/10/2019 14:09:26 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0BB5L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0064335	.0014377	.0044949
Stddev	.0010519	.0028117	.0000338
%RSD	16.34962	195.5748	.7511653

#1	.0061203	-.001199	.0044662
#2	.0055738	.001115	.0045321
#3	.0076064	.004397	.0044865

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2552.226	3627.020	57260.09	8872.985	4428.542
Stddev	11.779	6.942	360.45	51.794	6.762
%RSD	.4615186	.1913957	.6294964	.5837322	.1526818

#1	2551.665	3619.181	57115.23	8886.236	4431.690
#2	2540.738	3632.392	56994.60	8815.852	4433.156
#3	2564.276	3629.487	57670.43	8916.866	4420.781

Sample Name: PB120469BL Acquired: 06/10/2019 14:13:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: PBW469 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026057	.0015603	-.002762	-.006351	-.000488	-.000691	.0005387
Stddev	.0017952	.0006285	.002506	.003678	.000793	.006885	.0001872
%RSD	68.89654	40.28369	90.75429	57.91110	162.4709	996.4154	34.76072

#1	.0015551	.0011630	-.004228	-.004703	.000288	-.005712	.0004044
#2	.0046786	.0012329	.000132	-.003785	-.001297	.007157	.0004590
#3	.0015834	.0022849	-.004189	-.010564	-.000455	-.003518	.0007525

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000416	-.000035	-.005533	.0000258	.0004550	.0025869	.0049784
Stddev	.0000881	.000048	.001651	.0001759	.0001115	.0029253	.0066619
%RSD	211.5896	138.9312	29.84803	681.8236	24.51048	113.0808	133.8159

#1	.0000684	-.000054	-.006572	-.000063	.0003264	.0007162	.0121756
#2	-.000057	.000020	-.003628	-.000088	.0005252	.0059580	-.000972
#3	.000113	-.000071	-.006397	.000228	.0005133	.0010865	.003732

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000900	-.002247	.0000600	.0002393	-.337284	.0013008	-.008455
Stddev	.0002066	.021242	.0003327	.0004169	.237738	.0000689	.001119
%RSD	229.5908	945.4112	554.2483	174.1755	70.48597	5.297173	13.23770

#1	.0002380	-.006962	-.000323	.0007013	-.575741	.0013173	-.007522
#2	-.000146	.020956	.000279	-.000109	-.100272	.0012251	-.009696
#3	.000178	-.020735	.000224	.000125	-.335840	.0013600	-.008148

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.062593	.0012171	-.010195	-.000427	-.005571	-.000224	-.002769
Stddev	.053679	.0027895	.001811	.000358	.003282	.000457	.001209
%RSD	85.75850	229.1908	17.76012	83.90375	58.92120	203.9596	43.67736

#1	-.124395	-.000126	-.008111	-.000127	-.008221	-.000749	-.003179
#2	-.027590	-.000647	-.011093	-.000330	-.001899	-.000011	-.003721
#3	-.035795	.004424	-.011381	-.000823	-.006592	.000088	-.001408

Sample Name: PB120469BL Acquired: 06/10/2019 14:13:34 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: PBW469 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0014333	.0034427	-.000024
Stddev	.0008262	.0026909	.000097
%RSD	57.64075	78.16170	399.8360

#1	.0022496	.0019301	-.000133
#2	.0014527	.0065495	.000052
#3	.0005976	.0018485	.000008

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2483.100	3530.771	55800.06	8651.302	4316.690
Stddev	1.459	3.463	131.79	73.450	4.751
%RSD	.0587423	.0980762	.2361878	.8490045	.1100541

#1	2484.628	3526.880	55681.73	8661.225	4316.139
#2	2482.950	3531.917	55776.35	8573.395	4312.238
#3	2481.722	3533.516	55942.10	8719.286	4321.692

Sample Name: CCV070 Acquired: 06/10/2019 14:21:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV070 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.894081	4.785061	24.30020	4.794647	4.978178	406.1666	10.57174
Stddev	.027622	.008650	.03297	.012002	.009563	3.0339	.06340
%RSD	.5643939	.1807649	.1356643	.2503188	.1921057	.7469588	.5996782

#1	4.862198	4.778842	24.29783	4.792156	4.978902	409.6446	10.59455
#2	4.909278	4.781402	24.26848	4.784086	4.968273	404.0643	10.62057
#3	4.910768	4.794939	24.33429	4.807699	4.987359	404.7908	10.50009

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5088870	2.438342	413.7465	14.87487	2.467339	15.12465	422.4880
Stddev	.0015786	.000402	2.7781	.01617	.001131	.05095	1.5706
%RSD	.3101968	.0164736	.6714487	.1087049	.0458530	.3368617	.3717452

#1	.5078647	2.437886	414.7678	14.88976	2.466686	15.09823	422.8314
#2	.5107051	2.438499	415.8694	14.85767	2.468645	15.18338	423.8585
#3	.5080913	2.438642	410.6023	14.87717	2.466685	15.09234	420.7742

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.33165	412.0245	2.504047	1.262585	426.2050	2.558512	14.64274
Stddev	.09776	1.5597	.005701	.004261	1.8662	.008551	.08655
%RSD	.6376485	.3785520	.2276861	.3374511	.4378708	.3342292	.5910891

#1	15.37221	412.1374	2.510421	1.266445	427.0758	2.553663	14.64263
#2	15.40261	413.5247	2.499432	1.263296	427.4768	2.568386	14.72935
#3	15.22014	410.4114	2.502289	1.258014	424.0626	2.553487	14.55625

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	154.9920	4.838024	5.075490	5.016418	4.864134	4.976080	5.176158
Stddev	.4670	.010346	.018486	.006104	.003633	.006982	.012862
%RSD	.3012863	.2138463	.3642295	.1216803	.0746837	.1403147	.2484931

#1	154.6115	4.834835	5.071339	5.012223	4.861726	4.975370	5.166451
#2	155.5131	4.829647	5.095699	5.013611	4.868313	4.983389	5.171277
#3	154.8513	4.849589	5.059431	5.023421	4.862364	4.969479	5.190747

Sample Name: CCV070 Acquired: 06/10/2019 14:21:45 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCV070 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.088430	5.425243	5.011247
Stddev	.023484	.039518	.032560
%RSD	.4615269	.7284021	.6497400

#1	5.103911	5.438745	4.988290
#2	5.099972	5.456240	5.048511
#3	5.061408	5.380744	4.996940

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2131.956	3037.010	49826.53	8182.133	3417.648
Stddev	13.595	2.602	316.11	43.475	6.360
%RSD	.6376856	.0856759	.6344263	.5313442	.1861063

#1	2126.912	3038.937	49530.43	8160.723	3414.176
#2	2121.604	3034.050	49789.72	8153.514	3413.778
#3	2147.353	3038.042	50159.43	8232.161	3424.988

Sample Name: PB120469BS Acquired: 06/10/2019 14:17:40 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: LCS469 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0192185	.0490344	.0158326	.0638656	.1093151	.3410325
Stddev	.0019133	.0021149	.0009232	.0014917	.0017354	.0085241
%RSD	9.955287	4.313127	5.830750	2.335621	1.587484	2.499513

#1	.0173108	.0490943	.0164332	.0641332	.1086080	.3474455
#2	.0192073	.0511187	.0147696	.0652054	.1080449	.3442925
#3	.0211373	.0468902	.0162950	.0622583	.1112923	.3313595

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3633127	.0101334	.0092388	9.114700	.0189607	.0849199
Stddev	.0015178	.0001876	.0001246	.078022	.0003200	.0001486
%RSD	.4177641	1.851634	1.348209	.8560001	1.687817	.1749427

#1	.3621325	.0101436	.0092174	9.074549	.0185913	.0848822
#2	.3627807	.0099408	.0093727	9.064932	.0191521	.0850837
#3	.3650249	.0103157	.0091264	9.204621	.0191389	.0847939

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0396757	.1898434	.0292432	8.779330	.0720496	.0178398
Stddev	.0025767	.0071162	.0005675	.047892	.0004185	.0003411
%RSD	6.494365	3.748479	1.940484	.5455087	.5808756	1.911762

#1	.0426400	.1824466	.0288073	8.788625	.0715664	.0174473
#2	.0379726	.1904423	.0290375	8.727471	.0722856	.0180638
#3	.0384144	.1966413	.0298848	8.821893	.0722968	.0180082

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.664237	.0959084	.1433859	7.742507	.0169935	.1636844
Stddev	.176286	.0028348	.0024177	.021213	.0002191	.0021680
%RSD	2.034634	2.955686	1.686127	.2739831	1.289572	1.324501

#1	8.598358	.0960019	.1439038	7.751983	.0167454	.1618601
#2	8.530379	.0930281	.1407512	7.718207	.0170741	.1631118
#3	8.863975	.0986953	.1455026	7.757330	.0171609	.1660812

Sample Name: PB120469BS Acquired: 06/10/2019 14:17:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: LCS469 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0167434	.1410492	.1735991	F .0511831	.1619102	.0314694
Stddev	.0003905	.0016856	.0022858	.0002707	.0016120	.0005845
%RSD	2.332129	1.195040	1.316729	.5289553	.9956285	1.857274

#1	.0163031	.1410460	.1714616	.0510950	.1605976	.0311472
#2	.0168795	.1393652	.1733269	.0514869	.1614234	.0311170
#3	.0170477	.1427364	.1760089	.0509673	.1637095	.0321441

Elem	Sr4077
Units	ppm
Avg	.1764725
Stddev	.0004484
%RSD	.2540947

#1	.1764552
#2	.1760330
#3	.1769293

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2793.590	3938.607	62209.35	9545.520	4823.518
Stddev	6.261	4.860	82.15	72.273	10.006
%RSD	.2241101	.1233856	.1320560	.7571412	.2074446

#1	2790.136	3943.833	62147.14	9553.987	4834.591
#2	2789.818	3934.223	62178.44	9613.187	4815.123
#3	2800.817	3937.766	62302.47	9469.387	4820.839

Sample Name: CCB070 Acquired: 06/10/2019 14:25:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCB070 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002022	.0015445	-.002478	-.005915	.0001045	.0056224	.0003324
Stddev	.002379	.0015259	.000356	.002387	.0012223	.0069430	.0002025
%RSD	117.6452	98.79419	14.36163	40.36171	1169.808	123.4878	60.92499

#1	-.004490	-.000090	-.002856	-.008102	.0011659	.0100625	.0004570
#2	.000258	.002931	-.002427	-.006276	.0003794	-.002379	.0004414
#3	-.001836	.001792	-.002150	-.003368	-.001232	.009183	.0000987

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000690	.0000333	.0053133	.0003926	.0004664	.0029857	.0028843
Stddev	.0000300	.0000456	.0014228	.0007002	.0002345	.0037763	.0058732
%RSD	43.41206	136.8311	26.77737	178.3456	50.27265	126.4764	203.6234

#1	.0000367	.0000093	.0065781	-.000023	.0002115	.0002199	.0096452
#2	.0000959	.0000859	.0055891	-.000000	.0005150	.0072880	-.000035
#3	.0000743	.0000047	.0037729	.001201	.0006729	.0014493	-.000957

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000272	.0277642	-.000131	.0001468	.1560781	-.001019	-.006820
Stddev	.000255	.0180043	.000069	.0001620	.1111150	.002913	.000748
%RSD	93.55443	64.84713	52.49440	110.3264	71.19190	285.9398	10.96161

#1	-.000042	.0483378	-.000210	-.000040	.1971961	-.001571	-.006483
#2	-.000229	.0200658	-.000099	.000235	.0302646	-.003617	-.006300
#3	-.000546	.0148891	-.000084	.000245	.2407737	.002131	-.007677

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0057070	.0010658	.0023193	-.000295	-.006214	-.000210	-.001054
Stddev	.0533128	.0011934	.0009318	.000049	.001817	.000850	.001113
%RSD	934.1594	111.9741	40.17515	16.61089	29.24647	405.1606	105.5310

#1	.0210519	.0006450	.0025619	-.000329	-.005112	-.001087	-.002207
#2	.0496646	.0001398	.0031057	-.000239	-.005217	-.000153	.000012
#3	-.053595	.0024126	.0012902	-.000317	-.008311	.000610	-.000968

Sample Name: CCB070 Acquired: 06/10/2019 14:25:44 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCB070 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0010940	.0055537	.0001104
Stddev	.0009618	.0020332	.0000783
%RSD	87.91072	36.61058	70.88853

#1	.0022033	.0070456	.0000391
#2	.0005855	.0032378	.0001942
#3	.0004933	.0063777	.0000980

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2496.590	3528.130	56248.69	8669.727	4318.826
Stddev	12.142	2.938	207.93	45.692	2.050
%RSD	.4863461	.0832678	.3696659	.5270284	.0474663

#1	2510.459	3524.739	56468.31	8619.331	4316.834
#2	2491.437	3529.916	56054.85	8681.397	4318.715
#3	2487.875	3529.735	56222.90	8708.451	4320.929

Sample Name: PB120469TB Acquired: 06/10/2019 14:29:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: LEB469 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000266	.0015720	-.001179	-.006186	.0016882	-.008773	.0002125
Stddev	.000857	.0016967	.000727	.001081	.0008745	.002395	.0007109
%RSD	322.6501	107.9335	61.67499	17.47161	51.80211	27.29927	334.4839

#1	.000420	.0007557	-.000611	-.006120	.0009492	-.006675	-.000400
#2	-.001227	.0035226	-.001998	-.005140	.0026537	-.011382	.000992
#3	.000010	.0004377	-.000927	-.007298	.0014617	-.008261	.000046

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000828	.0000210	-.002351	-.000239	.0003336	.0006916	.0018667
Stddev	.0000473	.0000694	.013289	.000136	.0001340	.0005332	.0067716
%RSD	57.16181	331.0547	565.3278	56.96661	40.18317	77.09868	362.7594

#1	.0000453	.0000293	-.016260	-.000230	.0004647	.0008440	.0021798
#2	.0000671	-.000052	-.001009	-.000108	.0003392	.0000988	-.005056
#3	.0001359	.000086	.010217	-.000380	.0001968	.0011321	.008476

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000124	-.006304	-.000060	.0001585	.2131172	.0022594	-.008121
Stddev	.000097	.022672	.000453	.0002459	.1323073	.0009138	.001327
%RSD	78.03329	359.6120	752.5328	155.1530	62.08198	40.44339	16.34294

#1	-.000227	.019732	-.000454	.0004287	.2050980	.0033021	-.008725
#2	-.000034	-.021686	-.000161	.0000987	.0850018	.0015982	-.006599
#3	-.000112	-.016960	.000434	-.000052	.3492517	.0018779	-.009039

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.044823	.0016227	-.004177	-.000198	-.007994	-.001753	-.002434
Stddev	.028155	.0014776	.000305	.000207	.004602	.001126	.000594
%RSD	62.81362	91.05986	7.296065	104.5462	57.56688	64.23689	24.38714

#1	-.013852	.0033075	-.004257	-.000433	-.002696	-.000841	-.001970
#2	-.051746	.0005472	-.003840	-.000043	-.010290	-.001407	-.002230
#3	-.068871	.0010133	-.004433	-.000117	-.010996	-.003012	-.003103

Sample Name: PB120469TB Acquired: 06/10/2019 14:29:52 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: LEB469 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0016763	.0029723	-.000024
Stddev	.0002573	.0013405	.000078
%RSD	15.34921	45.09838	327.6820

#1	.0016936	.0015967	-.000056
#2	.0014107	.0030457	-.000080
#3	.0019245	.0042746	.000065

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2499.328	3520.542	56086.45	8628.903	4317.386
Stddev	14.916	9.764	241.63	31.577	9.719
%RSD	.5968116	.2773394	.4308153	.3659450	.2251098

#1	2513.613	3509.300	56363.53	8612.742	4307.767
#2	2483.852	3526.906	55919.57	8665.289	4317.190
#3	2500.519	3525.419	55976.25	8608.676	4327.202

Sample Name: K3127-01 Acquired: 06/10/2019 14:34:00 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0AS2 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0674339	.0035341	.1148937	-.007425	.0004782	1.606999	.2422745
Stddev	.0026059	.0021471	.0020576	.002207	.0014748	.005323	.0002483
%RSD	3.864408	60.75356	1.790833	29.72450	308.4159	.3312574	.1024930

#1	.0655843	.0022945	.1151455	-.006792	.0019081	1.603672	.2422654
#2	.0663033	.0022944	.1127219	-.009879	-.001038	1.604186	.2420309
#3	.0704142	.0060133	.1168138	-.005603	.000564	1.613138	.2425273

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003262	.0006447	1.274114	.0002183	.0010913	.0512699	2.842667
Stddev	.0000550	.0000270	.008451	.0005678	.0000836	.0012867	.012056
%RSD	16.85845	4.187165	.6632543	260.0490	7.660488	2.509599	.4241095

#1	.0002741	.0006465	1.268078	-.000295	.0010052	.0527487	2.831302
#2	.0003208	.0006168	1.270492	.000121	.0010965	.0506543	2.841386
#3	.0003836	.0006707	1.283772	.000828	.0011722	.0504067	2.855312

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.165079	.5982818	.0004869	.0047640	1.683167	.0021942	.2831114
Stddev	.003527	.0184825	.0001009	.0003381	.094360	.0020254	.0027939
%RSD	.3027184	3.089268	20.71646	7.096635	5.606093	92.30634	.9868578

#1	1.169126	.5769862	.0004091	.0047780	1.605728	.0043599	.2858995
#2	1.163452	.6101443	.0006008	.0044191	1.655508	.0003469	.2803117
#3	1.162660	.6077151	.0004508	.0050949	1.788266	.0018757	.2831229

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1846432	.1857255	.0811989	-.000530	.5387559	4.424407	-.003623
Stddev	.0107222	.0039135	.0000423	.000483	.0014378	.023975	.000368
%RSD	5.806981	2.107141	.0521105	91.11753	.2668675	.5418840	10.16521

#1	.1922089	.1816282	.0812478	-.000597	.5395562	4.430850	-.003470
#2	.1723730	.1861235	.0811747	-.000017	.5396155	4.444503	-.003355
#3	.1893477	.1894248	.0811744	-.000975	.5370961	4.397869	-.004043

Sample Name: K3127-01 Acquired: 06/10/2019 14:34:00 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0AS2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0138186	.0007448	.0292110
Stddev	.0010200	.0011900	.0000620
%RSD	7.381329	159.7805	.2123897

#1	.0132088	.0011966	.0291706
#2	.0149961	-.000605	.0291800
#3	.0132508	.001643	.0292825

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2814.696	3922.162	62845.54	9626.903	4796.147
Stddev	22.606	7.920	285.03	38.399	3.709
%RSD	.8031531	.2019352	.4535399	.3988723	.0773418

#1	2794.591	3930.968	62516.59	9601.992	4800.282
#2	2839.167	3915.622	63000.88	9607.592	4795.045
#3	2810.330	3919.895	63019.16	9671.124	4793.113

Sample Name: K3127-02 Acquired: 06/10/2019 14:38:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0AS6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0389000	.0042498	.1808148	-.008425	-.001605	1.905351	.2415916
Stddev	.0017200	.0019718	.0015124	.001662	.001126	.002247	.0010281
%RSD	4.421526	46.39741	.8364459	19.72788	70.15542	.1179207	.4255381

#1	.0369916	.0041692	.1816019	-.009954	-.002814	1.903312	.2405499
#2	.0403305	.0023195	.1790711	-.006656	-.001414	1.904982	.2416193
#3	.0393779	.0062606	.1817713	-.008665	-.000587	1.907760	.2426055

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003867	.0002409	.5303105	.0002513	.0018365	.0667303	5.579021
Stddev	.0000243	.0000296	.0117452	.0001708	.0000783	.0011186	.012155
%RSD	6.274934	12.28307	2.214780	67.97001	4.262122	1.676235	.2178648

#1	.0003870	.0002705	.5265926	.0000590	.0017603	.0680032	5.580530
#2	.0003623	.0002113	.5208742	.0003093	.0019167	.0659043	5.566182
#3	.0004108	.0002410	.5434647	.0003856	.0018326	.0662834	5.590350

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.553952	.4478083	.0012187	.0025343	1.992766	.0058640	.2326745
Stddev	.007377	.0067361	.0002734	.0001670	.115843	.0018891	.0051992
%RSD	.4747107	1.504229	22.43075	6.587881	5.813185	32.21563	2.234527

#1	1.549763	.4427751	.0012061	.0027263	2.009971	.0042634	.2360271
#2	1.549624	.4451893	.0009519	.0024233	1.869283	.0079478	.2353111
#3	1.562470	.4554605	.0014982	.0024533	2.099045	.0053809	.2266852

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5398083	.1568349	.0605947	-.000523	1.665473	3.831693	-.002705
Stddev	.0572619	.0008992	.0004179	.000143	.009923	.035287	.000513
%RSD	10.60781	.5733621	.6897269	27.36341	.5958064	.9209225	18.98411

#1	.6042802	.1558063	.0603036	-.000682	1.672409	3.851887	-.002915
#2	.5202786	.1574720	.0604068	-.000404	1.654107	3.790948	-.003079
#3	.4948661	.1572263	.0610736	-.000484	1.669904	3.852244	-.002119

Sample Name: K3127-02 Acquired: 06/10/2019 14:38:03 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0AS6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0495752	.0014894	.0097032
Stddev	.0019066	.0016344	.0000312
%RSD	3.845924	109.7366	.3214532

#1	.0474892	.0033667	.0096997
#2	.0500087	.0007181	.0096738
#3	.0512278	.0003834	.0097359

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2801.208	3923.668	62607.07	9680.722	4805.623
Stddev	13.189	7.735	116.30	67.001	7.781
%RSD	.4708282	.1971309	.1857643	.6921097	.1619129

#1	2800.890	3926.093	62584.03	9654.552	4812.465
#2	2788.182	3915.011	62504.02	9756.859	4807.244
#3	2814.554	3929.899	62733.17	9630.756	4797.159

Sample Name: K3127-04 Acquired: 06/10/2019 14:46:14 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0AT4 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1591381	.0038818	.6879222	-.008848	.0025851	1.434737	.1805361
Stddev	.0036945	.0018195	.0013113	.003702	.0018443	.012370	.0016585
%RSD	2.321541	46.87330	.1906185	41.84182	71.34052	.8621568	.9186641

#1	.1633882	.0049465	.6885253	-.008249	.0029275	1.434757	.1789535
#2	.1566947	.0017808	.6864179	-.005481	.0005937	1.422357	.1803935
#3	.1573314	.0049179	.6888235	-.012812	.0042342	1.447096	.1822613

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003261	.0003813	.9593061	.0004296	.0006795	.0982716	2.055556
Stddev	.0000557	.0000202	.0183468	.0001006	.0001478	.0022451	.018075
%RSD	17.07008	5.291142	1.912508	23.41044	21.74522	2.284568	.8793384

#1	.0003158	.0004037	.9476430	.0004451	.0005811	.0971164	2.038704
#2	.0002764	.0003644	.9498216	.0005216	.0006080	.0968394	2.053318
#3	.0003862	.0003759	.9804538	.0003222	.0008494	.1008591	2.074646

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3435990	.2821518	.0006587	.0023379	1.618245	.0030321	.1764926
Stddev	.0037876	.0219486	.0001974	.0000534	.160438	.0012287	.0041823
%RSD	1.102330	7.779000	29.96550	2.281836	9.914326	40.52366	2.369695

#1	.3411151	.2776835	.0008047	.0022884	1.712368	.0023146	.1723012
#2	.3417234	.3059907	.0007373	.0023944	1.432995	.0044509	.1765106
#3	.3479584	.2627812	.0004341	.0023309	1.709372	.0023309	.1806658

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.091420	.1883607	.0560238	.0018334	.6598811	3.158161	-.003062
Stddev	.010625	.0015426	.0010274	.0002383	.0009666	.004476	.000637
%RSD	11.62225	.8189613	1.833813	13.00050	.1464728	.1417306	20.79551

#1	-.098168	.1865798	.0565163	.0019143	.6589484	3.156126	-.003609
#2	-.079173	.1892787	.0567122	.0020208	.6608783	3.163293	-.002363
#3	-.096921	.1892238	.0548429	.0015652	.6598166	3.155063	-.003215

Sample Name: K3127-04 Acquired: 06/10/2019 14:46:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0AT4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0223752	.0007214	.0109139
Stddev	.0010083	.0004077	.0000716
%RSD	4.506345	56.51080	.6559186

#1	.0219346	.0011847	.0108759
#2	.0235288	.0004173	.0109965
#3	.0216622	.0005622	.0108694

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2813.027	3946.370	62900.32	9572.284	4816.293
Stddev	13.911	6.103	218.73	38.736	7.432
%RSD	.4945242	.1546365	.3477428	.4046642	.1543173

#1	2826.202	3946.676	63117.10	9612.714	4811.457
#2	2814.397	3952.313	62904.16	9535.501	4824.851
#3	2798.482	3940.120	62679.69	9568.636	4812.570

Sample Name: K3127-03 Acquired: 06/10/2019 14:42:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0AS9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1241505	.0028828	.0819029	-.006198	.0024389	.8287335	.1176359
Stddev	.0010950	.0014894	.0007934	.003726	.0010717	.0024741	.0002823
%RSD	.8819962	51.66489	.9686736	60.11501	43.94124	.2985363	.2399874

#1	.1242830	.0023885	.0821855	-.010048	.0015846	.8260260	.1173708
#2	.1251733	.0017034	.0810069	-.005936	.0020906	.8308765	.1176043
#3	.1229953	.0045565	.0825162	-.002610	.0036413	.8292981	.1179327

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003206	.0000905	.5856496	.0000271	.0005537	.0399536	.7556340
Stddev	.0000124	.0000158	.0059758	.0002882	.0000978	.0035785	.0113578
%RSD	3.878461	17.45667	1.020375	1062.320	17.65471	8.956692	1.503082

#1	.0003081	.0000735	.5884269	-.000265	.0006588	.0429676	.7530765
#2	.0003207	.0000932	.5787905	.000035	.0005367	.0408947	.7680525
#3	.0003329	.0001047	.5897313	.000312	.0004655	.0359986	.7457729

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0301623	.1643993	.0001569	.0006618	1.504427	-.000094	.0473446
Stddev	.0005389	.0109779	.0003425	.0003067	.037381	.001193	.0006350
%RSD	1.786747	6.677589	218.2869	46.34530	2.484740	1266.513	1.341328

#1	.0306736	.1732277	.0001760	.0004616	1.471280	-.001248	.0469205
#2	.0295995	.1521073	-.000195	.0010148	1.497057	.001134	.0480747
#3	.0302139	.1678629	.000489	.0005088	1.544945	-.000169	.0470386

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.336876	.0629499	.0672527	.0003585	.4714952	1.895911	-.003320
Stddev	.031356	.0027389	.0012492	.0001344	.0033247	.011344	.000599
%RSD	9.307795	4.350921	1.857478	37.50023	.7051445	.5983576	18.02894

#1	-.332364	.0606988	.0686209	.0004329	.4690845	1.908262	-.003293
#2	-.308021	.0621516	.0661729	.0004393	.4701131	1.893516	-.002736
#3	-.370244	.0659992	.0669643	.0002033	.4752881	1.885956	-.003932

Sample Name: K3127-03 Acquired: 06/10/2019 14:42:07 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0AS9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0089152	-.000449	.0053424
Stddev	.0003442	.001545	.0000361
%RSD	3.860618	344.1472	.6759589

#1	.0091734	.001125	.0053587
#2	.0090477	-.001963	.0053674
#3	.0085244	-.000509	.0053010

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2792.495	3915.702	62478.52	9586.782	4788.800
Stddev	11.793	3.912	91.81	39.856	6.391
%RSD	.4223114	.0999028	.1469408	.4157384	.1334583

#1	2805.800	3917.367	62581.96	9542.154	4795.246
#2	2788.355	3918.505	62446.89	9599.364	4788.690
#3	2783.330	3911.232	62406.71	9618.829	4782.465

Sample Name: K3127-05 Acquired: 06/10/2019 14:50:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0AU1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1095960	.0050335	.0124839	-.007059	.0018783	1.991639	.3384389
Stddev	.0013880	.0011387	.0009421	.001752	.0015884	.009022	.0014918
%RSD	1.266438	22.62180	7.546116	24.82034	84.56502	.4529703	.4408014

#1	.1099338	.0055669	.0113985	-.007776	.0005067	1.981232	.3379054
#2	.1107839	.0037260	.0130886	-.005062	.0036187	1.996449	.3372871
#3	.1080703	.0058076	.0129647	-.008339	.0015097	1.997237	.3401241

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005540	.0000475	.7667237	-.000209	.0018684	.0217063	10.29637
Stddev	.0001060	.0000146	.0010827	.000154	.0002015	.0028449	.03823
%RSD	19.14038	30.70724	.1412106	73.45694	10.78694	13.10624	.3713124

#1	.0005169	.0000405	.7675230	-.000303	.0016361	.0184248	10.26953
#2	.0004716	.0000377	.7654915	-.000292	.0019965	.0232165	10.27944
#3	.0006737	.0000642	.7671566	-.000032	.0019727	.0234777	10.34015

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0218354	.3499733	.0006497	-.000091	2.363664	.0070759	.1351395
Stddev	.0001646	.0148540	.0002186	.000027	.191970	.0015457	.0029311
%RSD	.7539331	4.244330	33.63990	29.96068	8.121719	21.84442	2.168974

#1	.0217359	.3362270	.0005261	-.000121	2.159572	.0078470	.1373222
#2	.0220255	.3657302	.0005209	-.000085	2.390794	.0080844	.1362884
#3	.0217450	.3479628	.0009020	-.000068	2.540625	.0052964	.1318080

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.635745	.4740103	.1579214	-.000196	2.968383	3.336185	-.003599
Stddev	.072041	.0017838	.0021172	.000193	.000503	.043223	.000353
%RSD	4.404185	.3763107	1.340671	98.38006	.0169410	1.295572	9.799647

#1	1.714466	.4724640	.1563405	.000005	2.968963	3.311340	-.003347
#2	1.619669	.4759618	.1570968	-.000213	2.968076	3.311121	-.004002
#3	1.573100	.4736052	.1603268	-.000380	2.968110	3.386094	-.003448

Sample Name: K3127-05 Acquired: 06/10/2019 14:50:19 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0AU1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0114016	.0004793	.0161025
Stddev	.0003461	.0009622	.0000217
%RSD	3.035781	200.7647	.1346688

#1	.0112051	.0004941	.0160992
#2	.0111985	-.000490	.0160827
#3	.0118013	.001434	.0161257

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2808.855	3923.640	62894.32	9588.569	4812.393
Stddev	27.387	4.215	353.80	59.581	4.083
%RSD	.9750407	.1074219	.5625373	.6213725	.0848364

#1	2788.622	3928.010	62593.15	9596.332	4816.376
#2	2797.922	3923.309	62805.84	9643.888	4812.584
#3	2840.020	3919.600	63283.97	9525.488	4808.218

Sample Name: K3127-06 Acquired: 06/10/2019 14:54:24 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0AU5 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4569752	.0055058	-.000482	-.005872	.0999399	.5698240	.2598003
Stddev	.0026491	.0012468	.000246	.002212	.0014774	.0129753	.0015344
%RSD	.5797131	22.64508	50.95642	37.67097	1.478248	2.277069	.5906103

#1	.4585419	.0069453	-.000721	-.004006	.1003062	.5587522	.2595770
#2	.4539165	.0047670	-.000495	-.008316	.0983138	.5841017	.2614341
#3	.4584671	.0048050	-.000230	-.005295	.1011996	.5666182	.2583897

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002734	-.000060	.5888602	.0001766	.0003882	.0070845	.5053503
Stddev	.0000757	.000059	.0079891	.0005916	.0002205	.0009519	.0077972
%RSD	27.70418	99.03249	1.356711	334.9996	56.80638	13.43596	1.542934

#1	.0003530	-.000005	.5855455	-.000506	.0001395	.0076813	.4975675
#2	.0002647	-.000051	.5979731	.000529	.0005597	.0075855	.5131619
#3	.0002023	-.000123	.5830620	.000507	.0004655	.0059868	.5053216

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0040299	.1337269	.0002541	.0003987	2.422555	.0014708	.1780459
Stddev	.0001852	.0122653	.0001174	.0002365	.231116	.0004413	.0029355
%RSD	4.595055	9.171926	46.20452	59.33186	9.540165	30.00132	1.648756

#1	.0040382	.1475332	.0002472	.0004408	2.509878	.0015157	.1749192
#2	.0038407	.1295583	.0003747	.0001439	2.597287	.0018879	.1784756
#3	.0042108	.1240892	.0001403	.0006113	2.160500	.0010088	.1807429

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1036267	.0442998	.1641791	.0015273	1.837530	2.232899	-.002846
Stddev	.1018437	.0011403	.0012562	.0003066	.008212	.013908	.000142
%RSD	98.27937	2.574069	.7651128	20.07397	.4468850	.6228820	4.997446

#1	.2012079	.0443472	.1642533	.0012664	1.840446	2.230946	-.002687
#2	-.002002	.0454156	.1653965	.0018650	1.843886	2.247680	-.002892
#3	.111674	.0431365	.1628874	.0014504	1.828259	2.220070	-.002960

Sample Name: K3127-06 Acquired: 06/10/2019 14:54:24 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0AU5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0044876	-.001199	.0067551
Stddev	.0009658	.001361	.0000700
%RSD	21.52271	113.4610	1.036210

#1	.0040235	-.000858	.0067928
#2	.0038414	-.000042	.0067981
#3	.0055979	-.002698	.0066743

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2795.634	3897.890	62466.58	9629.681	4785.993
Stddev	17.436	3.097	269.05	87.825	4.392
%RSD	.6236971	.0794518	.4307138	.9120258	.0917598

#1	2809.998	3899.919	62770.76	9640.785	4789.262
#2	2776.234	3899.426	62369.21	9536.831	4781.002
#3	2800.669	3894.325	62259.76	9711.426	4787.716

Sample Name: K3127-08 Acquired: 06/10/2019 15:02:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0AV3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0277303	.0062034	.0073916	-.006667	-.001275	2.981552	.3928220
Stddev	.0048921	.0012584	.0020416	.002353	.001209	.010101	.0023417
%RSD	17.64165	20.28565	27.62024	35.28966	94.80561	.3387953	.5961304

#1	.0249819	.0061225	.0089767	-.008906	-.000052	2.970461	.3906391
#2	.0333785	.0049874	.0050879	-.006881	-.002470	2.983967	.3952954
#3	.0248305	.0075003	.0081101	-.004215	-.001303	2.990226	.3925314

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004837	-.000054	1.958201	.0014019	.0016455	.0135228	2.465926
Stddev	.0000501	.000096	.021843	.0001898	.0001158	.0015809	.014672
%RSD	10.35401	177.4133	1.115477	13.53617	7.039917	11.69035	.5949809

#1	.0005371	-.000097	1.946617	.0012810	.0015912	.0117146	2.467947
#2	.0004379	.000056	1.983396	.0013040	.0015668	.0142104	2.479482
#3	.0004759	-.000122	1.944590	.0016206	.0017785	.0146435	2.450348

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0273375	.6494738	.0012424	-.000221	2.914872	.0053002	.0624931
Stddev	.0005928	.0073462	.0003996	.000236	.093009	.0029880	.0026479
%RSD	2.168339	1.131099	32.16333	106.5375	3.190831	56.37443	4.237111

#1	.0266542	.6576491	.0016444	-.000412	2.849875	.0052867	.0625784
#2	.0277129	.6473455	.0012376	-.000294	3.021412	.0023191	.0598036
#3	.0276455	.6434267	.0008453	.000042	2.873330	.0082950	.0650973

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1688880	.1275933	.0807989	-.000068	1.194867	4.797112	-.003541
Stddev	.0549392	.0030510	.0007403	.000091	.004815	.026308	.000788
%RSD	32.52998	2.391185	.9162227	134.5366	.4029521	.5484211	22.26702

#1	.1388783	.1299181	.0800235	.000037	1.192248	4.774179	-.004118
#2	.1354896	.1241385	.0814982	-.000119	1.200423	4.825832	-.003861
#3	.2322962	.1287233	.0808749	-.000122	1.191929	4.791324	-.002642

Sample Name: K3127-08 Acquired: 06/10/2019 15:02:34 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0AV3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0619182	.0011859	.0213525
Stddev	.0002054	.0006734	.0001013
%RSD	.3316935	56.78577	.4743342

#1	.0620384	.0012075	.0214635
#2	.0616811	.0018483	.0212652
#3	.0620352	.0005020	.0213288

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2815.213	3953.387	62888.72	9733.272	4787.460
Stddev	27.643	16.207	425.55	32.682	10.827
%RSD	.9819296	.4099522	.6766729	.3357767	.2261590

#1	2819.286	3970.590	63054.14	9769.102	4799.626
#2	2840.593	3951.167	63206.73	9725.617	4783.872
#3	2785.758	3938.405	62405.30	9705.097	4778.882

Sample Name: K3127-07 Acquired: 06/10/2019 14:58:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0AU6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.019438	.0038107	.0019076	-.009650	.0024792	.6278995	.2724357
Stddev	.004616	.0009768	.0012037	.004504	.0025538	.0077090	.0011268
%RSD	.4528307	25.63425	63.09745	46.67309	103.0080	1.227737	.4136156

#1	1.018542	.0028611	.0016855	-.004827	.0054130	.6225757	.2716865
#2	1.015334	.0037581	.0032069	-.010375	.0012703	.6367396	.2737316
#3	1.024436	.0048127	.0008305	-.013747	.0007544	.6243831	.2718891

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005110	-.000065	1.073382	-.000976	.0008276	.0211658	8.828254
Stddev	.0000486	.000044	.004804	.000104	.0000978	.0019092	.058644
%RSD	9.500989	67.62698	.4475541	10.62092	11.81385	9.020295	.6642787

#1	.0004845	-.000056	1.070216	-.000958	.0007664	.0233703	8.760609
#2	.0004814	-.000112	1.078910	-.001087	.0009403	.0200828	8.864777
#3	.0005670	-.000026	1.071021	-.000882	.0007760	.0200443	8.859376

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0179070	.1902801	.0004399	.0002507	2.710939	.0038378	.2153756
Stddev	.0001808	.0044136	.0003233	.0006309	.298676	.0020612	.0023359
%RSD	1.009740	2.319535	73.50200	251.6359	11.01743	53.70704	1.084565

#1	.0176996	.1938721	.0006504	.0006614	2.857807	.0036973	.2162094
#2	.0180317	.1916150	.0006016	.0005664	2.907745	.0018505	.2127372
#3	.0179896	.1853531	.0000676	-.000476	2.367265	.0059657	.2171802

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8994022	.1139817	.1795129	.0008081	7.980738	1.822652	-.003590
Stddev	.0335400	.0017194	.0003986	.0001818	.014194	.024453	.000929
%RSD	3.729143	1.508524	.2220450	22.50071	.1778563	1.341611	25.88126

#1	.8672193	.1124178	.1790754	.0006025	7.966558	1.838272	-.002700
#2	.8968354	.1137043	.1796079	.0008745	7.980708	1.835213	-.003516
#3	.9341518	.1158230	.1798555	.0009475	7.994946	1.794472	-.004553

Sample Name: K3127-07 Acquired: 06/10/2019 14:58:31 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0AU6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0069142	.0011570	.0098866
Stddev	.0007572	.0007521	.0001204
%RSD	10.95086	65.00373	1.217314

#1	.0067657	.0004614	.0099997
#2	.0077346	.0010545	.0097601
#3	.0062423	.0019551	.0098999

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2803.154	3910.818	62561.52	9630.353	4805.705
Stddev	1.990	3.355	128.40	46.311	3.618
%RSD	.0709791	.0857826	.2052319	.4808814	.0752946

#1	2804.791	3914.130	62676.37	9659.457	4808.350
#2	2800.940	3907.422	62422.90	9576.950	4807.183
#3	2803.731	3910.903	62585.29	9654.653	4801.581

Sample Name: K3127-09 Acquired: 06/10/2019 15:06:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0AV6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5005704	.0061299	.0104959	-.007566	.0902214	.6303985	.2751575
Stddev	.0012908	.0003125	.0016299	.003134	.0010779	.0103204	.0015350
%RSD	.2578619	5.097809	15.52858	41.42367	1.194735	1.637119	.5578632

#1	.5002375	.0059110	.0097471	-.005365	.0891832	.6373306	.2762622
#2	.5019951	.0064877	.0123656	-.006179	.0901460	.6353269	.2758055
#3	.4994787	.0059908	.0093749	-.011155	.0913351	.6185378	.2734047

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003297	-.000048	.2984210	-.000543	.0003812	.0074829	6.209211
Stddev	.0000659	.000058	.0050190	.000124	.0000579	.0014882	.022654
%RSD	19.99327	120.4871	1.681847	22.81873	15.17605	19.88820	.3648520

#1	.0004009	.000019	.2927932	-.000434	.0003538	.0077193	6.232761
#2	.0003174	-.000078	.3024332	-.000677	.0003422	.0088387	6.207297
#3	.0002708	-.000084	.3000366	-.000517	.0004477	.0058906	6.187574

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043856	.1088468	.0003487	-.000071	2.122591	.0047881	.0575672
Stddev	.0002555	.0169985	.0001071	.000195	.183957	.0015894	.0011655
%RSD	5.824917	15.61690	30.70905	274.9895	8.666641	33.19492	2.024586

#1	.0046770	.1235817	.0002991	-.000169	1.948991	.0051671	.0583869
#2	.0042002	.1127092	.0004716	.000154	2.315399	.0030434	.0580818
#3	.0042797	.0902494	.0002754	-.000198	2.103384	.0061537	.0562330

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7179202	.1733352	.1279060	.0153468	2.228724	1.573583	-.002873
Stddev	.0382805	.0031952	.0002982	.0001293	.009562	.011000	.000595
%RSD	5.332133	1.843381	.2331058	.8423559	.4290296	.6990502	20.71969

#1	.7056225	.1768736	.1282384	.0152596	2.219479	1.581304	-.003560
#2	.6872999	.1706608	.1278175	.0152856	2.238574	1.560988	-.002541
#3	.7608382	.1724712	.1276622	.0154953	2.228120	1.578458	-.002517

Sample Name: K3127-09 Acquired: 06/10/2019 15:06:38 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0AV6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0251819	.0003132	.0086279
Stddev	.0011795	.0015363	.0001129
%RSD	4.683806	490.5033	1.308585

#1	.0244307	-.000188	.0085452
#2	.0245737	-.000910	.0085820
#3	.0265413	.002038	.0087566

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2785.782	3888.952	62187.00	9660.457	4767.036
Stddev	4.394	4.777	96.43	7.190	3.496
%RSD	.1577228	.1228365	.1550622	.0744291	.0733323

#1	2790.835	3887.275	62286.19	9658.395	4771.014
#2	2783.649	3894.342	62093.60	9654.524	4764.450
#3	2782.861	3885.240	62181.22	9668.453	4765.645

Sample Name: K3127-10 Acquired: 06/10/2019 15:10:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0AW5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0131677	.0051018	.1514226	-.007287	-.001430	1.578337	.3518401
Stddev	.0033057	.0016092	.0013049	.001257	.000661	.012203	.0010623
%RSD	25.10482	31.54136	.8617714	17.24304	46.22376	.7731470	.3019272

#1	.0153599	.0032516	.1499758	-.008584	-.000799	1.586772	.3507466
#2	.0147779	.0058786	.1525106	-.006075	-.001375	1.564345	.3519057
#3	.0093654	.0061753	.1517814	-.007202	-.002117	1.583894	.3528681

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002060	.0006225	1.147882	-.000217	.0015998	.0965671	4.064732
Stddev	.0000548	.0000607	.014164	.000329	.0003520	.0007756	.027181
%RSD	26.57494	9.747882	1.233947	151.8637	22.00088	.8031345	.6687138

#1	.0002480	.0006409	1.131760	-.000346	.0017257	.0961352	4.058213
#2	.0002261	.0005547	1.153556	.000157	.0012021	.0974624	4.041403
#3	.0001441	.0006718	1.158329	-.000461	.0018714	.0961035	4.094580

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.944975	.7689519	.0012237	.0004696	2.405645	.0045217	.4814967
Stddev	.004221	.0066254	.0001568	.0001850	.096599	.0009361	.0088125
%RSD	.1070004	.8616085	12.80974	39.38858	4.015521	20.70191	1.830238

#1	3.940638	.7619818	.0011253	.0004423	2.517049	.0034618	.4853675
#2	3.945218	.7697059	.0014045	.0006666	2.354766	.0048682	.4714113
#3	3.949070	.7751680	.0011413	.0002997	2.345120	.0052352	.4877114

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4654059	.0825777	.0878735	-.000516	1.659199	4.434050	-.003129
Stddev	.0440325	.0009201	.0013260	.000177	.009287	.025252	.000915
%RSD	9.461088	1.114214	1.509033	34.27580	.5597233	.5695006	29.23583

#1	.4271319	.0815703	.0872126	-.000436	1.668912	4.431317	-.004050
#2	.5135288	.0833736	.0894001	-.000719	1.650407	4.460557	-.002221
#3	.4555570	.0827893	.0870079	-.000393	1.658276	4.410276	-.003115

Sample Name: K3127-10 Acquired: 06/10/2019 15:10:43 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0AW5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0234803	.0030881	.0226970
Stddev	.0005460	.0007252	.0001180
%RSD	2.325239	23.48478	.5200513

#1	.0240571	.0023691	.0227836
#2	.0234122	.0038194	.0227448
#3	.0229716	.0030757	.0225625

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2786.465	3887.668	62495.04	9628.301	4769.038
Stddev	15.695	7.290	147.79	28.828	10.481
%RSD	.5632721	.1875058	.2364862	.2994142	.2197671

#1	2777.784	3891.630	62460.99	9637.199	4779.134
#2	2804.584	3879.256	62656.89	9596.073	4758.211
#3	2777.028	3892.119	62367.25	9651.631	4769.770

Sample Name: K3127-12 Acquired: 06/10/2019 15:18:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0AX4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0413093	.0031610	.1461677	-.007190	.0002353	1.331763	.3159592
Stddev	.0014982	.0007235	.0017848	.003116	.0012483	.005139	.0023990
%RSD	3.626680	22.88748	1.221099	43.33620	530.6105	.3859148	.7592602

#1	.0425516	.0026331	.1482055	-.006849	-.000001	1.330388	.3177805
#2	.0417307	.0028642	.1454155	-.010462	-.000878	1.327451	.3132410
#3	.0396456	.0039856	.1448820	-.004259	.001585	1.337450	.3168560

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003974	-.000040	.5289615	.0001072	.0008867	.0199917	6.253630
Stddev	.0000583	.000068	.0057081	.0003897	.0003170	.0016462	.028813
%RSD	14.66012	169.5285	1.079108	363.4888	35.75506	8.234360	.4607390

#1	.0004020	-.000077	.5302122	-.000327	.0011518	.0183898	6.275799
#2	.0003369	.000038	.5227318	.000223	.0009729	.0199065	6.221061
#3	.0004531	-.000082	.5339405	.000426	.0005355	.0216788	6.264031

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0510892	.1837064	.0006576	.0035692	2.470681	.0010161	.1201649
Stddev	.0002938	.0014614	.0003702	.0001376	.279651	.0014887	.0024738
%RSD	.5750994	.7955022	56.29929	3.856172	11.31879	146.5091	2.058694

#1	.0510265	.1853569	.0010838	.0034178	2.765764	-.000695	.1219441
#2	.0508317	.1831854	.0004167	.0036866	2.209564	.002012	.1212107
#3	.0514092	.1825770	.0004722	.0036034	2.436714	.001732	.1173399

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.282630	.0849454	.1063491	.0015270	2.639277	2.830519	-.003402
Stddev	.029807	.0031444	.0010731	.0002278	.007234	.028287	.001014
%RSD	2.323904	3.701623	1.009068	14.91890	.2740879	.9993582	29.80261

#1	1.272063	.0848238	.1074357	.0017518	2.635611	2.859446	-.002482
#2	1.316281	.0881488	.1052900	.0015329	2.647610	2.829193	-.003235
#3	1.259546	.0818636	.1063217	.0012963	2.634609	2.802918	-.004489

Sample Name: K3127-12 Acquired: 06/10/2019 15:18:48 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0AX4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0113390	-.000195	.0123176
Stddev	.0006066	.001062	.0001004
%RSD	5.349812	543.5203	.8149752

#1	.0106655	-.000708	.0124127
#2	.0115091	.001026	.0122127
#3	.0118424	-.000905	.0123275

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2785.133	3880.054	62290.98	9700.007	4753.144
Stddev	8.596	2.383	128.43	50.857	5.659
%RSD	.3086487	.0614071	.2061763	.5242963	.1190564

#1	2780.633	3881.469	62264.29	9643.472	4747.888
#2	2795.045	3881.390	62430.66	9714.520	4759.134
#3	2779.721	3877.303	62178.00	9742.030	4752.409

Sample Name: K3127-11 Acquired: 06/10/2019 15:14:45 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0AW8 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0601265	.0026579	.1700762	-.008562	.0064458	2.290876	.4845568
Stddev	.0014684	.0022853	.0003517	.000789	.0007960	.009333	.0011416
%RSD	2.442233	85.98079	.2067613	9.212275	12.34934	.4073903	.2356078

#1	.0609824	.0052445	.1704438	-.007774	.0060652	2.298566	.4857661
#2	.0609661	.0009122	.1700417	-.009351	.0073606	2.280493	.4844066
#3	.0584309	.0018170	.1697430	-.008561	.0059115	2.293570	.4834977

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016728	.0009843	2.892313	.0005326	.0020237	.1494517	2.842321
Stddev	.0001032	.0000798	.018484	.0004235	.0001010	.0023057	.015198
%RSD	6.171599	8.103074	.6390676	79.50977	4.991575	1.542751	.5347204

#1	.0015897	.0010306	2.912566	.0000975	.0019587	.1468314	2.859869
#2	.0016404	.0008922	2.888017	.0009434	.0021401	.1503539	2.833367
#3	.0017884	.0010301	2.876355	.0005569	.0019724	.1511699	2.833725

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4789550	.7916626	.0034157	.0112856	4.141494	.0142472	.2648539
Stddev	.0023188	.0062153	.0002706	.0000834	.116293	.0015609	.0037319
%RSD	.4841346	.7850925	7.921870	.7390555	2.807997	10.95613	1.409048

#1	.4813339	.7987758	.0035355	.0113635	4.111613	.0151302	.2690431
#2	.4767014	.7889316	.0036058	.0111976	4.269811	.0124449	.2636340
#3	.4788297	.7872805	.0031060	.0112958	4.043057	.0151665	.2618845

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.840380	.8153249	.1714654	-.000523	1.348384	3.859413	-.003398
Stddev	.052285	.0028720	.0012507	.000432	.006759	.021774	.000831
%RSD	2.841015	.3522561	.7294381	82.61859	.5012834	.5641912	24.44066

#1	1.895792	.8146843	.1711990	-.001001	1.341454	3.859922	-.002653
#2	1.833433	.8128273	.1703694	-.000407	1.348739	3.837389	-.004294
#3	1.791915	.8184632	.1728279	-.000161	1.354959	3.880929	-.003248

Sample Name: K3127-11 Acquired: 06/10/2019 15:14:45 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0AW8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0459728	.0016710	.0221689
Stddev	.0009209	.0013098	.0000717
%RSD	2.003183	78.38357	.3235535

#1	.0463425	.0009429	.0221185
#2	.0466515	.0031831	.0222510
#3	.0449245	.0008871	.0221372

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2795.772	3902.121	62394.64	9688.252	4760.780
Stddev	7.614	16.329	149.27	77.171	11.723
%RSD	.2723353	.4184651	.2392361	.7965370	.2462405

#1	2790.351	3914.079	62224.53	9646.595	4768.303
#2	2804.477	3908.768	62503.72	9777.299	4766.765
#3	2792.487	3883.517	62455.68	9640.862	4747.273

Sample Name: K3127-13 Acquired: 06/10/2019 15:22:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0AX5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0897578	.0035487	.0533218	-.006593	-.001112	1.512804	.3619675
Stddev	.0012674	.0015840	.0015854	.003861	.001258	.007340	.0014068
%RSD	1.412049	44.63462	2.973233	58.56303	113.1562	.4851734	.3886627

#1	.0901014	.0052817	.0550463	-.005897	.000200	1.507023	.3619303
#2	.0883540	.0031888	.0519275	-.003128	-.001228	1.510326	.3605796
#3	.0908180	.0021757	.0529917	-.010755	-.002308	1.521061	.3633925

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003803	.0001081	.7626387	.0000423	.0004811	.0320749	2.752868
Stddev	.0000155	.0000108	.0036545	.0001467	.0002063	.0009319	.018452
%RSD	4.085788	9.995351	.4791919	346.4706	42.87977	2.905553	.6702752

#1	.0003641	.0001107	.7584400	.0000265	.0002942	.0310545	2.752840
#2	.0003951	.0001174	.7643725	.0001963	.0004466	.0328811	2.734430
#3	.0003815	.0000962	.7651036	-.000096	.0007024	.0322891	2.771333

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0179079	.2104263	.0005880	.0086339	2.583512	.0026099	.0867321
Stddev	.0002010	.0255511	.0001890	.0002228	.114732	.0009320	.0013935
%RSD	1.122333	12.14252	32.14386	2.580665	4.440946	35.71062	1.606735

#1	.0178562	.2170802	.0007966	.0084232	2.709134	.0030309	.0863699
#2	.0177378	.1822066	.0004282	.0086114	2.484260	.0015417	.0855554
#3	.0181297	.2319922	.0005392	.0088671	2.557143	.0032571	.0882710

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.261901	.1332852	.1289465	.0000590	1.493978	2.650536	-.003112
Stddev	.047573	.0018678	.0006450	.0001430	.003522	.014936	.000462
%RSD	3.769913	1.401368	.5002130	242.1615	.2357766	.5635053	14.86336

#1	1.230859	.1322425	.1288346	-.000071	1.497943	2.633477	-.003509
#2	1.238173	.1321715	.1283648	.000212	1.492780	2.661262	-.002604
#3	1.316670	.1354416	.1296401	.000035	1.491210	2.656868	-.003222

Sample Name: K3127-13 Acquired: 06/10/2019 15:22:53 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0AX5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0053749	.0005322	.0156731
Stddev	.0011935	.0013875	.0000898
%RSD	22.20413	260.6976	.5727205

#1	.0040879	-.000273	.0156949
#2	.0055917	.002134	.0155744
#3	.0064451	-.000265	.0157499

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2771.231	3878.871	62308.70	9587.251	4763.259
Stddev	6.182	4.497	105.00	64.177	6.926
%RSD	.2230878	.1159254	.1685127	.6693951	.1454105

#1	2777.730	3874.825	62426.72	9655.092	4757.635
#2	2770.538	3883.712	62273.72	9579.153	4770.995
#3	2765.424	3878.074	62225.65	9527.507	4761.147

Sample Name: K3127-14 Acquired: 06/10/2019 15:26:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0AX7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0431138	.0041056	.0256108	-.008107	-.000142	2.660215	.4609259
Stddev	.0039215	.0011056	.0013090	.001364	.001633	.011585	.0033823
%RSD	9.095792	26.92970	5.111191	16.82129	1153.870	.4354849	.7338103

#1	.0385879	.0053643	.0262710	-.007907	.001740	2.646916	.4579898
#2	.0455014	.0032918	.0264582	-.006855	-.001188	2.665618	.4601637
#3	.0452522	.0036606	.0241032	-.009560	-.000977	2.668112	.4646243

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007101	.0003439	2.438264	.0017113	.0045536	.0225628	2.715639
Stddev	.0000593	.0000498	.017706	.0007004	.0001867	.0037604	.011662
%RSD	8.347294	14.48572	.7261524	40.92793	4.099766	16.66639	.4294294

#1	.0007522	.0003869	2.419643	.0018575	.0044419	.0209934	2.702243
#2	.0007357	.0002893	2.440267	.0023270	.0047691	.0198414	2.723526
#3	.0006423	.0003556	2.454884	.0009493	.0044497	.0268537	2.721148

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2865394	.8164465	.0071598	.0000225	2.652889	.0101237	.0829190
Stddev	.0027458	.0186285	.0005273	.0001282	.279443	.0031799	.0024584
%RSD	.9582499	2.281657	7.364994	570.5655	10.53355	31.41005	2.964859

#1	.2841771	.8252788	.0073148	.0000069	2.602323	.0064637	.0857378
#2	.2858891	.7950447	.0075923	.0001577	2.954163	.0116996	.0818008
#3	.2895519	.8290162	.0065724	-.000097	2.402181	.0122079	.0812184

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.598124	.2884011	.0849290	-.000638	.7380529	6.290337	-.004489
Stddev	.017341	.0019346	.0002774	.000267	.0050465	.057386	.000769
%RSD	1.085080	.6707969	.3265964	41.86754	.6837638	.9122943	17.14055

#1	1.580305	.2896384	.0850887	-.000867	.7342153	6.251163	-.005337
#2	1.614944	.2861717	.0850895	-.000345	.7437694	6.263640	-.004295
#3	1.599124	.2893931	.0846087	-.000702	.7361741	6.356208	-.003836

Sample Name: K3127-14 Acquired: 06/10/2019 15:26:57 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0AX7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0193187	.0005926	.0263402
Stddev	.0005180	.0004481	.0000369
%RSD	2.681497	75.61366	.1402724

#1	.0187245	.0010097	.0263085
#2	.0195561	.0001189	.0263314
#3	.0196755	.0006494	.0263808

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2782.684	3890.108	62451.83	9678.087	4769.724
Stddev	29.763	6.512	275.60	50.848	7.622
%RSD	1.069567	.1673870	.4413057	.5253888	.1598039

#1	2750.369	3893.754	62191.50	9706.081	4766.777
#2	2788.713	3882.590	62423.47	9708.785	4764.015
#3	2808.971	3893.980	62740.51	9619.394	4778.379

Sample Name: K3127-16 Acquired: 06/10/2019 15:35:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0AZ7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020021	.0037987	-.000169	-.008147	-.001019	.2190280	.1742951
Stddev	.0010363	.0012309	.000812	.002106	.001783	.0080208	.0007254
%RSD	51.76117	32.40380	479.6155	25.85604	174.9249	3.661984	.4162167

#1	.0010743	.0049263	-.000206	-.010139	-.002642	.2276350	.1745896
#2	.0018115	.0039841	-.000963	-.005942	.000889	.2117627	.1748270
#3	.0031204	.0024856	.000661	-.008359	-.001304	.2176862	.1734687

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004714	.0018730	13.73215	-.000654	.0074747	.0235358	.3196435
Stddev	.0000565	.0000521	.03251	.000139	.0002667	.0014103	.0113914
%RSD	11.99416	2.779906	.2367204	21.17607	3.567956	5.991993	3.563770

#1	.0004445	.0019174	13.74637	-.000527	.0074512	.0219179	.3085863
#2	.0004333	.0018860	13.75512	-.000634	.0072206	.0245053	.3313419
#3	.0005364	.0018157	13.69496	-.000802	.0077524	.0241841	.3190024

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.900501	.8909459	.0057568	.0008174	2.676757	.0008988	.2973762
Stddev	.007699	.0170299	.0000555	.0005277	.201412	.0009503	.0034608
%RSD	.2654212	1.911445	.9644621	64.55159	7.524473	105.7386	1.163780

#1	2.895131	.8724188	.0058208	.0002138	2.862271	.0004329	.3005723
#2	2.909321	.9059173	.0057220	.0010476	2.462529	.0019922	.2978557
#3	2.897050	.8945015	.0057275	.0011909	2.705471	.0002712	.2937007

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.128747	.0198085	.1130982	-.000600	13.94899	1.266268	-.003762
Stddev	.037988	.0018747	.0007791	.000477	.02116	.005922	.000261
%RSD	3.365462	9.463953	.6888346	79.45267	.1516794	.4676635	6.941126

#1	1.088742	.0209211	.1121986	-.001149	13.96245	1.261959	-.003965
#2	1.133169	.0208603	.1135474	-.000358	13.95991	1.273021	-.003467
#3	1.164330	.0176441	.1135485	-.000292	13.92460	1.263824	-.003853

Sample Name: K3127-16 Acquired: 06/10/2019 15:35:07 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0AZ7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0061612	.0028687	.0276702
Stddev	.0007824	.0012185	.0000338
%RSD	12.69853	42.47478	.1221968

#1	.0054012	.0014927	.0276501
#2	.0069642	.0038108	.0276513
#3	.0061181	.0033028	.0277092

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2755.299	3857.028	61646.07	9569.734	4769.068
Stddev	8.503	4.005	216.25	6.574	10.149
%RSD	.3086213	.1038440	.3507894	.0686964	.2128107

#1	2761.317	3860.951	61866.72	9577.120	4763.774
#2	2759.008	3857.187	61636.98	9564.526	4780.769
#3	2745.571	3852.946	61434.51	9567.554	4762.660

Sample Name: K3127-15 Acquired: 06/10/2019 15:31:02 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0AZ0 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0063076	.0026332	.0261472	-.005239	.0006305	1.524531	.2993197
Stddev	.0024654	.0007912	.0005269	.002339	.0023374	.017518	.0012234
%RSD	39.08551	30.04452	2.015157	44.63953	370.7120	1.149064	.4087201

#1	.0055743	.0034980	.0266323	-.005492	-.001831	1.544397	.3007057
#2	.0090564	.0019457	.0262228	-.002784	.000903	1.511298	.2988630
#3	.0042921	.0024560	.0255866	-.007440	.002820	1.517899	.2983904

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002256	.0001193	3.024021	.0005472	.0007717	.0160450	1.831320
Stddev	.0000089	.0000320	.014339	.0004198	.0002357	.0020886	.017963
%RSD	3.938793	26.82457	.4741709	76.72855	30.54154	13.01690	.9808737

#1	.0002357	.0001003	3.037507	.0003958	.0007545	.0163500	1.850080
#2	.0002190	.0001562	3.025597	.0010217	.0010156	.0179644	1.829603
#3	.0002221	.0001013	3.008959	.0002241	.0005451	.0138208	1.814277

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2470449	.3544881	.0006317	.0026119	3.560468	.0024253	.1150267
Stddev	.0017703	.0201403	.0001523	.0001619	.056450	.0020143	.0012821
%RSD	.7165860	5.681525	24.10297	6.199604	1.585453	83.05335	1.114565

#1	.2478367	.3777329	.0004564	.0024652	3.617276	.0031560	.1164933
#2	.2450169	.3422383	.0007304	.0027856	3.559743	.0039723	.1144679
#3	.2482811	.3434931	.0007085	.0025848	3.504384	.0001476	.1141188

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3088600	.0332559	.1564603	-.000417	4.090436	4.370425	-.003368
Stddev	.0724483	.0013558	.0022002	.000197	.011400	.007051	.000780
%RSD	23.45669	4.076919	1.406228	47.11468	.2786877	.1613309	23.14498

#1	.3286624	.0336746	.1570955	-.000510	4.097277	4.378509	-.002477
#2	.3693482	.0343530	.1582730	-.000550	4.077276	4.367221	-.003926
#3	.2285695	.0317401	.1540124	-.000191	4.096754	4.365546	-.003700

Sample Name: K3127-15 Acquired: 06/10/2019 15:31:02 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0AZ0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0548692	.0018220	.0177778
Stddev	.0026132	.0009211	.0001254
%RSD	4.762598	50.55436	.7051399

#1	.0558938	.0026448	.0178846
#2	.0568147	.0019942	.0176398
#3	.0518989	.0008269	.0178090

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2768.328	3869.351	61998.97	9596.543	4753.702
Stddev	3.759	6.406	256.44	52.134	6.045
%RSD	.1357907	.1655480	.4136193	.5432578	.1271565

#1	2765.847	3874.151	62166.35	9560.809	4760.321
#2	2772.653	3871.825	62126.82	9656.365	4752.309
#3	2766.484	3862.078	61703.74	9572.454	4748.475

Sample Name: K3127-18 Acquired: 06/10/2019 15:43:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0BA2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016232	.0053352	-.000631	-.007111	-.002055	.1571037	.1534458
Stddev	.0010012	.0009324	.000343	.002145	.000699	.0128625	.0004000
%RSD	61.67952	17.47586	54.33433	30.17099	34.04305	8.187273	.2606956

#1	.0021521	.0045803	-.000238	-.005191	-.002570	.1528094	.1535153
#2	.0022492	.0063774	-.000867	-.006715	-.002336	.1715641	.1538065
#3	.0004685	.0050478	-.000789	-.009426	-.001258	.1469378	.1530156

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002290	-.000009	4.580548	.0001386	.0005750	.0090597	.2622475
Stddev	.0000175	.000035	.006756	.0001709	.0001140	.0032019	.0073808
%RSD	7.639607	409.4100	.1474931	123.3276	19.82565	35.34281	2.814430

#1	.0002169	-.000026	4.572842	.0002597	.0006687	.0060863	.2594426
#2	.0002490	-.000031	4.585453	.0002131	.0006081	.0086433	.2566804
#3	.0002211	.000032	4.583350	-.000057	.0004481	.0124495	.2706196

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0815612	.3511630	.0005035	.0003969	1.539764	-.000425	.0923261
Stddev	.0007896	.0343499	.0002458	.0003304	.125623	.002315	.0011285
%RSD	.9681422	9.781739	48.82890	83.25984	8.158613	544.6117	1.222280

#1	.0824663	.3814617	.0003020	.0002585	1.664555	-.003094	.0911601
#2	.0810129	.3581814	.0007774	.0001581	1.413325	.000776	.0924052
#3	.0812044	.3138460	.0004311	.0007740	1.541413	.001043	.0934129

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6370023	.0138152	.0749916	-.000457	4.523151	1.783633	-.003689
Stddev	.0532250	.0011417	.0004625	.000228	.007441	.009145	.000635
%RSD	8.355541	8.263948	.6167475	49.89560	.1645178	.5127347	17.21006

#1	.5756347	.0137775	.0753009	-.000283	4.520894	1.793445	-.003976
#2	.6705873	.0149753	.0744599	-.000716	4.531460	1.775346	-.004130
#3	.6647849	.0126929	.0752141	-.000373	4.517100	1.782107	-.002962

Sample Name: K3127-18 Acquired: 06/10/2019 15:43:13 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0BA2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0029770	.0017221	.0085700
Stddev	.0004797	.0008474	.0000610
%RSD	16.11310	49.20453	.7116512

#1	.0034385	.0024037	.0085087
#2	.0024810	.0007734	.0085707
#3	.0030116	.0019893	.0086307

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2781.828	3872.161	62297.95	9591.294	4777.242
Stddev	5.105	8.599	148.85	18.913	9.879
%RSD	.1835127	.2220701	.2389365	.1971878	.2067966

#1	2783.919	3881.618	62244.93	9588.762	4788.355
#2	2785.556	3870.053	62466.05	9611.345	4769.456
#3	2776.010	3864.813	62182.87	9573.774	4773.914

Sample Name: K3127-17 Acquired: 06/10/2019 15:39:10 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0AZ9 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0504732	.0135317	.2684621	-.011721	.0052746	2.219522	.3271720
Stddev	.0022253	.0017753	.0030436	.003772	.0020880	.007198	.0012353
%RSD	4.408788	13.11936	1.133711	32.17839	39.58602	.3243130	.3775631

#1	.0511979	.0149062	.2662471	-.013812	.0031811	2.227487	.3261142
#2	.0522457	.0115274	.2672066	-.013985	.0073571	2.217595	.3268722
#3	.0479759	.0141617	.2719326	-.007367	.0052858	2.213483	.3285296

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004013	.0000691	1.941943	.0006293	.0005496	.0285414	12.85588
Stddev	.0000408	.0000146	.006416	.0002162	.0002948	.0000590	.03110
%RSD	10.17754	21.11116	.3304067	34.35657	53.65165	.2068475	.2419425

#1	.0004180	.0000789	1.947669	.0008291	.0007804	.0285750	12.83059
#2	.0003548	.0000523	1.935008	.0003997	.0006508	.0284732	12.84645
#3	.0004312	.0000760	1.943150	.0006593	.0002174	.0285760	12.89061

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0093640	.2539193	.0003983	.0375545	2.976208	.0099146	.1830913
Stddev	.0001037	.0211828	.0002051	.0001933	.196208	.0018371	.0019334
%RSD	1.107313	8.342333	51.48567	.5145751	6.592563	18.52903	1.055976

#1	.0092466	.2672305	.0001629	.0377472	2.849832	.0088946	.1853216
#2	.0094025	.2294923	.0004937	.0375557	3.202245	.0088138	.1818900
#3	.0094430	.2650349	.0005384	.0373607	2.876548	.0120354	.1820623

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.784138	.0837812	.1542402	.0006357	4.939898	4.979742	-.002926
Stddev	.058865	.0016470	.0008019	.0004895	.009704	.045812	.000420
%RSD	3.299330	1.965807	.5199267	77.00365	.1964515	.9199605	14.34515

#1	1.718887	.0851620	.1534312	.0007078	4.939704	4.927731	-.003043
#2	1.800275	.0819583	.1542545	.0001141	4.930291	5.014104	-.003276
#3	1.833250	.0842234	.1550349	.0010851	4.949698	4.997392	-.002461

Sample Name: K3127-17 Acquired: 06/10/2019 15:39:10 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0AZ9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0314478	.0010251	.0614617
Stddev	.0038589	.0000915	.0000547
%RSD	12.27070	8.925420	.0890174

#1	.0270506	.0009934	.0615085
#2	.0330223	.0009536	.0614750
#3	.0342704	.0011282	.0614016

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2793.500	3891.756	62445.13	9681.944	4769.825
Stddev	7.624	2.187	185.50	19.503	1.092
%RSD	.2729187	.0562058	.2970575	.2014325	.0228839

#1	2800.710	3891.057	62254.13	9704.288	4769.882
#2	2794.269	3890.003	62456.68	9673.201	4768.705
#3	2785.520	3894.207	62624.59	9668.343	4770.886

Sample Name: K3127-19 Acquired: 06/10/2019 15:47:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0BA3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0446174	.0039228	.0599345	-.007341	.0004155	2.093644	.2385557
Stddev	.0047698	.0017503	.0002765	.005140	.0007126	.013940	.0006141
%RSD	10.69052	44.61827	.4613246	70.01295	171.5038	.6658308	.2574392

#1	.0492221	.0038213	.0600216	-.012343	.0011983	2.104793	.2380450
#2	.0449322	.0022255	.0596250	-.002074	-.000196	2.098124	.2392371
#3	.0396980	.0057217	.0601570	-.007606	.000244	2.078015	.2383848

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003173	.0000728	.9577080	-.000326	.0007402	.0113968	6.293037
Stddev	.0000332	.0000275	.0099833	.000411	.0001075	.0008835	.012204
%RSD	10.46130	37.84953	1.042418	126.2916	14.51772	7.751786	.1939360

#1	.0003500	.0000739	.9462009	-.000477	.0006161	.0106020	6.280748
#2	.0003182	.0000997	.9640592	-.000640	.0008027	.0112404	6.293206
#3	.0002837	.0000447	.9628638	.000140	.0008017	.0123480	6.305156

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0137696	.3490026	.0001101	.0172477	1.862192	.0036656	.0795548
Stddev	.0002388	.0116808	.0001722	.0002392	.136277	.0014168	.0018347
%RSD	1.734007	3.346894	156.3384	1.386878	7.318087	38.65069	2.306170

#1	.0138500	.3596984	.0001831	.0174560	1.859323	.0044971	.0775055
#2	.0135011	.3365385	-.000087	.0173008	1.999881	.0020297	.0810443
#3	.0139579	.3507709	.000234	.0169865	1.727373	.0044700	.0801147

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.889593	.0935482	.1078296	-.000243	2.499019	3.882558	-.002687
Stddev	.051760	.0011932	.0010273	.000216	.002200	.013762	.001121
%RSD	2.739235	1.275534	.9526941	88.97039	.0880313	.3544679	41.71555

#1	1.841405	.0927778	.1088297	-.000219	2.500698	3.897851	-.003559
#2	1.883069	.0929440	.1067771	-.000039	2.496529	3.878654	-.003079
#3	1.944307	.0949227	.1078820	-.000469	2.499832	3.871169	-.001423

Sample Name: K3127-19 Acquired: 06/10/2019 15:47:19 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0BA3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0084957	.0003489	.0247963
Stddev	.0016261	.0014167	.0001995
%RSD	19.14024	406.0425	.8043621

#1	.0076202	.0014145	.0247173
#2	.0074950	.0008910	.0246484
#3	.0103720	-.001259	.0250231

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2760.652	3864.624	61931.75	9560.551	4761.003
Stddev	15.593	4.817	273.97	40.873	12.996
%RSD	.5648480	.1246395	.4423820	.4275202	.2729763

#1	2776.851	3869.634	62247.98	9607.462	4775.964
#2	2745.744	3860.027	61781.18	9541.580	4752.505
#3	2759.361	3864.210	61766.07	9532.611	4754.541

Sample Name: CCV071 Acquired: 06/10/2019 15:51:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV071 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.988859	4.805197	24.41963	4.886907	5.112114	403.2250	10.59353
Stddev	.018798	.026380	.07011	.015639	.009936	1.8504	.01276
%RSD	.3767954	.5489840	.2871155	.3200170	.1943585	.4589115	.1204390

#1	4.989718	4.775652	24.40807	4.903155	5.112667	402.0144	10.60134
#2	4.969646	4.813547	24.35602	4.871958	5.101913	402.3055	10.60045
#3	5.007212	4.826391	24.49481	4.885607	5.121761	405.3551	10.57881

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4987216	2.458850	408.7772	14.97177	2.482936	15.25933	419.4648
Stddev	.0057112	.005123	1.8447	.03252	.005308	.02384	.7147
%RSD	1.145164	.2083348	.4512613	.2171844	.2137678	.1562561	.1703861

#1	.5047156	2.459317	409.4092	14.93698	2.483509	15.23363	419.9577
#2	.4981059	2.453509	410.2227	14.97694	2.477364	15.26362	419.7916
#3	.4933432	2.463723	406.6996	15.00139	2.487933	15.28074	418.6451

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.20603	410.6673	2.540740	1.252384	410.6623	2.588404	14.68428
Stddev	.07407	.6976	.001737	.006304	.3830	.015093	.17730
%RSD	.4871048	.1698605	.0683780	.5033446	.0932597	.5830828	1.207392

#1	15.24604	410.4912	2.541235	1.245141	410.2960	2.570983	14.48169
#2	15.25149	411.4360	2.538809	1.256633	410.6309	2.597536	14.76006
#3	15.12056	410.0746	2.542176	1.255378	411.0600	2.596692	14.81110

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	156.0362	4.835282	4.974676	5.077071	4.796129	4.916279	5.174577
Stddev	.3623	.013599	.057873	.004617	.036766	.066069	.012202
%RSD	.2321994	.2812533	1.163356	.0909374	.7665816	1.343888	.2358041

#1	156.1592	4.820707	5.030573	5.080244	4.761534	4.983508	5.179299
#2	156.3210	4.847630	4.978445	5.071774	4.792114	4.913894	5.160720
#3	155.6284	4.837510	4.915010	5.079194	4.834737	4.851434	5.183713

Sample Name: CCV071 Acquired: 06/10/2019 15:51:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV071 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.028558	5.232436	5.043901
Stddev	.011028	.017242	.066044
%RSD	.2193085	.3295304	1.309380

#1	5.020676	5.246674	5.067907
#2	5.041161	5.237370	5.094584
#3	5.023838	5.213265	4.969212

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2150.985	3004.253	50443.51	8307.482	3408.921
Stddev	8.634	8.584	339.41	79.982	6.204
%RSD	.4013926	.2857217	.6728454	.9627721	.1819964

#1	2160.915	2994.361	50787.39	8224.288	3401.899
#2	2146.795	3009.744	50434.39	8314.349	3413.663
#3	2145.247	3008.653	50108.76	8383.809	3411.200

Sample Name: CCB071 Acquired: 06/10/2019 15:55:26 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCB071 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011146	.0015964	-.001508	-.003651	-.000211	.0077726	.0001460
Stddev	.0031756	.0006669	.000438	.001429	.001385	.0056019	.0004738
%RSD	284.9189	41.77561	29.07125	39.14099	656.0868	72.07186	324.5510

#1	.0046232	.0015352	-.001472	-.002013	-.000955	.0068542	.0004215
#2	-.001563	.0022917	-.001963	-.004643	.001387	.0026867	.0004176
#3	.000283	.0009622	-.001089	-.004297	-.001065	.0137769	-.000401

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000211	.0000616	.0000605	-.000003	.0002464	.0018006	.0103591
Stddev	.0000744	.0000805	.0120313	.000293	.0001905	.0020358	.0057087
%RSD	352.6983	130.7162	19891.86	8417.642	77.33522	113.0588	55.10759

#1	-.000042	.0000515	-.013571	-.000057	.0004633	-.000046	.0037823
#2	.000003	.0001467	.009198	-.000266	.0001694	.001464	.0132635
#3	.000103	-.000013	.004554	.000313	.0001064	.003984	.0140316

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002757	-.000415	-.000253	.0001447	.2139674	.0022164	-.008346
Stddev	.0002979	.016974	.000319	.0002244	.3255206	.0020035	.000166
%RSD	108.0608	4094.562	126.4900	155.0609	152.1356	90.39315	1.988175

#1	.0004563	.019101	-.000605	.0000125	.3464209	.0003085	-.008524
#2	-.000068	-.011749	-.000172	.0000178	-.156900	.0020374	-.008319
#3	.000439	-.008596	.000019	.0004039	.452381	.0043034	-.008195

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.047083	-.000228	.0033646	.0000296	-.006133	.0019162	-.000654
Stddev	.036226	.001901	.0004126	.0000623	.003269	.0004576	.000352
%RSD	76.93999	832.5611	12.26159	210.3150	53.31067	23.87947	53.85975

#1	-.032400	.000672	.0029555	-.000016	-.003008	.0017398	-.000275
#2	-.088345	.001056	.0033578	.000004	-.005861	.0015731	-.000971
#3	-.020504	-.002413	.0037805	.000101	-.009530	.0024357	-.000714

Sample Name: CCB071 Acquired: 06/10/2019 15:55:26 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCB071 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0019654	.0037197	.0001005
Stddev	.0008437	.0010869	.0000848
%RSD	42.92932	29.22143	84.42640

#1	.0022103	.0032052	.0001111
#2	.0026596	.0049684	.0001794
#3	.0010263	.0029855	.0000108

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2498.907	3486.399	56240.10	8658.137	4297.882
Stddev	16.144	2.873	482.25	33.089	7.286
%RSD	.6460402	.0824139	.8574887	.3821700	.1695307

#1	2480.360	3484.100	55683.81	8696.323	4289.615
#2	2509.800	3489.620	56496.45	8637.927	4300.664
#3	2506.562	3485.478	56540.03	8640.160	4303.368

Sample Name: K3122-08 Acquired: 06/10/2019 15:59:34 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0AT9 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.755810	.1413142	F 73.44682	-.014023	.0720377	55.05516
Stddev	.018549	.0045796	.19064	.003211	.0004555	.15735
%RSD	.6731004	3.240733	.2595592	22.90175	.6323418	.2857994

#1	2.735453	.1464481	73.44524	-.017565	.0716255	55.20139
#2	2.771757	.1376494	73.25697	-.011300	.0719608	54.88866
#3	2.760220	.1398452	73.63824	-.013204	.0725268	55.07544

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.270926	.0043646	.1136441	12.97648	-.003660	.0598627
Stddev	.004771	.0000873	.0001758	.09243	.000697	.0001055
%RSD	.3754180	1.999462	.1546875	.7122679	19.03744	.1761924

#1	1.275193	.0044280	.1135179	13.08283	-.004237	.0598080
#2	1.265774	.0042650	.1135694	12.93111	-.002886	.0599843
#3	1.271812	.0044006	.1138449	12.91551	-.003856	.0597958

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.567356	170.2448	F 267.2501	10.51847	.0544770	.3411745
Stddev	.015421	.6861	2.4565	.02414	.0004002	.0029779
%RSD	.3376330	.4029858	.9191603	.2295435	.7346598	.8728445

#1	4.583493	170.9094	270.0797	10.54579	.0549248	.3442228
#2	4.552769	169.5391	265.6648	10.50960	.0541543	.3382723
#3	4.565806	170.2859	266.0058	10.50001	.0543519	.3410283

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.082116	.9173740	9.147724	21.79694	7.187373	.0224558
Stddev	.200163	.0141028	.019774	.07404	.048486	.0023501
%RSD	18.49741	1.537304	.2161606	.3396897	.6745949	10.46550

#1	.863504	.9323022	9.128126	21.84365	7.207930	.0214375
#2	1.126444	.9042750	9.147376	21.83561	7.131996	.0207865
#3	1.256400	.9155448	9.167669	21.71157	7.222193	.0251433

Sample Name: K3122-08 Acquired: 06/10/2019 15:59:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0AT9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.719957	4.220667	2.300283	.0382351	.7219433	.0566270
Stddev	.003912	.013467	.001656	.0003107	.0025977	.0001044
%RSD	.1051597	.3190661	.0719891	.8125045	.3598240	.1843434
#1	3.724447	4.227478	2.302105	.0385681	.7244741	.0565511
#2	3.718141	4.205155	2.298870	.0379531	.7192835	.0565838
#3	3.717283	4.229367	2.299873	.0381840	.7220724	.0567460

Elem	Sr4077
Units	ppm
Avg	1.576567
Stddev	.003401
%RSD	.2157210
#1	1.580469
#2	1.574234
#3	1.574998

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3724.936	5190.971	84267.90	13398.40	3954.322
Stddev	13.859	12.713	446.34	75.75	9.572
%RSD	.3720467	.2449143	.5296708	.5653678	.2420558
#1	3718.821	5180.765	83752.53	13326.98	3944.301
#2	3715.187	5186.936	84521.88	13390.39	3963.371
#3	3740.800	5205.213	84529.30	13477.84	3955.293

Sample Name: K3122-10 Acquired: 06/10/2019 16:07:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0AT9S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.758586	.2402348	F 85.56006	.0446653	.1192483	60.47437
Stddev	.003604	.0098368	.07359	.0021741	.0012113	.26810
%RSD	.1306628	4.094656	.0860100	4.867634	1.015743	.4433349

#1	2.759379	.2515297	85.58883	.0460646	.1202679	60.17329
#2	2.754652	.2335472	85.47644	.0421605	.1179094	60.56253
#3	2.761729	.2356275	85.61493	.0457706	.1195676	60.68729

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.157405	.0685319	.2202904	12.26569	.2635684	1.087003
Stddev	.039286	.0003219	.0004365	.21895	.0022708	.001911
%RSD	.9449530	.4696721	.1981227	1.785024	.8615454	.1758091

#1	4.112057	.0684172	.2198023	12.01332	.2661215	1.086713
#2	4.179066	.0682830	.2204260	12.37886	.2628088	1.085253
#3	4.181092	.0688954	.2206430	12.40489	.2617748	1.089042

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.874818	166.7666	F 262.5754	10.33976	1.115029	.3968296
Stddev	.007195	.7779	2.7545	.07144	.000936	.0021307
%RSD	.1475851	.4664800	1.049024	.6909176	.0839591	.5369431

#1	4.873653	165.8862	259.5855	10.26817	1.114114	.3967307
#2	4.882524	167.0526	263.1309	10.34008	1.114988	.3947501
#3	4.868277	167.3611	265.0098	10.41105	1.115985	.3990081

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8530530	1.621483	10.22041	21.22218	6.919147	.0211178
Stddev	.0634729	.003025	.03606	.05180	.017027	.0043201
%RSD	7.440674	.1865421	.3528483	.2440988	.2460874	20.45717

#1	.7797609	1.624655	10.18174	21.23570	6.912776	.0237367
#2	.8896445	1.618631	10.22637	21.16496	6.906223	.0234852
#3	.8897537	1.621163	10.25313	21.26589	6.938441	.0161315

Sample Name: K3122-10 Acquired: 06/10/2019 16:07:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0AT9S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.930338	4.197774	1.909394	.0385954	.7628324	.0565064
Stddev	.002453	.022951	.009860	.0020932	.0052627	.0018748
%RSD	.0497432	.5467315	.5164017	5.423383	.6898841	3.317882
#1	4.932285	4.222634	1.906123	.0376852	.7571362	.0549987
#2	4.931146	4.193294	1.901585	.0371114	.7675136	.0559149
#3	4.927584	4.177393	1.920474	.0409896	.7638474	.0586056

Elem	Sr4077
Units	ppm
Avg	1.608362
Stddev	.001267
%RSD	.0787842
#1	1.608335
#2	1.607110
#3	1.609643

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3699.699	5139.791	83557.09	13337.11	3935.406
Stddev	24.857	3.183	454.05	98.77	1.412
%RSD	.6718715	.0619230	.5434035	.7405711	.0358815
#1	3706.087	5137.898	83347.69	13370.50	3936.761
#2	3720.738	5138.009	84078.05	13414.86	3935.514
#3	3672.271	5143.465	83245.52	13225.98	3933.943

Sample Name: K3122-09 Acquired: 06/10/2019 16:03:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0AT9D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.744757	.1569898	F 73.86307	-.013085	.0706383	53.61707
Stddev	.008138	.0067881	.10498	.002955	.0024696	.04208
%RSD	.2964904	4.323911	.1421335	22.58201	3.496116	.0784802

#1	2.737529	.1498448	73.74474	-.016497	.0693706	53.57431
#2	2.753572	.1577713	73.89943	-.011425	.0734843	53.61846
#3	2.743171	.1633533	73.94504	-.011335	.0690600	53.65844

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.275063	.0034856	.1199327	12.80331	-.005376	.0620022
Stddev	.001605	.0000734	.0001177	.06809	.000281	.0001820
%RSD	.1258438	2.107251	.0980984	.5318211	5.222631	.2935519

#1	1.276658	.0034038	.1199101	12.73907	-.005463	.0619550
#2	1.273449	.0035073	.1198280	12.79617	-.005603	.0618484
#3	1.275081	.0035458	.1200600	12.87469	-.005062	.0622031

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.547119	167.0838	F 276.6433	10.22818	.0541341	.3603359
Stddev	.004541	.1429	1.9279	.02791	.0005740	.0017850
%RSD	.0998698	.0855081	.6968981	.2728710	1.060309	.4953595

#1	4.545944	167.1857	278.2686	10.24464	.0546443	.3623232
#2	4.552133	167.1452	277.1482	10.24395	.0535126	.3588691
#3	4.543281	166.9205	274.5132	10.19595	.0542453	.3598153

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.041189	.9221095	9.300470	22.55728	7.109449	.0163409
Stddev	.238338	.0045531	.051609	.08965	.013218	.0022920
%RSD	22.89093	.4937655	.5549027	.3974535	.1859211	14.02597

#1	.800459	.9250209	9.313346	22.45376	7.094539	.0147169
#2	1.277060	.9244449	9.243642	22.60807	7.114081	.0153432
#3	1.046049	.9168626	9.344421	22.61001	7.119728	.0189626

Sample Name: K3122-09 Acquired: 06/10/2019 16:03:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0AT9D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.326242	4.207189	2.414059	.0379748	.6945740	.0563727
Stddev	.003089	.017549	.016900	.0003788	.0028205	.0014155
%RSD	.0928525	.4171247	.7000646	.9975169	.4060838	2.510907

#1	3.327590	4.188766	2.403903	.0384121	.6960080	.0549129
#2	3.322708	4.209089	2.433568	.0377469	.6913245	.0564661
#3	3.328427	4.223710	2.404707	.0377655	.6963894	.0577392

Elem	Sr4077
Units	ppm
Avg	1.616264
Stddev	.000129
%RSD	.0080024

#1	1.616267
#2	1.616392
#3	1.616133

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3749.034	5178.393	84410.85	13357.12	3946.869
Stddev	27.640	5.997	444.98	54.13	1.252
%RSD	.7372471	.1158168	.5271542	.4052866	.0317144

#1	3721.446	5171.468	83914.83	13312.53	3946.030
#2	3776.725	5181.863	84774.96	13341.49	3946.270
#3	3748.930	5181.849	84542.77	13417.36	3948.308

Sample Name: K3122-08LX5 Acquired: 06/10/2019 16:11:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0AT9L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7253828	.0046600	13.30711	-.013219	.0200607	13.79426
Stddev	.0084000	.0022670	.03376	.001637	.0007380	.01967
%RSD	1.158008	48.64855	.2536921	12.38355	3.678823	.1426168

#1	.7157292	.0056821	13.27911	-.011442	.0204839	13.77478
#2	.7310255	.0062360	13.29762	-.013548	.0192086	13.79389
#3	.7293938	.0020619	13.34460	-.014666	.0204898	13.81411

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3192263	.0010794	.0214958	3.366207	-.003301	.0115906
Stddev	.0008439	.0000554	.0000695	.029866	.000473	.0002350
%RSD	.2643573	5.133507	.3233044	.8872301	14.33288	2.027641

#1	.3184846	.0010182	.0214177	3.336070	-.003007	.0115319
#2	.3190499	.0011262	.0215191	3.366756	-.003050	.0118494
#3	.3201445	.0010937	.0215507	3.395795	-.003847	.0113904

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.191995	43.76697	F 79.39515	2.681824	.0094985	.0892127
Stddev	.002733	.14100	1.12476	.026323	.0005488	.0007702
%RSD	.2293099	.3221641	1.416655	.9815473	5.777342	.8633600

#1	1.189468	43.60450	78.11447	2.652947	.0089105	.0900594
#2	1.191621	43.85737	80.22250	2.704478	.0095881	.0890251
#3	1.194896	43.83905	79.84848	2.688047	.0099970	.0885536

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3152974	.2867300	2.380345	5.486687	1.341071	-.002346
Stddev	.0959616	.0013250	.004726	.006188	.009535	.000965
%RSD	30.43527	.4621016	.1985605	.1127860	.7109858	41.11938

#1	.2094783	.2856453	2.382595	5.492522	1.339443	-.001619
#2	.3966740	.2863378	2.383526	5.487342	1.332454	-.003441
#3	.3397399	.2882068	2.374914	5.480198	1.351315	-.001979

Sample Name: K3122-08LX5 Acquired: 06/10/2019 16:11:37 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0AT9L Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9070531	.7215613	.6276158	.0052676	.1827289	.0173623
Stddev	.0013536	.0057120	.0051662	.0009623	.0007660	.0008319
%RSD	.1492299	.7916213	.8231396	18.26925	.4191787	4.791279
#1	.9055415	.7180312	.6234591	.0048415	.1831638	.0178428
#2	.9074647	.7185014	.6259887	.0045918	.1818444	.0178423
#3	.9081531	.7281514	.6333996	.0063694	.1831783	.0164017

Elem	Sr4077
Units	ppm
Avg	.4034678
Stddev	.0008737
%RSD	.2165544
#1	.4025325
#2	.4042631
#3	.4036077

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2757.467	3844.834	61902.88	9653.368	4243.861
Stddev	23.053	4.605	355.57	23.807	2.409
%RSD	.8360033	.1197827	.5744029	.2466203	.0567667
#1	2742.689	3847.597	61566.24	9669.344	4245.954
#2	2745.682	3839.518	61867.64	9626.006	4244.402
#3	2784.030	3847.388	62274.76	9664.755	4241.228

Sample Name: K3119-01 Acquired: 06/10/2019 16:19:42 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0AP2 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0880794	.0040913	.1361758	-.017412	.0006128	25.36216	.2520890
Stddev	.0041827	.0005844	.0012776	.003082	.0016104	.04038	.0007923
%RSD	4.748739	14.28480	.9381818	17.70318	262.7878	.1592224	.3142767

#1	.0896796	.0040580	.1366591	-.014924	-.000982	25.40244	.2528309
#2	.0912257	.0046916	.1347271	-.020860	.002238	25.32168	.2521814
#3	.0833329	.0035242	.1371412	-.016451	.000583	25.36237	.2512545

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0028977	.0020102	24.05194	-.001868	.0132754	.1418041	64.84670
Stddev	.0000378	.0001563	.05597	.000457	.0006650	.0018119	.08128
%RSD	1.303864	7.776114	.2326900	24.47135	5.009577	1.277739	.1253421

#1	.0029301	.0020535	24.10110	-.001703	.0128125	.1438652	64.92641
#2	.0029067	.0021403	24.06369	-.001517	.0129763	.1404625	64.76394
#3	.0028562	.0018368	23.99103	-.002385	.0140375	.1410846	64.84975

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.289010	11.91868	.0072322	-.003329	-.089674	.0387091	.2357692
Stddev	.002825	.02673	.0001677	.000182	.270096	.0018857	.0034139
%RSD	.1234299	.2242635	2.318598	5.469015	301.1992	4.871374	1.447962

#1	2.292216	11.93332	.0070386	-.003410	-.302814	.0403053	.2371942
#2	2.287933	11.88783	.0073313	-.003457	-.180284	.0391934	.2318738
#3	2.286882	11.93488	.0073268	-.003120	.214077	.0366285	.2382398

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.99375	1.858110	-.001023	.0350798	3.898185	.9631973	-.001639
Stddev	.07298	.010886	.001062	.0002644	.001782	.0016274	.002156
%RSD	.6638573	.5858659	103.7467	.7537301	.0457090	.1689633	131.5277

#1	11.06975	1.851716	-.001116	.0353284	3.899944	.9615331	-.002072
#2	10.98729	1.870680	.000082	.0348020	3.898229	.9632736	.000700
#3	10.92422	1.851935	-.002035	.0351090	3.896381	.9647853	-.003546

Sample Name: K3119-01 Acquired: 06/10/2019 16:19:42 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0AP2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.357682	.0290523	.0811358
Stddev	.004193	.0006706	.0000140
%RSD	.3088349	2.308103	.0172799

#1	1.361930	.0295115	.0811469
#2	1.353546	.0282827	.0811406
#3	1.357571	.0293626	.0811201

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2925.097	4059.641	66007.36	10156.65	4294.892
Stddev	49.253	7.263	949.74	4.73	4.412
%RSD	1.683824	.1789185	1.438837	.0465750	.1027153

#1	2891.642	4054.949	65248.78	10152.95	4289.900
#2	2981.655	4068.007	67072.52	10155.03	4298.266
#3	2901.994	4055.966	65700.77	10161.98	4296.511

Sample Name: K3119-02 Acquired: 06/10/2019 16:23:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0AP3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1129477	.0097243	.0936199	-.022157	.0009245	37.47411	.5362867
Stddev	.0040929	.0029512	.0027034	.005363	.0016906	.17220	.0035337
%RSD	3.623705	30.34924	2.887614	24.20553	182.8772	.4595239	.6589221

#1	.1083539	.0121359	.0935746	-.018052	.0027466	37.27617	.5322200
#2	.1162062	.0064333	.0963457	-.020193	.0006202	37.55667	.5386093
#3	.1142830	.0106036	.0909395	-.028225	-.000593	37.58949	.5380309

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065794	.0152981	23.73555	.0012337	.0333024	.2730656	102.7199
Stddev	.0000350	.0000661	.17108	.0005849	.0003764	.0017834	.2964
%RSD	.5324646	.4317312	.7207876	47.41303	1.130174	.6530930	.2885990

#1	.0066198	.0152361	23.53984	.0011552	.0336836	.2712130	102.3835
#2	.0065569	.0152906	23.81012	.0018539	.0329311	.2732132	102.9427
#3	.0065617	.0153675	23.85669	.0006920	.0332926	.2747706	102.8335

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.84377	26.06240	.0216521	.0228180	.2316320	.1110230	1.315832
Stddev	.05827	.19047	.0005807	.0003817	.0876886	.0007344	.012654
%RSD	.4536855	.7308398	2.681810	1.672890	37.85686	.6614365	.9616613

#1	12.77825	25.85480	.0221891	.0223961	.2532439	.1104286	1.323564
#2	12.88980	26.22911	.0210359	.0231395	.3064940	.1107965	1.301229
#3	12.86325	26.10330	.0217313	.0229182	.1351582	.1118440	1.322703

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.32306	2.441812	.0004942	.0667261	2.296109	.9470622	-.003362
Stddev	.06614	.008831	.0005549	.0003228	.012128	.0071141	.001055
%RSD	.3422910	.3616766	112.2902	.4837238	.5282119	.7511751	31.39452

#1	19.28701	2.451973	.0003709	.0665320	2.302197	.9390879	-.004501
#2	19.39940	2.435977	.0011004	.0665477	2.282143	.9527577	-.003167
#3	19.28279	2.437486	.0000113	.0670987	2.303987	.9493409	-.002417

Sample Name: K3119-02 Acquired: 06/10/2019 16:23:43 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0AP3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.753740	.0495830	.2307891
Stddev	.022331	.0010524	.0003805
%RSD	.5948921	2.122576	.1648774

#1	3.727978	.0483786	.2303527
#2	3.765667	.0500448	.2309633
#3	3.767574	.0503256	.2310513

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2949.019	4102.070	66461.31	10380.83	4222.486
Stddev	4.229	4.179	29.96	50.24	6.265
%RSD	.1434178	.1018803	.0450759	.4839519	.1483634

#1	2946.079	4097.245	66439.81	10433.82	4215.254
#2	2947.111	4104.395	66448.57	10333.90	4225.973
#3	2953.866	4104.569	66495.53	10374.76	4226.232

Sample Name: K3119-03 Acquired: 06/10/2019 16:27:45 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0AP4 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1024013	.0075725	.0991848	-.022530	.0005747	34.36052	.4392934
Stddev	.0025895	.0015567	.0004676	.001634	.0013487	.02171	.0018058
%RSD	2.528744	20.55698	.4713882	7.251308	234.6836	.0631838	.4110770

#1	.1023004	.0067996	.0991402	-.022128	.0020596	34.38559	.4412053
#2	.0998638	.0065534	.0996730	-.021135	-.000575	34.34788	.4390582
#3	.1050398	.0093643	.0987411	-.024327	.000239	34.34808	.4376166

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0057346	.0132606	23.50904	.0023776	.0354110	.2277808	90.10148
Stddev	.0000195	.0000495	.06974	.0002160	.0003133	.0032016	.26098
%RSD	.3394484	.3734562	.2966653	9.083725	.8848348	1.405539	.2896546

#1	.0057238	.0133144	23.58634	.0026075	.0357057	.2312299	90.31191
#2	.0057229	.0132506	23.48993	.0023466	.0350819	.2249039	90.18310
#3	.0057570	.0132169	23.45084	.0021789	.0354454	.2272086	89.80945

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.64825	23.97071	.0187479	-.002085	.3597357	.0957887	1.206209
Stddev	.03593	.07335	.0004118	.000244	.2500897	.0012158	.002010
%RSD	.3084704	.3059815	2.196701	11.70498	69.52039	1.269282	.1666196

#1	11.68169	24.00087	.0185189	-.002079	.0711002	.0970176	1.203940
#2	11.65278	24.02417	.0185015	-.001844	.4961790	.0957620	1.207767
#3	11.61026	23.88709	.0192234	-.002332	.5119278	.0945864	1.206919

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.34516	2.254958	.0010852	.0524469	2.085622	.9701314	-.002816
Stddev	.07008	.005786	.0014212	.0005829	.004208	.0012298	.000053
%RSD	.4040309	.2566115	130.9632	1.111379	.2017524	.1267644	1.882967

#1	17.30771	2.248283	.0025361	.0523363	2.090164	.9701972	-.002851
#2	17.42601	2.258038	.0010237	.0530771	2.081855	.9688701	-.002755
#3	17.30177	2.258552	-.000304	.0519272	2.084848	.9713270	-.002843

Sample Name: K3119-03 Acquired: 06/10/2019 16:27:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0AP4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.198188	.0456291	.2091534
Stddev	.000608	.0024066	.0001250
%RSD	.0190260	5.274176	.0597767

#1	3.198174	.0430888	.2092938
#2	3.197586	.0459237	.2091127
#3	3.198802	.0478748	.2090539

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2910.326	4073.255	65664.35	10209.61	4249.381
Stddev	3.968	3.237	254.36	42.04	8.384
%RSD	.1363532	.0794690	.3873683	.4118040	.1973012

#1	2906.215	4074.259	65371.85	10162.70	4259.061
#2	2910.629	4069.635	65787.48	10222.21	4244.680
#3	2914.134	4075.871	65833.71	10243.91	4244.403

Sample Name: K3119-06 Acquired: 06/10/2019 16:40:04 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0AP7 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.599603	.0103352	4.503128	-.052405	.0941960	27.55446	.4841364
Stddev	.004851	.0015246	.009730	.001259	.0015421	.04056	.0034879
%RSD	.3032769	14.75141	.2160749	2.403250	1.637115	.1472006	.7204304

#1	1.594899	.0087949	4.513032	-.053377	.0947648	27.51937	.4828857
#2	1.599320	.0103671	4.493581	-.050982	.0924503	27.59887	.4880772
#3	1.604589	.0118436	4.502772	-.052857	.0953728	27.54515	.4814464

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0102121	.0178261	-.384656	-.017271	.0300179	1.100485	261.6424
Stddev	.0000796	.0000688	.025654	.000429	.0004702	.003041	1.1997
%RSD	.7793203	.3858818	6.669219	2.485860	1.566460	.2763714	.4585334

#1	.0102699	.0178837	-.406610	-.016940	.0297513	1.097049	260.4902
#2	.0101214	.0178447	-.390901	-.017756	.0297416	1.101572	262.8845
#3	.0102452	.0177500	-.356456	-.017117	.0305609	1.102833	261.5524

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.80481	4.376094	.0204413	.1933596	-.213016	.0629652	2.242312
Stddev	.11091	.027743	.0002563	.0009327	.369894	.0023004	.004403
%RSD	.4659006	.6339687	1.253630	.4823795	173.6460	3.653386	.1963407

#1	23.72051	4.344232	.0207014	.1932913	-.551132	.0656213	2.238103
#2	23.93045	4.389142	.0201890	.1943246	-.269968	.0616602	2.246885
#3	23.76347	4.394907	.0204337	.1924629	.182051	.0616141	2.241948

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.602269	3.176945	.0180757	1.524546	1.249607	1.554876	.0102671
Stddev	.036926	.013156	.0029158	.003917	.011391	.003098	.0006663
%RSD	.5592883	.4141047	16.13117	.2569369	.9115295	.1992414	6.489218

#1	6.616872	3.168103	.0196373	1.520493	1.236625	1.551311	.0094987
#2	6.629661	3.170669	.0147117	1.524832	1.254269	1.556907	.0106196
#3	6.560275	3.192064	.0198782	1.528312	1.257926	1.556411	.0106831

Sample Name: K3119-06 Acquired: 06/10/2019 16:40:04 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0AP7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2524160	.0099039	.2254093
Stddev	.0002483	.0005593	.0002165
%RSD	.0983800	5.647323	.0960532

#1	.2526705	.0094247	.2251593
#2	.2521744	.0105185	.2255319
#3	.2524032	.0097686	.2255368

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2967.924	4111.623	66845.59	10452.96	4343.493
Stddev	11.632	7.047	202.78	27.70	12.712
%RSD	.3919259	.1713979	.3033501	.2650036	.2926667

#1	2979.543	4112.137	66767.39	10473.99	4336.115
#2	2956.279	4118.400	66693.55	10421.57	4358.172
#3	2967.950	4104.333	67075.82	10463.32	4336.193

Sample Name: K3119-07 Acquired: 06/10/2019 16:44:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0AP8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4690805	.0095449	1.315865	-.024389	.0027752	33.51792	.3605303
Stddev	.0027325	.0012577	.001848	.002451	.0015325	.05445	.0021433
%RSD	.5825144	13.17647	.1404276	10.04995	55.21996	.1624541	.5944839

#1	.4704036	.0093702	1.315646	-.026283	.0019433	33.58013	.3620639
#2	.4659384	.0108808	1.314136	-.025262	.0018386	33.47893	.3614457
#3	.4708996	.0083837	1.317812	-.021621	.0045437	33.49470	.3580813

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0039264	.0195334	10.88216	.0004492	.0225502	.4459801	91.40756
Stddev	.0000569	.0000255	.05514	.0003979	.0001632	.0018683	.27233
%RSD	1.448959	.1303957	.5066671	88.59062	.7237067	.4189176	.2979346

#1	.0038868	.0195254	10.94465	.0000867	.0224254	.4463485	91.70364
#2	.0039916	.0195129	10.86147	.0003859	.0227349	.4439551	91.35125
#3	.0039008	.0195619	10.84036	.0008750	.0224904	.4476368	91.16778

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.30566	14.41474	.0127022	.0233182	.0984257	.0812708	4.086662
Stddev	.05224	.04316	.0003272	.0001409	.2035301	.0027931	.023913
%RSD	.4245309	.2994148	2.575741	.6041444	206.7855	3.436770	.5851458

#1	12.36444	14.45059	.0125034	.0231556	-.136396	.0824475	4.098225
#2	12.28804	14.36683	.0125234	.0234044	.224115	.0832830	4.059165
#3	12.26451	14.42680	.0130798	.0233946	.207559	.0780819	4.102595

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.70713	2.502579	.0045357	.0252927	6.687752	1.703112	.0024421
Stddev	.01088	.008456	.0016011	.0004431	.015188	.006054	.0011797
%RSD	.0794110	.3378775	35.29912	1.751783	.2271035	.3554463	48.30725

#1	13.71368	2.499137	.0061353	.0257836	6.699770	1.704105	.0011123
#2	13.71314	2.496387	.0029331	.0251717	6.670681	1.708608	.0033627
#3	13.69456	2.512213	.0045387	.0249226	6.692803	1.696623	.0028515

Sample Name: K3119-07 Acquired: 06/10/2019 16:44:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0AP8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.609596	.0360772	.0872699
Stddev	.006557	.0009543	.0001856
%RSD	.4073779	2.645186	.2126788

#1	1.615756	.0355228	.0870577
#2	1.610328	.0371792	.0874016
#3	1.602703	.0355297	.0873505

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2807.073	3907.718	63328.69	9883.229	4284.455
Stddev	19.143	4.773	355.50	13.888	4.403
%RSD	.6819467	.1221329	.5613587	.1405170	.1027772

#1	2808.269	3902.246	63426.53	9884.899	4281.476
#2	2825.590	3911.020	63625.03	9868.582	4289.513
#3	2787.360	3909.887	62934.52	9896.206	4282.376

Sample Name: K3119-09 Acquired: 06/10/2019 16:52:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0AQ0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2105461	.0130148	.3906591	-.040286	-.000351	85.62571	1.962691
Stddev	.0026258	.0006326	.0024647	.002214	.003468	.09277	.004939
%RSD	1.247159	4.860851	.6309170	5.494954	987.3788	.1083480	.2516350

#1	.2075174	.0134791	.3914823	-.038292	-.002635	85.66402	1.967748
#2	.2119351	.0122942	.3878881	-.039899	.003640	85.51991	1.957880
#3	.2121856	.0132710	.3926069	-.042668	-.002058	85.69319	1.962444

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0077365	.0035198	193.8362	.0294811	.1098326	.3552467	191.3416
Stddev	.0001068	.0000813	.7029	.0003553	.0003642	.0028167	.2163
%RSD	1.380659	2.309436	.3626481	1.205051	.3315922	.7928717	.1130465

#1	.0076447	.0035043	194.6473	.0290786	.1099543	.3577804	191.3075
#2	.0077109	.0034474	193.4585	.0296132	.1094231	.3557458	191.5729
#3	.0078537	.0036077	193.4029	.0297513	.1101204	.3522138	191.1444

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.98237	64.52663	.0792347	-.007211	.0889304	.4135027	.6197280
Stddev	.03715	.12357	.0001868	.000225	.1050610	.0020461	.0029610
%RSD	.1859095	.1915030	.2357702	3.125077	118.1384	.4948218	.4777815

#1	20.02344	64.51007	.0790327	-.006962	.2094079	.4124528	.6164673
#2	19.97257	64.65764	.0792705	-.007401	.0163751	.4158606	.6222489
#3	19.95110	64.41217	.0794011	-.007271	.0410084	.4121947	.6204679

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	42.33608	7.068329	.0084432	.0204673	.6252905	1.481956	-.007769
Stddev	.01143	.028407	.0016572	.0003477	.0041047	.007019	.001415
%RSD	.0270052	.4018887	19.62806	1.698580	.6564543	.4736152	18.21414

#1	42.33774	7.048260	.0089455	.0206286	.6281138	1.486510	-.008374
#2	42.34660	7.055895	.0097912	.0200683	.6205818	1.473873	-.006152
#3	42.32391	7.100833	.0065929	.0207051	.6271760	1.485486	-.008780

Sample Name: K3119-09 Acquired: 06/10/2019 16:52:02 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0AQ0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.982424	.1688336	.4633108
Stddev	.005100	.0003898	.0009245
%RSD	.0852452	.2308748	.1995511

#1	5.986188	.1691467	.4625361
#2	5.976620	.1683970	.4630619
#3	5.984464	.1689572	.4643343

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2751.089	3834.623	61999.87	9841.390	4018.754
Stddev	23.116	6.279	376.06	17.136	1.988
%RSD	.8402452	.1637434	.6065468	.1741176	.0494721

#1	2759.384	3841.107	62156.41	9824.444	4020.597
#2	2724.970	3828.571	61570.83	9841.016	4019.018
#3	2768.912	3834.191	62272.38	9858.709	4016.647

Sample Name: K3119-08 Acquired: 06/10/2019 16:48:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0AP9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2050145	.0123489	.1728539	-.054555	-.001768	108.0627
Stddev	.0024721	.0035402	.0006218	.003530	.001193	.0784
%RSD	1.205821	28.66785	.3597444	6.469721	67.45331	.0725240

#1	.2063070	.0090644	.1734867	-.052404	-.001531	107.9849
#2	.2021640	.0160987	.1722436	-.052632	-.000712	108.0616
#3	.2065724	.0118834	.1728313	-.058629	-.003061	108.1416

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.259640	.0093206	.0085849	38.28466	.0392713	.1636836
Stddev	.004475	.0000723	.0002366	.12859	.0007670	.0007062
%RSD	.1980272	.7752456	2.755852	.3358698	1.953061	.4314281

#1	2.255062	.0093748	.0087057	38.13912	.0395648	.1630017
#2	2.259854	.0092386	.0083123	38.38290	.0398481	.1636374
#3	2.264003	.0093484	.0087367	38.33196	.0384008	.1644117

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3797660	253.7826	9.449684	81.27077	.1058786	-.009412
Stddev	.0030182	.2505	.018371	.15053	.0007773	.000146
%RSD	.7947514	.0986953	.1944117	.1852221	.7341210	1.554843

#1	.3814611	253.5806	9.428864	81.09715	.1049812	-.009543
#2	.3762813	253.7044	9.456574	81.35035	.1063149	-.009254
#3	.3815557	254.0629	9.463615	81.36480	.1063397	-.009440

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2274416	.4943335	.8188001	71.40034	F 10.67576	.0100134
Stddev	.1155538	.0026256	.0003825	.09429	.03330	.0018170
%RSD	50.80593	.5311306	.0467192	.1320617	.3119211	18.14565

#1	.1263491	.4956686	.8188471	71.49284	10.68940	.0120806
#2	.2025695	.4913087	.8191570	71.40384	10.63781	.0086690
#3	.3534061	.4960232	.8183963	71.30435	10.70007	.0092907

Sample Name: K3119-08 Acquired: 06/10/2019 16:48:03 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0AP9 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029198	.7953892	2.189748	-.015206	15.79459	.3678976
Stddev	.0005482	.0015875	.005155	.000320	.02971	.0021691
%RSD	18.77563	.1995875	.2354252	2.102288	.1881277	.5896068
#1	.0024121	.7938646	2.195690	-.014882	15.76362	.3653934
#2	.0035011	.7952702	2.186472	-.015214	15.79729	.3691035
#3	.0028463	.7970329	2.187082	-.015521	15.82286	.3691958

Elem	Sr4077
Units	ppm
Avg	.2196540
Stddev	.0003126
%RSD	.1422984
#1	.2199961
#2	.2195825
#3	.2193834

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2959.288	4122.984	66841.98	10599.29	4072.808
Stddev	10.285	11.816	132.74	14.97	6.867
%RSD	.3475341	.2865884	.1985817	.1412819	.1686082
#1	2969.195	4135.112	66973.74	10601.89	4073.171
#2	2948.663	4122.332	66708.29	10583.19	4079.486
#3	2960.006	4111.507	66843.90	10612.80	4065.766

Sample Name: K3119-12 Acquired: 06/10/2019 17:04:14 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0AQ3 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3635310	.0106691	.2204934	-.044837	-.000270	33.36172	.4521445
Stddev	.0058507	.0024072	.0019786	.001961	.002162	.02550	.0007224
%RSD	1.609412	22.56272	.8973546	4.373675	801.8908	.0764344	.1597810

#1	.3595028	.0105387	.2186371	-.042607	.001048	33.38258	.4529352
#2	.3702420	.0131389	.2202680	-.046293	-.002765	33.36927	.4519792
#3	.3608481	.0083297	.2225750	-.045611	.000908	33.33329	.4515190

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0104534	.0068085	203.3222	-.000212	.1183474	.1440532	208.4910
Stddev	.0001234	.0000102	.3628	.000402	.0006179	.0012658	.0808
%RSD	1.180724	.1493932	.1784375	189.9326	.5221130	.8787198	.0387462

#1	.0105162	.0068126	203.1473	-.000591	.1177628	.1425919	208.4154
#2	.0103112	.0068160	203.0799	-.000255	.1182854	.1447558	208.5761
#3	.0105328	.0067969	203.7393	.000210	.1189940	.1448119	208.4814

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.03875	36.79182	.0689955	-.005344	-.062279	.2111292	.5985313
Stddev	.02272	.12151	.0006794	.000310	.042295	.0002346	.0061791
%RSD	.1510557	.3302555	.9847710	5.795321	67.91269	.1110990	1.032382

#1	15.01445	36.68471	.0682322	-.005608	-.058107	.2110336	.5946250
#2	15.04234	36.92386	.0695343	-.005003	-.106505	.2109575	.6056552
#3	15.05945	36.76689	.0692201	-.005421	-.022224	.2113965	.5953135

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.84136	6.983873	.0029379	.0211442	27.46883	1.483083	-.002700
Stddev	.03133	.027141	.0052428	.0003082	.05461	.005155	.001105
%RSD	.1756114	.3886199	178.4556	1.457776	.1987954	.3475578	40.91562

#1	17.87379	6.970617	.0071300	.0208308	27.44658	1.485038	-.003803
#2	17.83903	6.965909	-.002941	.0211548	27.42886	1.477237	-.002702
#3	17.81126	7.015095	.004624	.0214470	27.53105	1.486974	-.001594

Sample Name: K3119-12 Acquired: 06/10/2019 17:04:14 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0AQ3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.800160	.0355818	.2442592
Stddev	.004767	.0008129	.0003468
%RSD	.2648267	2.284682	.1419597

#1	1.797050	.0357503	.2446594
#2	1.797782	.0346979	.2440476
#3	1.805649	.0362973	.2440707

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3100.404	4341.536	70470.90	11169.27	4045.633
Stddev	20.630	10.394	379.75	41.14	5.147
%RSD	.6653844	.2394164	.5388724	.3683175	.1272205

#1	3124.082	4350.149	70699.39	11197.58	4050.280
#2	3090.816	4344.468	70032.54	11188.16	4046.517
#3	3086.312	4329.990	70680.78	11122.08	4040.101

Sample Name: K3119-13 Acquired: 06/10/2019 17:08:12 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0AQ4 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6904726	.0239302	2.191412	-.061093	.0057835	30.53900	2.343579
Stddev	.0007296	.0013887	.003853	.004349	.0037864	.09055	.011566
%RSD	.1056627	5.802993	.1758387	7.119112	65.46909	.2965040	.4935275

#1	.6907332	.0246202	2.192296	-.056098	.0089592	30.62312	2.354751
#2	.6910361	.0248387	2.187194	-.063136	.0067982	30.55071	2.344329
#3	.6896486	.0223317	2.194747	-.064045	.0015931	30.44316	2.331655

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0070704	.0046612	302.2520	-.012932	.0994276	.5938892	309.9544
Stddev	.0000866	.0000712	1.1886	.000323	.0005274	.0022751	.4737
%RSD	1.225061	1.527773	.3932496	2.494229	.5304420	.3830844	.1528405

#1	.0070502	.0045789	303.4784	-.012983	.0999075	.5928566	310.4998
#2	.0071653	.0047028	302.1725	-.012587	.0988629	.5923136	309.7189
#3	.0069957	.0047018	301.1051	-.013226	.0995125	.5964975	309.6446

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.04414	11.54866	.0127133	.0999610	3.109946	.1984452	.4910950
Stddev	.06392	.04725	.0004167	.0007991	.168759	.0021727	.0056439
%RSD	.3037346	.4090976	3.277586	.7993590	5.426432	1.094859	1.149244

#1	21.11099	11.58418	.0127479	.1004524	3.039116	.1994215	.4974492
#2	21.03781	11.49504	.0122804	.1003916	2.988146	.1999584	.4891716
#3	20.98363	11.56675	.0131116	.0990390	3.302578	.1959556	.4866642

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	34.46913	5.826493	.0184343	.0729085	57.20666	2.101523	.0007553
Stddev	.06819	.031318	.0059791	.0002471	.21764	.004608	.0021665
%RSD	.1978389	.5375149	32.43467	.3389215	.3804471	.2192898	286.8604

#1	34.54598	5.819059	.0252967	.0726515	57.18307	2.096225	.0009605
#2	34.44556	5.799561	.0143474	.0729297	57.00178	2.104606	.0028119
#3	34.41585	5.860860	.0156587	.0731444	57.43514	2.103737	-.001507

Sample Name: K3119-13 Acquired: 06/10/2019 17:08:12 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0AQ4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0897680	.0556444	1.318411
Stddev	.0003773	.0010173	.000723
%RSD	.4203121	1.828269	.0548118

#1	.0893669	.0555652	1.319054
#2	.0901159	.0566989	1.318550
#3	.0898213	.0546689	1.317629

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2572.412	3602.494	58557.65	9345.023	4029.161
Stddev	17.927	6.915	426.47	35.985	10.872
%RSD	.6968899	.1919382	.7282951	.3850744	.2698408

#1	2555.652	3601.786	58105.47	9348.049	4029.639
#2	2591.313	3609.735	58952.65	9379.399	4039.786
#3	2570.272	3595.960	58614.82	9307.620	4018.057

Sample Name: K3119-14 Acquired: 06/10/2019 17:12:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0AQ5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.059336	.6103926	4.455104	.1156936	.0124522	37.50751
Stddev	.007515	.0048045	.010777	.0072886	.0007666	.03388
%RSD	.7093793	.7871117	.2419102	6.299893	6.156341	.0903258

#1	1.055178	.6155709	4.443504	.1084475	.0131737	37.46988
#2	1.054820	.6095275	4.457001	.1230239	.0116473	37.51706
#3	1.068011	.6060794	4.464807	.1156095	.0125357	37.53558

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7943419	-.049542	.0428867	115.7826	-.101713	.1197056
Stddev	.0016739	.000039	.0002485	.6440	.001486	.0007619
%RSD	.2107320	.0793231	.5794870	.5562371	1.460727	.6364603

#1	.7945431	-.049506	.0426458	116.3504	-.100485	.1199092
#2	.7925765	-.049534	.0428720	115.0828	-.101289	.1188626
#3	.7959062	-.049584	.0431422	115.9144	-.103364	.1203450

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.187246	390.9950	F 785.9860	9.280893	.1661497	1.090548
Stddev	.007036	.3065	7.1489	.023314	.0008969	.001947
%RSD	.1680231	.0783834	.9095465	.2512097	.5398457	.1785053

#1	4.180199	390.9004	780.4053	9.305176	.1662968	1.088577
#2	4.187270	390.7469	783.5087	9.258686	.1651883	1.092470
#3	4.194270	391.3376	794.0440	9.278818	.1669641	1.090596

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.685766	-.987604	9.210831	43.50441	8.159206	-.020298
Stddev	.211214	.025678	.039316	.14707	.020499	.000893
%RSD	5.730542	2.600015	.4268425	.3380533	.2512405	4.401338

#1	3.475844	-.997025	9.229471	43.34402	8.135834	-.021286
#2	3.683205	-.958547	9.165662	43.53629	8.167650	-.020062
#3	3.898249	-1.00724	9.237360	43.63293	8.174135	-.019546

Sample Name: K3119-14 Acquired: 06/10/2019 17:12:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0AQ5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7210516	4.615596	3.308746	-.000774	.2216186	.0929047
Stddev	.0008774	.009845	.005071	.001324	.0006051	.0016437
%RSD	.1216893	.2132924	.1532508	171.0964	.2730291	1.769257
#1	.7202206	4.626168	3.309730	-.000926	.2221829	.0937541
#2	.7219691	4.613928	3.313252	.000620	.2209797	.0910100
#3	.7209651	4.606692	3.303255	-.002015	.2216932	.0939498

Elem	Sr4077
Units	ppm
Avg	10.39850
Stddev	.03255
%RSD	.3130546
#1	10.40679
#2	10.42611
#3	10.36260

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2883.918	3948.661	62863.96	10032.09	3744.947
Stddev	11.466	1.857	77.81	24.37	4.413
%RSD	.3975861	.0470254	.1237830	.2428842	.1178418
#1	2878.824	3950.165	62774.23	10007.25	3749.335
#2	2897.049	3946.585	62904.67	10055.95	3740.509
#3	2875.882	3949.231	62912.97	10033.08	3744.997

Sample Name: K3119-15 Acquired: 06/10/2019 17:16:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0AQ6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6085746	.0213728	2.173545	-.043913	.0072963	49.95444
Stddev	.0034040	.0029838	.000967	.005733	.0004346	.04480
%RSD	.5593338	13.96090	.0445095	13.05506	5.955789	.0896899

#1	.6086358	.0196462	2.173551	-.043267	.0077734	49.96375
#2	.6051405	.0196540	2.172575	-.038531	.0071924	49.90571
#3	.6119476	.0248182	2.174510	-.049942	.0069231	49.99386

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.865209	.0065336	.0176338	64.82827	.0132481	.0848592
Stddev	.003688	.0000433	.0000581	.22557	.0008239	.0005126
%RSD	.1977305	.6625765	.3294814	.3479471	6.218914	.6040991

#1	1.869110	.0065139	.0176952	65.01581	.0132446	.0846380
#2	1.864738	.0065832	.0175797	64.89104	.0124259	.0844943
#3	1.861779	.0065037	.0176266	64.57797	.0140737	.0854453

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.397725	262.1335	F 68.90772	21.78176	.0431339	.1508878
Stddev	.001416	.1014	1.05252	.03262	.0008307	.0010776
%RSD	.1013020	.0386721	1.527430	.1497514	1.925952	.7141751

#1	1.399012	262.0560	69.79433	21.75398	.0440068	.1502815
#2	1.397954	262.0963	69.18431	21.81768	.0430419	.1521320
#3	1.396208	262.2482	67.74453	21.77361	.0423530	.1502500

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4086615	.2891032	3.575196	23.62761	5.848429	.0177484
Stddev	.0972098	.0005643	.019929	.08016	.013880	.0053639
%RSD	23.78736	.1951763	.5574297	.3392452	.2373321	30.22191

#1	.3787492	.2884539	3.569251	23.63202	5.857145	.0144483
#2	.5173122	.2893807	3.558916	23.70547	5.855719	.0148594
#3	.3299230	.2894749	3.597422	23.54534	5.832423	.0239376

Sample Name: K3119-15 Acquired: 06/10/2019 17:16:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0AQ6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1113024	16.68554	1.810301	.0024385	.8047960	.0517277
Stddev	.0006428	.04589	.013300	.0012528	.0008561	.0015624
%RSD	.5775060	.2750272	.7346849	51.37588	.1063700	3.020352

#1	.1106120	16.73193	1.818087	.0009958	.8056817	.0519066
#2	.1114118	16.64017	1.817872	.0032514	.8047332	.0531929
#3	.1118835	16.68453	1.794944	.0030684	.8039730	.0500835

Elem	Sr4077
Units	ppm
Avg	1.455980
Stddev	.003591
%RSD	.2466112

#1	1.455275
#2	1.459871
#3	1.452794

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2830.800	3952.953	63866.47	10092.32	4118.196
Stddev	3.422	4.170	176.54	65.52	7.261
%RSD	.1208954	.1054854	.2764232	.6491662	.1763045

#1	2834.147	3955.859	63672.41	10037.48	4112.282
#2	2830.947	3954.825	63909.44	10074.60	4116.005
#3	2827.307	3948.176	64017.56	10164.87	4126.299

Sample Name: K3119-16 Acquired: 06/10/2019 17:20:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0AQ7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7248764	.0285669	2.487111	-.047679	.0053165	52.40185
Stddev	.0025760	.0016384	.002043	.002538	.0006852	.03256
%RSD	.3553751	5.735443	.0821586	5.323041	12.88874	.0621401

#1	.7238754	.0268718	2.488196	-.046520	.0053183	52.37034
#2	.7278026	.0286867	2.488383	-.050590	.0060008	52.39983
#3	.7229511	.0301421	2.484754	-.045927	.0046304	52.43537

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.832790	.0064161	.0156239	91.53912	.0092236	.0789034
Stddev	.002027	.0001350	.0001044	.35361	.0010963	.0002619
%RSD	.1106003	2.103782	.6681472	.3862929	11.88547	.3319669

#1	1.830456	.0064620	.0155813	91.13218	.0098585	.0787046
#2	1.833807	.0065221	.0155476	91.71363	.0098545	.0792002
#3	1.834108	.0062641	.0157429	91.77156	.0079577	.0788054

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.310482	275.5154	F 59.92317	22.72460	.0396796	.1096461
Stddev	.003535	.5574	.55476	.11336	.0003782	.0001134
%RSD	.2697823	.2023146	.9257810	.4988510	.9531476	.1034330

#1	1.307343	275.2255	59.97563	22.62715	.0395184	.1097531
#2	1.309790	275.1626	60.44984	22.69764	.0394087	.1096579
#3	1.314312	276.1580	59.34405	22.84902	.0401117	.1095272

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6513411	.3232813	3.244243	27.34488	5.997179	.0165522
Stddev	.0245489	.0035162	.009377	.05376	.009563	.0041420
%RSD	3.768978	1.087671	.2890255	.1966081	.1594562	25.02369

#1	.6695530	.3252069	3.234343	27.32216	6.005105	.0190116
#2	.6234231	.3192228	3.245395	27.30622	5.999874	.0117701
#3	.6610473	.3254141	3.252990	27.40628	5.986558	.0188749

Sample Name: K3119-16 Acquired: 06/10/2019 17:20:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0AQ7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1051062	23.07454	1.977942	.0012115	.7977412	.0535955
Stddev	.0001361	.04145	.004300	.0022310	.0041203	.0008593
%RSD	.1294370	.1796252	.2173935	184.1515	.5164984	1.603258
#1	.1050288	23.11765	1.973660	.0036201	.7931410	.0544440
#2	.1050264	23.03498	1.982260	-.000784	.7989897	.0527259
#3	.1052632	23.07099	1.977907	.000799	.8010929	.0536166

Elem	Sr4077
Units	ppm
Avg	1.515203
Stddev	.001263
%RSD	.0833741
#1	1.516158
#2	1.513771
#3	1.515681

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2884.918	3997.794	65048.74	10226.67	4117.432
Stddev	3.097	9.908	171.34	10.34	9.090
%RSD	.1073433	.2478374	.2634079	.1010797	.2207693
#1	2882.345	3988.319	64875.73	10237.49	4111.393
#2	2888.355	4008.085	65052.13	10225.63	4127.886
#3	2884.053	3996.979	65218.36	10216.90	4113.016

Sample Name: K3119-19LX5 Acquired: 06/10/2019 17:24:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0AR0L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1473548	.0035146	.8163030	-.009566	.0010121	6.115358	.0842949
Stddev	.0024915	.0009858	.0030156	.004201	.0011497	.019765	.0002906
%RSD	1.690780	28.04814	.3694198	43.91803	113.6060	.3231979	.3447067

#1	.1444787	.0031186	.8130892	-.004994	-.000201	6.093171	.0844254
#2	.1488502	.0027885	.8190707	-.013256	.001150	6.121819	.0839620
#3	.1487355	.0046369	.8167491	-.010448	.002086	6.131084	.0844974

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013498	.0043693	1.391210	-.000470	.0081586	.2389313	25.02758
Stddev	.0000668	.0000893	.012795	.000189	.0002267	.0038236	.06797
%RSD	4.948391	2.044050	.9197035	40.18149	2.778489	1.600276	.2716001

#1	.0012921	.0043315	1.383698	-.000257	.0078969	.2357136	24.97503
#2	.0014230	.0043051	1.405984	-.000619	.0082840	.2431582	25.00336
#3	.0013343	.0044713	1.383949	-.000534	.0082948	.2379220	25.10434

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.193383	1.358559	.0039654	.1216628	.1712244	.0179701	.7812658
Stddev	.015488	.006432	.0003504	.0008773	.4536122	.0035824	.0043224
%RSD	.2153070	.4734623	8.836176	.7210876	264.9227	19.93550	.5532545

#1	7.178239	1.359491	.0043425	.1216827	.6731917	.0191620	.7765516
#2	7.192717	1.364474	.0039038	.1207757	.0498002	.0208046	.7822034
#3	7.209193	1.351711	.0036499	.1225299	-.209319	.0139436	.7850424

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.029131	.3985246	-.009230	.0118737	.0900968	.2518328	-.001463
Stddev	.016335	.0038576	.000870	.0003508	.0046294	.0056462	.000790
%RSD	1.587236	.9679636	9.425131	2.954836	5.138226	2.242044	53.99844

#1	1.041753	.3950719	-.009981	.0117201	.0947680	.2482972	-.000613
#2	1.034959	.3978137	-.008277	.0122751	.0900120	.2488568	-.002175
#3	1.010682	.4026882	-.009433	.0116258	.0855104	.2583445	-.001603

Sample Name: K3119-19LX5 Acquired: 06/10/2019 17:24:33 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0AR0L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0457266	.0050233	.0372305
Stddev	.0007940	.0020932	.0000307
%RSD	1.736388	41.66993	.0823232

#1	.0456059	.0070277	.0372009
#2	.0465740	.0028514	.0372286
#3	.0449998	.0051907	.0372621

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2644.655	3695.699	59336.71	9180.244	4354.935
Stddev	10.180	3.109	89.26	18.110	2.306
%RSD	.3849424	.0841262	.1504303	.1972752	.0529519

#1	2641.668	3696.100	59235.29	9196.769	4352.901
#2	2636.301	3698.588	59371.49	9160.883	4357.440
#3	2655.994	3692.409	59403.35	9183.081	4354.463

Sample Name: K3120-20LX5 Acquired: 06/10/2019 17:28:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0AT1L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1454715	.0004973	.5387708	-.003481	.0118997	4.381192	.0804574
Stddev	.0027978	.0013708	.0044556	.001591	.0015283	.005672	.0001434
%RSD	1.923252	275.6455	.8269956	45.71502	12.84347	.1294708	.1781821

#1	.1474127	-.001045	.5439060	-.002076	.0135031	4.375163	.0802919
#2	.1422645	.000958	.5359298	-.005208	.0104595	4.381990	.0805363
#3	.1467373	.001578	.5364766	-.003157	.0117366	4.386424	.0805440

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0027128	.0010329	.8961826	.0012086	.0023473	.2445020	16.94810
Stddev	.0000687	.0000249	.0079204	.0001225	.0002236	.0023407	.03007
%RSD	2.532537	2.412584	.8837927	10.13667	9.523510	.9573267	.1774395

#1	.0027099	.0010526	.8997365	.0012048	.0025402	.2471749	16.91337
#2	.0026456	.0010413	.8871077	.0010881	.0021023	.2428183	16.96550
#3	.0027830	.0010049	.9017037	.0013330	.0023994	.2435129	16.96542

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9561160	.6510364	.0024366	.0116535	.0385593	.0367204	.1700572
Stddev	.0030112	.0242204	.0001874	.0005326	.0997501	.0014115	.0024079
%RSD	.3149444	3.720281	7.691240	4.570477	258.6930	3.843921	1.415967

#1	.9559672	.6499559	.0026523	.0122017	.0160464	.0382153	.1700509
#2	.9531820	.6757790	.0023128	.0111380	-.048010	.0354105	.1724683
#3	.9591989	.6273743	.0023449	.0116207	.147642	.0365355	.1676524

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.061305	.2715768	-.008722	.0144510	.6401963	.1845835	-.000670
Stddev	.030378	.0009091	.000401	.0001838	.0050368	.0041426	.000405
%RSD	2.862346	.3347451	4.596279	1.271580	.7867595	2.244273	60.45911

#1	1.063063	.2705782	-.008260	.0142544	.6344681	.1887821	-.000229
#2	1.030086	.2717956	-.008977	.0146185	.6439324	.1804993	-.000755
#3	1.090766	.2723564	-.008928	.0144802	.6421883	.1844691	-.001025

Sample Name: K3120-20LX5 Acquired: 06/10/2019 17:28:35 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0AT1L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0223504	.0042362	.0155598
Stddev	.0002016	.0013844	.0001023
%RSD	.9019153	32.68039	.6571904

#1	.0225313	.0058057	.0156614
#2	.0221331	.0031888	.0154569
#3	.0223868	.0037140	.0155611

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2656.100	3715.225	59498.11	9253.928	4322.007
Stddev	18.099	8.246	343.80	34.298	12.037
%RSD	.6814036	.2219404	.5778262	.3706344	.2785074

#1	2640.090	3712.992	59353.20	9272.024	4310.648
#2	2652.472	3708.326	59250.50	9275.388	4320.749
#3	2675.738	3724.357	59890.64	9214.371	4334.623

Sample Name: PB120457BS Acquired: 06/10/2019 17:38:08 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: LCS457 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0227781	.0547030	.0189741	.0789056	.1414771	.4071983
Stddev	.0008238	.0011467	.0009215	.0051721	.0032049	.0072141
%RSD	3.616575	2.096305	4.856576	6.554797	2.265328	1.771636

#1	.0232317	.0539891	.0188975	.0783221	.1387616	.4155145
#2	.0218272	.0560258	.0180933	.0843448	.1450123	.4026231
#3	.0232754	.0540941	.0199315	.0740501	.1406574	.4034574

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4536896	.0112429	.0108609	11.39756	.0230060	.1032776
Stddev	.0012568	.0000598	.0000746	.01762	.0002755	.0005545
%RSD	.2770234	.5322715	.6870896	.1545697	1.197297	.5369303

#1	.4540839	.0113120	.0109451	11.41401	.0232459	.1031895
#2	.4547020	.0112077	.0108029	11.39968	.0230669	.1038709
#3	.4522829	.0112090	.0108346	11.37897	.0227052	.1027723

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0502617	.2323950	.0360116	10.85939	.0897381	.0217873
Stddev	.0014149	.0060197	.0003406	.04618	.0007296	.0002707
%RSD	2.815004	2.590309	.9456880	.4252642	.8129760	1.242606

#1	.0490364	.2287738	.0356511	10.84736	.0895939	.0217231
#2	.0518102	.2393440	.0363279	10.82041	.0890914	.0220843
#3	.0499387	.2290674	.0360558	10.91039	.0905290	.0215544

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.84828	.1156156	.1157097	10.38720	.0212582	F .0098653
Stddev	.11966	.0032642	.0007071	.04669	.0014523	.0004851
%RSD	1.103018	2.823349	.6111349	.4495313	6.831672	4.917076

#1	10.76404	.1119550	.1149465	10.41109	.0217592	.0101903
#2	10.79555	.1166681	.1158396	10.41713	.0196218	.0093077
#3	10.98525	.1182238	.1163428	10.33340	.0223937	.0100979

Sample Name: PB120457BS Acquired: 06/10/2019 17:38:08 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: LCS457 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0224243	.1710344	.2173798	.0114752	.2211843	F .1092150
Stddev	.0003853	.0042898	.0010018	.0007278	.0005191	.0012612
%RSD	1.718280	2.508140	.4608588	6.342755	.2346997	1.154806
#1	.0226533	.1742030	.2162402	.0118008	.2214018	.1105910
#2	.0219795	.1727473	.2177771	.0119833	.2205918	.1081139
#3	.0226401	.1661528	.2181220	.0106414	.2215593	.1089401

Elem	Sr4077
Units	ppm
Avg	.2205046
Stddev	.0004588
%RSD	.2080435
#1	.2210035
#2	.2204094
#3	.2201010

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2515.256	3493.522	56436.47	8810.424	4326.688
Stddev	10.350	1.412	80.83	47.028	3.229
%RSD	.4114850	.0404315	.1432227	.5337819	.0746276
#1	2504.192	3494.827	56468.95	8805.637	4323.970
#2	2516.876	3492.022	56344.46	8765.972	4325.837
#3	2524.700	3493.715	56496.01	8859.663	4330.257

Sample Name: CCV072 Acquired: 06/10/2019 17:42:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV072 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.973724	4.840227	24.44540	4.909405	5.101413	402.3139	10.52733
Stddev	.016378	.009401	.01369	.016257	.004232	1.3627	.07460
%RSD	.3292986	.1942314	.0559821	.3311405	.0829668	.3387061	.7085959

#1	4.992559	4.844273	24.46040	4.907238	5.097039	403.2791	10.60109
#2	4.962821	4.846927	24.44221	4.894341	5.105489	402.9075	10.52899
#3	4.965793	4.829480	24.43359	4.926637	5.101710	400.7551	10.45193

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5035583	2.473426	407.9653	15.02272	2.488284	15.24976	419.3093
Stddev	.0024542	.000948	3.4067	.00433	.001457	.04324	2.1411
%RSD	.4873744	.0383299	.8350526	.0288326	.0585686	.2835598	.5106308

#1	.5061712	2.472856	411.2163	15.02283	2.488692	15.29914	421.7620
#2	.5032018	2.472901	408.2580	15.02699	2.486666	15.21866	418.3526
#3	.5013018	2.474520	404.4218	15.01833	2.489494	15.23147	417.8133

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.17126	411.3520	2.539721	1.243861	411.3930	2.584867	14.61607
Stddev	.10170	1.9851	.001343	.000699	2.2916	.010619	.12674
%RSD	.6703269	.4825674	.0528875	.0562157	.5570328	.4108298	.8671370

#1	15.28087	413.6078	2.539974	1.243107	413.7406	2.596664	14.61368
#2	15.15294	410.5765	2.538269	1.243985	411.2765	2.581867	14.49053
#3	15.07997	409.8718	2.540919	1.244489	409.1619	2.576071	14.74398

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	156.1265	4.943726	4.994970	5.080337	4.858368	4.964855	5.190528
Stddev	.5761	.006734	.019961	.006825	.008052	.025470	.001527
%RSD	.3689936	.1362052	.3996228	.1343455	.1657352	.5130003	.0294168

#1	156.7751	4.942283	5.008507	5.074515	4.858308	4.989652	5.191025
#2	155.6744	4.937831	5.004357	5.078649	4.866449	4.966151	5.191744
#3	155.9298	4.951064	4.972046	5.087848	4.850346	4.938762	5.188814

Sample Name: CCV072 Acquired: 06/10/2019 17:42:16 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCV072 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.018152	5.185160	5.011680
Stddev	.032183	.037413	.058499
%RSD	.6413413	.7215348	1.167248

#1	5.049492	5.225846	5.054086
#2	5.019777	5.177396	5.036012
#3	4.985187	5.152239	4.944942

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2177.944	3033.600	51018.98	8343.005	3432.139
Stddev	16.782	2.456	96.11	47.788	.151
%RSD	.7705390	.0809436	.1883742	.5727877	.0043971

#1	2170.082	3035.919	50934.86	8290.880	3431.977
#2	2197.214	3033.853	51123.73	8353.384	3432.276
#3	2166.537	3031.028	50998.36	8384.750	3432.162

Sample Name: CCB072 Acquired: 06/10/2019 17:46:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCB072 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003080	.0010379	-.001549	-.005405	.0003179	.0077449	.0002253
Stddev	.000577	.0018332	.001264	.002729	.0020879	.0043855	.0002022
%RSD	18.73513	176.6304	81.60925	50.49411	656.7473	56.62419	89.74931

#1	-.002875	-.001005	-.001326	-.008469	-.001940	.0087207	.0004118
#2	-.002634	.002540	-.002909	-.003236	.000715	.0115602	.0000104
#3	-.003732	.001579	-.000411	-.004509	.002179	.0029537	.0002538

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001727	.0000402	.0041448	.0003381	.0003249	.0022356	.0102129
Stddev	.0001093	.0000424	.0137444	.0001700	.0002448	.0013039	.0004192
%RSD	63.30366	105.4178	331.6067	50.26592	75.34750	58.32377	4.104081

#1	.0001173	-.000007	-.003933	.0004121	.0003225	.0021608	.0106276
#2	.0001022	.000052	.020015	.0001437	.0000813	.0035752	.0097894
#3	.0002986	.000075	-.003647	.0004586	.0005708	.0009707	.0102217

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008585	.0154698	-.000390	-.000085	.1334393	-.000137	-.007843
Stddev	.0001929	.0094984	.000413	.000301	.1839826	.002289	.000343
%RSD	22.46926	61.39927	105.7994	353.8663	137.8774	1665.682	4.375029

#1	.0010673	.0112975	.000046	.000019	-.064050	-.000871	-.007831
#2	.0006870	.0263402	-.000775	.000150	.299993	-.001970	-.008192
#3	.0008213	.0087718	-.000441	-.000425	.164375	.002428	-.007506

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.007932	.0017031	.0006108	-.000060	-.009880	.0029640	-.002167
Stddev	.062166	.0006029	.0009696	.000188	.007260	.0015417	.000433
%RSD	783.7464	35.40282	158.7251	311.7349	73.47946	52.01353	19.97983

#1	.010305	.0010875	.0016132	.000151	-.008508	.0011841	-.002053
#2	.043076	.0017291	.0005415	-.000211	-.003404	.0038818	-.001802
#3	-.077177	.0022925	-.000322	-.000120	-.017728	.0038259	-.002646

Sample Name: CCB072 Acquired: 06/10/2019 17:46:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCB072 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0013892	.0050545	.0000489
Stddev	.0006205	.0009694	.0000632
%RSD	44.67113	19.17821	129.3666

#1	.0019652	.0052657	-.000011
#2	.0014702	.0059009	.000043
#3	.0007321	.0039970	.000115

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2499.628	3514.025	56046.42	8697.482	4305.827
Stddev	17.334	7.634	144.55	30.933	6.752
%RSD	.6934484	.2172500	.2579199	.3556551	.1568149

#1	2479.781	3520.756	56006.93	8695.069	4311.957
#2	2507.311	3505.730	56206.61	8667.826	4298.590
#3	2511.792	3515.590	55925.71	8729.550	4306.934

Sample Name: PB120456BS Acquired: 06/10/2019 17:50:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: LCS456 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0205932	.0561005	.0182108	.0776086	.1394641	.4055166
Stddev	.0030825	.0007790	.0006788	.0026064	.0022627	.0030036
%RSD	14.96844	1.388593	3.727533	3.358450	1.622440	.7406761

#1	.0215270	.0565088	.0174888	.0750491	.1369626	.4035772
#2	.0231008	.0565905	.0188361	.0802595	.1400618	.4039962
#3	.0171518	.0552022	.0183076	.0775171	.1413680	.4089763

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4572203	.0113566	.0107961	11.52254	.0231485	.1031717
Stddev	.0004432	.0000459	.0000332	.03428	.0004238	.0001222
%RSD	.0969253	.4041615	.3071638	.2974821	1.830661	.1184433

#1	.4568568	.0113906	.0108234	11.50306	.0228597	.1032821
#2	.4577140	.0113044	.0107592	11.50244	.0236350	.1030404
#3	.4570901	.0113749	.0108058	11.56212	.0229508	.1031926

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0498612	.2360564	.0366502	10.91941	.0893439	.0222656
Stddev	.0004060	.0045913	.0003399	.05349	.0005026	.0005920
%RSD	.8143236	1.944996	.9274349	.4898195	.5625206	2.658703

#1	.0494403	.2316138	.0366264	10.86092	.0898605	.0229085
#2	.0502506	.2357723	.0370013	10.93148	.0888567	.0217430
#3	.0498926	.2407831	.0363228	10.96583	.0893146	.0221454

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.77564	.1167253	.1150756	10.44752	.0226553	F .0174035
Stddev	.08855	.0020887	.0040895	.08541	.0013605	.0014146
%RSD	.8217358	1.789449	3.553765	.8175319	6.005113	8.128393

#1	10.70176	.1191293	.1197895	10.54139	.0238900	.0171446
#2	10.87379	.1153543	.1129612	10.42676	.0211968	.0189296
#3	10.75137	.1156924	.1124761	10.37439	.0228791	.0161361

Sample Name: PB120456BS Acquired: 06/10/2019 17:50:31 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: LCS456 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0221903	.1762219	.2199732	.0117968	.2202211	F .1124204
Stddev	.0003997	.0056054	.0007658	.0013417	.0015216	.0012013
%RSD	1.801470	3.180848	.3481250	11.37329	.6909569	1.068608
#1	.0220526	.1820051	.2192579	.0126965	.2184718	.1110498
#2	.0218777	.1758476	.2207810	.0102547	.2212388	.1129209
#3	.0226408	.1708131	.2198805	.0124392	.2209526	.1132907

Elem	Sr4077
Units	ppm
Avg	.2203081
Stddev	.0002327
%RSD	.1056063
#1	.2202476
#2	.2205651
#3	.2201117

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2504.544	3500.026	56107.97	8729.432	4321.257
Stddev	22.527	12.212	243.23	28.301	13.278
%RSD	.8994371	.3489171	.4335115	.3242030	.3072754
#1	2479.004	3486.767	55912.31	8747.304	4307.372
#2	2521.584	3502.498	56031.30	8744.191	4322.568
#3	2513.044	3510.813	56380.30	8696.802	4333.832

Sample Name: K3119-17 Acquired: 06/10/2019 17:54:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0AQ8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7704570	.0143051	6.289828	-.033341	.0092263	36.47962
Stddev	.0039015	.0022160	.005680	.007272	.0010034	.06956
%RSD	.5063911	15.49096	.0903048	21.80994	10.87500	.1906937

#1	.7695513	.0122160	6.288282	-.041693	.0100182	36.55901
#2	.7670879	.0166292	6.285080	-.028411	.0095628	36.42930
#3	.7747317	.0140702	6.296120	-.029921	.0080980	36.45057

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.063116	.0029214	.0117698	338.5750	.0034078	.0316249
Stddev	.028463	.0001795	.0001263	1.6844	.0002483	.0001851
%RSD	.4694519	6.145508	1.073405	.4975074	7.287020	.5853386

#1	6.094018	.0028626	.0116250	340.4289	.0034835	.0318051
#2	6.057358	.0031230	.0118270	338.1574	.0036094	.0316345
#3	6.037972	.0027788	.0118574	337.1386	.0031304	.0314352

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8463108	129.1862	F 31.10240	12.24122	.0190549	.2201615
Stddev	.0038170	.4332	.14239	.02681	.0006178	.0012408
%RSD	.4510212	.3353017	.4578102	.2189981	3.241932	.5635896

#1	.8489185	129.6746	31.26262	12.27192	.0196971	.2215884
#2	.8419296	129.0352	31.05422	12.22240	.0190028	.2195602
#3	.8480842	128.8486	30.99034	12.22935	.0184649	.2193359

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7874457	.1178183	1.157647	25.04208	4.373233	.0195680
Stddev	.1771529	.0021696	.007916	.05182	.020680	.0012345
%RSD	22.49716	1.841445	.6838070	.2069430	.4728803	6.308544

#1	.9876492	.1172333	1.164662	25.06488	4.380404	.0201118
#2	.6509835	.1202204	1.159214	24.98277	4.349921	.0204372
#3	.7237044	.1160012	1.149065	25.07861	4.389373	.0181550

Sample Name: K3119-17 Acquired: 06/10/2019 17:54:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0AQ8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0681160	24.73418	2.118508	.0003663	.0956691	.0502308
Stddev	.0005144	.05711	.012691	.0009935	.0008915	.0018058
%RSD	.7552397	.2308823	.5990403	271.2192	.9319023	3.595045

#1	.0675747	24.79560	2.103999	.0014618	.0963758	.0483994
#2	.0685985	24.68269	2.127544	-.000476	.0946675	.0502829
#3	.0681749	24.72424	2.123980	.000113	.0959640	.0520099

Elem	Sr4077
Units	ppm
Avg	1.086959
Stddev	.001514
%RSD	.1392817

#1	1.088659
#2	1.086462
#3	1.085756

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2607.840	3616.572	59125.93	9492.645	4023.579
Stddev	7.839	7.298	248.41	30.352	2.707
%RSD	.3006070	.2017877	.4201436	.3197382	.0672867

#1	2599.771	3616.677	58839.08	9485.230	4022.984
#2	2608.322	3609.222	59269.15	9466.688	4021.218
#3	2615.427	3623.817	59269.55	9526.017	4026.534

Sample Name: K3119-18 Acquired: 06/10/2019 17:58:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0AQ9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.651777	.2053586	4.717838	.0109992	.0034656	49.55356
Stddev	.014457	.0032701	.004614	.0054008	.0018265	.14375
%RSD	.8752163	1.592390	.0978074	49.10135	52.70444	.2900929

#1	1.637667	.2016738	4.713938	.0059636	.0054761	49.47962
#2	1.666557	.2064868	4.722932	.0103310	.0030124	49.46182
#3	1.651107	.2079152	4.716645	.0167030	.0019084	49.71923

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.036453	-.024259	.0928290	22.65633	-.075445	.1384641
Stddev	.002722	.000066	.0001082	.03721	.000894	.0004830
%RSD	.0896520	.2714754	.1165191	.1642285	1.185166	.3488077

#1	3.038504	-.024184	.0929263	22.68742	-.076470	.1381609
#2	3.037490	-.024308	.0927125	22.66646	-.075042	.1390210
#3	3.033364	-.024285	.0928483	22.61510	-.074824	.1382103

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.19575	270.9851	F 519.6011	8.792582	.0459089	.4137392
Stddev	.02315	.2024	.9933	.043585	.0008182	.0012658
%RSD	.2067490	.0746805	.1911743	.4957017	1.782250	.3059512

#1	11.18094	270.8675	520.7451	8.831933	.0466886	.4140393
#2	11.18389	270.8690	518.9578	8.800078	.0459811	.4148280
#3	11.22242	271.2188	519.1003	8.745735	.0450570	.4123502

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4764591	-.185370	4.309237	22.55124	6.269759	.0003240
Stddev	.0655957	.019054	.006811	.02220	.014033	.0019463
%RSD	13.76732	10.27895	.1580464	.0984439	.2238143	600.7714

#1	.4280417	-.190694	4.301397	22.53939	6.283931	.0015173
#2	.5511119	-.201197	4.312621	22.53747	6.255870	-.001922
#3	.4502237	-.164221	4.313693	22.57685	6.269477	.001376

Sample Name: K3119-18 Acquired: 06/10/2019 17:58:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0AQ9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2168983	7.914192	2.229511	.0118265	.2724150	.0585366
Stddev	.0002799	.010315	.004908	.0009932	.0014758	.0020811
%RSD	.1290409	.1303411	.2201223	8.398214	.5417420	3.555265
#1	.2171154	7.913651	2.230116	.0109184	.2726544	.0600719
#2	.2165824	7.924767	2.234087	.0128872	.2708341	.0593699
#3	.2169973	7.904158	2.224328	.0116739	.2737564	.0561679

Elem	Sr4077
Units	ppm
Avg	2.428287
Stddev	.002688
%RSD	.1106753
#1	2.425946
#2	2.427692
#3	2.431222

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2814.760	3883.865	62243.26	9898.899	4035.483
Stddev	8.761	5.218	192.57	14.193	4.144
%RSD	.3112653	.1343461	.3093841	.1433769	.1026837
#1	2824.786	3878.472	62461.11	9913.137	4031.375
#2	2810.921	3884.233	62172.95	9898.809	4035.412
#3	2808.573	3888.888	62095.72	9884.752	4039.661

Sample Name: K3119-22 Acquired: 06/10/2019 18:02:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0AR1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1918739	.0156467	.1617635	-.051507	-.002640	101.3314
Stddev	.0053184	.0003872	.0022420	.002191	.001446	.0991
%RSD	2.771839	2.474839	1.385999	4.254412	54.75593	.0977869

#1	.1917137	.0160936	.1601943	-.049241	-.001708	101.4341
#2	.1866375	.0154104	.1607648	-.051665	-.004306	101.2363
#3	.1972707	.0154360	.1643313	-.053615	-.001907	101.3239

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.201734	.0090722	.0119767	47.03394	.0430892	.1400193
Stddev	.010742	.0000976	.0000835	.29906	.0002659	.0006082
%RSD	.4879000	1.075554	.6968491	.6358374	.6170889	.4343668

#1	2.209169	.0090410	.0119426	47.32064	.0428017	.1397089
#2	2.189417	.0089941	.0120719	46.72389	.0433262	.1396290
#3	2.206614	.0091816	.0119158	47.05728	.0431398	.1407201

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5595148	247.7242	8.810101	88.31889	.0896013	-.012131
Stddev	.0032400	.8104	.046013	.43755	.0006712	.000282
%RSD	.5790787	.3271297	.5222712	.4954237	.7490507	2.321029

#1	.5595262	248.1791	8.845483	88.46809	.0900285	-.012212
#2	.5562691	246.7885	8.758085	87.82626	.0899476	-.012363
#3	.5627491	248.2049	8.826736	88.66234	.0888277	-.011817

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2258831	.5253744	.7740364	65.01741	F 11.43745	.0052410
Stddev	.1051065	.0026416	.0025634	.21356	.01359	.0012876
%RSD	46.53138	.5028046	.3311710	.3284650	.1188386	24.56870

#1	.1367795	.5270377	.7715359	65.16234	11.44192	.0058405
#2	.3417987	.5267570	.7766584	64.77216	11.42218	.0061195
#3	.1990710	.5223285	.7739150	65.11772	11.44824	.0037629

Sample Name: K3119-22 Acquired: 06/10/2019 18:02:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0AR1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009704	.9215927	1.981379	-.010562	14.02870	.2426388
Stddev	.0006334	.0036767	.007116	.000273	.01996	.0024968
%RSD	65.27643	.3989475	.3591445	2.583418	.1423056	1.029018
#1	.0016922	.9244011	1.981913	-.010406	14.04476	.2439457
#2	.0005071	.9174312	1.974011	-.010403	14.00635	.2397598
#3	.0007119	.9229457	1.988213	-.010877	14.03500	.2442108

Elem	Sr4077
Units	ppm
Avg	.6124889
Stddev	.0011244
%RSD	.1835854
#1	.6136397
#2	.6113928
#3	.6124341

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2794.250	3908.937	62910.32	9973.269	4121.921
Stddev	6.979	7.164	106.87	53.659	.089
%RSD	.2497480	.1832728	.1698697	.5380292	.0021618
#1	2798.443	3906.750	62797.41	9919.111	4121.933
#2	2786.194	3903.122	62923.69	10026.41	4122.003
#3	2798.112	3916.940	63009.88	9974.28	4121.826

Sample Name: K3120-03 Acquired: 06/10/2019 18:14:39 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0AR4 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8407270	.0083210	1.150149	-.014070	.0376989	19.27199	.4408750
Stddev	.0070438	.0014229	.004685	.003551	.0010231	.06405	.0037690
%RSD	.8378258	17.10002	.4073547	25.23966	2.713926	.3323373	.8548784

#1	.8427389	.0066881	1.151109	-.014545	.0370477	19.19829	.4365234
#2	.8465460	.0092952	1.145058	-.010305	.0371709	19.30359	.4430998
#3	.8328961	.0089798	1.154279	-.017360	.0388782	19.31410	.4430019

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0046919	.0081405	4.441096	.0051737	.0250185	1.570410	57.46778
Stddev	.0000515	.0000429	.048656	.0002944	.0002336	.002417	.26648
%RSD	1.097815	.5271144	1.095594	5.691331	.9335863	.1539122	.4637082

#1	.0047451	.0081858	4.386223	.0048606	.0251905	1.572130	57.16092
#2	.0046423	.0081351	4.458081	.0052155	.0251124	1.567647	57.64098
#3	.0046882	.0081005	4.478983	.0054450	.0247526	1.571455	57.60144

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.41723	2.620917	.0100974	.0606865	.1185682	.1074785	.7971768
Stddev	.15640	.027612	.0001566	.0002359	.1306980	.0020898	.0039049
%RSD	.8492133	1.053520	1.550684	.3887491	110.2303	1.944364	.4898479

#1	18.23665	2.589562	.0102475	.0609312	.0767450	.1053168	.8004517
#2	18.50562	2.641601	.0101095	.0606677	.0139008	.1076306	.7928551
#3	18.50943	2.631588	.0099351	.0604605	.2650589	.1094881	.7982235

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.498108	1.354899	.0015297	.0521095	1.178089	.9564519	.0038377
Stddev	.062829	.004947	.0006715	.0002439	.007019	.0116987	.0003054
%RSD	.9668801	.3651125	43.89679	.4681229	.5957861	1.223136	7.956640

#1	6.443349	1.355739	.0010338	.0518660	1.183696	.9509966	.0039110
#2	6.484274	1.349586	.0012614	.0521086	1.180352	.9698819	.0040997
#3	6.566701	1.359372	.0022938	.0523538	1.170217	.9484773	.0035023

Sample Name: K3120-03 Acquired: 06/10/2019 18:14:39 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0AR4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1636953	.0103222	.1227202
Stddev	.0007476	.0010521	.0001762
%RSD	.4567279	10.19217	.1435709

#1	.1630661	.0110557	.1225470
#2	.1645218	.0107941	.1228993
#3	.1634980	.0091168	.1227142

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2836.778	3959.513	63948.26	9952.563	4247.494
Stddev	15.706	3.078	368.75	12.934	4.149
%RSD	.5536681	.0777457	.5766426	.1299562	.0976837

#1	2818.665	3956.283	63704.30	9937.641	4248.029
#2	2845.037	3962.413	64372.46	9960.557	4251.350
#3	2846.632	3959.843	63768.01	9959.491	4243.103

Sample Name: K3122-08LX5 Acquired: 06/10/2019 18:18:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0AT9L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5616050	.0029764	10.03195	-.012245	.0141782	10.73791
Stddev	.0025527	.0009259	.01959	.002755	.0013135	.02224
%RSD	.4545311	31.10954	.1952840	22.50097	9.264277	.2071108

#1	.5602960	.0034587	10.01472	-.015378	.0130884	10.73839
#2	.5599722	.0019088	10.02785	-.011156	.0138095	10.71544
#3	.5645466	.0035616	10.05326	-.010200	.0156366	10.75991

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2486541	.0009046	.0161343	2.629978	-.003119	.0087731
Stddev	.0002310	.0000503	.0000746	.009498	.000786	.0000608
%RSD	.0929080	5.564577	.4625201	.3611465	25.18910	.6932975

#1	.2486962	.0008619	.0162073	2.629426	-.003908	.0088431
#2	.2484049	.0008918	.0160582	2.620768	-.003112	.0087336
#3	.2488612	.0009601	.0161372	2.639740	-.002337	.0087426

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9256446	34.06470	F 62.52171	2.101313	.0076017	.0696927
Stddev	.0020446	.04938	.51723	.025060	.0001881	.0004553
%RSD	.2208873	.1449566	.8272802	1.192570	2.474823	.6532859

#1	.9273271	34.11899	62.88300	2.102975	.0077570	.0696916
#2	.9233690	34.02247	61.92920	2.075463	.0076556	.0701486
#3	.9262376	34.05262	62.75292	2.125500	.0073925	.0692380

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2386927	.2207897	1.838295	4.227512	1.023964	-.006729
Stddev	.0762003	.0021501	.007070	.090045	.002331	.001122
%RSD	31.92402	.9738066	.3845935	2.129976	.2276005	16.66947

#1	.3150972	.2230150	1.831780	4.126579	1.021987	-.007957
#2	.1626982	.2206305	1.837291	4.256356	1.023370	-.005759
#3	.2382827	.2187237	1.845813	4.299601	1.026534	-.006470

Sample Name: K3122-08LX5 Acquired: 06/10/2019 18:18:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0AT9L Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7033316	.5388511	.4857460	.0040787	.1421557	.0145416
Stddev	.0006652	.0060744	.0004285	.0014004	.0011264	.0012770
%RSD	.0945838	1.127292	.0882242	34.33533	.7923702	8.781322
#1	.7029740	.5340095	.4859547	.0037627	.1432252	.0151991
#2	.7029215	.5456671	.4860301	.0056101	.1409799	.0130699
#3	.7040991	.5368766	.4852530	.0028632	.1422618	.0153559

Elem	Sr4077
Units	ppm
Avg	.3126114
Stddev	.0004633
%RSD	.1481883
#1	.3127164
#2	.3121047
#3	.3130132

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2703.308	3774.747	60406.92	9390.506	4274.878
Stddev	15.981	1.914	335.89	56.235	6.770
%RSD	.5911599	.0507180	.5560515	.5988460	.1583716
#1	2685.415	3775.282	60024.07	9334.680	4281.410
#2	2716.161	3772.622	60652.12	9447.140	4275.331
#3	2708.348	3776.337	60544.58	9389.697	4267.893

Sample Name: K3120-05 Acquired: 06/10/2019 18:26:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0AR6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.326513	.0141750	1.409189	-.047897	.0215470	75.02485	1.204894
Stddev	.012725	.0031206	.002010	.002631	.0010368	.15102	.003054
%RSD	.5469617	22.01462	.1426575	5.493457	4.811885	.2012928	.2534809

#1	2.322476	.0177391	1.406936	-.047372	.0204176	75.18927	1.208416
#2	2.316296	.0128520	1.410801	-.050751	.0224558	74.89232	1.203282
#3	2.340767	.0119338	1.409830	-.045567	.0217676	74.99296	1.202983

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0113508	.0227229	15.69168	.0488922	.0967106	3.319412	246.2994
Stddev	.0001235	.0001085	.06814	.0002031	.0004996	.003859	.8695
%RSD	1.088120	.4775392	.4342129	.4154146	.5165782	.1162447	.3530137

#1	.0114776	.0227135	15.74902	.0487268	.0961370	3.323125	247.2930
#2	.0112309	.0228358	15.61635	.0488307	.0969439	3.319688	245.6779
#3	.0113441	.0226194	15.70966	.0491189	.0970508	3.315422	245.9273

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.73326	26.16488	.0554896	.0103829	.0900626	.4291762	2.066674
Stddev	.03376	.06578	.0003602	.0002113	.2138966	.0042160	.021891
%RSD	.2457913	.2514146	.6490371	2.035231	237.4978	.9823565	1.059214

#1	13.76906	26.23575	.0558989	.0105607	.2986753	.4257713	2.077556
#2	13.70202	26.15310	.0552213	.0101493	.1002652	.4338920	2.080991
#3	13.72871	26.10577	.0553486	.0104387	-.128753	.4278653	2.041475

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.78378	7.743134	.0257047	.0269032	4.901580	1.792757	.0095607
Stddev	.05046	.009631	.0038444	.0002574	.012721	.007328	.0008938
%RSD	.1957008	.1243766	14.95600	.9568936	.2595380	.4087562	9.349197

#1	25.83729	7.753715	.0213030	.0269352	4.916172	1.797086	.0087679
#2	25.77699	7.734881	.0284037	.0266313	4.892822	1.784296	.0093846
#3	25.73706	7.740806	.0274073	.0271431	4.895746	1.796889	.0105294

Sample Name: K3120-05 Acquired: 06/10/2019 18:26:50 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0AR6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.875615	.0915539	.3454355
Stddev	.005881	.0017315	.0006828
%RSD	.2045260	1.891210	.1976655

#1	2.882221	.0926652	.3462154
#2	2.873677	.0924376	.3449453
#3	2.870948	.0895589	.3451459

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2870.835	3998.389	64856.34	10227.25	4081.800
Stddev	20.246	3.481	405.00	75.84	5.818
%RSD	.7052423	.0870561	.6244625	.7415216	.1425421

#1	2850.280	3999.713	64399.42	10146.49	4086.473
#2	2871.468	4001.013	64998.50	10296.95	4075.283
#3	2890.758	3994.440	65171.10	10238.31	4083.643

Sample Name: K3120-04 Acquired: 06/10/2019 18:22:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0AR5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2750141	.0009761	.4280518	-.012621	.0024598	18.75306	.1005047
Stddev	.0029338	.0010538	.0033839	.001971	.0015341	.07671	.0009667
%RSD	1.066788	107.9653	.7905283	15.61382	62.36673	.4090421	.9618398

#1	.2766284	.0009137	.4286935	-.011979	.0042290	18.70228	.1000769
#2	.2767862	.0020597	.4243930	-.011052	.0016500	18.71561	.0998257
#3	.2716276	-.000045	.4310689	-.014833	.0015003	18.84130	.1016115

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0055388	.0087498	9.433774	-.004086	.0331224	1.857364	46.68985
Stddev	.0000515	.0001426	.079608	.000453	.0001193	.004589	.27081
%RSD	.9291938	1.629485	.8438599	11.08667	.3600310	.2470552	.5800156

#1	.0055626	.0089119	9.397524	-.004500	.0332171	1.852984	46.75792
#2	.0054797	.0086440	9.378742	-.004156	.0331616	1.862136	46.39150
#3	.0055739	.0086934	9.525055	-.003602	.0329885	1.856972	46.92013

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.680013	2.745030	.0160247	-.004008	.2387673	.0467945	1.240613
Stddev	.026749	.036513	.0004074	.000141	.0942495	.0012074	.009781
%RSD	.7268799	1.330146	2.542004	3.509745	39.47337	2.580152	.7884269

#1	3.684198	2.760947	.0164492	-.004169	.2403083	.0461766	1.230979
#2	3.651417	2.703261	.0156370	-.003909	.3322369	.0460211	1.250536
#3	3.704422	2.770883	.0159880	-.003946	.1437568	.0481858	1.240323

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7030632	1.016282	-.005139	.0070116	.0980964	.8405964	-.000701
Stddev	.0250842	.006530	.000819	.0001956	.0042205	.0117869	.000923
%RSD	3.567838	.6425277	15.93745	2.789180	4.302422	1.402205	131.6469

#1	.7038988	1.021601	-.004319	.0071641	.0963875	.8461479	-.001706
#2	.7277192	1.008994	-.005957	.0067911	.0949984	.8270589	-.000508
#3	.6775717	1.018251	-.005141	.0070795	.1029034	.8485826	.000110

Sample Name: K3120-04 Acquired: 06/10/2019 18:22:48 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0AR5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0183560	.0025740	.0757387
Stddev	.0009307	.0005658	.0000824
%RSD	5.070402	21.98109	.1088081

#1	.0192613	.0022767	.0757355
#2	.0184049	.0032265	.0756580
#3	.0174018	.0022189	.0758227

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3140.323	4386.945	70847.71	11090.89	4268.444
Stddev	23.876	6.534	319.82	105.94	5.760
%RSD	.7602968	.1489469	.4514133	.9552027	.1349415

#1	3161.959	4394.489	71214.73	11059.69	4274.697
#2	3114.707	4383.244	70628.81	11208.92	4267.279
#3	3144.302	4383.101	70699.59	11004.05	4263.355

Sample Name: K3120-06 Acquired: 06/10/2019 18:30:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0AR7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.163625	.0139042	7.446421	-.047601	.0808662	25.57585
Stddev	.005802	.0031311	.021676	.003722	.0008234	.06213
%RSD	.0941380	22.51933	.2910901	7.818788	1.018203	.2429185

#1	6.158973	.0102887	7.449802	-.043654	.0806773	25.53570
#2	6.161775	.0157013	7.423254	-.051047	.0801537	25.64742
#3	6.170127	.0157226	7.466208	-.048103	.0817676	25.54444

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.117688	.0057071	.0409373	12.65224	-.001132	.1577417
Stddev	.021558	.0000386	.0001919	.07042	.000431	.0010435
%RSD	.5235471	.6763773	.4687542	.5566048	38.07440	.6615277

#1	4.103700	.0057398	.0409943	12.60753	-.000695	.1585028
#2	4.142515	.0056645	.0407233	12.73341	-.001557	.1565522
#3	4.106850	.0057171	.0410941	12.61577	-.001144	.1581701

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.884356	279.5829	F 60.58774	8.258852	.0407327	.1075394
Stddev	.012019	1.2159	.22984	.028777	.0006907	.0005471
%RSD	.2460733	.4348816	.3793434	.3484370	1.695810	.5087055

#1	4.897634	278.7915	60.32882	8.241454	.0415119	.1072645
#2	4.881215	280.9829	60.66679	8.243035	.0401957	.1081695
#3	4.874220	278.9744	60.76763	8.292069	.0404903	.1071844

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.332329	.9837931	5.381681	13.84031	8.245242	.0420186
Stddev	.109026	.0063845	.008890	.02889	.018977	.0014905
%RSD	32.80647	.6489682	.1651824	.2087599	.2301620	3.547236

#1	-.299654	.9766491	5.379943	13.81844	8.230187	.0422354
#2	-.453956	.9889414	5.373789	13.82942	8.238978	.0433888
#3	-.243378	.9857889	5.391311	13.87306	8.266559	.0404316

Sample Name: K3120-06 Acquired: 06/10/2019 18:30:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0AR7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1072969	2.241751	1.539342	.0287986	.5976486	.0216124
Stddev	.0004628	.010185	.002244	.0017757	.0035304	.0009920
%RSD	.4312954	.4543295	.1457662	6.166000	.5907119	4.589781

#1	.1067840	2.233124	1.538183	.0294788	.5946124	.0227437
#2	.1074236	2.239143	1.537915	.0301337	.6015225	.0212021
#3	.1076832	2.252986	1.541928	.0267833	.5968109	.0208914

Elem	Sr4077
Units	ppm
Avg	.6379060
Stddev	.0000846
%RSD	.0132577

#1	.6379531
#2	.6379565
#3	.6378084

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2739.873	3803.827	62052.17	9729.581	4120.305
Stddev	9.697	5.598	174.94	25.295	6.416
%RSD	.3539041	.1471774	.2819173	.2599781	.1557189

#1	2728.809	3797.781	61978.89	9729.118	4112.898
#2	2743.912	3804.868	61925.79	9704.520	4124.166
#3	2746.896	3808.832	62251.83	9755.103	4123.849

Sample Name: K3120-07 Acquired: 06/10/2019 18:34:51 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0AR8 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1947628	.0241253	.3835789	-.073921	-.000140	117.1079
Stddev	.0026869	.0037520	.0007548	.002979	.001471	.0502
%RSD	1.379576	15.55225	.1967818	4.029888	1049.024	.0428902

#1	.1947966	.0201073	.3829661	-.074664	.000612	117.1513
#2	.1974326	.0247309	.3844220	-.070641	.000802	117.1195
#3	.1920591	.0275377	.3833484	-.076458	-.001835	117.0528

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.155682	.0197698	.0290620	58.84130	.0618924	.1724562
Stddev	.001814	.0001498	.0003123	.02212	.0006175	.0006535
%RSD	.0574822	.7576736	1.074513	.0375980	.9976579	.3789119

#1	3.156167	.0199075	.0287437	58.86447	.0618391	.1731153
#2	3.157204	.0197918	.0290743	58.83902	.0625348	.1724445
#3	3.153675	.0196103	.0293679	58.82040	.0613033	.1718086

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.213686	346.8012	F 59.26932	76.65500	.1198704	.0085067
Stddev	.004131	.2021	.11113	.04763	.0002601	.0002751
%RSD	.1865947	.0582835	.1874991	.0621394	.2170129	3.234084

#1	2.215671	347.0157	59.39060	76.62191	.1195726	.0087523
#2	2.216449	346.7737	59.24498	76.70959	.1200530	.0085583
#3	2.208938	346.6143	59.17237	76.63349	.1199857	.0082094

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2287689	.8051466	3.801933	59.29744	F 14.77976	.0118873
Stddev	.3522235	.0035029	.008883	.10311	.05755	.0036994
%RSD	153.9648	.4350681	.2336433	.1738813	.3893875	31.12062

#1	.4473401	.8022475	3.803703	59.40760	14.71776	.0086037
#2	.4165209	.8041536	3.792298	59.28145	14.79003	.0158954
#3	-.177554	.8090389	3.809798	59.20326	14.83148	.0111629

Sample Name: K3120-07 Acquired: 06/10/2019 18:34:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0AR8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0615906	.6576358	1.728690	-.013677	13.62005	.3710754
Stddev	.0002714	.0022073	.005065	.001904	.01406	.0017107
%RSD	.4406229	.3356395	.2929768	13.92019	.1032336	.4610108
#1	.0612779	.6601716	1.733287	-.013452	13.63622	.3714044
#2	.0617655	.6565907	1.723261	-.011895	13.61322	.3692241
#3	.0617283	.6561452	1.729522	-.015683	13.61071	.3725978

Elem	Sr4077
Units	ppm
Avg	.9448185
Stddev	.0005917
%RSD	.0626274
#1	.9454022
#2	.9448344
#3	.9442190

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3047.845	4241.607	69127.29	10990.77	3866.654
Stddev	4.763	3.885	371.41	27.99	4.922
%RSD	.1562873	.0915910	.5372828	.2546772	.1272849
#1	3045.802	4237.133	69237.87	10960.35	3863.774
#2	3044.443	4244.133	68713.15	10996.53	3872.336
#3	3053.289	4243.553	69430.85	11015.44	3863.850

Sample Name: K3120-09 Acquired: 06/10/2019 18:43:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0AS0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7960847	.0036383	2.058543	-.016387	.0094604	34.68519	.3286137
Stddev	.0045740	.0007736	.006600	.003401	.0009320	.05035	.0004685
%RSD	.5745579	21.26230	.3206310	20.75288	9.851713	.1451688	.1425827

#1	.7910509	.0028756	2.064317	-.018829	.0088766	34.62706	.3291529
#2	.7972174	.0044224	2.051348	-.012503	.0105353	34.71534	.3283830
#3	.7999860	.0036170	2.059965	-.017830	.0089694	34.71317	.3283054

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071526	.0135319	12.29069	.0100312	.0114943	1.810814	58.28724
Stddev	.0000937	.0001944	.02888	.0002503	.0001782	.002838	.11795
%RSD	1.310438	1.436665	.2349553	2.495746	1.550113	.1567202	.2023649

#1	.0071765	.0136200	12.29322	.0103173	.0112886	1.812650	58.31291
#2	.0070492	.0133090	12.26062	.0098523	.0115945	1.807545	58.15856
#3	.0072321	.0136666	12.31821	.0099241	.0115999	1.812247	58.39024

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.501172	5.215569	.0124080	.0157872	.2810569	.1236320	2.021300
Stddev	.015248	.002850	.0003097	.0001561	.0949438	.0012628	.009443
%RSD	.1793588	.0546466	2.495961	.9886588	33.78099	1.021420	.4671594

#1	8.493816	5.212386	.0121977	.0159436	.3251489	.1233601	2.010399
#2	8.490997	5.216436	.0122626	.0157865	.1720842	.1250086	2.026936
#3	8.518703	5.217885	.0127636	.0156314	.3459376	.1225272	2.026565

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.283341	2.140458	-.002225	.0258745	.8952078	1.311581	.0096616
Stddev	.043661	.001675	.000871	.0003828	.0015395	.011121	.0007068
%RSD	1.329759	.0782675	39.13410	1.479473	.1719671	.8479415	7.315829

#1	3.265859	2.139819	-.001350	.0254471	.8961678	1.307407	.0099065
#2	3.333034	2.142358	-.003091	.0261859	.8960234	1.303151	.0102134
#3	3.251131	2.139196	-.002232	.0259903	.8934321	1.324186	.0088649

Sample Name: K3120-09 Acquired: 06/10/2019 18:43:07 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0AS0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1167562	.0099048	.1383531
Stddev	.0012734	.0004764	.0000617
%RSD	1.090662	4.809900	.0446192

#1	.1152920	.0099314	.1383323
#2	.1176049	.0103674	.1383045
#3	.1173719	.0094157	.1384226

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3103.330	4371.385	69534.76	11101.67	4270.607
Stddev	5.652	10.009	220.20	43.11	2.868
%RSD	.1821406	.2289678	.3166785	.3883528	.0671506

#1	3096.811	4382.128	69317.59	11071.94	4268.823
#2	3106.878	4362.323	69757.88	11151.11	4273.915
#3	3106.300	4369.704	69528.81	11081.95	4269.083

Sample Name: K3120-08 Acquired: 06/10/2019 18:38:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0AR9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.590315	.0330576	4.093352	-.027197	.0290684	18.60311
Stddev	.004206	.0016083	.008752	.001734	.0006706	.05057
%RSD	.2644496	4.865037	.2138016	6.374574	2.306824	.2718559

#1	1.593170	.0340287	4.084963	-.025914	.0288820	18.61783
#2	1.585486	.0312012	4.092667	-.029169	.0298125	18.54681
#3	1.592290	.0339430	4.102426	-.026509	.0285108	18.64469

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.064042	.0144234	.0261596	4.930334	-.017099	.0336525
Stddev	.002622	.0000311	.0000568	.047202	.000161	.0003311
%RSD	.2464275	.2158155	.2169590	.9573819	.9393288	.9838521

#1	1.067069	.0143899	.0261429	4.916592	-.017211	.0339286
#2	1.062481	.0144514	.0261131	4.891528	-.016915	.0332854
#3	1.062575	.0144290	.0262229	4.982883	-.017172	.0337435

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.659458	155.6047	F 102.7581	3.617515	.0123990	.1171151
Stddev	.003577	.2987	.4394	.024739	.0002751	.0009818
%RSD	.2155287	.1919875	.4275896	.6838809	2.218942	.8382887

#1	1.659101	155.8703	102.5498	3.589005	.0120813	.1182458
#2	1.656073	155.2813	102.4615	3.630210	.0125554	.1164792
#3	1.663200	155.6625	103.2628	3.633330	.0125602	.1166202

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1487492	.3025929	2.389760	10.21472	2.735841	.0065721
Stddev	.1850638	.0019195	.003212	.04939	.005781	.0020932
%RSD	124.4134	.6343660	.1343890	.4835196	.2113096	31.84996

#1	.2229423	.3004463	2.392917	10.17764	2.740660	.0042015
#2	-.061899	.3031880	2.386496	10.27079	2.737433	.0073490
#3	.285204	.3041445	2.389867	10.19574	2.729431	.0081658

Sample Name: K3120-08 Acquired: 06/10/2019 18:38:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0AR9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1941033	.8636553	1.153102	.0084227	.2264242	.0113815
Stddev	.0007250	.0077260	.004785	.0017432	.0010830	.0004333
%RSD	.3734952	.8945726	.4149599	20.69672	.4782928	3.806969
#1	.1946654	.8554374	1.157772	.0099785	.2267094	.0118037
#2	.1932850	.8707711	1.153323	.0087507	.2252271	.0114030
#3	.1943594	.8647575	1.148210	.0065387	.2273360	.0109379

Elem	Sr4077
Units	ppm
Avg	1.046966
Stddev	.001602
%RSD	.1530389
#1	1.045376
#2	1.046944
#3	1.048580

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3217.901	4491.719	72238.69	11335.95	4167.412
Stddev	4.181	11.752	320.13	39.73	7.192
%RSD	.1299252	.2616341	.4431576	.3505147	.1725849
#1	3221.273	4483.527	71869.25	11290.48	4163.960
#2	3219.206	4505.184	72434.39	11363.94	4175.680
#3	3213.223	4486.447	72412.41	11353.45	4162.596

Sample Name: K3120-11 Acquired: 06/10/2019 18:51:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0AS2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.125145	.0617702	16.37578	-.059462	.0263582	67.33701
Stddev	.009083	.0024915	.04353	.004071	.0003896	.05784
%RSD	.2201760	4.033531	.2658347	6.845852	1.478013	.0859015

#1	4.121645	.0619331	16.35410	-.063362	.0265564	67.38661
#2	4.135457	.0592012	16.34735	-.055240	.0266088	67.27347
#3	4.118333	.0641762	16.42590	-.059785	.0259094	67.35095

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9744175	-.000900	.0964488	22.90249	-.036192	.1109899
Stddev	.0015666	.000134	.0001892	.07395	.001186	.0003800
%RSD	.1607746	14.86184	.1962079	.3229122	3.275774	.3423569

#1	.9755455	-.000752	.0962304	22.97714	-.034824	.1107782
#2	.9750782	-.001011	.0965658	22.82925	-.036831	.1107629
#3	.9726287	-.000938	.0965501	22.90107	-.036920	.1114286

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.486534	345.3771	F 224.8413	28.04106	.0559586	.6253184
Stddev	.003491	.5023	.6320	.04726	.0003008	.0013916
%RSD	.1403919	.1454249	.2810747	.1685473	.5375189	.2225462

#1	2.482555	345.9369	224.1157	28.00848	.0560181	.6268852
#2	2.489081	344.9660	225.2715	28.09526	.0562252	.6242260
#3	2.487967	345.2284	225.1366	28.01943	.0556325	.6248439

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.189658	.2492890	16.77217	19.85471	8.399518	.0147677
Stddev	.026899	.0014515	.14211	.02188	.023643	.0044553
%RSD	14.18311	.5822733	.8472705	.1101890	.2814782	30.16936

#1	-.213059	.2488009	16.64647	19.82976	8.376230	.0104607
#2	-.195645	.2509217	16.92636	19.87063	8.398825	.0193578
#3	-.160269	.2481444	16.74367	19.86373	8.423500	.0144846

Sample Name: K3120-11 Acquired: 06/10/2019 18:51:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0AS2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0493973	2.439604	1.623215	.0170292	1.434806	.0492874
Stddev	.0007224	.010598	.014572	.0002740	.001628	.0004821
%RSD	1.462339	.4343986	.8977264	1.608900	.1134375	.9782528

#1	.0485826	2.437081	1.635081	.0171497	1.432927	.0494315
#2	.0496501	2.430496	1.606950	.0167156	1.435741	.0487496
#3	.0499594	2.451235	1.627613	.0172222	1.435751	.0496810

Elem	Sr4077
Units	ppm
Avg	1.491834
Stddev	.002333
%RSD	.1563626

#1	1.494217
#2	1.489555
#3	1.491729

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2842.980	3955.649	63618.49	10168.37	3982.693
Stddev	18.835	5.764	144.44	48.01	3.651
%RSD	.6625069	.1457194	.2270331	.4721517	.0916817

#1	2853.200	3950.264	63461.28	10122.57	3978.694
#2	2821.245	3954.953	63648.88	10218.32	3983.536
#3	2854.497	3961.729	63745.31	10164.23	3985.849

Sample Name: K3120-10 Acquired: 06/10/2019 18:47:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0AS1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.010025	.0961549	23.73038	-.070261	.0072856	57.45881
Stddev	.012980	.0048480	.00624	.004061	.0035319	.25797
%RSD	.4312201	5.041891	.0262862	5.779362	48.47862	.4489643

#1	3.014945	.0981082	23.73671	-.070456	.0052414	57.22458
#2	2.995305	.0997216	23.72424	-.066107	.0052514	57.73530
#3	3.019826	.0906349	23.73021	-.074221	.0113639	57.41655

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.733960	-.007593	.1753639	24.67663	-.055548	.1292977
Stddev	.006520	.000147	.0004163	.16206	.000692	.0002252
%RSD	.3760087	1.929588	.2374109	.6567324	1.245684	.1741748

#1	1.727146	-.007502	.1757654	24.49196	-.055554	.1292448
#2	1.740139	-.007515	.1749342	24.79515	-.054853	.1291037
#3	1.734595	-.007762	.1753920	24.74279	-.056237	.1295447

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.323763	452.4929	F 337.2118	25.14096	.0610820	1.224684
Stddev	.005942	2.0585	1.0577	.09822	.0003250	.005864
%RSD	.4488561	.4549352	.3136745	.3906952	.5321347	.4787917

#1	1.318489	450.7791	336.2147	25.02762	.0613689	1.227380
#2	1.330200	454.7763	337.0995	25.20129	.0611479	1.228715
#3	1.322599	451.9233	338.3213	25.19397	.0607290	1.217957

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3129564	.4381082	F 33.97459	27.97765	F 10.41995	.0189991
Stddev	.1518443	.0014475	.11301	.03124	.01926	.0066231
%RSD	48.51931	.3304010	.3326412	.1116530	.1848665	34.86030

#1	.1963370	.4395321	34.06086	27.94780	10.43306	.0210642
#2	.2578790	.4366382	33.84666	28.01011	10.39783	.0115894
#3	.4846531	.4381543	34.01626	27.97504	10.42895	.0243436

Sample Name: K3120-10 Acquired: 06/10/2019 18:47:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0AS1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0607228	5.860115	1.844033	.0145483	1.422122	.0602736
Stddev	.0004933	.017867	.028557	.0008697	.003540	.0012619
%RSD	.8124082	.3048938	1.548626	5.977874	.2489486	2.093569
#1	.0603165	5.840210	1.831684	.0136867	1.418056	.0615239
#2	.0612717	5.874765	1.876686	.0154258	1.424521	.0590005
#3	.0605800	5.865371	1.823728	.0145325	1.423789	.0602963

Elem	Sr4077
Units	ppm
Avg	3.840450
Stddev	.029924
%RSD	.7791699
#1	3.847875
#2	3.865962
#3	3.807513

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2812.670	3924.134	62822.65	10123.93	3912.187
Stddev	8.278	9.853	159.48	52.71	6.930
%RSD	.2943124	.2510802	.2538555	.5206395	.1771363
#1	2803.422	3913.501	62664.30	10153.16	3906.394
#2	2819.387	3932.955	62983.23	10063.09	3919.864
#3	2815.201	3925.945	62820.43	10155.56	3910.303

Sample Name: K3120-15 Acquired: 06/10/2019 19:07:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0AS6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.382980	.0216927	3.847019	-.051695	.0148405	52.76922
Stddev	.006264	.0000648	.015746	.001016	.0011374	.18769
%RSD	.4529345	.2985141	.4093149	1.966123	7.663977	.3556748

#1	1.379951	.0216459	3.843370	-.051110	.0136654	52.60373
#2	1.378806	.0217666	3.833417	-.051106	.0159360	52.97315
#3	1.390183	.0216657	3.864270	-.052869	.0149201	52.73076

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9616800	.0049390	.0133725	12.79891	.0097129	.0954655
Stddev	.0043919	.0000393	.0001786	.04588	.0006152	.0002541
%RSD	.4566865	.7961369	1.335808	.3584825	6.333446	.2661157

#1	.9578918	.0049512	.0135760	12.74662	.0103834	.0956784
#2	.9664940	.0049708	.0132416	12.81771	.0091747	.0951843
#3	.9606542	.0048950	.0132998	12.83241	.0095806	.0955338

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.808768	270.0537	F 69.64626	21.94590	.0414775	.0475652
Stddev	.004006	1.5201	.56520	.02865	.0005193	.0005673
%RSD	.2214490	.5628697	.8115291	.1305703	1.252083	1.192787

#1	1.808012	268.9650	69.06282	21.91544	.0408962	.0476409
#2	1.813098	271.7903	70.19126	21.97232	.0416405	.0480909
#3	1.805195	269.4057	69.68471	21.94994	.0418957	.0469638

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.265691	.3063461	6.115289	18.49716	8.663242	.0173083
Stddev	.102280	.0015088	.025335	.09914	.002350	.0037689
%RSD	38.49560	.4925218	.4142849	.5359572	.0271263	21.77527

#1	-.170599	.3068422	6.090788	18.38823	8.664198	.0133039
#2	-.252582	.3075444	6.141382	18.52115	8.660564	.0207864
#3	-.373894	.3046517	6.113698	18.58210	8.664963	.0178346

Sample Name: K3120-15 Acquired: 06/10/2019 19:07:38 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0AS6 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0419709	32.80889	1.453379	.0046960	3.562465	.0769692
Stddev	.0004441	.05539	.003965	.0008174	.013089	.0004985
%RSD	1.058237	.1688239	.2728086	17.40722	.3674086	.6476389
#1	.0415119	32.74502	1.450108	.0041053	3.549057	.0764141
#2	.0423985	32.83802	1.457789	.0056290	3.575209	.0773787
#3	.0420025	32.84364	1.452240	.0043538	3.563130	.0771148

Elem	Sr4077
Units	ppm
Avg	.1576855
Stddev	.0010415
%RSD	.6604977
#1	.1574330
#2	.1588301
#3	.1567935

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2655.337	3730.970	59716.33	9497.858	4102.403
Stddev	1.557	4.249	195.70	27.070	9.567
%RSD	.0586188	.1138953	.3277185	.2850083	.2332045
#1	2654.577	3728.369	59545.45	9516.554	4094.753
#2	2654.306	3735.874	59673.70	9466.816	4113.130
#3	2657.127	3728.668	59929.83	9510.204	4099.327

Sample Name: K3120-14 Acquired: 06/10/2019 19:03:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0AS5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.735441	.0186857	4.758708	-.053409	.0308659	80.73676
Stddev	.004961	.0018809	.010831	.002709	.0017274	.12404
%RSD	.2858911	10.06598	.2276127	5.071713	5.596378	.1536407

#1	1.739743	.0203543	4.753598	-.056393	.0328585	80.60761
#2	1.736567	.0190555	4.751377	-.051105	.0297921	80.85498
#3	1.730013	.0166474	4.771149	-.052729	.0299472	80.74768

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.444122	.0056687	.0487933	21.63720	.0298723	.1156324
Stddev	.004398	.0000694	.0001430	.14697	.0005576	.0005600
%RSD	.3045128	1.225146	.2931565	.6792639	1.866757	.4843226

#1	1.439924	.0057487	.0487093	21.51374	.0304637	.1155911
#2	1.448695	.0056343	.0489584	21.79977	.0293561	.1150941
#3	1.443746	.0056233	.0487121	21.59809	.0297972	.1162119

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.210513	243.8091	F 55.86754	48.22200	.0682501	.2026900
Stddev	.006321	.5754	.39087	.27390	.0008641	.0012807
%RSD	.1968835	.2359960	.6996452	.5679944	1.266135	.6318312

#1	3.212650	243.1519	55.56825	47.94398	.0690830	.2034164
#2	3.215488	244.2219	55.72460	48.23041	.0673578	.2034423
#3	3.203400	244.0536	56.30976	48.49159	.0683097	.2012113

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2510084	.5687331	11.65278	24.55620	8.476089	.0062153
Stddev	.0637068	.0020629	.10476	.04555	.023047	.0030234
%RSD	25.38033	.3627250	.8989707	.1854895	.2719037	48.64450

#1	.2422047	.5680106	11.70800	24.51859	8.459031	.0096916
#2	.1921613	.5671287	11.71838	24.54316	8.502308	.0041989
#3	.3186591	.5710601	11.53197	24.60684	8.466929	.0047554

Sample Name: K3120-14 Acquired: 06/10/2019 19:03:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0AS5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0369152	1.197790	1.314859	.0057355	6.432152	.1162701
Stddev	.0002979	.005140	.009180	.0019954	.020420	.0011863
%RSD	.8068761	.4291303	.6981746	34.79074	.3174622	1.020304

#1	.0371056	1.203711	1.307279	.0034327	6.415473	.1157949
#2	.0370682	1.195183	1.312233	.0068192	6.454925	.1176203
#3	.0365720	1.194476	1.325066	.0069546	6.426057	.1153950

Elem	Sr4077
Units	ppm
Avg	.4843694
Stddev	.0004897
%RSD	.1011052

#1	.4844074
#2	.4838618
#3	.4848390

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2721.762	3798.331	60993.87	9736.067	4076.304
Stddev	15.634	8.156	211.96	56.750	5.647
%RSD	.5743934	.2147345	.3475044	.5828868	.1385376

#1	2710.572	3791.924	60870.63	9790.372	4074.909
#2	2715.089	3807.512	60872.37	9740.675	4082.518
#3	2739.625	3795.556	61238.62	9677.153	4071.485

Sample Name: K3120-17 Acquired: 06/10/2019 19:15:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0AS8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5686881	.0021991	1.605129	-.017709	.0266678	10.94103	.0377346
Stddev	.0023949	.0008724	.003766	.001342	.0002253	.03583	.0003693
%RSD	.4211259	39.66871	.2346244	7.576532	.8447103	.3274742	.9786466

#1	.5675834	.0011931	1.607621	-.018643	.0265570	10.96955	.0381522
#2	.5670449	.0026578	1.606969	-.018313	.0265194	10.95272	.0374513
#3	.5714360	.0027464	1.600797	-.016172	.0269270	10.90081	.0376001

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0118619	.0086300	1.918919	-.003940	.0070062	.8485595	75.37449
Stddev	.0001971	.0000138	.030463	.000193	.0002360	.0030738	.19243
%RSD	1.661477	.1594198	1.587534	4.889542	3.369085	.3622374	.2553040

#1	.0120789	.0086367	1.927830	-.004060	.0068110	.8518785	75.59652
#2	.0118129	.0086141	1.943934	-.004042	.0072686	.8479891	75.27096
#3	.0116939	.0086391	1.884994	-.003718	.0069391	.8458108	75.25598

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.424117	1.196455	.0011367	.0323440	.0869754	.0164887	1.188292
Stddev	.007260	.022697	.0006152	.0003670	.1498101	.0009743	.009490
%RSD	.5097967	1.896994	54.11956	1.134608	172.2442	5.909144	.7986551

#1	1.431297	1.199936	.0014006	.0324755	.0570288	.0162477	1.179155
#2	1.424274	1.217210	.0004336	.0326270	.2494969	.0156575	1.187623
#3	1.416779	1.172219	.0015759	.0319293	-.045599	.0175609	1.198100

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.250706	1.121880	-.001113	.0391023	.3203429	1.189221	.0020695
Stddev	.055892	.005068	.001420	.0002953	.0095952	.007826	.0007927
%RSD	.8941653	.4517051	127.5754	.7551037	2.995275	.6580855	38.30344

#1	6.302982	1.122970	-.001870	.0388099	.3144190	1.197731	.0020030
#2	6.257346	1.126314	-.001993	.0390966	.3314133	1.187597	.0013121
#3	6.191792	1.116356	.000525	.0394003	.3151964	1.182334	.0028933

Sample Name: K3120-17 Acquired: 06/10/2019 19:15:42 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0AS8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0608237	.0025092	.0251703
Stddev	.0005834	.0005529	.0000359
%RSD	.9591054	22.03288	.1427416

#1	.0614809	.0030232	.0251996
#2	.0606229	.0025801	.0251811
#3	.0603673	.0019244	.0251302

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3259.544	4563.203	73529.37	11663.05	4207.004
Stddev	27.802	3.518	436.69	65.32	9.604
%RSD	.8529376	.0770929	.5939037	.5600637	.2282937

#1	3274.372	4563.727	73756.33	11591.41	4207.024
#2	3276.788	4559.453	73805.84	11678.43	4197.390
#3	3227.471	4566.430	73025.93	11719.31	4216.598

Sample Name: K3120-16 Acquired: 06/10/2019 19:11:43 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0AS7 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0794804	.0137934	.1538785	-.061154	-.003737	139.2508
Stddev	.0017342	.0019869	.0013502	.003793	.000500	.3643
%RSD	2.181859	14.40502	.8774269	6.202086	13.37942	.2615960

#1	.0812385	.0152052	.1533818	-.057500	-.003416	138.9482
#2	.0794316	.0146537	.1528471	-.065072	-.004313	139.6551
#3	.0777712	.0115213	.1554067	-.060889	-.003481	139.1491

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.109062	.0085567	.0043048	61.43846	.0491685	.1802695
Stddev	.003717	.0000450	.0002054	.19720	.0004360	.0011316
%RSD	.1762507	.5258858	4.771774	.3209696	.8867724	.6277269

#1	2.105724	.0085082	.0041255	61.27259	.0495945	.1793475
#2	2.113068	.0085646	.0042599	61.65650	.0491879	.1799287
#3	2.108394	.0085971	.0045289	61.38631	.0487231	.1815323

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1661588	307.6965	20.90286	120.6230	.1175745	-.007480
Stddev	.0004855	.7805	.05723	.3485	.0008094	.000109
%RSD	.2921997	.2536655	.2738126	.2889427	.6884088	1.458000

#1	.1666094	306.9770	20.85432	120.3567	.1166411	-.007491
#2	.1662223	308.5263	20.96597	121.0175	.1179998	-.007584
#3	.1656446	307.5863	20.88830	120.4948	.1180826	-.007366

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5638293	.6548087	.9563711	46.68594	F 12.09343	.0044640
Stddev	.2792074	.0015165	.0075054	.20934	.01965	.0019421
%RSD	49.51984	.2315938	.7847829	.4484107	.1624516	43.50654

#1	.8511911	.6530577	.9586980	46.67334	12.08328	.0025792
#2	.2935618	.6556661	.9479778	46.90130	12.08092	.0043539
#3	.5467351	.6557023	.9624375	46.48318	12.11607	.0064588

Sample Name: K3120-16 Acquired: 06/10/2019 19:11:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0AS7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0041127	.4728240	1.039690	-.017271	21.09611	.3966773
Stddev	.0002411	.0052366	.009562	.000959	.03442	.0016713
%RSD	5.861565	1.107509	.9196558	5.553529	.1631495	.4213111

#1	.0039260	.4781813	1.030525	-.017748	21.08105	.3950213
#2	.0040273	.4677171	1.049605	-.016167	21.13549	.3983634
#3	.0043849	.4725736	1.038941	-.017899	21.07179	.3966473

Elem	Sr4077
Units	ppm
Avg	.4439862
Stddev	.0007191
%RSD	.1619673

#1	.4434346
#2	.4447995
#3	.4437244

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2671.074	3753.748	60601.21	9775.978	3882.466
Stddev	11.453	6.370	199.77	59.438	6.953
%RSD	.4287963	.1696990	.3296523	.6080009	.1790802

#1	2658.545	3746.750	60398.21	9786.726	3874.661
#2	2673.671	3755.287	60607.82	9711.900	3884.739
#3	2681.006	3759.208	60797.60	9829.309	3887.997

Sample Name: CCB073 Acquired: 06/10/2019 19:23:48 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCB073 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003157	.0024702	-.002679	-.005292	.0000390	-.002641	.0002456
Stddev	.002291	.0018096	.000994	.002729	.0014065	.003296	.0000409
%RSD	72.56065	73.25757	37.10650	51.57617	3604.980	124.8000	16.65340

#1	-.002338	.0043995	-.003579	-.007004	-.000354	-.000465	.0002136
#2	-.005746	.0022005	-.002846	-.002144	.001600	-.006432	.0002916
#3	-.001389	.0008106	-.001612	-.006727	-.001129	-.001025	.0002315

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000723	.0000163	-.003446	.0006773	.0003391	.0017214	.0061057
Stddev	.0000133	.0000720	.005006	.0004088	.0003449	.0018789	.0054765
%RSD	18.31381	441.9433	145.2478	60.36012	101.7177	109.1523	89.69514

#1	.0000646	.0000969	-.000715	.0005738	.0006960	-.000440	.0091873
#2	.0000877	-.000007	-.000400	.0003302	.0003139	.002637	.0093473
#3	.0000648	-.000041	-.009224	.0011280	.0000075	.002967	-.000217

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004309	.0109162	.0004890	.0002691	.1209611	.0001746	-.008450
Stddev	.0000471	.0142183	.0001179	.0003665	.3574798	.0012957	.000809
%RSD	10.93146	130.2499	24.11643	136.2266	295.5329	742.1509	9.569170

#1	.0004167	.0226725	.0005130	-.000147	-.088561	.0016124	-.008013
#2	.0003925	.0149628	.0003609	.000545	-.082283	-.000186	-.007955
#3	.0004835	-.004887	.0005931	.000409	.533727	-.000902	-.009383

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0998228	.0026615	.0024527	.0000492	-.010588	.0032633	-.002573
Stddev	.0041472	.0008617	.0008153	.0002932	.005152	.0002875	.001506
%RSD	4.154598	32.37666	33.24061	596.1364	48.65589	8.810838	58.51393

#1	.1031160	.0023212	.0028334	.0003538	-.011282	.0032796	-.000835
#2	.0951652	.0036415	.0030080	.0000248	-.015357	.0029679	-.003484
#3	.1011871	.0020220	.0015167	-.000231	-.005125	.0035423	-.003400

Sample Name: CCB073 Acquired: 06/10/2019 19:23:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCB073 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0011995	.0038165	.0000409
Stddev	.0008484	.0013649	.0000595
%RSD	70.73484	35.76337	145.6213

#1	.0021466	.0053419	.0001085
#2	.0009429	.0033967	-.000004
#3	.0005089	.0027108	.000018

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2496.072	3532.029	55796.62	8856.567	4305.670
Stddev	22.910	3.411	439.40	19.167	1.294
%RSD	.9178429	.0965674	.7874964	.2164160	.0300580

#1	2510.150	3535.203	55922.02	8851.768	4305.487
#2	2469.636	3532.461	55308.15	8840.256	4307.046
#3	2508.430	3528.423	56159.68	8877.678	4304.477

Sample Name: CCV073 Acquired: 06/10/2019 19:19:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV073 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.993221	4.887941	24.71366	4.913700	5.113987	402.8342	10.45153
Stddev	.026130	.011275	.04126	.034113	.010677	1.3259	.01190
%RSD	.5233135	.2306658	.1669362	.6942454	.2087808	.3291395	.1139033

#1	4.992597	4.889428	24.70336	4.930903	5.115714	404.3602	10.45502
#2	4.967408	4.898398	24.75909	4.874411	5.102552	402.1789	10.43827
#3	5.019658	4.875996	24.67853	4.935787	5.123696	401.9636	10.46130

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4999973	2.487483	407.5650	15.20288	2.521178	15.28955	416.8734
Stddev	.0007429	.002191	.4334	.01756	.001196	.01252	.6987
%RSD	.1485740	.0880923	.1063414	.1154939	.0474214	.0818879	.1676164

#1	.5008476	2.486486	408.0434	15.18452	2.520175	15.30340	417.1167
#2	.4994742	2.489995	407.1986	15.21951	2.522501	15.28619	416.0855
#3	.4996701	2.485967	407.4529	15.20460	2.520859	15.27905	417.4179

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.12691	408.5786	2.545915	1.275415	411.0424	2.574653	15.04636
Stddev	.02088	.2853	.000878	.005675	.4923	.007111	.06703
%RSD	.1380093	.0698179	.0344810	.4449751	.1197804	.2762016	.4454751

#1	15.14026	408.5061	2.546560	1.268940	410.6145	2.581687	14.96896
#2	15.10285	408.3367	2.544915	1.277773	410.9322	2.567467	15.08468
#3	15.13761	408.8932	2.546269	1.279530	411.5805	2.574805	15.08542

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	155.5485	4.992271	4.982700	5.087334	4.911431	4.944753	5.179383
Stddev	.2080	.016904	.009934	.021520	.024913	.011820	.009737
%RSD	.1337285	.3386127	.1993599	.4230044	.5072419	.2390406	.1879944

#1	155.4017	4.999438	4.980824	5.091039	4.939575	4.957386	5.189980
#2	155.4572	5.004410	4.973839	5.064203	4.902517	4.933963	5.170831
#3	155.7866	4.972963	4.993438	5.106761	4.892202	4.942910	5.177339

Sample Name: CCV073 Acquired: 06/10/2019 19:19:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV073 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.060269	5.131479	5.050656
Stddev	.005435	.011804	.031826
%RSD	.1074057	.2300312	.6301317

#1	5.064346	5.138820	5.084161
#2	5.054098	5.117863	5.046977
#3	5.062361	5.137756	5.020829

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2178.689	3056.312	50618.25	8501.960	3437.967
Stddev	7.401	10.029	100.18	23.426	2.594
%RSD	.3396991	.3281333	.1979178	.2755376	.0754591

#1	2185.699	3054.733	50656.02	8476.158	3437.650
#2	2179.419	3067.037	50694.06	8521.896	3435.547
#3	2170.951	3047.167	50504.67	8507.826	3440.706

Sample Name: K3120-18 Acquired: 06/10/2019 19:27:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0AS9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.358223	.0000314	1.546938	-.013962	.0173342	23.29499	.1333383
Stddev	.005730	.0016184	.002997	.001723	.0021981	.08699	.0008606
%RSD	.4218575	5148.019	.1937588	12.34176	12.68091	.3734106	.6454357

#1	1.353089	-.000781	1.544588	-.012347	.0154361	23.33255	.1334047
#2	1.357176	.001895	1.545913	-.015776	.0168238	23.19553	.1324464
#3	1.364404	-.001020	1.550313	-.013763	.0197426	23.35688	.1341638

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0058747	.0106585	8.777726	.0037947	.0196467	1.777475	51.86704
Stddev	.0000499	.0001057	.064325	.0001886	.0001804	.004725	.19572
%RSD	.8487950	.9920315	.7328213	4.968825	.9179929	.2658070	.3773399

#1	.0059165	.0107803	8.800291	.0035779	.0197453	1.781471	51.82395
#2	.0058195	.0105898	8.705159	.0038860	.0194386	1.772260	51.69646
#3	.0058880	.0106055	8.827728	.0039203	.0197563	1.778693	52.08071

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.469322	3.616307	.0058338	.0273763	.0824676	.0377923	1.408966
Stddev	.012510	.029345	.0001858	.0003329	.1400452	.0021248	.004905
%RSD	.8513942	.8114696	3.184154	1.216086	169.8184	5.622333	.3481513

#1	1.469373	3.588221	.0058256	.0276475	.1744136	.0370079	1.404378
#2	1.456787	3.613935	.0060235	.0274766	.1516993	.0361712	1.408384
#3	1.481806	3.646767	.0056523	.0270048	-.078710	.0401978	1.414137

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.442380	1.381021	.0041262	.0199101	.7115025	1.039576	.0099553
Stddev	.064974	.000441	.0005076	.0003610	.0053192	.016517	.0010565
%RSD	1.887485	.0319156	12.30151	1.813204	.7476005	1.588785	10.61273

#1	3.436869	1.381323	.0046096	.0202990	.7055251	1.039970	.0092179
#2	3.380337	1.381225	.0041716	.0198456	.7157145	1.022867	.0094823
#3	3.509934	1.380515	.0035975	.0195856	.7132681	1.055893	.0111657

Sample Name: K3120-18 Acquired: 06/10/2019 19:27:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0AS9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0914599	.0060491	.0711567
Stddev	.0004485	.0018078	.0003628
%RSD	.4903969	29.88590	.5098423

#1	.0918046	.0040070	.0711465
#2	.0916222	.0066950	.0707990
#3	.0909528	.0074453	.0715244

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2995.803	4206.179	67373.52	10678.14	4234.115
Stddev	.795	9.182	175.83	37.43	7.632
%RSD	.0265473	.2182963	.2609784	.3505357	.1802453

#1	2994.912	4200.868	67306.55	10647.20	4229.909
#2	2996.057	4216.782	67241.03	10719.75	4242.924
#3	2996.441	4200.888	67573.00	10667.46	4229.510

Sample Name: K3120-19 Acquired: 06/10/2019 19:31:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0AT0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.165137	.0008296	5.652727	-.011074	.0257144	15.99668	.1471903
Stddev	.003242	.0008217	.008183	.001810	.0011552	.02239	.0001294
%RSD	.2782492	99.04985	.1447697	16.34167	4.492372	.1399716	.0879289

#1	1.168596	.0003096	5.650487	-.011026	.0266941	16.00445	.1472290
#2	1.162168	.0004023	5.645896	-.012907	.0244406	15.97144	.1472960
#3	1.164647	.0017770	5.661797	-.009289	.0260086	16.01415	.1470460

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0083556	.0082789	5.728953	.0096616	.0108136	1.350509	62.16616
Stddev	.0000840	.0000783	.021277	.0005536	.0002890	.002030	.01764
%RSD	1.005131	.9464396	.3713963	5.729653	2.672621	.1502967	.0283702

#1	.0084422	.0081886	5.751446	.0092881	.0110583	1.350372	62.15012
#2	.0082745	.0083293	5.726265	.0102976	.0108878	1.352604	62.16331
#3	.0083503	.0083187	5.709147	.0093992	.0104947	1.348551	62.18504

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.710492	2.684204	.0068728	.2084240	-.088672	.0881522	1.306172
Stddev	.004908	.022660	.0000766	.0008224	.442467	.0022991	.008334
%RSD	.1322790	.8441886	1.114620	.3945935	498.9957	2.608141	.6380858

#1	3.709773	2.658345	.0068429	.2084011	.342346	.0876931	1.296754
#2	3.705984	2.693675	.0069598	.2092576	-.066598	.0906463	1.312593
#3	3.715720	2.700592	.0068155	.2076132	-.541763	.0861173	1.309170

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.174937	1.678427	.0036011	.4048293	.7786407	1.200925	.0099494
Stddev	.023978	.002518	.0003555	.0008290	.0016219	.004786	.0007099
%RSD	.7552249	.1499957	9.871114	.2047824	.2083016	.3985153	7.134982

#1	3.197359	1.678008	.0035123	.4039749	.7769034	1.206227	.0107615
#2	3.149659	1.676144	.0039925	.4048826	.7801151	1.196925	.0096398
#3	3.177794	1.681127	.0032985	.4056304	.7789037	1.199621	.0094468

Sample Name: K3120-19 Acquired: 06/10/2019 19:31:59 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0AT0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1719752	.0070415	.0464620
Stddev	.0012344	.0009322	.0001181
%RSD	.7177629	13.23880	.2541464

#1	.1731283	.0080713	.0463389
#2	.1721241	.0062552	.0464726
#3	.1706731	.0067980	.0465744

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2849.986	4002.550	64145.10	10175.14	4257.906
Stddev	13.354	5.015	316.03	17.02	7.584
%RSD	.4685674	.1252908	.4926865	.1672295	.1781120

#1	2861.572	3997.382	64286.44	10156.39	4249.381
#2	2835.380	4007.396	63783.06	10189.59	4263.902
#3	2853.006	4002.871	64365.80	10179.45	4260.436

Sample Name: K3122-02 Acquired: 06/10/2019 19:40:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0AT3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3697848	-.001234	1.266653	-.012709	.0030158	31.15169	.2056559
Stddev	.0014700	.000991	.001879	.001594	.0006934	.08924	.0013708
%RSD	.3975302	80.32886	.1483580	12.53918	22.99352	.2864547	.6665378

#1	.3704392	-.001312	1.264585	-.014484	.0033799	31.25025	.2072190
#2	.3681012	-.002184	1.267115	-.011401	.0034513	31.12843	.2050900
#3	.3708139	-.000206	1.268257	-.012242	.0022161	31.07638	.2046586

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0120357	.0116652	18.61328	.0040363	.0097558	.9928383	46.55699
Stddev	.0001408	.0000455	.12564	.0001206	.0002085	.0044485	.24589
%RSD	1.169788	.3903421	.6749838	2.987351	2.137229	.4480621	.5281558

#1	.0121981	.0116883	18.75340	.0040058	.0095205	.9916058	46.76352
#2	.0119614	.0116944	18.57575	.0039338	.0099174	.9977731	46.62246
#3	.0119477	.0116127	18.51068	.0041691	.0098296	.9891359	46.28499

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.037811	6.289569	.0130122	.0118664	.2360910	.0895391	1.081638
Stddev	.020900	.055068	.0001060	.0000902	.1673039	.0014253	.006652
%RSD	.6879895	.8755412	.8143103	.7602567	70.86418	1.591836	.6149755

#1	3.059529	6.296366	.0130803	.0117945	.4245284	.0904660	1.076203
#2	3.036067	6.340923	.0128902	.0118371	.1787383	.0902535	1.089056
#3	3.017838	6.231418	.0130662	.0119677	.1050062	.0878979	1.079656

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.217227	1.482882	-.004017	.0129361	.4167295	1.019170	.0043150
Stddev	.026467	.005417	.001360	.0002267	.0041066	.011118	.0020486
%RSD	.6275809	.3652759	33.86250	1.752729	.9854304	1.090918	47.47652

#1	4.219550	1.477109	-.005564	.0126803	.4133451	1.031356	.0065786
#2	4.242456	1.487852	-.003483	.0131121	.4212980	1.016578	.0037782
#3	4.189676	1.483686	-.003005	.0130160	.4155454	1.009577	.0025883

Sample Name: K3122-02 Acquired: 06/10/2019 19:40:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0AT3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0716871	.0131846	.1260651
Stddev	.0002336	.0015243	.0003984
%RSD	.3258900	11.56140	.3160604

#1	.0716452	.0149328	.1262812
#2	.0719388	.0124880	.1263089
#3	.0714772	.0121331	.1256053

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3184.990	4469.332	71642.35	11410.13	4213.831
Stddev	9.594	8.736	254.13	116.49	7.921
%RSD	.3012315	.1954632	.3547223	1.020940	.1879874

#1	3194.112	4478.515	71733.00	11279.94	4221.362
#2	3174.985	4461.126	71355.32	11445.96	4205.570
#3	3185.874	4468.354	71838.72	11504.50	4214.560

Sample Name: K3122-01 Acquired: 06/10/2019 19:35:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0AT2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7552200	-.000557	3.982306	-.011621	.0639325	24.41673	.4085785
Stddev	.0038906	.001125	.010235	.002711	.0016661	.03412	.0013972
%RSD	.5151539	202.0086	.2570162	23.32922	2.606077	.1397530	.3419668

#1	.7563301	-.001104	3.976745	-.014429	.0656693	24.39761	.4092263
#2	.7584348	.000737	3.976056	-.009018	.0637809	24.39646	.4069750
#3	.7508950	-.001303	3.994118	-.011417	.0623474	24.45613	.4095342

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0145475	.0085686	5.278425	.0050826	.0149829	1.328877	94.73420
Stddev	.0001413	.0000281	.031308	.0004224	.0003702	.000263	.25426
%RSD	.9714539	.3283033	.5931222	8.311190	2.471121	.0198126	.2683970

#1	.0144055	.0085867	5.272038	.0051016	.0146918	1.328986	94.69801
#2	.0145491	.0085829	5.250803	.0054952	.0153996	1.328576	94.49997
#3	.0146881	.0085362	5.312433	.0046510	.0148572	1.329068	95.00462

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.091603	3.674321	.0148199	.0652905	.2845096	.1992760	.9810682
Stddev	.019211	.034423	.0001666	.0002267	.1774846	.0014873	.0039031
%RSD	.3773151	.9368596	1.124299	.3471744	62.38263	.7463727	.3978437

#1	5.096858	3.648302	.0148643	.0655269	.4872996	.1998988	.9765623
#2	5.070311	3.661308	.0149598	.0652696	.2087653	.1975785	.9832392
#3	5.107641	3.713354	.0146356	.0650750	.1574640	.2003507	.9834032

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.268998	1.985488	.0033050	.0797263	4.586767	1.116206	.0069249
Stddev	.044922	.006969	.0001273	.0006039	.014070	.001460	.0003565
%RSD	.7165659	.3509980	3.850139	.7574300	.3067425	.1307653	5.148236

#1	6.285599	1.983902	.0033004	.0790440	4.579213	1.116124	.0065360
#2	6.303256	1.979448	.0031802	.0799433	4.603000	1.114789	.0070025
#3	6.218139	1.993113	.0034346	.0801918	4.578087	1.117705	.0072363

Sample Name: K3122-01 Acquired: 06/10/2019 19:35:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0AT2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1319171	.0129802	.0858248
Stddev	.0004322	.0001300	.0001554
%RSD	.3276437	1.001314	.1810918

#1	.1314194	.0128929	.0859752
#2	.1321334	.0131296	.0856647
#3	.1321984	.0129181	.0858344

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3472.350	4876.265	78234.84	12452.74	4243.490
Stddev	9.433	8.073	316.34	51.04	8.927
%RSD	.2716552	.1655643	.4043438	.4098788	.2103656

#1	3463.309	4867.209	77916.11	12416.09	4237.813
#2	3482.131	4878.877	78548.73	12511.04	4253.780
#3	3471.610	4882.709	78239.67	12431.10	4238.879

Sample Name: K3122-04 Acquired: 06/10/2019 19:48:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0AT5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.156535	.0029488	9.002588	-.021087	.0161342	28.33894	.5233944
Stddev	.009723	.0022136	.019203	.003061	.0002316	.04929	.0030754
%RSD	.8407155	75.06964	.2133003	14.51740	1.435386	.1739207	.5875797

#1	1.149218	.0028245	8.983873	-.017682	.0159086	28.29075	.5232215
#2	1.152819	.0052219	9.001649	-.023611	.0161228	28.38926	.5265526
#3	1.167568	.0007999	9.022244	-.021967	.0163714	28.33681	.5204091

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043346	.0216887	10.13245	.0215362	.0220784	2.629897	79.89572
Stddev	.0000274	.0001228	.06394	.0001211	.0001225	.003981	.29668
%RSD	.6326898	.5662091	.6310147	.5623999	.5547783	.1513829	.3713286

#1	.0043030	.0215829	10.11982	.0214115	.0222177	2.626727	79.87787
#2	.0043522	.0216600	10.20176	.0216534	.0220299	2.634365	80.20091
#3	.0043485	.0218234	10.07577	.0215436	.0219876	2.628598	79.60837

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.65397	7.111645	.0198501	.0649883	.2103699	.1379042	6.036235
Stddev	.05420	.034060	.0004882	.0004314	.2718657	.0008266	.026916
%RSD	.4283228	.4789383	2.459333	.6637934	129.2322	.5993799	.4459122

#1	12.64260	7.141341	.0193024	.0648709	.1933111	.1381995	6.039295
#2	12.71295	7.119128	.0202395	.0646278	-.052565	.1369706	6.007919
#3	12.60635	7.074465	.0200083	.0654663	.490363	.1385426	6.061490

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.835954	3.010351	.0049616	.0535541	1.359677	2.038577	.1169312
Stddev	.045713	.014120	.0011327	.0001747	.012531	.012259	.0005327
%RSD	.9452758	.4690443	22.82930	.3262726	.9215854	.6013526	.4555291

#1	4.784574	3.006583	.0058995	.0533989	1.347104	2.030298	.1172993
#2	4.851170	2.998497	.0037032	.0535199	1.359763	2.052660	.1171738
#3	4.872119	3.025972	.0052820	.0537434	1.372164	2.032773	.1163204

Sample Name: K3122-04 Acquired: 06/10/2019 19:48:00 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0AT5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6279199	.0300901	.1105142
Stddev	.0014973	.0009600	.0001845
%RSD	.2384573	3.190560	.1669376

#1	.6262441	.0296210	.1103437
#2	.6291262	.0311945	.1107101
#3	.6283893	.0294547	.1104890

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2804.990	3936.023	63185.81	10084.68	4200.893
Stddev	13.069	11.730	166.39	54.62	7.305
%RSD	.4659134	.2980197	.2633311	.5415970	.1738957

#1	2807.147	3936.525	63134.89	10128.14	4198.958
#2	2816.846	3947.494	63371.71	10023.37	4208.971
#3	2790.977	3924.050	63050.84	10102.53	4194.750

Sample Name: K3122-03 Acquired: 06/10/2019 19:44:01 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0AT4 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.026588	.0037403	11.32218	-.015831	.0239423	32.17679	.8613234
Stddev	.002753	.0024300	.01792	.002580	.0034241	.02950	.0012776
%RSD	.1358451	64.96978	.1582812	16.29432	14.30159	.0916665	.1483258

#1	2.023520	.0033882	11.32733	-.015311	.0270686	32.14399	.8602231
#2	2.028841	.0015054	11.33697	-.018631	.0202829	32.20112	.8610227
#3	2.027404	.0063271	11.30225	-.013551	.0244753	32.18527	.8627246

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0048544	.0222484	10.42727	.0225714	.0169776	4.650503	89.98671
Stddev	.0000591	.0000767	.02269	.0005061	.0001319	.001169	.24126
%RSD	1.217840	.3447415	.2176216	2.242053	.7769331	.0251336	.2681081

#1	.0048203	.0222262	10.40264	.0222023	.0170892	4.650614	89.72928
#2	.0048203	.0223338	10.43184	.0231483	.0168321	4.651613	90.02322
#3	.0049227	.0221853	10.44733	.0223636	.0170116	4.649283	90.20764

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.74540	7.204109	.0198149	.0871050	.3503193	.1197534	7.940732
Stddev	.03509	.032442	.0001195	.0006887	.1745714	.0014218	.020265
%RSD	.2552750	.4503236	.6032874	.7906662	49.83207	1.187254	.2552024

#1	13.70549	7.174126	.0199262	.0871174	.3785826	.1210172	7.963254
#2	13.75929	7.199650	.0198299	.0877875	.1633408	.1182140	7.923972
#3	13.77141	7.238549	.0196885	.0864102	.5090346	.1200290	7.934970

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.667151	3.206212	.0222265	.0560209	2.808325	1.676967	.0345288
Stddev	.011938	.003292	.0008988	.0006797	.012920	.006155	.0013284
%RSD	.2106584	.1026790	4.044017	1.213306	.4600581	.3670490	3.847354

#1	5.676832	3.209220	.0224364	.0561866	2.808009	1.670043	.0336259
#2	5.653811	3.202695	.0212413	.0566024	2.795566	1.679040	.0339062
#3	5.670810	3.206721	.0230018	.0552736	2.821400	1.681818	.0360542

Sample Name: K3122-03 Acquired: 06/10/2019 19:44:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0AT4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7354520	.0329436	.1593020
Stddev	.0021759	.0000969	.0000666
%RSD	.2958576	.2942356	.0418202

#1	.7362539	.0330152	.1593039
#2	.7371131	.0329822	.1592344
#3	.7329889	.0328333	.1593676

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2759.515	3873.276	62346.34	9946.475	4183.979
Stddev	8.537	1.478	354.06	19.456	8.478
%RSD	.3093613	.0381636	.5678896	.1956036	.2026323

#1	2750.599	3872.624	62108.55	9964.883	4182.498
#2	2760.330	3872.237	62177.22	9926.118	4176.338
#3	2767.615	3874.968	62753.24	9948.424	4193.099

Sample Name: K3122-05 Acquired: 06/10/2019 19:51:59 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0AT6 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.261040	-.011348	5.447993	-.021159	.0344215	56.15855
Stddev	.005039	.004293	.002662	.001409	.0045984	.10133
%RSD	.3995581	37.82834	.0488706	6.657286	13.35906	.1804348

#1	1.255768	-.006600	5.451059	-.020457	.0291475	56.26376
#2	1.265807	-.012491	5.446656	-.020239	.0365255	56.06161
#3	1.261546	-.014955	5.446263	-.022781	.0375914	56.15028

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.142214	.0055943	.0180770	F 1987.892	.0563350	.0259453
Stddev	.006105	.0000904	.0000345	10.591	.0008231	.0003740
%RSD	.5344883	1.616727	.1909951	.5327964	1.461161	1.441316

#1	1.148590	.0054918	.0180393	1983.503	.0555334	.0262474
#2	1.141630	.0056627	.0180848	1999.973	.0562934	.0260616
#3	1.136422	.0056285	.0181070	1980.201	.0571781	.0255271

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.553325	98.92304	7.052953	258.4859	.0516783	.1737868
Stddev	.005929	.28161	.024258	.6970	.0002584	.0002121
%RSD	.3817280	.2846729	.3439458	.2696460	.5000261	.1220297

#1	1.549733	99.21045	7.075085	258.8272	.0519424	.1736949
#2	1.550074	98.91106	7.056756	258.9465	.0514260	.1736363
#3	1.560169	98.64761	7.027017	257.6841	.0516664	.1740294

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.304867	.1500747	4.642638	17.28360	6.515675	.0733470
Stddev	.139076	.0030271	.014304	.00495	.002461	.0020258
%RSD	6.033995	2.017047	.3081093	.0286117	.0377724	2.761977

#1	2.404155	.1523642	4.637569	17.28882	6.516883	.0718700
#2	2.145914	.1512172	4.631559	17.28300	6.512843	.0725146
#3	2.364530	.1466426	4.658787	17.27899	6.517298	.0756565

Sample Name: K3122-05 Acquired: 06/10/2019 19:51:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0AT6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0287133	19.18602	7.888206	.0042573	2.362098	.1118429
Stddev	.0004453	.01603	.031923	.0027989	.003253	.0004719
%RSD	1.550749	.0835567	.4046877	65.74431	.1377240	.4218969

#1	.0283138	19.19546	7.893565	.0013565	2.363730	.1113675
#2	.0291934	19.16751	7.917110	.0069418	2.364213	.1123112
#3	.0286328	19.19509	7.853943	.0044735	2.358352	.1118501

Elem	Sr4077
Units	ppm
Avg	1.325900
Stddev	.001163
%RSD	.0877268

#1	1.327243
#2	1.325250
#3	1.325206

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2295.189	3201.740	52572.21	8837.017	3259.103
Stddev	1.338	8.596	98.71	39.614	1.817
%RSD	.0583076	.2684800	.1877648	.4482690	.0557660

#1	2296.641	3211.665	52673.83	8837.019	3260.001
#2	2294.004	3196.895	52476.70	8797.403	3257.011
#3	2294.922	3196.661	52566.08	8876.630	3260.296

Sample Name: K3122-06 Acquired: 06/10/2019 19:56:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0AT7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.707756	-.001666	9.918908	-.090429	.1071197	66.48591
Stddev	.007767	.002585	.018812	.004689	.0012971	.24740
%RSD	.1649775	155.1849	.1896626	5.185725	1.210861	.3721103

#1	4.700905	-.002525	9.897786	-.089370	.1080080	66.30114
#2	4.716193	-.003711	9.933861	-.095558	.1056312	66.38961
#3	4.706170	.001239	9.925078	-.086360	.1077197	66.76698

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.656714	.0178098	.2097997	154.3515	.0187619	.0899657
Stddev	.009390	.0001455	.0003144	.8932	.0002353	.0006956
%RSD	.5667875	.8171421	.1498475	.5786995	1.253963	.7731442

#1	1.655516	.0176454	.2094529	153.8116	.0185233	.0893925
#2	1.647981	.0178617	.2100661	153.8603	.0189937	.0907395
#3	1.666646	.0179222	.2098801	155.3825	.0187686	.0897650

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.31542	497.0614	8.857845	10.47616	.0454744	.2207813
Stddev	.05265	2.7441	.052359	.08851	.0000820	.0017922
%RSD	.2079698	.5520616	.5911086	.8448871	.1803199	.8117543

#1	25.27894	496.2413	8.840613	10.38807	.0454924	.2228507
#2	25.29155	494.8209	8.816273	10.47533	.0455460	.2197625
#3	25.37578	500.1221	8.916648	10.56509	.0453850	.2197307

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.144235	.4172183	F 80.39549	17.19903	4.348859	.0374352
Stddev	.174474	.0009467	.76595	.05475	.009897	.0088640
%RSD	120.9651	.2269153	.9527238	.3183184	.2275773	23.67813

#1	-.085679	.4165937	81.14876	17.25779	4.341814	.0358788
#2	-.340454	.4167537	79.61747	17.14946	4.344588	.0294525
#3	-.006571	.4183076	80.42024	17.18983	4.360174	.0469742

Sample Name: K3122-06 Acquired: 06/10/2019 19:56:05 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0AT7 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0493401	90.14251	4.012059	.1582170	.9532482	.0361421
Stddev	.0002888	.24667	.025713	.0034357	.0048888	.0009608
%RSD	.5853277	.2736452	.6408833	2.171525	.5128590	2.658292

#1	.0490330	89.92189	3.982446	.1577096	.9492870	.0350713
#2	.0496063	90.40884	4.028723	.1550632	.9517457	.0369286
#3	.0493809	90.09682	4.025007	.1618782	.9587119	.0364264

Elem	Sr4077
Units	ppm
Avg	.5275898
Stddev	.0007193
%RSD	.1363441

#1	.5276434
#2	.5268452
#3	.5282808

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2812.495	3902.735	64213.00	10406.15	3924.512
Stddev	20.863	5.425	466.35	64.64	5.709
%RSD	.7417793	.1390000	.7262507	.6211985	.1454656

#1	2792.940	3899.615	63767.35	10465.98	3925.193
#2	2834.456	3899.591	64697.60	10414.89	3918.494
#3	2810.088	3908.999	64174.04	10337.58	3929.850

Sample Name: K3122-11 Acquired: 06/10/2019 20:03:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0AU0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.719252	.0271475	.4501857	-.024694	.0229578	20.96419	.2044591
Stddev	.009651	.0022610	.0028972	.006382	.0014551	.09146	.0008342
%RSD	.5613332	8.328469	.6435574	25.84329	6.338024	.4362814	.4080113

#1	1.730178	.0293998	.4511749	-.021332	.0244079	20.99751	.2048842
#2	1.711892	.0248779	.4469234	-.020696	.0214978	20.86074	.2034980
#3	1.715685	.0271648	.4524587	-.032054	.0229678	21.03432	.2049951

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0027148	.0011703	1.613093	-.008429	.0072288	.1364855	143.3978
Stddev	.0000865	.0000128	.029237	.000410	.0000825	.0034596	.7045
%RSD	3.187883	1.093995	1.812454	4.862559	1.141453	2.534815	.4912588

#1	.0026710	.0011800	1.623262	-.008586	.0071658	.1364629	143.7239
#2	.0026589	.0011558	1.580130	-.008737	.0073222	.1330372	142.5894
#3	.0028145	.0011751	1.635887	-.007964	.0071984	.1399564	143.8801

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1110719	2.007421	.0010847	.0161758	.7302265	.0760660	.1135514
Stddev	.0009727	.018170	.0003193	.0003024	.1882320	.0035343	.0012669
%RSD	.8757144	.9051280	29.44066	1.869264	25.77720	4.646348	1.115709

#1	.1118795	2.008667	.0012826	.0158875	.9254581	.0801469	.1124963
#2	.1099921	1.988660	.0012552	.0161493	.7153437	.0740057	.1149565
#3	.1113440	2.024935	.0007163	.0164905	.5498777	.0740453	.1132014

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.83994	2.556525	.0071469	.0733076	18.41266	1.319286	.0009109
Stddev	.13466	.003015	.0031081	.0003311	.02309	.006923	.0005313
%RSD	.7996643	.1179181	43.48879	.4516922	.1254171	.5247193	58.32387

#1	16.98176	2.559986	.0082381	.0729649	18.41975	1.319071	.0002986
#2	16.71380	2.554475	.0095622	.0736258	18.43138	1.312474	.0012493
#3	16.82425	2.555114	.0036403	.0733322	18.38685	1.326314	.0011849

Sample Name: K3122-11 Acquired: 06/10/2019 20:03:58 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0AU0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0665166	.0031943	.1972438
Stddev	.0012334	.0013070	.0005987
%RSD	1.854209	40.91501	.3035160

#1	.0676561	.0046610	.1979170
#2	.0652071	.0027687	.1967711
#3	.0666867	.0021532	.1970434

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2511.164	3537.414	56386.42	8944.893	4169.821
Stddev	10.128	4.637	155.89	75.018	7.648
%RSD	.4033074	.1310800	.2764702	.8386645	.1834163

#1	2501.026	3532.497	56319.95	8919.217	4163.443
#2	2511.183	3538.036	56274.77	9029.377	4167.719
#3	2521.282	3541.708	56564.52	8886.084	4178.300

Sample Name: K3122-07 Acquired: 06/10/2019 20:00:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0AT8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6857821	.0059596	1.900441	-.032591	.0247427	47.40874	1.241220
Stddev	.0025747	.0007308	.005926	.000872	.0021217	.02609	.003004
%RSD	.3754334	12.26288	.3118219	2.674231	8.575254	.0550388	.2420111

#1	.6874096	.0055375	1.893626	-.031767	.0271064	47.38921	1.239092
#2	.6871230	.0055379	1.904383	-.033503	.0241191	47.43837	1.244656
#3	.6828138	.0068035	1.903314	-.032504	.0230027	47.39863	1.239912

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065836	.0123561	32.07163	.0533024	.0489081	2.873596	171.6483
Stddev	.0001540	.0000158	.20133	.0002643	.0003554	.001568	.3656
%RSD	2.338988	.1276714	.6277600	.4957791	.7266900	.0545525	.2129826

#1	.0066315	.0123467	31.85008	.0532601	.0488687	2.874207	171.3117
#2	.0067081	.0123743	32.24340	.0530619	.0485741	2.874767	172.0372
#3	.0064114	.0123473	32.12143	.0535853	.0492817	2.871815	171.5960

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.738873	21.61485	.0419475	.0045576	.2640759	.3052250	4.604450
Stddev	.021594	.13126	.0007964	.0004000	.1774035	.0023744	.061050
%RSD	.3204397	.6072566	1.898551	8.776717	67.17898	.7779206	1.325884

#1	6.717810	21.47476	.0428669	.0046756	.4102680	.3027668	4.653484
#2	6.760961	21.73499	.0414708	.0048853	.0667104	.3054026	4.536072
#3	6.737846	21.63480	.0415049	.0041118	.3152493	.3075057	4.623795

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.95321	4.641650	.0059131	.0177320	4.382593	5.272781	.0137855
Stddev	.00530	.014098	.0006898	.0002788	.019741	.044803	.0011708
%RSD	.0294984	.3037343	11.66600	1.572092	.4504335	.8497052	8.492925

#1	17.95262	4.631876	.0064460	.0175356	4.360427	5.228502	.0124344
#2	17.95878	4.635262	.0051340	.0180511	4.389073	5.318091	.0144220
#3	17.94824	4.657811	.0061594	.0176095	4.398280	5.271750	.0145002

Sample Name: K3122-07 Acquired: 06/10/2019 20:00:00 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0AT8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.456232	.0825806	.1765497
Stddev	.007048	.0013152	.0003341
%RSD	.2039145	1.592661	.1892241

#1	3.461475	.0822048	.1769333
#2	3.459001	.0840429	.1763932
#3	3.448221	.0814942	.1763226

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2685.780	3771.340	60377.32	9620.154	4115.308
Stddev	26.519	5.059	249.88	59.326	8.307
%RSD	.9873906	.1341350	.4138614	.6166853	.2018537

#1	2671.971	3768.375	60334.49	9686.588	4124.746
#2	2716.354	3768.464	60645.84	9572.464	4112.068
#3	2669.015	3777.181	60151.62	9601.410	4109.109

Sample Name: K3122-13 Acquired: 06/10/2019 20:12:03 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0AU2 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.718182	.0097518	.1429858	-.016222	.0562725	20.15794	.1058031
Stddev	.018560	.0001847	.0008390	.004758	.0004808	.07024	.0004835
%RSD	.4991814	1.894003	.5867830	29.33295	.8544877	.3484275	.4569904

#1	3.739555	.0099056	.1439446	-.011626	.0568021	20.22552	.1063613
#2	3.706120	.0098028	.1426273	-.015911	.0561521	20.08532	.1055337
#3	3.708872	.0095469	.1423857	-.021128	.0558633	20.16297	.1055143

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026585	.0011205	13.32364	-.000033	.0107604	.1339071	81.70553
Stddev	.0000704	.0001080	.06268	.000658	.0002433	.0011113	.14071
%RSD	2.647493	9.636538	.4704186	1969.384	2.261247	.8299031	.1722103

#1	.0027205	.0011276	13.35741	-.000237	.0110400	.1346835	81.85813
#2	.0026729	.0010092	13.25132	.000702	.0105967	.1326341	81.58093
#3	.0025820	.0012248	13.36220	-.000566	.0106446	.1344037	81.67752

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4698870	3.172808	.0058791	.0024291	.4723993	.0739125	.1323813
Stddev	.0030182	.039720	.0002609	.0002674	.2227743	.0034509	.0009674
%RSD	.6423233	1.251893	4.437273	11.00984	47.15804	4.668965	.7307880

#1	.4722810	3.194926	.0057265	.0024294	.6774839	.0768851	.1333792
#2	.4664966	3.196546	.0061803	.0026964	.2353817	.0701280	.1323173
#3	.4708833	3.126953	.0057304	.0021615	.5043323	.0747244	.1314475

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.40434	2.035466	.0033113	.0432835	11.44187	1.757570	.0004454
Stddev	.07247	.005678	.0002485	.0003386	.05831	.013815	.0017598
%RSD	.4163671	.2789310	7.503944	.7822155	.5096624	.7860359	395.1424

#1	17.39441	2.039398	.0034231	.0436180	11.49832	1.766618	.0006281
#2	17.33736	2.038044	.0034843	.0429410	11.38186	1.741668	.0021066
#3	17.48126	2.028957	.0030266	.0432914	11.44544	1.764424	-.001399

Sample Name: K3122-13 Acquired: 06/10/2019 20:12:03 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0AU2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2568683	.0073155	.1567336
Stddev	.0003825	.0013222	.0003113
%RSD	.1489136	18.07391	.1985829

#1	.2571687	.0069331	.1570837
#2	.2569984	.0087868	.1564884
#3	.2564377	.0062267	.1566285

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2585.435	3644.351	58214.75	9188.380	4167.424
Stddev	11.717	20.326	403.22	39.270	21.034
%RSD	.4532063	.5577394	.6926494	.4273832	.5047302

#1	2574.089	3621.116	57769.75	9165.931	4143.431
#2	2597.491	3658.842	58555.89	9233.724	4176.150
#3	2584.727	3653.094	58318.59	9165.484	4182.692

Sample Name: K3122-12 Acquired: 06/10/2019 20:08:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0AU1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.470518	.0145850	.1211300	-.034206	.0067474	36.94365	.3471853
Stddev	.003952	.0007944	.0008233	.002025	.0004597	.10140	.0013622
%RSD	.2687395	5.446801	.6796870	5.920116	6.812871	.2744782	.3923556

#1	1.466112	.0152559	.1202471	-.032030	.0062301	36.85339	.3456131
#2	1.473751	.0137078	.1218768	-.036035	.0069030	36.92419	.3480128
#3	1.471691	.0147913	.1212660	-.034554	.0071090	37.05337	.3479300

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054919	.0018676	6.037855	.0031875	.0302511	.3135596	202.7529
Stddev	.0000694	.0000638	.061655	.0001383	.0003031	.0033403	.3902
%RSD	1.262714	3.415601	1.021142	4.337878	1.001978	1.065284	.1924472

#1	.0055468	.0018141	5.978467	.0033262	.0304355	.3169408	202.3263
#2	.0054139	.0018506	6.033547	.0031864	.0304165	.3102617	202.8408
#3	.0055149	.0019382	6.101551	.0030497	.0299012	.3134764	203.0917

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5369555	12.01075	.0213861	-.005619	.5240910	.1983576	.1863751
Stddev	.0013841	.02268	.0000736	.000202	.1627676	.0030935	.0017708
%RSD	.2577699	.1888448	.3443003	3.593301	31.05713	1.559542	.9501007

#1	.5356652	12.02069	.0213026	-.005404	.6688271	.1968452	.1864334
#2	.5367840	11.98479	.0214137	-.005647	.5555587	.2019163	.1845759
#3	.5384174	12.02676	.0214419	-.005804	.3478871	.1963113	.1881160

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.10512	6.252937	.0146073	.0343062	21.25086	1.442381	.0017684
Stddev	.08783	.021463	.0004936	.0001108	.08672	.005352	.0002995
%RSD	.3498674	.3432476	3.379121	.3228337	.4080878	.3710321	16.93377

#1	25.12451	6.251678	.0140733	.0344213	21.24740	1.446536	.0020023
#2	25.00921	6.232132	.0150468	.0342967	21.16592	1.436342	.0018720
#3	25.18163	6.275002	.0147017	.0342004	21.33926	1.444265	.0014309

Sample Name: K3122-12 Acquired: 06/10/2019 20:08:03 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0AU1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.471704	.0282526	.1948527
Stddev	.004870	.0010814	.0006963
%RSD	.3308992	3.827736	.3573343

#1	1.467255	.0270796	.1942010
#2	1.470950	.0284684	.1947707
#3	1.476906	.0292099	.1955863

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2573.936	3608.501	57920.06	9153.201	4111.614
Stddev	2.745	6.675	122.25	8.649	9.566
%RSD	.1066347	.1849671	.2110630	.0944894	.2326535

#1	2574.765	3600.852	57844.33	9144.846	4102.101
#2	2576.170	3613.142	58061.10	9162.116	4121.232
#3	2570.872	3611.509	57854.77	9152.640	4111.511

Sample Name: K3122-15 Acquired: 06/10/2019 20:20:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0AU4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.593312	.0151600	.1025974	-.045254	.0290105	87.91462
Stddev	.018745	.0009688	.0002000	.004776	.0015451	.29189
%RSD	.2181380	6.390300	.1949586	10.55288	5.325919	.3320178

#1	8.614946	.0142929	.1026356	-.047579	.0282313	87.69002
#2	8.581913	.0149816	.1023810	-.039761	.0307900	87.80929
#3	8.583075	.0162056	.1027755	-.048421	.0280102	88.24456

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6743432	.0112260	.0034732	20.79474	.0061143	.1443113
Stddev	.0032622	.0000722	.0000317	.17023	.0007284	.0006335
%RSD	.4837634	.6429897	.9120246	.8186313	11.91247	.4389492

#1	.6730093	.0111460	.0035062	20.74008	.0062456	.1449962
#2	.6719594	.0112459	.0034431	20.65855	.0067680	.1437466
#3	.6780610	.0112862	.0034704	20.98559	.0053292	.1441910

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8468487	312.2182	2.919461	34.66996	.0756060	-.013855
Stddev	.0046297	1.0546	.015367	.22652	.0008498	.000412
%RSD	.5466983	.3377830	.5263691	.6533566	1.123972	2.975429

#1	.8428770	311.4512	2.908316	34.49366	.0754030	-.013564
#2	.8457356	311.7826	2.913075	34.59079	.0748761	-.014326
#3	.8519335	313.4209	2.936991	34.92544	.0765389	-.013674

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.078069	.2996779	.4147242	25.35304	F 10.61093	.0101671
Stddev	.292858	.0027720	.0006985	.07946	.03605	.0015066
%RSD	375.1281	.9249994	.1684330	.3133993	.3397741	14.81806

#1	-.308656	.2965275	.4142519	25.32487	10.59641	.0109655
#2	-.176990	.3007628	.4143942	25.29151	10.58440	.0111064
#3	.251439	.3017434	.4155266	25.44275	10.65198	.0084294

Sample Name: K3122-15 Acquired: 06/10/2019 20:20:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0AU4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0836752	4.757343	1.277226	.0007448	3.778156	.1254181
Stddev	.0003456	.018233	.014099	.0016418	.010864	.0003426
%RSD	.4130536	.3832540	1.103850	220.4327	.2875594	.2731409

#1	.0835840	4.749479	1.267645	-.000127	3.770932	.1250318
#2	.0833844	4.744363	1.270618	-.000277	3.772885	.1255377
#3	.0840573	4.778189	1.293415	.002639	3.790650	.1256849

Elem	Sr4077
Units	ppm
Avg	.2314354
Stddev	.0004195
%RSD	.1812735

#1	.2310143
#2	.2314388
#3	.2318533

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2884.953	4024.725	65093.75	10407.80	4003.051
Stddev	3.212	10.377	152.94	49.62	3.681
%RSD	.1113254	.2578380	.2349527	.4767587	.0919529

#1	2883.071	4013.916	64928.47	10442.17	4000.497
#2	2883.127	4025.651	65122.50	10430.30	4007.270
#3	2888.661	4034.608	65230.27	10350.91	4001.386

Sample Name: K3122-14 Acquired: 06/10/2019 20:16:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0AU3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 20.20109	.0136482	.1075743	-.030564	.0738054	24.84567
Stddev	.03772	.0020491	.0020606	.002018	.0007353	.05815
%RSD	.1867396	15.01405	1.915510	6.603153	.9962682	.2340450

#1	20.16496	.0142184	.1094367	-.032895	.0741543	24.80282
#2	20.24023	.0153518	.1053607	-.029390	.0729606	24.82232
#3	20.19809	.0113743	.1079255	-.029408	.0743012	24.91186

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2925195	.0040569	.0022395	10.28725	-.005327	.0442634
Stddev	.0005896	.0000747	.0001498	.05512	.000061	.0003726
%RSD	.2015478	1.842081	6.688016	.5358297	1.148107	.8417686

#1	.2919893	.0040858	.0022325	10.30606	-.005395	.0439085
#2	.2924148	.0039721	.0020933	10.22519	-.005277	.0442302
#3	.2931544	.0041129	.0023926	10.33051	-.005308	.0446514

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2219117	161.2162	.8334843	9.786068	.0209092	-.002122
Stddev	.0002900	.2054	.0020604	.049506	.0003457	.000333
%RSD	.1306678	.1274209	.2471989	.5058786	1.653566	15.67796

#1	.2221495	161.3868	.8344509	9.814401	.0206165	-.002506
#2	.2219970	160.9882	.8311184	9.728904	.0212907	-.001952
#3	.2215887	161.2737	.8348837	9.814898	.0208205	-.001910

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.035522	.1231463	.3500544	15.19657	4.369733	.0071109
Stddev	.208557	.0026568	.0069537	.05470	.003100	.0027809
%RSD	587.1260	2.157441	1.986476	.3599594	.0709382	39.10724

#1	.147531	.1237985	.3472106	15.23362	4.371276	.0064137
#2	-.262564	.1202241	.3579793	15.22235	4.366165	.0101740
#3	.008469	.1254162	.3449732	15.13374	4.371759	.0047449

Sample Name: K3122-14 Acquired: 06/10/2019 20:16:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0AU3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0349750	6.691677	.9553574	.0021583	1.354413	.0231289
Stddev	.0004242	.007266	.0064156	.0010540	.001438	.0014784
%RSD	1.212741	.1085874	.6715367	48.83737	.1061558	6.391894

#1	.0345009	6.689622	.9579748	.0011469	1.355774	.0223132
#2	.0353184	6.685660	.9480469	.0020776	1.352910	.0222381
#3	.0351057	6.699750	.9600505	.0032503	1.354556	.0248354

Elem	Sr4077
Units	ppm
Avg	.1577996
Stddev	.0002661
%RSD	.1686125

#1	.1580945
#2	.1575776
#3	.1577268

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2666.925	3750.107	59926.62	9529.247	4176.184
Stddev	19.741	9.070	325.80	73.295	3.360
%RSD	.7401974	.2418684	.5436571	.7691616	.0804540

#1	2656.404	3755.146	59678.87	9482.107	4179.257
#2	2654.673	3739.636	59805.33	9613.690	4176.699
#3	2689.697	3755.539	60295.67	9491.944	4172.597

Sample Name: K3122-17 Acquired: 06/10/2019 20:28:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0AU6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 77.71616	k -.045681	k .1701865	k -.191711	k .0464302	k 51.64487
Stddev	.09488	.002641	.0024855	.001871	.0028287	.13733
%RSD	.1220882	5.781789	1.460451	.9758506	6.092308	.2659060

#1	77.60678	k -.043052	k .1682971	k -.189809	k .0432384	k 51.48873
#2	77.77623	k -.045658	k .1692603	k -.191774	k .0474256	k 51.74690
#3	77.76548	k -.048334	k .1730021	k -.193549	k .0486267	k 51.69897

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5704049	.0096667	k .0132634	^ *****	k .0295964	.0347214
Stddev	.0021120	.0002604	.0001055	-----	.0007696	.0004630
%RSD	.3702722	2.694237	.7956098	-----	2.600218	1.333361

#1	.5679661	.0095202	k .0133821	^ -----	k .0295293	.0347102
#2	.5716272	.0095125	k .0131803	^ -----	k .0288625	.0342641
#3	.5716214	.0099674	k .0132277	^ -----	k .0303973	.0351898

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .3084018	k 573.6144	.7827852	17.44103	.0122507	k -.018306
Stddev	.0021160	1.8886	.0021854	.08538	.0007615	.000456
%RSD	.6861208	.3292467	.2791822	.4895548	6.215913	2.488208

#1	k .3101179	k 571.4656	.7804839	17.34996	.0113905	k -.018235
#2	k .3090500	k 574.3662	.7830392	17.45385	.0128385	k -.018793
#3	k .3060375	k 575.0113	.7848325	17.51927	.0125230	k -.017891

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k 3.573769	k .2901595	k .1465372	40.69533	kF 13.89658	kF -1.33572
Stddev	.405037	.0036266	.0013398	.18852	.02398	.00879
%RSD	11.33362	1.249847	.9143169	.4632385	.1725253	.6581096

#1	k 3.423843	k .2886006	k .1453380	40.59791	k 13.88475	k -1.32655
#2	k 3.265070	k .2875731	k .1479833	40.57546	k 13.88081	k -1.33654
#3	k 4.032395	k .2943049	k .1462903	40.91262	k 13.92417	k -1.34407

Sample Name: K3122-17 Acquired: 06/10/2019 20:28:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0AU6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1216297	91.54974	.9542928	.0063436	2.684177	.0347894
Stddev	.0004584	.19441	.0015752	.0018900	.002809	.0016764
%RSD	.3768855	.2123586	.1650589	29.79456	.1046462	4.818572

#1	.1215188	91.42674	.9529784	.0081136	2.682037	.0328591
#2	.1212370	91.44861	.9538612	.0065643	2.687357	.0358798
#3	.1221334	91.77387	.9560387	.0043529	2.683136	.0356292

Elem	Sr4077
Units	ppm
Avg	.1890535
Stddev	.0002556
%RSD	.1352032

#1	.1888093
#2	.1890319
#3	.1893191

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2672.045	3733.890	60222.69	9671.189	4020.665
Stddev	6.119	6.307	147.79	46.338	6.486
%RSD	.2289899	.1689210	.2453991	.4791355	.1613176

#1	2676.370	3726.691	60052.64	9724.289	4014.410
#2	2674.721	3736.535	60295.36	9650.336	4027.359
#3	2665.044	3738.445	60320.07	9638.941	4020.226

Sample Name: K3122-16 Acquired: 06/10/2019 20:24:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0AU5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 15.47410	.0283621	.2365734	.0074859	.2436001	15.54921
Stddev	.02002	.0005052	.0036801	.0051337	.0019660	.02066
%RSD	.1293594	1.781177	1.555574	68.57821	.8070625	.1329005

#1	15.46180	.0287535	.2365474	.0131669	.2437529	15.57284
#2	15.46330	.0277918	.2329063	.0031794	.2454853	15.54024
#3	15.49720	.0285411	.2402663	.0061114	.2415622	15.53454

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0875048	.0029306	-.000408	.6346609	-.004669	.0066589
Stddev	.0006471	.0000750	.000097	.0199152	.000493	.0001565
%RSD	.7395107	2.558136	23.65600	3.137923	10.55313	2.350687

#1	.0873854	.0028450	-.000328	.6136396	-.004132	.0065807
#2	.0882032	.0029624	-.000515	.6532457	-.005101	.0068391
#3	.0869256	.0029844	-.000381	.6370972	-.004774	.0065568

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1477151	112.6550	.1409107	2.119509	.0009008	.0718683
Stddev	.0008309	.2587	.0003356	.039262	.0000883	.0008120
%RSD	.5625138	.2296502	.2381966	1.852413	9.799166	1.129852

#1	.1471106	112.7519	.1412947	2.083510	.0008228	.0727504
#2	.1473721	112.8513	.1407644	2.113643	.0009966	.0711519
#3	.1486626	112.3618	.1406731	2.161374	.0008831	.0717027

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1404875	.0656702	.0488089	11.98606	2.671296	.0047028
Stddev	.3690642	.0009804	.0007509	.01977	.010942	.0026493
%RSD	262.7024	1.492943	1.538499	.1649011	.4095982	56.33409

#1	-.125422	.0662899	.0494917	11.96820	2.681074	.0035552
#2	-.014963	.0661807	.0480047	12.00730	2.659478	.0077323
#3	.561847	.0645398	.0489304	11.98269	2.673336	.0028207

Sample Name: K3122-16 Acquired: 06/10/2019 20:24:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0AU5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1510077	19.34830	1.311389	.0016430	.1560399	.0039892
Stddev	.0003481	.03068	.006365	.0011766	.0007541	.0016097
%RSD	.2305177	.1585688	.4853787	71.61039	.4832847	40.35076
#1	.1509999	19.37992	1.305296	.0029832	.1567111	.0030346
#2	.1513596	19.31866	1.317995	.0011658	.1561847	.0030854
#3	.1506635	19.34633	1.310874	.0007801	.1552239	.0058477

Elem	Sr4077
Units	ppm
Avg	.0734505
Stddev	.0001034
%RSD	.1407646
#1	.0735699
#2	.0733914
#3	.0733902

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2541.624	3586.140	57449.91	9084.372	4191.501
Stddev	12.015	2.342	360.09	59.364	5.622
%RSD	.4727329	.0653201	.6267970	.6534756	.1341389
#1	2527.932	3588.662	57053.81	9022.901	4189.464
#2	2546.530	3585.727	57757.49	9088.840	4197.858
#3	2550.409	3584.032	57538.42	9141.377	4187.180

Sample Name: K3122-18 Acquired: 06/10/2019 20:32:08 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0AU7 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.612653	.0248889	1.110826	-.066581	.0294902	70.76995	.8057862
Stddev	.010146	.0009496	.002891	.001788	.0023538	.11182	.0009583
%RSD	.6291517	3.815328	.2602720	2.685338	7.981628	.1580015	.1189250

#1	1.606048	.0244738	1.114156	-.064636	.0298486	70.72850	.8048513
#2	1.607574	.0259754	1.108955	-.066955	.0316442	70.68478	.8067663
#3	1.624335	.0242176	1.109367	-.068152	.0269777	70.89658	.8057410

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0126935	.0106013	30.90927	-.004117	.1527001	.6118564	356.3087
Stddev	.0001000	.0000456	.17954	.000968	.0004794	.0052910	.8805
%RSD	.7881524	.4304185	.5808473	23.50594	.3139685	.8647414	.2471196

#1	.0126687	.0106118	30.76532	-.003006	.1532288	.6058581	355.3074
#2	.0128037	.0106407	30.85204	-.004568	.1522937	.6158606	356.6568
#3	.0126082	.0105513	31.11044	-.004777	.1525778	.6138505	356.9620

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.947143	32.51146	.0489976	.0545515	.7396403	.2737491	1.731563
Stddev	.005582	.20457	.0006974	.0010900	.1224694	.0016616	.016665
%RSD	.2866892	.6292355	1.423283	1.998034	16.55797	.6069817	.9624047

#1	1.941392	32.27922	.0482718	.0533023	.7804693	.2732010	1.715661
#2	1.947495	32.59019	.0490587	.0553088	.6019718	.2724307	1.748898
#3	1.952540	32.66497	.0496625	.0550434	.8364798	.2756155	1.730130

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	44.11866	8.788064	.0099374	.0533940	34.54437	1.374953	.0004308
Stddev	.09337	.027269	.0042276	.0003179	.07825	.006893	.0009959
%RSD	.2116397	.3103002	42.54259	.5952891	.2265170	.5013241	231.1982

#1	44.01152	8.782087	.0095892	.0530796	34.48899	1.379079	.0001208
#2	44.16176	8.764280	.0143284	.0537152	34.51022	1.366995	-.000373
#3	44.18270	8.817827	.0058947	.0533872	34.63388	1.378784	.001545

Sample Name: K3122-18 Acquired: 06/10/2019 20:32:08 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0AU7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.400975	.0752523	1.698371
Stddev	.007603	.0019184	.000887
%RSD	.2235614	2.549257	.0522484

#1	3.395548	.0758434	1.697644
#2	3.397712	.0731080	1.699360
#3	3.409665	.0768056	1.698109

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2658.660	3726.154	59837.80	9599.787	3991.802
Stddev	15.828	4.073	169.69	51.815	4.256
%RSD	.5953280	.1092981	.2835805	.5397538	.1066260

#1	2664.749	3723.049	60006.66	9615.508	3987.030
#2	2640.692	3724.648	59667.30	9641.920	3993.170
#3	2670.539	3730.765	59839.44	9541.932	3995.206

Sample Name: K3122-19 Acquired: 06/10/2019 20:36:05 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0AU8 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3857685	.0085953	2.912570	-.038566	.0040877	83.12339	1.434349
Stddev	.0005892	.0011219	.006499	.004059	.0011393	.19359	.003753
%RSD	.1527315	13.05300	.2231289	10.52442	27.87168	.2329006	.2616185

#1	.3853686	.0075741	2.919540	-.033879	.0030860	82.94371	1.431746
#2	.3864451	.0097962	2.906677	-.040893	.0038499	83.09804	1.432652
#3	.3854917	.0084154	2.911493	-.040925	.0053271	83.32841	1.438651

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0057989	.0227344	23.56546	.0457601	.1019609	1.531589	191.4279
Stddev	.0001105	.0001514	.21473	.0008261	.0007810	.006375	.6438
%RSD	1.905935	.6658768	.9112161	1.805276	.7659848	.4162190	.3363279

#1	.0057220	.0228672	23.42306	.0466565	.1028419	1.524391	190.9255
#2	.0057492	.0225696	23.46087	.0450295	.1013536	1.533855	191.2046
#3	.0059256	.0227663	23.81245	.0455944	.1016871	1.536522	192.1537

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.47874	52.75182	.0718270	.0049063	.1147571	.3535316	6.090195
Stddev	.08976	.36772	.0004322	.0003175	.0830411	.0029686	.038797
%RSD	.5446915	.6970724	.6017855	6.472018	72.36253	.8397080	.6370394

#1	16.40694	52.53304	.0723258	.0045397	.1586901	.3553727	6.060107
#2	16.44991	52.54606	.0715922	.0050957	.1666028	.3501069	6.133983
#3	16.57937	53.17636	.0715629	.0050834	.0189783	.3551152	6.076495

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	38.49660	8.247027	.0120487	.0128370	1.500347	2.125663	.0956621
Stddev	.07955	.019713	.0019168	.0002425	.008282	.012015	.0002653
%RSD	.2066350	.2390322	15.90847	1.889391	.5520331	.5652549	.2773241

#1	38.58834	8.268591	.0142616	.0130716	1.503007	2.112363	.0953637
#2	38.45463	8.229933	.0109807	.0125872	1.506973	2.128888	.0957516
#3	38.44682	8.242555	.0109039	.0128522	1.491061	2.135736	.0958711

Sample Name: K3122-19 Acquired: 06/10/2019 20:36:05 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0AU8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	10.19183	.1311480	.1618413
Stddev	.02451	.0017909	.0003705
%RSD	.2404922	1.365528	.2289610

#1	10.17078	.1305049	.1616779
#2	10.18598	.1297675	.1622655
#3	10.21874	.1331716	.1615805

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2610.517	3670.875	58683.76	9520.266	4008.569
Stddev	1.988	8.634	117.84	51.497	4.205
%RSD	.0761653	.2352034	.2008082	.5409215	.1048884

#1	2612.368	3680.794	58656.68	9545.336	4004.463
#2	2608.415	3665.047	58812.79	9554.428	4012.866
#3	2610.768	3666.784	58581.82	9461.034	4008.378

Sample Name: K3122-20 Acquired: 06/10/2019 20:40:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0AU9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.280717	.0328877	11.63472	-.115309	.0100359	17.69478
Stddev	.004324	.0013491	.02676	.004559	.0021755	.08719
%RSD	.3376581	4.102003	.2300220	3.954080	21.67695	.4927445

#1	1.275930	.0324547	11.62184	-.119617	.0125392	17.62662
#2	1.284341	.0318084	11.61683	-.110534	.0089662	17.66469
#3	1.281880	.0344001	11.66548	-.115776	.0086025	17.79303

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3522646	.0093758	.0178201	204.7692	-.044256	.0328684
Stddev	.0022528	.0000731	.0002298	1.4906	.000443	.0000605
%RSD	.6395253	.7792186	1.289658	.7279304	1.001968	.1841604

#1	.3500845	.0093011	.0180772	203.7745	-.043748	.0328304
#2	.3521256	.0094471	.0177483	204.0501	-.044457	.0329382
#3	.3545837	.0093792	.0176347	206.4830	-.044563	.0328366

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2195348	590.6170	29.28004	4.574525	.0109501	.0528892
Stddev	.0026405	2.9240	.17395	.028870	.0002924	.0004470
%RSD	1.202760	.4950709	.5940989	.6310978	2.670526	.8452028

#1	.2192789	588.3023	29.15470	4.580080	.0112506	.0527628
#2	.2170315	589.6458	29.20679	4.543282	.0106664	.0525190
#3	.2222939	593.9031	29.47864	4.600214	.0109332	.0533858

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.471341	.2048658	6.440943	14.57563	8.773753	.0220693
Stddev	.104911	.0020589	.013353	.06454	.024719	.0093692
%RSD	22.25809	1.005021	.2073127	.4427711	.2817337	42.45358

#1	-.374683	.2045495	6.426023	14.51387	8.760571	.0165101
#2	-.582910	.2070646	6.445032	14.57039	8.758419	.0328866
#3	-.456429	.2029834	6.451773	14.64263	8.802269	.0168113

Sample Name: K3122-20 Acquired: 06/10/2019 20:40:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0AU9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0199437	F 195.4276	1.643579	.0023654	.1902328	.0067144
Stddev	.0005344	.5247	.007481	.0001901	.0012134	.0005812
%RSD	2.679741	.2684632	.4551809	8.036805	.6378248	8.655873
#1	.0193372	195.1984	1.642626	.0021492	.1888373	.0068139
#2	.0201483	195.0566	1.636620	.0024410	.1908229	.0060899
#3	.0203456	196.0279	1.651491	.0025062	.1910383	.0072395

Elem	Sr4077
Units	ppm
Avg	.1354893
Stddev	.0004129
%RSD	.3047821
#1	.1350257
#2	.1356244
#3	.1358178

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2484.566	3483.464	56499.74	9055.357	3925.227
Stddev	15.303	5.394	91.53	83.726	6.775
%RSD	.6159273	.1548360	.1620019	.9246074	.1725890
#1	2487.754	3487.240	56463.45	9062.121	3929.503
#2	2498.024	3485.866	56603.85	9135.497	3928.761
#3	2467.920	3477.287	56431.92	8968.454	3917.416

Sample Name: K3122-21 Acquired: 06/10/2019 20:44:00 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0AV0 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.221212	.0130372	.3251582	-.031496	.0582083	27.57642	.3875618
Stddev	.007727	.0017115	.0016666	.004721	.0006012	.18417	.0024996
%RSD	.1241965	13.12762	.5125609	14.98980	1.032907	.6678485	.6449589

#1	6.226500	.0141664	.3266108	-.028266	.0582139	27.70053	.3898651
#2	6.224792	.0138770	.3233387	-.036914	.0576043	27.36481	.3849038
#3	6.212345	.0110680	.3255251	-.029307	.0588067	27.66392	.3879166

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0055283	.0246255	10.02325	.0141698	.0745826	1.210769	149.7591
Stddev	.0001341	.0000121	.04005	.0002468	.0003809	.009385	.7615
%RSD	2.425979	.0491782	.3996136	1.741953	.5106483	.7751630	.5084721

#1	.0056655	.0246344	10.03948	.0144272	.0743485	1.211814	150.2708
#2	.0055217	.0246117	9.97763	.0139351	.0743773	1.200904	148.8840
#3	.0053976	.0246304	10.05264	.0141471	.0750221	1.219588	150.1225

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.233452	6.818796	.0285753	.0021725	-.192564	.1890977	.6546045
Stddev	.011583	.036953	.0002814	.0001693	.218147	.0017647	.0086600
%RSD	.5185979	.5419273	.9849532	7.793125	113.2855	.9332002	1.322937

#1	2.244843	6.829952	.0287243	.0022845	.002811	.1870626	.6480925
#2	2.221687	6.777550	.0287510	.0022553	-.152558	.1900278	.6512886
#3	2.233827	6.848885	.0282507	.0019778	-.427945	.1902028	.6644325

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.58269	4.747785	.0068821	.0346822	2.471718	1.396273	.0046568
Stddev	.04304	.018877	.0010495	.0002650	.008576	.015212	.0011537
%RSD	.3420883	.3976052	15.24940	.7641520	.3469482	1.089480	24.77510

#1	12.63158	4.730740	.0060751	.0345516	2.461994	1.413803	.0058758
#2	12.55049	4.768074	.0065028	.0345078	2.474964	1.386545	.0045129
#3	12.56601	4.744541	.0080685	.0349872	2.478197	1.388470	.0035818

Sample Name: K3122-21 Acquired: 06/10/2019 20:44:00 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0AV0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1381529	.0205682	.1077527
Stddev	.0012995	.0007063	.0005229
%RSD	.9406503	3.434026	.4852935

#1	.1387249	.0212920	.1079912
#2	.1366655	.0198808	.1071531
#3	.1390683	.0205317	.1081139

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2762.445	3874.781	62131.54	9926.713	4151.226
Stddev	11.596	14.134	51.43	65.080	8.441
%RSD	.4197802	.3647760	.0827767	.6556080	.2033327

#1	2769.693	3863.101	62158.98	9851.579	4148.237
#2	2768.571	3870.750	62163.44	9963.017	4144.686
#3	2749.070	3890.493	62072.21	9965.543	4160.755

Sample Name: CCV074 Acquired: 06/10/2019 20:52:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV074 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.981185	4.894951	24.64704	4.935237	5.107680	403.6337	10.39035
Stddev	.013778	.013078	.06649	.031123	.021466	7.0927	.06195
%RSD	.2765922	.2671781	.2697635	.6306225	.4202727	1.757209	.5962325

#1	4.996426	4.902231	24.63299	4.957243	5.125228	411.8233	10.45352
#2	4.977513	4.902768	24.71943	4.948839	5.114066	399.4801	10.32970
#3	4.969615	4.879852	24.58870	4.899629	5.083745	399.5976	10.38784

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5049618	2.484765	405.4213	15.24662	2.513266	15.30598	415.5273
Stddev	.0034528	.007874	2.4366	.02149	.005655	.03728	2.4805
%RSD	.6837850	.3168786	.6010055	.1409457	.2250018	.2435469	.5969619

#1	.5089105	2.485974	408.1829	15.27031	2.514940	15.32512	418.0171
#2	.5034646	2.491965	403.5743	15.22838	2.517895	15.26302	413.0561
#3	.5025102	2.476357	404.5068	15.24118	2.506963	15.32980	415.5086

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.06212	407.4202	2.542658	1.280787	410.3187	2.575777	15.00456
Stddev	.10351	2.4264	.007226	.004340	2.0752	.014669	.06983
%RSD	.6872082	.5955607	.2841891	.3388266	.5057430	.5695102	.4654170

#1	15.17637	409.7645	2.542369	1.285699	412.5419	2.592693	15.04597
#2	14.97459	404.9192	2.550024	1.277474	408.4330	2.568084	14.92394
#3	15.03540	407.5769	2.535581	1.279189	409.9810	2.566555	15.04379

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	155.1599	5.002501	5.001822	5.083345	4.897276	4.982676	5.174125
Stddev	.6251	.018173	.039170	.022791	.023503	.025197	.018115
%RSD	.4028845	.3632788	.7831162	.4483385	.4799146	.5056827	.3501092

#1	155.7425	4.992515	5.046365	5.097964	4.910846	5.010663	5.166637
#2	154.4996	5.023478	4.986346	5.094987	4.910844	4.975564	5.194783
#3	155.2377	4.991512	4.972754	5.057085	4.870137	4.961799	5.160954

Sample Name: CCV074 Acquired: 06/10/2019 20:52:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV074 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.047844	5.101823	5.024749
Stddev	.016376	.038347	.037587
%RSD	.3244186	.7516316	.7480414

#1	5.066716	5.139903	5.034380
#2	5.039440	5.063214	4.983284
#3	5.037376	5.102351	5.056584

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2162.989	3045.089	50204.70	8432.130	3427.044
Stddev	12.366	8.639	189.39	65.343	6.506
%RSD	.5717020	.2837053	.3772294	.7749324	.1898337

#1	2148.752	3038.813	49995.48	8356.793	3428.734
#2	2171.050	3041.513	50364.42	8466.197	3419.860
#3	2169.165	3054.942	50254.20	8473.400	3432.538

Sample Name: K3122-22 Acquired: 06/10/2019 20:48:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0AV1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.530887	.0070587	.1783289	-.020954	.0297957	48.75376	.7881539
Stddev	.007311	.0017884	.0026479	.003494	.0011122	.06657	.0008700
%RSD	.4775504	25.33651	1.484818	16.67297	3.732668	.1365451	.1103791

#1	1.537719	.0088486	.1801962	-.019908	.0288722	48.69745	.7885618
#2	1.531763	.0070559	.1752986	-.018102	.0310303	48.82723	.7871550
#3	1.523177	.0052717	.1794920	-.024851	.0294846	48.73661	.7887451

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0046604	.0039330	7.784842	.0267604	.0336321	.3535936	89.30482
Stddev	.0000402	.0002508	.010806	.0002285	.0002501	.0010621	.06080
%RSD	.8618401	6.376982	.1388124	.8537094	.7435170	.3003801	.0680826

#1	.0046728	.0037864	7.795221	.0266786	.0334596	.3525639	89.26273
#2	.0046928	.0042226	7.785651	.0270185	.0335178	.3535314	89.27721
#3	.0046155	.0037901	7.773654	.0265841	.0339189	.3546854	89.37453

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.743435	9.471350	.0343064	-.004296	.1682784	.1286870	.3117563
Stddev	.004060	.050078	.0003050	.000149	.1632084	.0018197	.0033649
%RSD	.1479749	.5287367	.8890308	3.474087	96.98716	1.414040	1.079349

#1	2.742417	9.461214	.0346295	-.004379	.3374104	.1291289	.3150653
#2	2.747906	9.427114	.0340235	-.004385	.0117209	.1266871	.3083380
#3	2.739981	9.525720	.0342663	-.004124	.1557039	.1302451	.3118655

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.26052	2.198631	.0020451	.0261923	.9530840	2.103699	.0004946
Stddev	.03196	.007242	.0006262	.0003334	.0093915	.013788	.0003512
%RSD	.3114779	.3293702	30.61723	1.272838	.9853809	.6554364	71.00542

#1	10.23108	2.197264	.0016584	.0264214	.9476695	2.119575	.0008570
#2	10.25598	2.192170	.0017094	.0258098	.9639284	2.094718	.0001558
#3	10.29451	2.206459	.0027676	.0263458	.9476542	2.096805	.0004710

Sample Name: K3122-22 Acquired: 06/10/2019 20:48:01 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0AV1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.091475	.0487475	.1064553
Stddev	.002639	.0012019	.0002373
%RSD	.1261948	2.465596	.2229025

#1	2.088806	.0494797	.1061905
#2	2.094084	.0473604	.1066488
#3	2.091534	.0494025	.1065265

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2759.506	3880.691	61908.06	9867.193	4145.962
Stddev	5.245	2.907	129.89	19.503	3.567
%RSD	.1900791	.0749063	.2098129	.1976528	.0860473

#1	2754.900	3877.543	61831.63	9849.656	4144.861
#2	2758.402	3883.274	62058.03	9888.197	4149.951
#3	2765.215	3881.256	61834.50	9863.726	4143.076

Sample Name: CCB074 Acquired: 06/10/2019 20:56:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCB074 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020240	.0018999	-.002526	-.003998	-.000295	-.005068	.0005777
Stddev	.0016036	.0026419	.001497	.000958	.002152	.010930	.0001531
%RSD	79.22778	139.0515	59.24147	23.97569	728.5979	215.6421	26.49818

#1	.0014381	.0022425	-.001038	-.003330	.002089	-.004686	.0006078
#2	.0038381	.0043538	-.002510	-.005096	-.002096	-.016184	.0007134
#3	.0007958	-.000897	-.004031	-.003567	-.000879	.005665	.0004118

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000636	-.000003	.0025210	.0004480	.0005262	.0024213	.0087791
Stddev	.0000367	.000015	.0043698	.0002360	.0003807	.0016343	.0069315
%RSD	57.73235	475.2798	173.3398	52.68370	72.34213	67.49572	78.95501

#1	.0000636	-.000008	-.001892	.0006337	.0000943	.0005342	.0135580
#2	.0000269	-.000015	.002609	.0005280	.0008129	.0033697	.0119500
#3	.0001004	.000014	.006846	.0001824	.0006716	.0033599	.0008293

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005240	.0136743	.0006437	-.000071	.2588928	-.000921	-.007666
Stddev	.0002966	.0108004	.0002054	.000040	.2115143	.002479	.000717
%RSD	56.61251	78.98339	31.90088	56.42563	81.69957	269.0364	9.357691

#1	.0008517	.0017305	.0006760	-.000043	.0191400	.001450	-.006924
#2	.0004464	.0165382	.0004242	-.000117	.3384301	-.000719	-.007718
#3	.0002739	.0227540	.0008310	-.000054	.4191083	-.003495	-.008356

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0219877	.0018730	.0016504	.0000459	-.010384	.0038646	-.000946
Stddev	.0383553	.0010375	.0002864	.0001030	.003752	.0004879	.001017
%RSD	174.4398	55.39093	17.35242	224.6479	36.13636	12.62400	107.4737

#1	.0632844	.0009379	.0013261	-.000062	-.014703	.0033015	-.001523
#2	.0151980	.0016921	.0017567	.000143	-.008525	.0041614	-.001543
#3	-.012519	.0029890	.0018684	.000057	-.007924	.0041309	.000228

Sample Name: CCB074 Acquired: 06/10/2019 20:56:08 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v905) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCB074 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0006354	.0049220	.0000867
Stddev	.0022685	.0004656	.0000044
%RSD	356.9962	9.459932	5.119760

#1	-.000086	.0054468	.0000849
#2	-.001185	.0047609	.0000834
#3	.003177	.0045584	.0000917

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2496.294	3504.665	55561.13	8819.940	4262.349
Stddev	13.189	4.631	165.12	39.468	4.813
%RSD	.5283444	.1321297	.2971903	.4474890	.1129290

#1	2486.020	3503.342	55388.00	8784.013	4257.320
#2	2491.695	3500.840	55578.50	8862.187	4262.812
#3	2511.167	3509.813	55716.87	8813.619	4266.914