

Sample Name: S0 Acquired: 05/22/2019 10:10:39 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) 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	-.00019	-.00068	.00002	.00041	.00083	.00504	.00733	-.00163
Stddev	.00004	.00006	.00009	.00013	.00013	.00011	.00171	.00011
%RSD	18.832	9.1915	556.94	31.350	16.128	2.1690	23.362	6.6732

#1	-.00023	-.00073	.00005	.00046	.00068	.00492	.00661	-.00153
#2	-.00016	-.00061	-.00009	.00027	.00089	.00511	.00928	-.00161
#3	-.00018	-.00070	.00009	.00052	.00092	.00510	.00609	-.00175

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	.00020	.00035	.00006	.00018	.00302	.00257	.00182	-.00019
Stddev	.00020	.00024	.00003	.00016	.00038	.00015	.00030	.00024
%RSD	102.19	67.872	61.348	88.253	12.501	5.6905	16.205	130.77

#1	.00043	.00025	.00007	.00029	.00308	.00256	.00207	.00002
#2	.00008	.00063	.00002	-.00000	.00337	.00272	.00190	-.00012
#3	.00008	.00018	.00008	.00026	.00262	.00243	.00150	-.00046

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	-.00098	-.00085	-.00298	.00030	.00044	.02017	-.00120	.00110
Stddev	.00023	.00007	.00121	.00018	.00042	.00093	.00006	.00024
%RSD	23.432	8.0667	40.709	60.785	95.400	4.6243	5.2677	21.689

#1	-.00122	-.00093	-.00212	.00048	.00033	.01971	-.00114	.00082
#2	-.00097	-.00080	-.00245	.00029	.00008	.01956	-.00119	.00123
#3	-.00076	-.00082	-.00436	.00012	.00090	.02124	-.00127	.00124

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	.00048	.00016	.00839	.00054	.00192	.00801	-.00102	
Stddev	.00017	.00005	.00039	.00005	.00052	.00178	.00028	
%RSD	34.837	28.482	4.6498	10.045	27.178	22.292	27.204	

#1	.00053	.00017	.00872	.00052	.00190	.00597	-.00101	
#2	.00030	.00011	.00796	.00050	.00245	.00875	-.00129	
#3	.00063	.00021	.00850	.00061	.00141	.00930	-.00074	

Sample Name: S0 Acquired: 05/22/2019 10:10:39 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) 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	3247.3	4284.4	65166.	9164.2	4888.2
Stddev	11.7	13.4	529.	24.7	6.7
%RSD	.36056	.31342	.81107	.26957	.13625
#1	3241.0	4290.3	65538.	9149.6	4888.1
#2	3240.2	4293.9	65398.	9150.1	4895.0
#3	3260.9	4269.1	64561.	9192.7	4881.7

Sample Name: S1 Acquired: 05/22/2019 10:14:46 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) 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	.00023	.00069	.00189	.00212	.00846	.02212	.59140	.02523
Stddev	.00014	.00008	.00027	.00010	.00018	.00078	.00427	.00058
%RSD	59.979	12.220	14.435	4.6077	2.1843	3.5348	.72178	2.3166
#1	.00033	.00065	.00197	.00223	.00861	.02165	.58677	.02493
#2	.00007	.00064	.00159	.00209	.00852	.02302	.59518	.02485
#3	.00028	.00079	.00212	.00204	.00826	.02168	.59225	.02590
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	.01195	.30859	.00174	.03000	.00808	.00520	.01266	.05605
Stddev	.00009	.00193	.00004	.00007	.00059	.00030	.00026	.00026
%RSD	.75592	.62537	2.4179	.21998	7.3382	5.8361	2.0749	.46945
#1	.01187	.30646	.00178	.02999	.00774	.00496	.01258	.05575
#2	.01193	.31023	.00174	.02994	.00876	.00510	.01295	.05613
#3	.01205	.30909	.00170	.03007	.00773	.00554	.01244	.05625
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	.02305	.00151	.01900	.00740	.01658	.10889	-.00089	.00441
Stddev	.00017	.00010	.00059	.00008	.00060	.00124	.00002	.00046
%RSD	.73574	6.5274	3.0975	1.0511	3.6089	1.1417	1.8721	10.349
#1	.02324	.00156	.01928	.00742	.01592	.11024	-.00087	.00456
#2	.02292	.00158	.01939	.00732	.01672	.10862	-.00088	.00477
#3	.02298	.00140	.01832	.00747	.01709	.10780	-.00090	.00389
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	.00493	.00208	.04635	.00109	.05063	.03629	.70716	
Stddev	.00006	.00013	.00001	.00008	.00071	.00107	.00040	
%RSD	1.2985	6.1584	.01639	7.2287	1.4040	2.9393	.05704	
#1	.00499	.00194	.04634	.00116	.04984	.03606	.70705	
#2	.00492	.00212	.04636	.00100	.05122	.03536	.70682	
#3	.00487	.00218	.04636	.00110	.05082	.03746	.70760	

Sample Name: S1 Acquired: 05/22/2019 10:14:46 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) 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	3276.6	4299.4	65687.	9142.3	4991.8
Stddev	27.9	2.6	392.	17.1	8.8
%RSD	.85288	.06163	.59639	.18744	.17650
#1	3263.4	4299.2	65437.	9161.0	5000.6
#2	3257.8	4296.8	65485.	9127.3	4983.0
#3	3308.7	4302.1	66139.	9138.7	4991.8

Sample Name: S2 Acquired: 05/22/2019 10:18:51 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) 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	.04484	.07380	1.1388	.05661	.15575	3.1560	6.8866	.63049
Stddev	.00008	.00048	.0013	.00021	.00020	.0138	.0817	.00254
%RSD	.17356	.65126	.11543	.36261	.13045	.43632	1.1865	.40260

#1	.04482	.07417	1.1385	.05645	.15558	3.1675	6.9237	.63327
#2	.04492	.07326	1.1376	.05653	.15571	3.1597	6.9432	.62993
#3	.04477	.07397	1.1402	.05684	.15598	3.1407	6.7929	.62829

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	1.3325	3.4774	.57018	.35416	.71692	1.0820	2.5195	.64140
Stddev	.0003	.0438	.00073	.00058	.00282	.0113	.0257	.00603
%RSD	.02240	1.2584	.12804	.16282	.39350	1.0412	1.0195	.93991

#1	1.3328	3.4899	.57102	.35431	.71956	1.0884	2.5292	.64445
#2	1.3326	3.5135	.56976	.35353	.71725	1.0887	2.5390	.64528
#3	1.3322	3.4287	.56974	.35465	.71395	1.0690	2.4904	.63445

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	.34236	.06502	.15388	.07985	.95554	.66577	.04127	.44523
Stddev	.00084	.00065	.00041	.00088	.00410	.00171	.00016	.00210
%RSD	.24497	1.0031	.26813	1.0960	.42888	.25718	.37872	.47265

#1	.34318	.06547	.15361	.08059	.95552	.66773	.04109	.44700
#2	.34151	.06532	.15436	.08007	.95964	.66502	.04139	.44579
#3	.34239	.06427	.15367	.07889	.95144	.66456	.04133	.44290

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	.53337	.02243	.49802	.12094	.57133	.70822	8.2446
Stddev	.00127	.00008	.00185	.00027	.00209	.00694	.0122
%RSD	.23828	.35816	.37218	.21952	.36669	.97950	.14819

#1	.53247	.02252	.49901	.12110	.57357	.71122	8.2553
#2	.53283	.02243	.49917	.12109	.57100	.71314	8.2313
#3	.53483	.02235	.49588	.12064	.56942	.70028	8.2472

Sample Name: S2 Acquired: 05/22/2019 10:18:51 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) 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	3177.9	4156.6	64739.	9127.7	4810.9
Stddev	21.3	6.3	428.	51.0	4.8
%RSD	.66971	.15276	.66139	.55826	.10064
#1	3189.7	4163.9	64526.	9123.0	4809.0
#2	3153.4	4152.3	64460.	9079.2	4807.3
#3	3190.7	4153.6	65232.	9180.8	4816.4

Sample Name: S3 Acquired: 05/22/2019 10:22:42 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) 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	.09145	.14982	2.3112	.11224	.31243	6.3555	13.992	1.2510
Stddev	.00039	.00035	.0056	.00047	.00041	.0253	.167	.0200
%RSD	.42273	.23285	.24336	.41830	.13087	.39862	1.1938	1.5993

#1	.09101	.14948	2.3053	.11182	.31218	6.3282	13.842	1.2422
#2	.09174	.14980	2.3118	.11215	.31220	6.3782	14.172	1.2739
#3	.09161	.15018	2.3165	.11275	.31290	6.3602	13.962	1.2370

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	2.6738	7.0909	1.1304	.71565	1.4190	2.1584	5.0641	1.2936
Stddev	.0056	.0799	.0010	.00200	.0029	.0163	.0563	.0116
%RSD	.21119	1.1266	.08795	.27936	.20510	.75608	1.1126	.89296

#1	2.6684	7.0106	1.1296	.71403	1.4167	2.1418	5.0127	1.2831
#2	2.6734	7.1704	1.1300	.71505	1.4180	2.1745	5.1244	1.3060
#3	2.6797	7.0916	1.1315	.71789	1.4223	2.1589	5.0554	1.2916

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	.68854	.13391	.30905	.15894	1.9329	1.3294	.08554	.90916
Stddev	.00132	.00055	.00101	.00075	.0264	.0057	.00022	.01226
%RSD	.19220	.40944	.32789	.46902	1.3652	.42624	.25202	1.3486

#1	.68709	.13327	.30834	.15812	1.9384	1.3250	.08534	.90106
#2	.68883	.13421	.31021	.15958	1.9043	1.3358	.08577	.92326
#3	.68969	.13424	.30860	.15912	1.9562	1.3274	.08550	.90314

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	1.0751	.04616	.96811	.24375	1.1504	1.4393	16.612
Stddev	.0028	.00022	.01251	.00039	.0047	.0241	.035
%RSD	.26407	.48354	1.2926	.15933	.41295	1.6752	.21161

#1	1.0747	.04590	.96053	.24345	1.1450	1.4213	16.583
#2	1.0724	.04630	.98255	.24360	1.1528	1.4667	16.651
#3	1.0781	.04627	.96124	.24419	1.1535	1.4299	16.602

Sample Name: S3 Acquired: 05/22/2019 10:22:42 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) 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	3095.7	4068.3	63810.	9048.4	4661.7
Stddev	12.6	5.3	167.	93.7	8.9
%RSD	.40541	.13128	.26125	1.0353	.19148
#1	3089.3	4070.7	63764.	9099.7	4672.0
#2	3110.2	4072.0	63995.	8940.3	4656.7
#3	3087.7	4062.2	63671.	9105.3	4656.3

Sample Name: S4 Acquired: 05/22/2019 10:26:30 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) 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	.18672	.30332	4.7788	.22307	.63316	12.998	28.730	2.4825
Stddev	.00043	.00025	.0032	.00044	.00185	.048	.111	.0106
%RSD	.23251	.08284	.06585	.19927	.29268	.36759	.38598	.42723

#1	.18719	.30341	4.7820	.22346	.63530	13.020	28.692	2.4802
#2	.18634	.30351	4.7787	.22315	.63211	12.943	28.642	2.4732
#3	.18662	.30304	4.7757	.22259	.63207	13.031	28.854	2.4941

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	5.3958	14.589	2.2465	1.4575	2.8417	4.3582	10.343	2.6574
Stddev	.0055	.068	.0015	.0005	.0041	.0183	.044	.0124
%RSD	.10155	.46797	.06817	.03423	.14404	.42085	.42514	.46654

#1	5.4015	14.534	2.2475	1.4580	2.8369	4.3493	10.305	2.6505
#2	5.3906	14.566	2.2447	1.4574	2.8441	4.3460	10.332	2.6501
#3	5.3952	14.665	2.2473	1.4570	2.8440	4.3793	10.391	2.6717

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	1.3930	.28293	.62452	.31850	4.0703	2.7063	.17891	1.8523
Stddev	.0011	.00092	.00255	.00150	.0025	.0050	.00017	.0100
%RSD	.08026	.32635	.40846	.47050	.06085	.18518	.09455	.53986

#1	1.3937	.28370	.62602	.31953	4.0680	2.7030	.17903	1.8566
#2	1.3936	.28191	.62158	.31678	4.0729	2.7120	.17872	1.8409
#3	1.3917	.28319	.62596	.31918	4.0699	2.7037	.17898	1.8594

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	2.1944	.09577	1.9198	.49441	2.3298	2.9868	33.148
Stddev	.0057	.00029	.0088	.00083	.0094	.0172	.254
%RSD	.25964	.29879	.45773	.16742	.40247	.57561	.76590

#1	2.2010	.09590	1.9236	.49450	2.3316	2.9786	33.096
#2	2.1907	.09596	1.9098	.49519	2.3197	2.9751	32.924
#3	2.1915	.09544	1.9261	.49355	2.3382	3.0065	33.424

Sample Name: S4 Acquired: 05/22/2019 10:26:30 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) 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	2929.0	3873.4	61707.	8970.1	4387.5
Stddev	9.5	13.5	88.	27.7	6.9
%RSD	.32434	.34727	.14300	.30900	.15753
#1	2927.0	3858.3	61797.	8991.4	4380.4
#2	2920.7	3877.9	61702.	8980.2	4388.0
#3	2939.4	3884.0	61621.	8938.7	4394.2

Sample Name: S5 Acquired: 05/22/2019 10:30:24 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) 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	.37917	.59379	9.5509	.43477	1.2869	26.414	57.090	4.9167
Stddev	.00053	.00158	.0031	.00114	.0026	.063	.727	.0319
%RSD	.14005	.26541	.03223	.26265	.20501	.23911	1.2729	.64829

#1	.37857	.59427	9.5476	.43360	1.2839	26.475	57.728	4.9430
#2	.37937	.59507	9.5536	.43588	1.2882	26.418	57.242	4.9259
#3	.37958	.59203	9.5516	.43485	1.2887	26.349	56.299	4.8812

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	10.631	29.077	4.3494	2.9190	5.6284	8.5490	20.422	5.3578
Stddev	.007	.363	.0103	.0017	.0068	.0629	.250	.0394
%RSD	.06779	1.2500	.23745	.05684	.12128	.73617	1.2248	.73494

#1	10.633	29.447	4.3596	2.9187	5.6360	8.6170	20.685	5.4005
#2	10.623	29.063	4.3390	2.9175	5.6265	8.5371	20.393	5.3501
#3	10.636	28.720	4.3497	2.9208	5.6228	8.4928	20.187	5.3229

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	2.7703	.57336	1.2660	.62992	8.2923	5.4786	.36344	3.6639
Stddev	.0034	.00154	.0055	.00198	.0301	.0132	.00071	.0293
%RSD	.12150	.26939	.43745	.31496	.36299	.24152	.19430	.79897

#1	2.7714	.57513	1.2695	.63095	8.3049	5.4924	.36334	3.6914
#2	2.7665	.57262	1.2689	.63118	8.2580	5.4661	.36419	3.6672
#3	2.7730	.57232	1.2597	.62763	8.3141	5.4772	.36279	3.6332

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	4.4720	.19545	3.7371	.99034	4.6301	6.2231	65.588
Stddev	.0053	.00027	.0258	.00152	.0316	.0661	.715
%RSD	.11881	.14050	.69053	.15379	.68255	1.0615	1.0895

#1	4.4660	.19556	3.7603	.99086	4.6620	6.2887	65.640
#2	4.4759	.19565	3.7417	.98863	4.6296	6.2240	66.275
#3	4.4742	.19513	3.7093	.99154	4.5988	6.1566	64.849

Sample Name: S5 Acquired: 05/22/2019 10:30:24 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) 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	2686.6	3552.4	59160.	8597.1	4029.6
Stddev	8.1	8.7	271.	62.1	5.5
%RSD	.30101	.24412	.45816	.72181	.13645
#1	2687.9	3562.1	58883.	8530.8	4034.2
#2	2694.0	3549.8	59425.	8606.6	4031.3
#3	2678.0	3545.3	59172.	8653.8	4023.5

Sample Name: S6 Acquired: 05/22/2019 10:34:26 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) 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	71.166	48.143	23.902	9.0102	3.6615
Stddev	.427	.238	.030	.0185	.0166
%RSD	.59975	.49422	.12651	.20514	.45222

#1	71.536	48.159	23.925	9.0252	3.6745
#2	71.264	48.373	23.868	8.9895	3.6429
#3	70.699	47.898	23.914	9.0157	3.6672

Int. Std.	Y_3710
Units	Cts/S
Avg	8385.3
Stddev	60.9
%RSD	.72676

#1	8315.9
#2	8409.9
#3	8430.1

Sample Name: ICB Acquired: 05/22/2019 11:10:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) 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	.0013366	-.001690	-.001450	.0012349	.0002830	-.011283	.0002024
Stddev	.0038088	.000533	.002182	.0016608	.0014335	.006864	.0008479
%RSD	284.9564	31.55533	150.5513	134.4920	506.5799	60.83655	418.8649

#1	.0000223	-.001075	-.000190	.0005157	.0005770	-.004769	.0011745
#2	.0056285	-.001974	-.003969	.0000548	-.001275	-.018450	-.000385
#3	-.001641	-.002020	-.000189	.0031341	.001547	-.010630	-.000182

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000106	.0000323	.0024147	.0006239	.0001270	-.000441	-.006743
Stddev	.000057	.0000510	.0084115	.0004165	.0000412	.001841	.005587
%RSD	53.80037	157.7551	348.3400	66.76267	32.42077	417.0275	82.86496

#1	-.000154	.0000670	.0120849	.0002835	.0001573	.001468	-.010724
#2	-.000043	-.000026	-.003208	.0010884	.0001435	-.002205	-.009149
#3	-.000121	.000056	-.001633	.0004998	.0000801	-.000586	-.000355

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000440	.0316705	-.000632	.0000413	-.290979	.0013287	-.000478
Stddev	.000257	.0034642	.000112	.0002587	.111818	.0031574	.000625
%RSD	58.27963	10.93833	17.77358	625.8448	38.42804	237.6230	130.5779

#1	-.000698	.0331475	-.000739	-.000257	-.379808	.0049744	-.000983
#2	-.000437	.0277125	-.000515	.000194	-.165415	-.000467	-.000673
#3	-.000185	.0341513	-.000643	.000187	-.327714	-.000522	.000220

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.136041	-.002933	-.000956	.0001241	.0008349	-.004287	.0003789
Stddev	.031598	.001835	.001144	.0001973	.0033568	.000088	.0010460
%RSD	23.22709	62.56217	119.7313	159.0514	402.0809	2.055810	276.0622

#1	-.105496	-.001238	.000340	.0001487	-.000835	-.004367	.0009761
#2	-.134030	-.004882	-.001379	.0003078	-.001360	-.004303	-.000829
#3	-.168597	-.002680	-.001828	-.000084	.004699	-.004192	.000990

Sample Name: ICB Acquired: 05/22/2019 11:10:49 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) 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	.0012398	-.002863	.0000450
Stddev	.0002915	.001583	.0001067
%RSD	23.51264	55.29848	237.1727

#1	.0012762	-.004531	-.000031
#2	.0009318	-.001383	.000167
#3	.0015115	-.002674	-.000001

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3220.490	4288.502	64426.71	9085.215	4934.083
Stddev	10.547	7.338	251.68	39.656	6.683
%RSD	.3274864	.1711077	.3906514	.4364880	.1354507

#1	3217.338	4291.435	64147.24	9058.150	4939.933
#2	3232.253	4293.920	64635.47	9066.760	4935.516
#3	3211.878	4280.151	64497.43	9130.735	4926.799

Sample Name: ICSA Acquired: 05/22/2019 11:25:01 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) 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	.0005501	.0052247	.0014161	-.015553	-.000266	245.1586
Stddev	.0037893	.0022925	.0023491	.004194	.002121	.3765
%RSD	688.7860	43.87819	165.8826	26.96293	797.6646	.1535582

#1	-.001206	.0030430	.0032634	-.012036	.000500	244.8674
#2	-.002043	.0050171	-.001228	-.014429	.001366	245.0246
#3	.004899	.0076139	.002213	-.020195	-.002664	245.5837

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065652	.0010825	.0005508	266.4629	.0495358	.0003377
Stddev	.0004620	.0001158	.0000567	.1212	.0004745	.0001185
%RSD	7.037484	10.69930	10.28447	.0454790	.9578591	35.09043

#1	.0070958	.0011069	.0005313	266.5918	.0490523	.0003448
#2	.0063483	.0009564	.0005065	266.3512	.0495543	.0004526
#3	.0062516	.0011841	.0006146	266.4458	.0500007	.0002159

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001774	108.8029	.0136997	269.6785	-.002266	-.004545
Stddev	.001397	.1513	.0001784	.7818	.000328	.000682
%RSD	78.74857	.1390162	1.302334	.2898888	14.46794	15.01398

#1	-.003150	108.6661	.0136874	269.1274	-.002277	-.005074
#2	-.001815	108.7773	.0135278	269.3348	-.002588	-.004787
#3	-.000357	108.9653	.0138840	270.5732	-.001932	-.003775

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.582935	.0023665	-.001831	-.266320	F .0043553	F .1326827
Stddev	.132219	.0014773	.001858	.060108	.0020251	.0009304
%RSD	22.68166	62.42359	101.4679	22.56975	46.49825	.7012039

#1	-.433197	.0025463	.000155	-.333557	.0066897	.1330495
#2	-.632000	.0037457	-.002122	-.217791	.0030697	.1316248
#3	-.683608	.0008076	-.003527	-.247611	.0033064	.1333737

Sample Name: ICSA Acquired: 05/22/2019 11:25:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) 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	-.000578	F .0016810	F -.006694	-.003275	F -.000715	W -.002478
Stddev	.000384	.0070556	.001842	.000236	.000653	.002171
%RSD	66.50527	419.7149	27.51367	7.211134	91.24826	87.59532
#1	-.000143	-.006405	-.006945	-.003395	-.000044	-.001137
#2	-.000719	.004865	-.008398	-.003003	-.001348	-.001315
#3	-.000871	.006584	-.004740	-.003427	-.000755	-.004983

Elem	Sr4077
Units	ppm
Avg	F .1074136
Stddev	.0000993
%RSD	.0924074
#1	.1074621
#2	.1072994
#3	.1074794

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3039.819	4047.088	61407.25	8911.165	4515.640
Stddev	9.245	7.599	114.24	41.105	6.332
%RSD	.3041152	.1877763	.1860425	.4612707	.1402242
#1	3049.750	4052.331	61439.38	8863.792	4522.488
#2	3031.464	4038.372	61280.38	8937.391	4509.996
#3	3038.242	4050.560	61501.99	8932.312	4514.438

Sample Name: ICSAB Acquired: 05/22/2019 11:29:06 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) 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	.1015024	.1175812	.0543409	.0461854	.6396466	243.3668
Stddev	.0039276	.0046725	.0015639	.0013971	.0013177	.5900
%RSD	3.869450	3.973854	2.878006	3.024926	.2060103	.2424142

#1	.0981597	.1190363	.0526963	.0456499	.6410547	243.1489
#2	.1005194	.1213530	.0558093	.0477710	.6394419	244.0347
#3	.1058281	.1123543	.0545170	.0451353	.6384432	242.9167

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5651542	.5424444	1.056508	268.1783	.5776531	.5273233
Stddev	.0054522	.0056888	.001170	2.7403	.0016660	.0007107
%RSD	.9647318	1.048725	.1107697	1.021804	.2884085	.1347743

#1	.5651333	.5375286	1.057064	267.7405	.5757434	.5281386
#2	.5706168	.5486756	1.055163	271.1111	.5784068	.5268343
#3	.5597124	.5411290	1.057296	265.6832	.5788089	.5269972

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4907530	109.1913	.5607472	270.1059	1.055642	.2167496
Stddev	.0022446	.7072	.0037166	1.6042	.001762	.0005108
%RSD	.4573876	.6476331	.6627913	.5939227	.1668681	.2356409

#1	.4883713	109.3127	.5618480	269.8607	1.056040	.2168336
#2	.4910583	109.8299	.5637889	271.8186	1.053715	.2162020
#3	.4928294	108.4313	.5566045	268.6384	1.057170	.2172131

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.596779	.5291229	1.050320	-.341561	F .0009065	F .1320785
Stddev	.231998	.0026949	.012492	.057997	.0034355	.0010837
%RSD	38.87509	.5093200	1.189346	16.98006	378.9936	.8204838

#1	-.330858	.5316391	1.064742	-.407027	-.002362	.1332196
#2	-.757806	.5262792	1.042869	-.321048	.000594	.1319529
#3	-.701672	.5294503	1.043350	-.296607	.004487	.1310632

Sample Name: ICSAB Acquired: 05/22/2019 11:29:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) 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	-0.000288	F -0.001922	F -0.005771	-0.003498	F -0.001411	W -0.004871
Stddev	.000361	.004377	.000612	.000519	.000291	.001784
%RSD	125.3865	227.7163	10.59984	14.82240	20.65219	36.63704
#1	-0.000240	-0.006688	-0.006246	-0.004060	-0.001407	-0.004402
#2	-0.000670	-0.000996	-0.005081	-0.003039	-0.001122	-0.006843
#3	.000047	.001917	-0.005987	-0.003396	-0.001705	-0.003367

Elem	Sr4077
Units	ppm
Avg	F .1069830
Stddev	.0003665
%RSD	.3425726
#1	.1068574
#2	.1073958
#3	.1066959

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3022.668	4014.885	61444.45	8868.415	4496.217
Stddev	19.009	2.574	149.56	78.446	5.874
%RSD	.6288853	.0641052	.2434065	.8845521	.1306323
#1	3002.898	4017.161	61548.46	8908.535	4494.557
#2	3024.296	4012.092	61511.83	8778.023	4502.742
#3	3040.811	4015.404	61273.05	8918.686	4491.353

Sample Name: CCV032 Acquired: 05/22/2019 11:33:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV032 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.845222	4.907989	24.57374	4.803465	4.902283	414.1322	10.42027
Stddev	.008803	.023265	.05822	.034569	.009541	7.4091	.12140
%RSD	.1816758	.4740304	.2369186	.7196631	.1946147	1.789069	1.165034

#1	4.836728	4.886897	24.62318	4.763577	4.896285	410.0421	10.29505
#2	4.854304	4.904126	24.50957	4.824719	4.897280	422.6848	10.53744
#3	4.844632	4.932945	24.58846	4.822099	4.913285	409.6697	10.42832

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5047673	2.444438	430.9502	15.02022	2.497434	14.97351	435.1205
Stddev	.0064978	.003190	5.1034	.01668	.003150	.03147	3.0100
%RSD	1.287283	.1304803	1.184219	.1110807	.1261246	.2101565	.6917605

#1	.5005460	2.445094	425.9026	15.02267	2.497956	14.98612	432.5120
#2	.5122498	2.440972	436.1077	15.00245	2.494056	14.99671	438.4139
#3	.5015062	2.447249	430.8403	15.03555	2.500290	14.93769	434.4355

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.41415	420.6070	2.476732	1.306058	414.4532	2.497826	14.88328
Stddev	.16085	3.6263	.002239	.008563	3.2082	.010299	.10777
%RSD	1.043541	.8621505	.0904136	.6556733	.7740784	.4123264	.7241161

#1	15.26236	417.3385	2.478771	1.296180	410.9982	2.494429	14.94674
#2	15.58274	424.5079	2.474336	1.310603	417.3381	2.509394	14.75885
#3	15.39735	419.9745	2.477090	1.311390	415.0233	2.489654	14.94426

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	152.7666	5.050219	5.431477	4.867179	5.004688	5.019824	4.895795
Stddev	.6077	.017733	.066443	.012284	.021797	.062211	.012690
%RSD	.3977666	.3511300	1.223294	.2523798	.4355369	1.239302	.2592007

#1	152.2588	5.039482	5.374770	4.856463	5.002295	4.979991	4.887240
#2	153.4398	5.040488	5.504584	4.864490	4.984187	5.091511	4.889769
#3	152.6011	5.070687	5.415075	4.880585	5.027584	4.987971	4.910375

Sample Name: CCV032 Acquired: 05/22/2019 11:33:03 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCV032 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.009359	5.284634	5.042932
Stddev	.031362	.071677	.014483
%RSD	.6260744	1.356331	.2871882

#1	4.977971	5.208784	5.030404
#2	5.040696	5.351242	5.058790
#3	5.009410	5.293875	5.039604

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2756.274	3686.037	58116.31	8445.434	4100.772
Stddev	7.035	8.902	218.36	113.911	4.416
%RSD	.2552477	.2415146	.3757270	1.348794	.1076826

#1	2764.037	3694.589	58368.24	8533.440	4102.744
#2	2754.466	3686.701	57981.48	8316.772	4103.859
#3	2750.320	3676.822	57999.20	8486.089	4095.714

Sample Name: CCB032 Acquired: 05/22/2019 11:37:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCB032 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000963	-.001740	.0024980	.0000739	.0015359	.0043898	.0006364
Stddev	.002224	.001204	.0020994	.0039079	.0006790	.0141705	.0004044
%RSD	230.8301	69.21484	84.04210	5289.215	44.20737	322.8049	63.54428

#1	.001537	-.002682	.0049085	-.002007	.0022311	-.004395	.0006843
#2	-.001709	-.000383	.0010699	-.002354	.0008744	.020737	.0010146
#3	-.002718	-.002155	.0015157	.004582	.0015021	-.003173	.0002102

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000025	.0000654	.0120803	.0005430	.0001869	.0118603	.0532189
Stddev	.0000826	.0000118	.0028001	.0003988	.0003889	.0012172	.0093036
%RSD	3356.499	18.00330	23.17951	73.45018	208.0607	10.26310	17.48178

#1	-.000006	.0000608	.0088594	.0000825	.0001437	.0112939	.0637144
#2	.000089	.0000567	.0134445	.0007807	-.000179	.0132576	.0459859
#3	-.000076	.0000788	.0139368	.0007657	.000596	.0110295	.0499566

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0034945	.0070684	-.000771	.0001432	.2963522	.0021932	.0000214
Stddev	.0005175	.0252385	.000119	.0004331	.5642572	.0003060	.0011624
%RSD	14.80937	357.0605	15.46788	302.4470	190.4009	13.95100	5440.956

#1	.0034249	-.008050	-.000648	-.000289	.5472085	.0018677	.0013282
#2	.0040434	-.006949	-.000886	.000142	-.349835	.0024750	-.000897
#3	.0030154	.036204	-.000779	.000577	.691683	.0022367	-.000367

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0423449	-.001978	.0104309	.0004796	-.002865	-.003625	-.000161
Stddev	.1019141	.000901	.0019514	.0001077	.007025	.000449	.000987
%RSD	240.6760	45.53602	18.70829	22.45049	245.2000	12.39383	612.8924

#1	.1461029	-.000942	.0119635	.0005623	-.010441	-.004050	-.000468
#2	.0385513	-.002420	.0110952	.0003579	.003434	-.003155	.000943
#3	-.057619	-.002572	.0082340	.0005186	-.001588	-.003671	-.000958

Sample Name: CCB032 Acquired: 05/22/2019 11:37:04 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCB032 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0017961	.0096588	.0000581
Stddev	.0006874	.0006065	.0000412
%RSD	38.27499	6.279645	71.04987

#1	.0024839	.0103105	.0000182
#2	.0011090	.0091107	.0001006
#3	.0017953	.0095551	.0000553

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3175.830	4200.276	63460.74	8779.561	4848.366
Stddev	20.408	7.405	280.29	21.604	16.198
%RSD	.6425898	.1763036	.4416797	.2460697	.3340932

#1	3160.846	4192.073	63595.83	8800.290	4830.090
#2	3199.072	4202.288	63647.91	8781.216	4854.059
#3	3167.571	4206.467	63138.49	8757.177	4860.949

Sample Name: PB119873BL Acquired: 05/22/2019 11:41:12 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: PBS873 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000196	-.001445	.0004267	.0032090	-.000133	.0026873	.0008137
Stddev	.003920	.001201	.0016861	.0008780	.001235	.0034203	.0002253
%RSD	1997.581	83.13810	395.1459	27.36107	926.5779	127.2749	27.69041

#1	-.004633	-.002807	.0017178	.0041653	-.001458	-.001262	.0005872
#2	.002798	-.000992	-.001481	.0030225	.000073	.004615	.0008161
#3	.001246	-.000536	.001043	.0024392	.000985	.004709	.0010378

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000008	.0000074	-.000997	.0003879	-.000027	.0023814	.0123055
Stddev	.000091	.0000290	.008784	.0002475	.000024	.0015193	.0022833
%RSD	1186.734	389.8524	881.4573	63.80467	88.75503	63.80155	18.55534

#1	.000096	.0000253	.005010	.0005679	-.000035	.0040447	.0125471
#2	-.000074	.0000231	.003078	.0004902	-.000047	.0010667	.0099110
#3	-.000046	-.000026	-.011078	.0001057	-.000000	.0020327	.0144584

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011390	.0228129	-.000727	-.000199	.0567398	.0001976	-.000961
Stddev	.0005034	.0252237	.000302	.000274	.3333581	.0012204	.000198
%RSD	44.19462	110.5676	41.46994	137.8346	587.5204	617.5904	20.58646

#1	.0014760	.0161171	-.001068	-.000491	.0933524	.0014521	-.001045
#2	.0013807	.0507088	-.000495	-.000156	.3702803	.0001263	-.001102
#3	.0005604	.0016127	-.000618	.000051	-.293413	-.000986	-.000735

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.065923	-.003106	.0008702	.0000565	-.004397	-.004039	-.001413
Stddev	.069613	.002031	.0002040	.0002795	.003170	.000638	.001025
%RSD	105.5968	65.38218	23.44081	494.7829	72.09587	15.78701	72.56327

#1	-.008177	-.004807	.0006361	-.000074	-.007474	-.004274	-.000247
#2	-.143221	-.003654	.0010093	.000377	-.004575	-.003318	-.001818
#3	-.046371	-.000857	.0009653	-.000134	-.001142	-.004527	-.002173

Sample Name: PB119873BL Acquired: 05/22/2019 11:41:12 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: PBS873 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0003188	-.001761	.0000032
Stddev	.0021059	.001685	.0000397
%RSD	660.6784	95.67748	1256.007

#1	.0027441	-.001728	.0000243
#2	-.001046	-.000093	-.000043
#3	-.000742	-.003462	.000028

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3230.060	4294.086	64687.77	9043.781	4942.164
Stddev	8.524	5.367	438.51	128.311	7.496
%RSD	.2638898	.1249920	.6778816	1.418772	.1516794

#1	3232.831	4298.261	64226.67	8896.305	4950.520
#2	3220.495	4288.032	64737.14	9105.198	4939.944
#3	3236.853	4295.965	65099.50	9129.840	4936.029

Sample Name: PB119873BS Acquired: 05/22/2019 11:45:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: LCS873 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0193547	.0512226	.0205511	.0789358	.1299255	.3838280
Stddev	.0002985	.0005616	.0015752	.0010837	.0023206	.0136021
%RSD	1.542118	1.096389	7.664647	1.372892	1.786112	3.543809

#1	.0194656	.0508357	.0222421	.0801224	.1315477	.3905998
#2	.0190166	.0518668	.0191255	.0786868	.1309614	.3927151
#3	.0195818	.0509654	.0202856	.0779983	.1272673	.3681692

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4309030	.0110168	.0106822	10.94872	.0235479	.1016641
Stddev	.0010019	.0001371	.0000655	.08275	.0004030	.0003136
%RSD	.2325165	1.244396	.6129255	.7557513	1.711523	.3084711

#1	.4318107	.0111071	.0107359	11.03347	.0231473	.1014254
#2	.4298280	.0110843	.0106093	10.86814	.0239533	.1020193
#3	.4310705	.0108591	.0107015	10.94454	.0235432	.1015475

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0483438	.2022069	.0344789	10.68782	.0835710	.0222136
Stddev	.0021279	.0060989	.0003581	.07133	.0005262	.0002616
%RSD	4.401570	3.016150	1.038473	.6674203	.6296538	1.177783

#1	.0458910	.2016972	.0342165	10.75409	.0840182	.0221839
#2	.0494455	.2085447	.0348868	10.69705	.0837037	.0224888
#3	.0496949	.1963789	.0343333	10.61233	.0829912	.0219681

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.42570	.1043959	.1219051	10.02650	.0206851	F .0201905
Stddev	.19555	.0022813	.0017800	.08194	.0020376	.0009132
%RSD	1.875680	2.185238	1.460147	.8172788	9.850724	4.522814

#1	10.27923	.1035741	.1210663	10.09737	.0184596	.0194825
#2	10.35010	.1069742	.1239495	9.93677	.0211363	.0212212
#3	10.64777	.1026393	.1206994	10.04536	.0224592	.0198677

Sample Name: PB119873BS Acquired: 05/22/2019 11:45:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: LCS873 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0210145	.1886962	.2068445	.0116869	.2166129	F .1042385
Stddev	.0001716	.0059489	.0031802	.0007753	.0016664	.0005392
%RSD	.8164752	3.152621	1.537480	6.634372	.7692989	.5172714
#1	.0212000	.1884188	.2101807	.0120995	.2183193	.1037479
#2	.0208615	.1947790	.2065051	.0107925	.2165297	.1048158
#3	.0209822	.1828910	.2038475	.0121687	.2149896	.1041518

Elem	Sr4077
Units	ppm
Avg	.2147443
Stddev	.0002820
%RSD	.1313225
#1	.2147422
#2	.2144634
#3	.2150274

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3226.540	4260.760	64463.74	9078.355	5008.019
Stddev	16.417	5.485	268.70	70.596	9.104
%RSD	.5088137	.1287350	.4168167	.7776248	.1817952
#1	3244.632	4255.833	64761.90	8996.900	5000.736
#2	3212.592	4259.778	64388.94	9116.350	5005.095
#3	3222.396	4266.670	64240.36	9121.817	5018.226

Sample Name: K2847-01 Acquired: 05/22/2019 11:49:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MJLJ01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030517	-.000512	.0030857	.0000872	-.000628	.6862129	.0409342
Stddev	.0005164	.002941	.0017790	.0012105	.001090	.0060271	.0004101
%RSD	16.92291	574.0660	57.65282	1388.334	173.5272	.8783091	1.001942

#1	.0025847	.000132	.0012972	.0001562	.000536	.6794067	.0404614
#2	.0029640	-.003721	.0031049	.0012617	-.001625	.6908738	.0411474
#3	.0036064	.002053	.0048549	-.001156	-.000796	.6883582	.0411939

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000880	-.000005	15.60273	.0010130	-.000197	.0034873	.6611033
Stddev	.0001016	.000045	.18105	.0004930	.000070	.0020051	.0027728
%RSD	115.4603	927.3357	1.160362	48.66849	35.86438	57.49633	.4194283

#1	.0001725	.000044	15.65024	.0012111	-.000116	.0016044	.6638827
#2	-.000025	-.000013	15.40266	.0013761	-.000247	.0032620	.6583371
#3	.000116	-.000045	15.75528	.0004517	-.000226	.0055956	.6610901

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0118879	4.275506	.0001620	.0004447	12.20520	.0050694	.0034945
Stddev	.0003803	.023204	.0000305	.0003347	.23855	.0024061	.0004617
%RSD	3.199244	.5427247	18.84519	75.25796	1.954500	47.46402	13.21367

#1	.0118948	4.273571	.0001828	.0008083	12.23798	.0026263	.0031143
#2	.0115042	4.253330	.0001270	.0003764	12.42567	.0051451	.0040083
#3	.0122648	4.299617	.0001762	.0001495	11.95196	.0074368	.0033609

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.240643	.0724805	.0426742	.0010109	3.802669	14.56832	-.000946
Stddev	.065258	.0013067	.0014822	.0003397	.012124	.15631	.000652
%RSD	2.912467	1.802808	3.473333	33.59815	.3188190	1.072951	68.93677

#1	2.245772	.0731789	.0435309	.0006193	3.801422	14.55635	-.000212
#2	2.303185	.0709730	.0409627	.0012250	3.815368	14.41834	-.001167
#3	2.172972	.0732896	.0435290	.0011885	3.791217	14.73028	-.001460

Sample Name: K2847-01 Acquired: 05/22/2019 11:49:27 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MJLJ01 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0215434	-.011704	.0886270
Stddev	.0000428	.001608	.0003699
%RSD	.1988786	13.73437	.4173283

#1	.0215538	-.012756	.0890314
#2	.0214963	-.009854	.0885436
#3	.0215800	-.012503	.0883059

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3252.822	4267.617	64909.57	9050.853	5004.718
Stddev	38.461	2.744	720.97	72.977	.339
%RSD	1.182383	.0643018	1.110729	.8063002	.0067828

#1	3222.786	4265.987	64082.03	8979.116	5004.607
#2	3239.510	4270.786	65244.71	9125.010	5004.448
#3	3296.171	4266.079	65401.96	9048.434	5005.099

Sample Name: K2847-04 Acquired: 05/22/2019 11:53:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MJLJ01D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050485	-.000924	.0030484	-.001253	-.001307	.6783606	.0409302
Stddev	.0009240	.001158	.0012264	.004702	.000204	.0086489	.0006339
%RSD	18.30332	125.3169	40.23165	375.3102	15.59159	1.274968	1.548845

#1	.0054742	.000335	.0023268	-.001138	-.001356	.6685365	.0415603
#2	.0056830	-.001163	.0023539	.003391	-.001482	.6817175	.0402925
#3	.0039883	-.001945	.0044645	-.006012	-.001084	.6848278	.0409378

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000695	.0000893	15.69653	.0009973	-.000803	.0003492	.6512990
Stddev	.0000457	.0000453	.21533	.0002335	.000232	.0015535	.0021618
%RSD	65.79286	50.70276	1.371823	23.41366	28.92284	444.8583	.3319240

#1	.0000225	.0000985	15.93071	.0012542	-.000682	.0001699	.6537883
#2	.0000721	.0001292	15.50709	.0007980	-.001071	-.001107	.6502163
#3	.0001138	.0000401	15.65178	.0009397	-.000657	.001985	.6498925

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0120574	4.313979	.0004401	-.000111	12.55477	.0077016	.0035422
Stddev	.0005486	.055630	.0000950	.000290	.07029	.0012062	.0013801
%RSD	4.549645	1.289518	21.57222	261.7867	.5598848	15.66191	38.96124

#1	.0118842	4.360914	.0003934	-.000290	12.50516	.0067338	.0046860
#2	.0116163	4.252531	.0003776	-.000265	12.63521	.0073181	.0020093
#3	.0126716	4.328492	.0005494	.000223	12.52393	.0090529	.0039312

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.182700	.0714395	.0431508	.0016006	3.794746	14.67426	-.001390
Stddev	.030123	.0014496	.0013279	.0006574	.008181	.21350	.000243
%RSD	1.380093	2.029131	3.077307	41.07140	.2155744	1.454952	17.50170

#1	2.150529	.0697718	.0446247	.0016983	3.787882	14.92077	-.001223
#2	2.187331	.0721486	.0420476	.0022037	3.792559	14.55395	-.001278
#3	2.210240	.0723980	.0427802	.0008998	3.803798	14.54805	-.001669

Sample Name: K2847-04 Acquired: 05/22/2019 11:53:33 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MJLJ01D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0213199	-.011891	.0883783
Stddev	.0021485	.001814	.0001402
%RSD	10.07737	15.25911	.1586181

#1	.0236285	-.010211	.0885397
#2	.0209521	-.011646	.0882864
#3	.0193790	-.013815	.0883089

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3266.673	4276.342	65005.48	8998.725	5029.281
Stddev	8.283	7.310	159.75	133.420	6.271
%RSD	.2535464	.1709325	.2457486	1.482654	.1246963

#1	3272.072	4270.323	64922.51	8845.214	5022.836
#2	3270.810	4274.228	65189.64	9086.739	5029.645
#3	3257.137	4284.476	64904.29	9064.221	5035.363

Sample Name: K2847-05 Acquired: 05/22/2019 11:57:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MJLJ01S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0478269	.0588359	.0256315	.0600615	.1140825	4.225726	2.364836
Stddev	.0014302	.0011819	.0004043	.0013959	.0020261	.024139	.003762
%RSD	2.990373	2.008825	1.577234	2.324064	1.775951	.5712304	.1590845

#1	.0461766	.0598923	.0253251	.0616605	.1161751	4.198630	2.369105
#2	.0485970	.0575594	.0254798	.0590865	.1121303	4.233616	2.363393
#3	.0487069	.0590561	.0260897	.0594375	.1139421	4.244932	2.362008

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0591517	.0575561	15.73974	.2310882	.5584573	.2476077	2.716262
Stddev	.0004544	.0001874	.05016	.0003289	.0014358	.0020133	.003164
%RSD	.7681847	.3255859	.3187062	.1423239	.2570935	.8130837	.1165009

#1	.0587700	.0574602	15.75501	.2307149	.5595786	.2458342	2.713603
#2	.0596544	.0577720	15.68372	.2312142	.5589541	.2471926	2.715420
#3	.0590308	.0574360	15.78051	.2313355	.5568391	.2497961	2.719762

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5973576	4.359372	.5717070	.0554921	11.61010	.5703345	.5471099
Stddev	.0028236	.023230	.0014025	.0006517	.10888	.0051490	.0030221
%RSD	.4726787	.5328762	.2453101	1.174498	.9378064	.9027970	.5523840

#1	.6005273	4.364220	.5729623	.0562439	11.70906	.5739202	.5473171
#2	.5964342	4.334100	.5719652	.0550863	11.49346	.5726488	.5500231
#3	.5951114	4.379794	.5701933	.0551462	11.62777	.5644345	.5439895

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.313740	.0824808	.0464899	.0014419	3.782119	18.36954	-.002877
Stddev	.044024	.0031358	.0005466	.0002571	.013042	.09272	.000637
%RSD	1.902723	3.801806	1.175673	17.83318	.3448454	.5047626	22.15729

#1	2.327728	.0788828	.0460159	.0016594	3.777126	18.26253	-.003599
#2	2.349072	.0846322	.0470878	.0015083	3.796920	18.42595	-.002639
#3	2.264422	.0839272	.0463660	.0011581	3.772310	18.42015	-.002393

Sample Name: K2847-05 Acquired: 05/22/2019 11:57:40 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MJLJ01S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0952485	-.011382	.0883902
Stddev	.0007050	.002652	.0003035
%RSD	.7401503	23.30094	.3433643

#1	.0946232	-.008349	.0881769
#2	.0951099	-.013264	.0882560
#3	.0960126	-.012532	.0887376

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3276.459	4292.918	65504.56	9112.590	5016.843
Stddev	21.888	2.593	197.52	6.657	3.629
%RSD	.6680329	.0604064	.3015325	.0730492	.0723282

#1	3255.888	4292.255	65292.67	9116.543	5019.438
#2	3274.029	4290.720	65683.57	9104.904	5012.697
#3	3299.461	4295.778	65537.44	9116.322	5018.394

Sample Name: K2847-01LX5 Acquired: 05/22/2019 12:01:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MJLJ01L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010898	-.000141	.0004912	.0001545	-.000838	.1334789	.0087560
Stddev	.0009673	.001021	.0014557	.0025241	.000696	.0038869	.0001692
%RSD	88.75672	726.2361	296.3597	1633.662	83.03035	2.911993	1.932754

#1	.0020470	.000039	-.000508	.0025654	-.000035	.1326020	.0088965
#2	.0001128	.000779	.002161	.0003674	-.001234	.1301054	.0088035
#3	.0011095	-.001240	-.000179	-.002469	-.001245	.1377294	.0085682

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000057	.0000303	3.159108	.0004284	-.000425	.0015044	.1251012
Stddev	.000128	.0000910	.043236	.0002848	.000283	.0015448	.0067425
%RSD	225.1299	300.5039	1.368627	66.46626	66.61690	102.6863	5.389623

#1	.000063	.0001346	3.123391	.0000997	-.000623	.0027005	.1285066
#2	-.000192	-.000011	3.207176	.0005977	-.000101	-.000240	.1294618
#3	-.000041	-.000032	3.146756	.0005879	-.000550	.002052	.1173352

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020180	.8968273	-.000716	.0001439	2.332172	.0036804	.0002787
Stddev	.0000718	.0159061	.000343	.0004917	.196654	.0019899	.0012939
%RSD	3.556146	1.773591	47.91254	341.6789	8.432234	54.06874	464.1859

#1	.0019638	.8787343	-.001111	.0006340	2.303514	.0014567	.0013859
#2	.0020994	.9031379	-.000490	.0001471	2.541582	.0052935	.0005940
#3	.0019908	.9086096	-.000548	-.000349	2.151418	.0042911	-.001144

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2477466	.0132862	.0061991	.0005622	.7317668	2.876532	-.003185
Stddev	.0219569	.0009559	.0003448	.0000396	.0039934	.039919	.000700
%RSD	8.862649	7.194700	5.561644	7.039668	.5457162	1.387762	21.97632

#1	.2367390	.0123841	.0058015	.0005361	.7363467	2.849637	-.002731
#2	.2334709	.0131863	.0064157	.0005428	.7290129	2.922400	-.002832
#3	.2730300	.0142881	.0063801	.0006078	.7299408	2.857559	-.003991

Sample Name: K2847-01LX5 Acquired: 05/22/2019 12:01:41 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MJLJ01L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0056669	-.008057	.0176468
Stddev	.0005125	.000482	.0001031
%RSD	9.043942	5.980788	.5841519

#1	.0050755	-.008591	.0175315
#2	.0059440	-.007926	.0177299
#3	.0059812	-.007655	.0176792

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3228.363	4282.524	64623.60	9045.052	4998.635
Stddev	12.609	7.626	651.31	118.512	5.585
%RSD	.3905546	.1780750	1.007850	1.310238	.1117355

#1	3213.844	4278.007	63890.58	9117.589	4997.574
#2	3236.553	4291.329	65135.75	8908.291	5004.675
#3	3234.694	4278.237	64844.46	9109.277	4993.657

Sample Name: K2847-03 Acquired: 05/22/2019 12:05:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MJLJ08 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000630	.0018414	.0001802	-.002261	-.002445	.0081856	.0006490
Stddev	.001448	.0005273	.0011703	.001736	.000344	.0046034	.0006467
%RSD	229.8180	28.63419	649.4900	76.77194	14.07207	56.23823	99.65868

#1	.001038	.0015561	-.000925	-.000293	-.002556	.0133620	-.000093
#2	-.001570	.0024498	.000059	-.003574	-.002721	.0066439	.000950
#3	-.001358	.0015182	.001406	-.002917	-.002060	.0045509	.001091

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000051	.0000551	-.002380	-.000083	.0001500	-.001574	-.045279
Stddev	.000061	.0000270	.004296	.000038	.0001044	.001118	.001651
%RSD	119.1931	48.96734	180.4899	46.18146	69.56970	71.01814	3.646596

#1	-.000121	.0000859	-.004467	-.000060	.0002468	-.000894	-.046751
#2	-.000024	.0000358	-.005235	-.000127	.0000394	-.002865	-.045593
#3	-.000008	.0000435	.002561	-.000061	.0001638	-.000964	-.043494

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001199	.0026156	-.000746	-.000001	.1453789	.0017091	-.000486
Stddev	.000244	.0035345	.000092	.000416	.2649555	.0012479	.000699
%RSD	20.34022	135.1322	12.28343	32684.80	182.2517	73.01447	143.7962

#1	-.000964	.0006425	-.000725	.000403	.4508119	.0022552	.000319
#2	-.001451	.0066962	-.000666	.000021	.0079744	.0002812	-.000940
#3	-.001183	.0005081	-.000846	-.000428	-.022650	.0025909	-.000837

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.846817	-.002309	-.005509	-.000595	.0023334	.0495035	.0015133
Stddev	.085109	.001643	.000446	.000304	.0060565	.0006491	.0018816
%RSD	10.05045	71.16602	8.099170	51.10972	259.5602	1.311306	124.3364

#1	-.937652	-.001034	-.005278	-.000298	-.000006	.0487546	.0034726
#2	-.833883	-.001730	-.006023	-.000906	-.002205	.0499051	-.000280
#3	-.768915	-.004163	-.005226	-.000581	.009211	.0498508	.001347

Sample Name: K2847-03 Acquired: 05/22/2019 12:05:48 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MJLJ08 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0019703	-.020103	-.000027
Stddev	.0011974	.001027	.000025
%RSD	60.77140	5.108788	90.85877

#1	.0009293	-.021289	-.000039
#2	.0032788	-.019501	.000001
#3	.0017028	-.019519	-.000044

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3312.291	4354.747	65929.26	9071.553	5039.722
Stddev	23.811	25.426	611.34	40.572	23.832
%RSD	.7188717	.5838615	.9272701	.4472475	.4728851

#1	3301.379	4375.118	65661.17	9092.328	5063.006
#2	3295.892	4362.870	65497.77	9097.530	5040.783
#3	3339.603	4326.252	66628.85	9024.800	5015.377

Sample Name: PB119763BS Acquired: 05/22/2019 12:14:00 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: LCS763 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0183928	.0492351	.0192081	.0770519	.1267748	.4288182
Stddev	.0021622	.0015152	.0006965	.0027133	.0010138	.0111895
%RSD	11.75564	3.077512	3.626263	3.521393	.7996787	2.609372

#1	.0159404	.0502465	.0196778	.0752257	.1259782	.4413473
#2	.0192136	.0499659	.0195387	.0757603	.1264302	.4252866
#3	.0200245	.0474930	.0184078	.0801697	.1279159	.4198205

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4250815	.0107362	.0105091	10.72338	.0223868	.0996217
Stddev	.0014890	.0002248	.0000664	.04809	.0001051	.0002310
%RSD	.3502767	2.093516	.6322247	.4484541	.4695918	.2318882

#1	.4265736	.0107132	.0105184	10.76180	.0222936	.0994637
#2	.4250752	.0109716	.0105704	10.73888	.0225007	.0995146
#3	.4235957	.0105239	.0104385	10.66945	.0223660	.0998868

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0461665	.1741823	.0332933	10.46244	.0816968	.0214380
Stddev	.0022796	.0040433	.0004328	.09047	.0003189	.0005253
%RSD	4.937716	2.321293	1.299831	.8647372	.3903132	2.450431

#1	.0486795	.1785996	.0329783	10.54472	.0816008	.0211478
#2	.0455882	.1732827	.0337867	10.47706	.0814370	.0211217
#3	.0442318	.1706645	.0331147	10.36555	.0820527	.0220444

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.758123	.1001060	.1185407	9.796832	.0180709	F .0181908
Stddev	.291365	.0019546	.0019616	.042233	.0016299	.0006274
%RSD	2.985872	1.952493	1.654780	.4310921	9.019174	3.448716

#1	9.876771	.1021437	.1201821	9.785994	.0183825	.0185597
#2	9.426154	.0999272	.1163683	9.843428	.0195225	.0174665
#3	9.971445	.0982469	.1190718	9.761074	.0163078	.0185463

Sample Name: PB119763BS Acquired: 05/22/2019 12:14:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: LCS763 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0207121	.1948380	.2042142	F .1050335	.2126432	F .1003663
Stddev	.0002354	.0015916	.0010827	.0008766	.0008198	.0010313
%RSD	1.136400	.8168561	.5301594	.8345950	.3855276	1.027551

#1	.0209285	.1930015	.2031242	.1049071	.2119937	.1001757
#2	.0204615	.1956968	.2052893	.1042270	.2135643	.1014797
#3	.0207464	.1958157	.2042290	.1059665	.2123716	.0994436

Elem	Sr4077
Units	ppm
Avg	.2093148
Stddev	.0006480
%RSD	.3095942

#1	.2097527
#2	.2096214
#3	.2085704

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3244.847	4291.206	64862.55	9161.253	5041.669
Stddev	24.123	9.222	555.35	52.987	3.169
%RSD	.7434266	.2149155	.8561996	.5783843	.0628593

#1	3261.655	4280.880	65149.35	9148.342	5043.042
#2	3255.679	4298.624	65215.87	9115.915	5038.045
#3	3217.207	4294.113	64222.44	9219.503	5043.920

Sample Name: PB119763BL Acquired: 05/22/2019 12:09:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: PBS763 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003778	-.000445	-.001110	-.000526	-.000695	-.000039	.0005331
Stddev	.000798	.001011	.000779	.002335	.000704	.001507	.0003805
%RSD	21.11999	227.1319	70.23237	444.1740	101.3361	3893.090	71.37178

#1	-.003236	-.001599	-.002005	-.003099	-.000237	.001696	.0001961
#2	-.003404	-.000023	-.000583	.001458	-.001506	-.001034	.0004575
#3	-.004694	.000286	-.000741	.000065	-.000342	-.000777	.0009457

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000059	.0000372	-.003780	-.000171	-.000020	.0035158	-.021465
Stddev	.000072	.0000263	.009125	.000167	.000068	.0011645	.006532
%RSD	121.9524	70.47099	241.4325	97.88365	342.7641	33.12188	30.43115

#1	-.000051	.0000674	-.013506	-.000241	-.000081	.0045016	-.014819
#2	-.000135	.0000194	-.002425	-.000292	-.000033	.0038148	-.021699
#3	.000008	.0000249	.004592	.000020	.000054	.0022309	-.027877

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000669	.0513522	-.000777	.0000046	.3594755	.0018822	-.001264
Stddev	.000144	.0143719	.000138	.0007012	.2295330	.0009604	.001320
%RSD	21.58604	27.98694	17.80684	15282.75	63.85219	51.02482	104.4766

#1	-.000803	.0620253	-.000934	-.000569	.5012336	.0008424	-.001980
#2	-.000688	.0570209	-.000673	.000786	.0946535	.0027360	-.002071
#3	-.000516	.0350104	-.000724	-.000203	.4825393	.0020682	.000260

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.198925	-.004538	-.003145	-.000142	-.002002	-.002484	-.002923
Stddev	.068329	.001531	.000216	.000270	.004315	.001015	.001163
%RSD	34.34903	33.74035	6.863098	189.6407	215.5248	40.84093	39.78310

#1	-.236527	-.006265	-.003074	.000169	-.006270	-.001769	-.002331
#2	-.120054	-.003347	-.003388	-.000292	-.002095	-.003646	-.002175
#3	-.240193	-.004003	-.002974	-.000305	.002359	-.002039	-.004263

Sample Name: PB119763BL Acquired: 05/22/2019 12:09:54 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: PBS763 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0021640	-.002735	-.000065
Stddev	.0008061	.001661	.000028
%RSD	37.24834	60.72893	42.39534

#1	.0029386	-.004505	-.000070
#2	.0013298	-.002492	-.000035
#3	.0022237	-.001209	-.000089

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3248.872	4278.114	64833.07	9034.017	4947.723
Stddev	22.078	13.382	282.95	65.077	6.113
%RSD	.6795460	.3128017	.4364313	.7203572	.1235527

#1	3267.983	4262.751	65146.99	8958.979	4940.773
#2	3224.705	4287.228	64597.68	9068.075	4950.130
#3	3253.929	4284.363	64754.53	9074.998	4952.266

Sample Name: PB119866BL Acquired: 05/22/2019 12:18:05 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: PBS8656 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001490	-.003159	-.002361	-.000573	-.002242	-.001774	.0006526
Stddev	.001796	.001801	.000562	.001782	.000672	.008918	.0002362
%RSD	120.4923	56.99902	23.80143	311.0025	29.98622	502.7916	36.19206

#1	-.002687	-.005169	-.002780	-.001875	-.001577	-.010140	.0004520
#2	.000574	-.002618	-.001722	-.001303	-.002922	-.002792	.0005929
#3	-.002358	-.001692	-.002579	.001458	-.002226	.007610	.0009130

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000063	-.000015	-.004155	-.000026	-.000082	.0012704	-.030512
Stddev	.000070	.000035	.011550	.000138	.000231	.0002390	.006269
%RSD	111.1049	240.7867	277.9948	532.5185	282.2197	18.81231	20.54645

#1	-.000063	-.000026	-.017487	.000111	-.000347	.0015462	-.034123
#2	-.000132	.000025	.002224	-.000023	.000076	.0011416	-.034139
#3	.000007	-.000042	.002799	-.000166	.000025	.0011235	-.023273

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001038	.0280249	-.001215	.0002263	.2709874	.0021593	-.001187
Stddev	.000315	.0436124	.000127	.0002553	.1205357	.0041665	.000673
%RSD	30.32082	155.6205	10.45637	112.8140	44.48018	192.9591	56.66137

#1	-.000962	-.007532	-.001068	.0003074	.1776234	-.002278	-.001924
#2	-.001383	.014920	-.001280	.0004312	.2282758	.002768	-.001032
#3	-.000768	.076687	-.001296	-.000060	.4070631	.005988	-.000606

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.155449	-.003716	-.004075	-.000201	-.002593	-.004236	-.003161
Stddev	.052438	.000891	.000512	.000151	.003644	.000150	.001613
%RSD	33.73296	23.96524	12.57121	75.32201	140.5629	3.531090	51.01834

#1	-.107118	-.004701	-.004636	-.000146	.001609	-.004083	-.001813
#2	-.148027	-.002968	-.003631	-.000371	-.004500	-.004243	-.002723
#3	-.211203	-.003480	-.003960	-.000085	-.004887	-.004382	-.004948

Sample Name: PB119866BL Acquired: 05/22/2019 12:18:05 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: PBS8656 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0009116	-.005465	.0000880
Stddev	.0008438	.001194	.0000674
%RSD	92.55687	21.85633	76.62398

#1	.0016724	-.005576	.0000374
#2	.0000041	-.004219	.0001645
#3	.0010585	-.006600	.0000620

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3209.033	4269.659	64359.51	9007.811	4954.368
Stddev	19.358	12.898	294.00	24.545	14.163
%RSD	.6032194	.3020942	.4568062	.2724812	.2858746

#1	3227.949	4279.965	64376.00	8979.596	4960.414
#2	3189.262	4273.818	64057.62	9019.595	4964.505
#3	3209.888	4255.195	64644.92	9024.241	4938.185

Sample Name: PB119866BS Acquired: 05/22/2019 12:22:12 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: LCS866 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0166616	.0435985	.0162010	.0679309	.1101381	.3294756
Stddev	.0016124	.0011372	.0006421	.0016636	.0012729	.0113243
%RSD	9.677532	2.608382	3.963323	2.448954	1.155761	3.437070

#1	.0177599	.0449071	.0163256	.0670836	.1087932	.3302612
#2	.0148104	.0430381	.0167717	.0668615	.1102972	.3403867
#3	.0174146	.0428502	.0155058	.0698476	.1113241	.3177790

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3713631	.0095177	.0091112	9.381672	.0196240	.0869629
Stddev	.0025223	.0000788	.0001189	.055055	.0003485	.0004208
%RSD	.6791990	.8280692	1.305338	.5868396	1.775671	.4838895

#1	.3685292	.0095070	.0089790	9.318581	.0199586	.0871114
#2	.3721979	.0096013	.0091452	9.406456	.0196501	.0872893
#3	.3733621	.0094447	.0092094	9.419979	.0192632	.0864880

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0408369	.1405463	.0289701	9.175429	.0709564	.0189383
Stddev	.0013621	.0101710	.0001741	.031110	.0001191	.0003932
%RSD	3.335404	7.236767	.6008036	.3390538	.1679119	2.076080

#1	.0423539	.1421890	.0291707	9.177275	.0708229	.0186537
#2	.0404378	.1497961	.0288601	9.143438	.0709945	.0187742
#3	.0397190	.1296540	.0288794	9.205575	.0710519	.0193869

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.591417	.0910156	.1000936	8.528263	.0166848	F .0149274
Stddev	.392785	.0022561	.0029310	.025953	.0012694	.0011836
%RSD	4.571833	2.478842	2.928218	.3043159	7.608218	7.928843

#1	8.933565	.0935196	.1023371	8.503786	.0152415	.0140181
#2	8.162504	.0903863	.0967774	8.555475	.0176281	.0162656
#3	8.678183	.0891410	.1011663	8.525528	.0171848	.0144984

Sample Name: PB119866BS Acquired: 05/22/2019 12:22:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: LCS866 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0177756	.1626625	.1785601	F .1003344	.1843615	F .0874333
Stddev	.0002812	.0048742	.0018117	.0005188	.0014656	.0013973
%RSD	1.581831	2.996506	1.014604	.5170403	.7949721	1.598150
#1	.0174945	.1678900	.1770002	.0998790	.1828321	.0864075
#2	.0177756	.1582425	.1805472	.1008991	.1857536	.0868675
#3	.0180569	.1618549	.1781330	.1002251	.1844989	.0890247

Elem	Sr4077
Units	ppm
Avg	.1829533
Stddev	.0001956
%RSD	.1069150
#1	.1827358
#2	.1830097
#3	.1831146

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3253.031	4259.269	65084.01	9025.839	5032.386
Stddev	41.078	6.234	563.66	44.449	1.776
%RSD	1.262765	.1463589	.8660511	.4924637	.0352967
#1	3251.609	4257.424	64872.00	9071.061	5030.507
#2	3294.801	4266.217	65722.94	8982.205	5032.614
#3	3212.682	4254.166	64657.10	9024.252	5034.037

Sample Name: K2921-02 Acquired: 05/22/2019 12:30:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MC0AF2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0417493	.0207844	7.114584	-.029441	.0422956	55.85905
Stddev	.0030437	.0019474	.008973	.002210	.0025985	.08159
%RSD	7.290408	9.369682	.1261169	7.505475	6.143708	.1460659

#1	.0452191	.0191101	7.124166	-.028828	.0399824	55.88329
#2	.0404989	.0203215	7.106379	-.031893	.0451072	55.92577
#3	.0395300	.0229216	7.113209	-.027603	.0417971	55.76808

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.320895	.1440447	.2066042	F 1592.275	.4183706	.5419029
Stddev	.008030	.0004888	.0004055	22.968	.0013049	.0018935
%RSD	.6078847	.3393461	.1962806	1.442474	.3118884	.3494234

#1	1.311636	.1441243	.2068441	1565.857	.4197866	.5432427
#2	1.325091	.1444889	.2061360	1607.515	.4172167	.5397366
#3	1.325956	.1435210	.2068325	1603.452	.4181086	.5427294

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.66347	338.4470	7.733414	F 928.2602	2.505008	-.002992
Stddev	.05147	1.2278	.046631	3.6038	.006809	.000250
%RSD	.2617405	.3627852	.6029773	.3882345	.2717966	8.354312

#1	19.72285	337.0345	7.679643	924.1324	2.508304	-.002958
#2	19.63596	339.2589	7.757847	929.8676	2.497179	-.003258
#3	19.63160	339.0477	7.762750	930.7806	2.509541	-.002761

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.799868	.1326461	F 64.13731	4.854055	4.991740	3.779236
Stddev	.354929	.0011742	.36715	.062921	.019297	.012142
%RSD	4.033342	.8851998	.5724465	1.296254	.3865802	.3212714

#1	9.181010	.1315987	64.00007	4.837807	5.007923	3.765276
#2	8.739767	.1324242	63.85855	4.800852	4.970384	3.787336
#3	8.478827	.1339154	64.55331	4.923507	4.996915	3.785095

Sample Name: K2921-02 Acquired: 05/22/2019 12:30:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MC0AF2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4395256	5.197404	2.604282	2.633866	2.480510	.0730791
Stddev	.0003210	.019493	.008223	.010030	.005565	.0020024
%RSD	.0730256	.3750500	.3157423	.3808228	.2243574	2.740102
#1	.4398933	5.207326	2.596717	2.642888	2.474190	.0721278
#2	.4393018	5.174946	2.613034	2.623066	2.482663	.0717297
#3	.4393816	5.209941	2.603096	2.635644	2.484677	.0753799

Elem	Sr4077
Units	ppm
Avg	.6935666
Stddev	.0013497
%RSD	.1946047
#1	.6948437
#2	.6937016
#3	.6921544

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2940.904	3884.695	61140.17	9136.752	3941.710
Stddev	20.231	2.027	433.31	34.375	7.173
%RSD	.6879188	.0521756	.7087172	.3762252	.1819687
#1	2949.680	3886.976	61138.79	9156.157	3947.442
#2	2955.265	3883.100	61574.18	9157.037	3944.022
#3	2917.767	3884.010	60707.56	9097.063	3933.667

Sample Name: K2921-01 Acquired: 05/22/2019 12:26:19 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MC0AF1 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1764299	.0531568	27.74464	-.085116	.0786924	167.2229
Stddev	.0048812	.0026623	.04146	.000587	.0025881	.3281
%RSD	2.766650	5.008417	.1494348	.6890722	3.288849	.1962244

#1	.1819147	.0558836	27.79193	-.084784	.0806843	166.8914
#2	.1748116	.0505640	27.71457	-.084771	.0796258	167.2299
#3	.1725634	.0530227	27.72740	-.085793	.0757671	167.5475

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.315177	.5194545	1.232690	799.9211	1.003566	.9633056
Stddev	.007730	.0029311	.002711	6.8098	.003966	.0011464
%RSD	.1791458	.5642667	.2199447	.8513148	.3951918	.1190091

#1	4.314222	.5225673	1.233615	806.7951	1.001294	.9633956
#2	4.323340	.5190489	1.229637	799.7910	1.001258	.9621168
#3	4.307968	.5167473	1.234818	793.1773	1.008145	.9644044

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 103.0683	F 866.6838	17.30760	385.6624	4.894290	-.000542
Stddev	.0578	7.4537	.03676	.5254	.006350	.000428
%RSD	.0561246	.8600223	.2124037	.1362260	.1297390	78.87820

#1	103.0628	874.8795	17.34639	386.2514	4.894639	-.000922
#2	103.0134	864.8617	17.30313	385.4941	4.887773	-.000079
#3	103.1287	860.3101	17.27328	385.2419	4.900458	-.000625

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.32736	.3175089	F 202.0424	15.28305	11.61204	12.17178
Stddev	.21536	.0010371	1.1182	.03077	.04478	.05850
%RSD	.8180188	.3266242	.5534725	.2013264	.3856036	.4806208

#1	26.08569	.3173182	200.8172	15.24772	11.61107	12.22485
#2	26.49898	.3186281	202.3019	15.29749	11.56775	12.18145
#3	26.39740	.3165804	203.0081	15.30394	11.65729	12.10905

Sample Name: K2921-01 Acquired: 05/22/2019 12:26:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MC0AF1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.264049	18.40315	3.250077	7.076724	6.862298	.1752427
Stddev	.002942	.03155	.012906	.018194	.000893	.0015891
%RSD	.2327529	.1714196	.3970853	.2570913	.0130128	.9068064

#1	1.262565	18.39526	3.264790	7.085160	6.861795	.1734797
#2	1.262144	18.37629	3.244770	7.055843	6.863329	.1756839
#3	1.267438	18.43789	3.240672	7.089167	6.861769	.1765647

Elem	Sr4077
Units	ppm
Avg	1.264257
Stddev	.001192
%RSD	.0942685

#1	1.263613
#2	1.263525
#3	1.265632

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3034.679	4044.071	64473.46	9277.267	4188.233
Stddev	5.711	6.532	131.92	45.333	8.977
%RSD	.1881947	.1615163	.2046175	.4886437	.2143461

#1	3041.255	4045.969	64624.86	9230.662	4180.364
#2	3030.968	4049.444	64412.25	9279.928	4198.011
#3	3031.813	4036.800	64383.25	9321.210	4186.324

Sample Name: K2921-06 Acquired: 05/22/2019 12:46:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MC0AF4S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1034097	.1239656	3.743257	.0573164	.0871700	55.98682	6.416816
Stddev	.0008109	.0029038	.007557	.0011800	.0014240	.11578	.053187
%RSD	.7841340	2.342421	.2018945	2.058807	1.633538	.2067922	.8288693

#1	.1024781	.1229449	3.737703	.0584599	.0859240	55.91940	6.370698
#2	.1039564	.1217100	3.740206	.0561029	.0868639	55.92054	6.404752
#3	.1037947	.1272420	3.751863	.0573865	.0887221	56.12050	6.474999

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1077545	.1241869	247.1158	.7955724	1.122191	2.716962	200.3039
Stddev	.0003384	.0004768	1.7389	.0006249	.002810	.004847	.7060
%RSD	.3140277	.3839705	.7036831	.0785472	.2504042	.1784064	.3524641

#1	.1079126	.1238155	245.6488	.7960982	1.119067	2.722520	199.5368
#2	.1073660	.1240205	246.6620	.7957376	1.122994	2.714763	200.4484
#3	.1079848	.1247246	249.0366	.7948815	1.124513	2.713605	200.9264

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.864814	99.02795	1.327216	.0982604	3.054248	1.333153	7.160054
Stddev	.021177	.28234	.001254	.0004310	.273011	.003628	.034186
%RSD	.5479318	.2851153	.0944591	.4386243	8.938731	.2721535	.4774521

#1	3.844306	98.75678	1.326782	.0979109	3.235166	1.334983	7.121544
#2	3.863535	99.00679	1.328629	.0981282	2.740212	1.328974	7.186819
#3	3.886601	99.32028	1.326237	.0987420	3.187365	1.335501	7.171799

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.52865	4.285993	.4077925	.0326164	5.469031	6.584768	.2069633
Stddev	.05829	.016226	.0046870	.0001202	.018664	.019643	.0009121
%RSD	.5535870	.3785720	1.149361	.3684463	.3412603	.2983022	.4407045

#1	10.48658	4.285167	.4048921	.0327009	5.468234	6.605674	.2065410
#2	10.50418	4.270196	.4052857	.0324788	5.450780	6.566698	.2080100
#3	10.59518	4.302616	.4131999	.0326695	5.488081	6.581932	.2063388

Sample Name: K2921-06 Acquired: 05/22/2019 12:46:12 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MC0AF4S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.631759	.0599120	.4161957
Stddev	.001425	.0004732	.0006615
%RSD	.0873581	.7899034	.1589427

#1	1.631476	.0602436	.4156439
#2	1.630496	.0593700	.4160142
#3	1.633304	.0601223	.4169290

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3300.119	4373.270	67565.83	9760.749	4762.702
Stddev	7.967	12.102	377.08	33.223	11.206
%RSD	.2414146	.2767244	.5580931	.3403739	.2352866

#1	3301.039	4384.613	67672.74	9738.815	4775.198
#2	3307.585	4360.531	67877.91	9798.973	4753.546
#3	3291.732	4374.667	67146.84	9744.460	4759.362

Sample Name: K2921-03 Acquired: 05/22/2019 12:34:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MC0AF3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0571419	.0394402	7.037583	-.048688	.0380815	123.8631
Stddev	.0016261	.0029894	.015670	.007199	.0017015	.2826
%RSD	2.845730	7.579625	.2226631	14.78555	4.467974	.2281448

#1	.0557494	.0428730	7.055482	-.051146	.0368890	123.5374
#2	.0567472	.0380369	7.026336	-.054335	.0373256	124.0089
#3	.0589290	.0374105	7.030931	-.040582	.0400300	124.0431

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.984876	.3650832	.0321007	182.2444	.5964890	.1918231
Stddev	.015217	.0015002	.0000769	.8131	.0006086	.0001362
%RSD	.3818565	.4109273	.2394895	.4461845	.1020379	.0709963

#1	3.967961	.3635071	.0321798	181.3509	.5970340	.1917711
#2	3.997450	.3652485	.0320262	182.9409	.5958322	.1917205
#3	3.989218	.3664939	.0320961	182.4415	.5966009	.1919776

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.24794	471.3824	10.48271	91.14477	.7849626	-.011997
Stddev	.01534	1.5357	.04450	.37499	.0007577	.000096
%RSD	.1252804	.3257793	.4244664	.4114243	.0965234	.7978223

#1	12.23118	469.6093	10.43421	90.72049	.7853465	-.012080
#2	12.26129	472.2919	10.52165	91.43180	.7854515	-.012018
#3	12.25135	472.2459	10.49228	91.28202	.7840898	-.011892

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.76639	.4748334	F 63.80017	40.41845	8.128885	6.875354
Stddev	.24916	.0035017	.29024	.04070	.004836	.016844
%RSD	1.327719	.7374579	.4549215	.1006872	.0594962	.2449851

#1	18.49870	.4710756	64.08563	40.42253	8.123794	6.884161
#2	18.99156	.4754195	63.80951	40.37586	8.129442	6.855933
#3	18.80892	.4780050	63.50538	40.45695	8.133419	6.885968

Sample Name: K2921-03 Acquired: 05/22/2019 12:34:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MC0AF3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3764930	10.17555	3.077739	1.398432	8.676689	.1676208
Stddev	.0006017	.01562	.010004	.002232	.020163	.0033551
%RSD	.1598118	.1535241	.3250311	.1595833	.2323839	2.001594

#1	.3758500	10.17818	3.078575	1.400958	8.666187	.1637633
#2	.3770424	10.15877	3.067343	1.397609	8.699936	.1692382
#3	.3765866	10.18968	3.087298	1.396729	8.663945	.1698607

Elem	Sr4077
Units	ppm
Avg	.6511212
Stddev	.0009381
%RSD	.1440734

#1	.6501239
#2	.6512537
#3	.6519860

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3402.002	4484.634	69329.23	9933.341	4670.528
Stddev	18.188	5.821	314.54	17.171	13.065
%RSD	.5346217	.1297958	.4536956	.1728655	.2797238

#1	3382.628	4483.203	68990.38	9918.867	4659.677
#2	3404.670	4479.661	69385.40	9952.314	4666.876
#3	3418.709	4491.036	69611.90	9928.842	4685.029

Sample Name: K2921-07 Acquired: 05/22/2019 12:54:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MC0AF5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0370260	.0141086	5.329675	-.020136	.0080567	50.80091	1.641246
Stddev	.0038692	.0022307	.001524	.003022	.0011278	.02150	.007964
%RSD	10.45008	15.81105	.0285998	15.00961	13.99832	.0423292	.4852573

#1	.0346063	.0166001	5.331189	-.018183	.0084110	50.77615	1.650387
#2	.0414885	.0122968	5.329696	-.018607	.0067943	50.81488	1.637551
#3	.0349832	.0134289	5.328141	-.023617	.0089648	50.81171	1.635800

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0076689	.0170806	367.1231	.3158561	.0676574	1.566562	210.2317
Stddev	.0000948	.0000416	1.9060	.0004875	.0003518	.004435	.6458
%RSD	1.236174	.2432910	.5191798	.1543524	.5200114	.2830971	.3071991

#1	.0077375	.0170370	369.1617	.3152940	.0673048	1.566791	210.8443
#2	.0075608	.0171197	365.3855	.3161099	.0676590	1.562017	209.5571
#3	.0077086	.0170852	366.8220	.3161643	.0680085	1.570878	210.2936

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.701021	113.8926	.2967174	-.006275	2.421249	.3227747	5.558128
Stddev	.013510	.5808	.0008804	.000192	.186335	.0020113	.016181
%RSD	.5001800	.5099707	.2967308	3.059199	7.695821	.6231387	.2911151

#1	2.714505	114.5207	.2972660	-.006241	2.264136	.3223915	5.562721
#2	2.687485	113.3749	.2957018	-.006103	2.372497	.3209826	5.540147
#3	2.701074	113.7823	.2971844	-.006482	2.627114	.3249501	5.571516

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.48366	4.070609	.3889570	.0271104	5.846418	5.186254	.1888677
Stddev	.14059	.005592	.0008387	.0001434	.040380	.012429	.0011832
%RSD	1.341050	.1373851	.2156385	.5290976	.6906752	.2396550	.6264674

#1	10.45086	4.064314	.3885260	.0269813	5.822083	5.194696	.1893325
#2	10.36237	4.075004	.3884214	.0270850	5.824143	5.171981	.1897480
#3	10.63775	4.072509	.3899236	.0272648	5.893030	5.192085	.1875227

Sample Name: K2921-07 Acquired: 05/22/2019 12:54:04 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MC0AF5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.610460	.0662078	.4877412
Stddev	.002619	.0016813	.0006223
%RSD	.1626011	2.539482	.1275925

#1	1.611326	.0677124	.4872136
#2	1.607518	.0665182	.4875824
#3	1.612536	.0643930	.4884275

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3223.372	4287.076	65923.08	9388.662	4653.909
Stddev	13.232	13.257	129.08	29.367	10.371
%RSD	.4105031	.3092342	.1957997	.3127909	.2228388

#1	3208.189	4273.261	65777.28	9357.788	4644.075
#2	3232.443	4299.693	65969.19	9416.244	4664.744
#3	3229.484	4288.274	66022.77	9391.955	4652.907

Sample Name: K2921-04LX5 Acquired: 05/22/2019 12:50:03 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MC0AF4L Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049206	.0002111	.7211672	-.002864	-.000210	10.00792	.2908687
Stddev	.0012201	.0015951	.0009662	.000643	.000578	.01436	.0013151
%RSD	24.79606	755.6006	.1339806	22.45072	274.9092	.1434537	.4521244

#1	.0046946	.0016643	.7215381	-.003598	.000299	9.99223	.2899775
#2	.0062378	.0004646	.7218930	-.002599	-.000839	10.01110	.2923791
#3	.0038292	-.001496	.7200705	-.002396	-.000091	10.02041	.2902495

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016116	.0035615	46.69838	.0862297	.0116961	.3693278	38.52424
Stddev	.0000582	.0000078	.19916	.0002334	.0003044	.0050602	.07229
%RSD	3.611598	.2183234	.4264766	.2706861	2.602294	1.370108	.1876370

#1	.0015592	.0035598	46.48861	.0864980	.0119789	.3643485	38.44334
#2	.0016742	.0035547	46.72164	.0861169	.0117354	.3691698	38.54686
#3	.0016013	.0035700	46.88488	.0860740	.0113740	.3744652	38.58250

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5943619	18.17003	.0611793	-.001182	.3591236	.0653489	1.192534
Stddev	.0026895	.03680	.0002182	.000390	.2653313	.0029009	.005525
%RSD	.4524987	.2025321	.3567432	33.01525	73.88302	4.439171	.4633240

#1	.5926233	18.15169	.0611154	-.001489	.2230433	.0669401	1.198812
#2	.5930027	18.14601	.0610002	-.001313	.1894405	.0620006	1.190378
#3	.5974597	18.21240	.0614224	-.000743	.6648870	.0671061	1.188412

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.849036	.7788309	.0778360	.0077875	1.067364	.8686833	.0268946
Stddev	.084348	.0072020	.0004505	.0004146	.002433	.0060741	.0007978
%RSD	4.561737	.9247146	.5788121	5.323674	.2279103	.6992262	2.966345

#1	1.818084	.7742432	.0782215	.0075906	1.065085	.8659546	.0274199
#2	1.944488	.7751180	.0773407	.0075082	1.069926	.8644521	.0259766
#3	1.784537	.7871317	.0779457	.0082639	1.067083	.8756432	.0272874

Sample Name: K2921-04LX5 Acquired: 05/22/2019 12:50:03 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MC0AF4L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3074853	.0094967	.0892782
Stddev	.0016357	.0035470	.0004570
%RSD	.5319489	37.34988	.5118676

#1	.3056125	.0097886	.0888602
#2	.3086336	.0058127	.0897661
#3	.3082097	.0128886	.0892084

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3247.583	4291.141	65083.76	9221.121	4924.466
Stddev	6.121	9.713	279.38	18.536	17.147
%RSD	.1884857	.2263530	.4292628	.2010142	.3482013

#1	3248.216	4294.711	65059.37	9241.221	4918.801
#2	3241.170	4298.564	64817.38	9204.701	4943.729
#3	3253.363	4280.148	65374.54	9217.442	4910.869

Sample Name: CCV033 Acquired: 05/22/2019 13:01:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV033 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.862232	4.912489	24.58681	4.822291	4.908844	413.2514	10.38785
Stddev	.012209	.011532	.05213	.019592	.015875	2.0212	.04019
%RSD	.2510884	.2347565	.2120113	.4062764	.3233894	.4891070	.3869396

#1	4.874961	4.915103	24.52762	4.837336	4.926280	412.4518	10.43381
#2	4.861113	4.899874	24.60693	4.800137	4.905026	411.7523	10.35927
#3	4.850621	4.922491	24.62588	4.829399	4.895227	415.5501	10.37048

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5078189	2.447365	428.1902	14.93649	2.497225	14.93922	431.7873
Stddev	.0032956	.004506	1.1506	.03388	.001933	.01462	1.0687
%RSD	.6489819	.1841193	.2687034	.2267985	.0773972	.0978716	.2474982

#1	.5116217	2.442179	429.1453	14.89761	2.495735	14.92824	432.8284
#2	.5060391	2.450328	426.9128	14.95965	2.499409	14.93360	430.6930
#3	.5057957	2.449587	428.5123	14.95221	2.496530	14.95582	431.8404

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.26964	416.1444	2.482312	1.282515	415.6601	2.493799	14.45042
Stddev	.02304	1.0337	.005199	.007368	.7897	.008503	.07554
%RSD	.1508607	.2483890	.2094456	.5745118	.1899957	.3409711	.5227268

#1	15.29420	417.1097	2.479705	1.284115	416.4656	2.485784	14.39089
#2	15.24851	415.0538	2.488299	1.274479	414.8872	2.492896	14.42499
#3	15.26621	416.2696	2.478933	1.288952	415.6277	2.502718	14.53540

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	152.8035	5.113471	5.427630	4.864757	5.026836	5.014405	4.899380
Stddev	.2277	.023503	.036091	.009926	.018306	.043066	.006160
%RSD	.1490351	.4596323	.6649548	.2040306	.3641626	.8588507	.1257243

#1	152.7839	5.121739	5.465085	4.874994	5.025323	5.063592	4.894846
#2	152.5862	5.086951	5.393077	4.864101	5.009334	4.983470	4.896901
#3	153.0403	5.131724	5.424729	4.855176	5.045852	4.996154	4.906393

Sample Name: CCV033 Acquired: 05/22/2019 13:01:54 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCV033 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.976572	5.287136	5.017429
Stddev	.004716	.013037	.102220
%RSD	.0947603	.2465855	2.037306

#1	4.974271	5.301892	5.087520
#2	4.973447	5.282340	5.064630
#3	4.981996	5.277175	4.900138

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2814.924	3730.056	59156.70	8522.111	4141.966
Stddev	21.818	15.181	124.75	74.397	10.547
%RSD	.7750923	.4069977	.2108824	.8729908	.2546392

#1	2794.892	3721.001	59031.39	8436.926	4144.366
#2	2838.172	3721.584	59280.88	8574.325	4130.425
#3	2811.708	3747.582	59157.82	8555.084	4151.106

Sample Name: K2832-01 Acquired: 05/22/2019 12:57:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MA5196 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1943150	.0183168	.1070197	-.024661	-.004223	124.0089	.6847674
Stddev	.0039941	.0017619	.0021449	.001233	.002022	.4266	.0074336
%RSD	2.055496	9.618993	2.004173	5.000755	47.88725	.3440140	1.085563

#1	.1914400	.0163339	.1048728	-.024739	-.002461	123.6177	.6812285
#2	.1988757	.0197023	.1091625	-.025854	-.006432	124.4637	.6933092
#3	.1926295	.0189142	.1070238	-.023391	-.003777	123.9453	.6797644

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0072639	.0013399	15.20730	.4842531	.1240775	.2157148	207.7155
Stddev	.0000232	.0000827	.20762	.0008562	.0004413	.0026777	1.7249
%RSD	.3189345	6.173212	1.365281	.1768152	.3556956	1.241327	.8303965

#1	.0072873	.0013059	15.09765	.4851641	.1240292	.2164038	206.3007
#2	.0072410	.0012796	15.44675	.4834649	.1236624	.2179806	209.6369
#3	.0072635	.0014342	15.07749	.4841302	.1245411	.2127599	207.2089

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.618764	76.06001	.3987431	-.000918	.1798560	.3548852	.3941685
Stddev	.035447	.64331	.0012076	.000315	.3600120	.0021837	.0040663
%RSD	1.353594	.8457930	.3028613	34.31417	200.1668	.6153374	1.031625

#1	2.601962	75.71175	.3987832	-.001271	.5825835	.3548099	.3896598
#2	2.659488	76.80237	.3975158	-.000817	.0677482	.3571057	.3975580
#3	2.594841	75.66592	.3999301	-.000666	-.110764	.3527401	.3952877

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	30.43768	5.282615	.2734333	.0033543	1.388152	5.989617	.0007629
Stddev	.07909	.021513	.0058034	.0000885	.006523	.028985	.0013988
%RSD	.2598544	.4072458	2.122427	2.639777	.4698923	.4839168	183.3522

#1	30.36432	5.307370	.2699765	.0032748	1.385741	5.985292	.0022935
#2	30.52147	5.268447	.2801334	.0034497	1.383177	6.020521	-.000449
#3	30.42725	5.272027	.2701901	.0033385	1.395537	5.963037	.000444

Sample Name: K2832-01 Acquired: 05/22/2019 12:57:58 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MA5196 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	7.593085	.2272724	.0368000
Stddev	.055136	.0026980	.0001817
%RSD	.7261286	1.187140	.4936240

#1	7.566531	.2242412	.0370001
#2	7.656473	.2294112	.0366455
#3	7.556252	.2281649	.0367545

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3520.640	4635.222	70676.79	9914.178	4861.970
Stddev	8.540	7.269	177.83	43.104	4.408
%RSD	.2425823	.1568257	.2516110	.4347734	.0906592

#1	3524.616	4641.530	70882.00	9916.518	4858.553
#2	3526.467	4627.272	70567.65	9869.952	4866.945
#3	3510.836	4636.862	70580.73	9956.065	4860.411

Sample Name: CCB033 Acquired: 05/22/2019 13:23:28 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCB033 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004360	-.003048	-.000201	.0029301	-.001950	-.004923
Stddev	.000937	.001478	.001889	.0006273	.000069	.007216
%RSD	21.49109	48.48178	937.5253	21.40951	3.545875	146.5863

#1	-.004653	-.001383	.001413	.0022100	-.002027	.001874
#2	-.003311	-.003559	.000261	.0032216	-.001894	-.004147
#3	-.005115	-.004204	-.002279	.0033585	-.001928	-.012496

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006652	-.000113	.0000385	-.008380	.0002189	-.000501
Stddev	.0002854	.000033	.0000079	.004625	.0001790	.000215
%RSD	42.89986	29.63131	20.61381	55.18972	81.76766	42.79998

#1	.0009116	-.000076	.0000457	-.012418	.0003979	-.000721
#2	.0003525	-.000140	.0000399	-.003334	.0000400	-.000292
#3	.0007314	-.000122	.0000300	-.009389	.0002188	-.000492

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023704	-.047715	-.001863	.0319773	-.001140	.0001690
Stddev	.0017760	.008705	.000206	.0142858	.000151	.0002275
%RSD	74.92341	18.24462	11.08457	44.67489	13.27528	134.6240

#1	.0043981	-.042908	-.002021	.0482389	-.001171	-.000090
#2	.0010911	-.057764	-.001938	.0214475	-.001273	.000336
#3	.0016220	-.042472	-.001629	.0262455	-.000975	.000261

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.042461	.0005527	-.001004	-.997763	-.004276	-.002225
Stddev	.314997	.0013304	.000327	.081374	.000444	.000296
%RSD	741.8457	240.7336	32.58562	8.155654	10.38174	13.30049

#1	-.185491	-.000958	-.001359	-.906035	-.003764	-.002558
#2	.318674	.001066	-.000713	-1.06127	-.004527	-.002122
#3	-.260567	.001550	-.000941	-1.02599	-.004538	-.001994

Sample Name: CCB033 Acquired: 05/22/2019 13:23:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCB033 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000380	-.002098	-.007302	-.003644	.0010999	F -.020701
Stddev	.000302	.003214	.000209	.000276	.0004174	.001889
%RSD	79.55602	153.2038	2.858472	7.561663	37.95349	9.125426

#1	-.000719	-.005782	-.007209	-.003947	.0015121	-.020157
#2	-.000138	-.000644	-.007541	-.003579	.0006774	-.022803
#3	-.000283	.000133	-.007156	-.003407	.0011102	-.019144

Elem	Sr4077
Units	ppm
Avg	.0000164
Stddev	.0001514
%RSD	923.0435

#1	.0000616
#2	.0001401
#3	-.000152

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3308.025	4332.418	65871.49	9121.737	5005.347
Stddev	3.057	15.299	70.14	68.303	12.405
%RSD	.0924070	.3531337	.1064874	.7487978	.2478446

#1	3309.178	4349.177	65939.07	9091.078	5016.111
#2	3304.559	4328.878	65799.03	9074.136	5008.150
#3	3310.337	4319.199	65876.38	9199.998	4991.780

Sample Name: K2832-02 Acquired: 05/22/2019 13:27:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MA5197 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2500075	.0127787	.1008912	-.019269	-.003138	94.71586	.3858355
Stddev	.0004848	.0025302	.0019145	.001847	.002381	.55123	.0038373
%RSD	.1939352	19.80020	1.897537	9.583991	75.87063	.5819829	.9945424

#1	.2494897	.0117978	.1030938	-.018203	-.001471	95.31862	.3899059
#2	.2500822	.0108858	.0999523	-.021402	-.005864	94.23738	.3822842
#3	.2504507	.0156525	.0996273	-.018204	-.002078	94.59158	.3853163

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0075051	.0009893	14.95355	.3491101	.0535691	6.428234	176.1894
Stddev	.0001386	.0000864	.18315	.0027504	.0002229	.032977	1.3073
%RSD	1.847233	8.729536	1.224815	.7878281	.4160336	.5130086	.7419767

#1	.0076336	.0009367	15.16322	.3460469	.0533781	6.465700	177.6680
#2	.0075235	.0009422	14.82477	.3499156	.0535151	6.403608	175.1867
#3	.0073581	.0010890	14.87266	.3513678	.0538140	6.415394	175.7136

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.123520	50.59604	.2996957	-.007293	.8341221	.2090202	.3478689
Stddev	.011860	.27571	.0003895	.000330	.1572019	.0040674	.0061068
%RSD	1.055598	.5449273	.1299512	4.520066	18.84639	1.945941	1.755482

#1	1.137068	50.91309	.2992563	-.006918	.7623761	.2136762	.3476755
#2	1.115020	50.46258	.2999983	-.007429	.7255936	.2061582	.3540701
#3	1.118471	50.41246	.2998324	-.007534	1.014397	.2072262	.3418612

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.88959	6.262008	.2443015	.0053327	1.199969	3.270179	-.002434
Stddev	.09439	.010873	.0030764	.0002302	.005215	.025926	.001645
%RSD	.6795602	.1736294	1.259264	4.316465	.4346028	.7928112	67.57542

#1	13.98397	6.269125	.2478200	.0054412	1.197794	3.299836	-.000944
#2	13.79520	6.249493	.2429657	.0050683	1.205919	3.258896	-.004199
#3	13.88959	6.267406	.2421188	.0054885	1.196193	3.251807	-.002160

Sample Name: K2832-02 Acquired: 05/22/2019 13:27:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MA5197 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.750581	.1589788	.0405410
Stddev	.046852	.0010071	.0002575
%RSD	.9862356	.6334726	.6352124

#1	4.799176	.1599745	.0408372
#2	4.705692	.1590012	.0404155
#3	4.746875	.1579607	.0403702

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3558.637	4692.553	71560.81	9966.508	4895.852
Stddev	6.082	3.974	433.71	69.840	3.688
%RSD	.1709080	.0846781	.6060749	.7007477	.0753254

#1	3562.729	4688.122	72058.50	9886.187	4898.309
#2	3551.648	4693.739	71263.66	10000.42	4891.612
#3	3561.533	4695.799	71360.26	10012.92	4897.636

Sample Name: K2832-03 Acquired: 05/22/2019 13:31:34 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MA5198 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1000185	.0074778	.0717155	-.013580	-.002707	64.13072	.3675602
Stddev	.0033091	.0011391	.0003211	.003675	.001402	.27318	.0026972
%RSD	3.308503	15.23250	.4476799	27.06322	51.78071	.4259786	.7338212

#1	.1023607	.0066356	.0713567	-.012730	-.004092	63.99529	.3667646
#2	.0962328	.0087738	.0718142	-.017606	-.001289	63.95170	.3653503
#3	.1014618	.0070240	.0719757	-.010404	-.002740	64.44516	.3705658

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049692	.0008829	38.22729	.1911864	.0703008	.1425896	153.2927
Stddev	.0000359	.0000638	.22778	.0011443	.0002006	.0015650	.7986
%RSD	.7226135	7.229804	.5958538	.5985169	.2853910	1.097594	.5209331

#1	.0049286	.0009175	38.27975	.1920095	.0702346	.1439298	153.3457
#2	.0049825	.0009219	37.97786	.1898798	.0705262	.1429694	152.4690
#3	.0049966	.0008092	38.42427	.1916700	.0701417	.1408696	154.0635

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.024519	39.41074	.2112175	-.006417	1.315466	.1661372	.2667074
Stddev	.011301	.15977	.0003659	.000157	.043847	.0047222	.0024522
%RSD	.5582308	.4054063	.1732582	2.442027	3.333171	2.842333	.9194389

#1	2.025448	39.46838	.2114586	-.006563	1.265969	.1664170	.2643255
#2	2.012781	39.23014	.2113975	-.006252	1.330989	.1707132	.2665723
#3	2.035326	39.53369	.2107964	-.006437	1.349439	.1612813	.2692243

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.28783	7.213843	.1969643	.0063756	18.13956	2.571725	-.002140
Stddev	.11355	.023062	.0021905	.0003056	.07149	.023469	.000522
%RSD	.6209193	.3196854	1.112142	4.793231	.3940930	.9125857	24.40917

#1	18.41247	7.191414	.1944833	.0062079	18.07842	2.598639	-.002658
#2	18.19026	7.212627	.1977780	.0061905	18.12212	2.555526	-.002150
#3	18.26076	7.237489	.1986314	.0067283	18.21816	2.561009	-.001613

Sample Name: K2832-03 Acquired: 05/22/2019 13:31:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MA5198 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.217853	.1654018	.1161290
Stddev	.021876	.0027443	.0002290
%RSD	.5186516	1.659146	.1971972

#1	4.209874	.1668276	.1163860
#2	4.201087	.1622381	.1160545
#3	4.242599	.1671396	.1159465

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3512.624	4589.800	70369.60	9723.394	4905.888
Stddev	17.159	11.921	383.15	68.889	10.977
%RSD	.4884933	.2597364	.5444802	.7084913	.2237549

#1	3522.065	4589.096	70121.52	9660.849	4912.264
#2	3522.989	4602.057	70810.89	9797.232	4912.187
#3	3492.817	4578.246	70176.41	9712.099	4893.212

Sample Name: K2832-04 Acquired: 05/22/2019 13:35:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MA5199 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1260868	.0133139	.1430986	-.015711	-.005243	95.89405	.4159664
Stddev	.0036261	.0007022	.0007203	.001317	.002477	.48229	.0024008
%RSD	2.875860	5.274125	.5033791	8.385086	47.25561	.5029431	.5771581

#1	.1219093	.0139955	.1422669	-.014315	-.007783	95.34181	.4138145
#2	.1279297	.0133533	.1435075	-.016933	-.002833	96.23251	.4185559
#3	.1284212	.0125928	.1435214	-.015886	-.005113	96.10781	.4155289

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0064618	.0014749	16.25343	.2993261	.0874420	.3391191	165.2984
Stddev	.0001410	.0001147	.11066	.0002252	.0006622	.0015356	1.1750
%RSD	2.182176	7.774108	.6808614	.0752486	.7573400	.4528264	.7108596

#1	.0065187	.0015068	16.15675	.2991997	.0866780	.3378218	163.9815
#2	.0065655	.0013477	16.37413	.2991924	.0877956	.3408146	166.2399
#3	.0063013	.0015702	16.22941	.2995861	.0878524	.3387210	165.6738

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.995589	45.31296	.2577703	-.001807	.5794015	.2657646	.3735098
Stddev	.028977	.32868	.0007961	.000597	.3535872	.0026709	.0077835
%RSD	.9673322	.7253521	.3088337	33.01234	61.02628	1.004983	2.083870

#1	2.964426	44.98820	.2569508	-.002370	.8940337	.2688390	.3645269
#2	3.021721	45.64542	.2578196	-.001182	.1967438	.2640163	.3782516
#3	3.000621	45.30527	.2585406	-.001870	.6474269	.2644385	.3777510

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.32826	5.075746	.2379268	.0061333	2.410304	4.660509	.0127172
Stddev	.10681	.001305	.0006282	.0004736	.010544	.027505	.0004076
%RSD	.5827842	.0257111	.2640258	7.721415	.4374596	.5901625	3.205212

#1	18.29515	5.075207	.2372044	.0056016	2.404387	4.649406	.0130583
#2	18.44771	5.077234	.2383450	.0062885	2.404047	4.691829	.0122658
#3	18.24192	5.074796	.2382311	.0065099	2.422478	4.640291	.0128275

Sample Name: K2832-04 Acquired: 05/22/2019 13:35:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MA5199 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.941641	.2450176	.0506989
Stddev	.041661	.0034375	.0000660
%RSD	.7011629	1.402971	.1302453

#1	5.894077	.2419530	.0506496
#2	5.959190	.2487345	.0506732
#3	5.971656	.2443652	.0507739

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3455.558	4535.788	69268.96	9642.859	4928.863
Stddev	15.601	2.327	95.12	61.675	4.337
%RSD	.4514761	.0513134	.1373200	.6395917	.0880018

#1	3473.539	4536.216	69316.62	9666.059	4924.056
#2	3445.616	4537.872	69330.84	9572.949	4932.485
#3	3447.519	4533.277	69159.44	9689.570	4930.049

Sample Name: K2832-05 Acquired: 05/22/2019 13:39:28 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MA51A0 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2800028	.0107119	.0398984	-.016952	-.001574	32.30707	.3020203
Stddev	.0032094	.0014769	.0007285	.001860	.001615	.02614	.0019238
%RSD	1.146199	13.78745	1.825967	10.97103	102.6420	.0809048	.6369810

#1	.2775217	.0119332	.0399789	-.016431	-.000788	32.31850	.3042404
#2	.2788594	.0111321	.0391329	-.019017	-.003432	32.32554	.3008446
#3	.2836273	.0090704	.0405833	-.015409	-.000502	32.27716	.3009758

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0040540	.0012363	15.29314	.0719349	.0374282	.1025058	185.2300
Stddev	.0000192	.0001505	.07821	.0003487	.0001718	.0021250	.6871
%RSD	.4725215	12.16923	.5113895	.4847056	.4589062	2.073013	.3709210

#1	.0040557	.0013651	15.38335	.0716907	.0373118	.1008622	185.9920
#2	.0040341	.0010709	15.25177	.0723342	.0373474	.1049054	184.6577
#3	.0040723	.0012729	15.24431	.0717798	.0376255	.1017498	185.0404

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.543612	13.34396	.1257136	-.007899	.1949801	.0845139	.1395561
Stddev	.019094	.05237	.0000986	.000258	.1568285	.0008630	.0000507
%RSD	.5388282	.3924971	.0784346	3.271285	80.43307	1.021157	.0363181

#1	3.563436	13.33527	.1256594	-.007929	.0755215	.0849113	.1395710
#2	3.525342	13.29647	.1258274	-.007627	.3725755	.0851066	.1394996
#3	3.542057	13.40013	.1256540	-.008142	.1368433	.0835238	.1395976

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.936767	5.702809	.2368370	.0102681	.7983799	2.530853	-.001166
Stddev	.055043	.025410	.0000800	.0002397	.0025129	.011183	.001151
%RSD	1.114970	.4455763	.0337802	2.334189	.3147538	.4418504	98.72514

#1	4.995378	5.728130	.2368489	.0105332	.7957770	2.541519	.000147
#2	4.928755	5.677310	.2367518	.0100668	.7985705	2.519217	-.001998
#3	4.886169	5.702989	.2369105	.0102042	.8007920	2.531824	-.001646

Sample Name: K2832-05 Acquired: 05/22/2019 13:39:28 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MA51A0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.892570	.0530371	.0385463
Stddev	.002544	.0019096	.0001361
%RSD	.1344395	3.600463	.3529795

#1	1.895507	.0509399	.0384277
#2	1.891168	.0546755	.0386949
#3	1.891035	.0534958	.0385165

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3462.333	4523.185	68842.47	9704.003	4924.476
Stddev	11.013	7.212	135.70	31.752	12.450
%RSD	.3180679	.1594550	.1971120	.3272002	.2528158

#1	3462.563	4520.386	68828.26	9667.883	4924.476
#2	3473.229	4531.377	68984.71	9716.611	4936.926
#3	3451.207	4517.791	68714.44	9727.513	4912.026

Sample Name: K2832-06 Acquired: 05/22/2019 13:43:27 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MA51A1 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0738777	.0140260	.0818036	-.020907	-.003249	98.07068	.5684290
Stddev	.0031707	.0020731	.0024212	.000619	.000496	.29257	.0020944
%RSD	4.291861	14.78025	2.959759	2.960426	15.25345	.2983283	.3684627

#1	.0766668	.0117189	.0820425	-.021116	-.002713	97.73339	.5669134
#2	.0704291	.0146270	.0792718	-.020211	-.003690	98.22275	.5675548
#3	.0745371	.0157323	.0840965	-.021395	-.003345	98.25590	.5708190

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0067617	.0016001	47.03297	.3139589	.0960161	.1717949	211.1968
Stddev	.0000336	.0000955	.22768	.0008729	.0004657	.0020400	.4820
%RSD	.4971503	5.965944	.4840802	.2780397	.4850204	1.187440	.2282249

#1	.0067932	.0017104	46.92168	.3149632	.0956950	.1726340	210.6500
#2	.0067657	.0015436	46.88235	.3135306	.0958031	.1694692	211.3805
#3	.0067263	.0015464	47.29489	.3133829	.0965502	.1732815	211.5600

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.938895	61.59962	.3046337	-.008785	1.885477	.2573081	.3833036
Stddev	.007486	.12362	.0014540	.000509	.145871	.0047952	.0036244
%RSD	.2547080	.2006774	.4773120	5.795330	7.736583	1.863612	.9455569

#1	2.935841	61.51960	.3048325	-.008369	1.748505	.2528774	.3873279
#2	2.933419	61.53727	.3030905	-.009353	2.038860	.2623994	.3822864
#3	2.947425	61.74200	.3059782	-.008633	1.869066	.2566475	.3802965

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	29.65669	8.091650	.2681160	.0095712	14.22550	3.382754	-.001383
Stddev	.02287	.034972	.0055120	.0003862	.04739	.008837	.000668
%RSD	.0771181	.4321991	2.055826	4.034776	.3331142	.2612399	48.29757

#1	29.66128	8.125923	.2619837	.0099486	14.25802	3.388762	-.000840
#2	29.67691	8.056018	.2726580	.0095881	14.17113	3.372607	-.002129
#3	29.63187	8.093008	.2697063	.0091768	14.24736	3.386894	-.001181

Sample Name: K2832-06 Acquired: 05/22/2019 13:43:27 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MA51A1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	6.685948	.2585046	.1350615
Stddev	.016882	.0026345	.0002894
%RSD	.2525049	1.019118	.2142511

#1	6.670889	.2556044	.1347274
#2	6.682756	.2591596	.1352346
#3	6.704198	.2607498	.1352224

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3551.386	4659.408	71257.06	10013.23	4847.171
Stddev	15.657	13.819	207.37	53.89	15.554
%RSD	.4408654	.2965732	.2910203	.5381947	.3208792

#1	3568.403	4646.071	71397.49	10001.50	4831.030
#2	3537.590	4658.491	71018.88	10072.01	4862.062
#3	3548.166	4673.662	71354.82	9966.16	4848.421

Sample Name: K2832-08 Acquired: 05/22/2019 13:47:24 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MA51A3 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1010688	.0099408	.0687156	-.012664	-.005302	68.11216	.2691413
Stddev	.0037358	.0040942	.0008280	.000930	.000719	.23433	.0020519
%RSD	3.696267	41.18552	1.204951	7.344519	13.55429	.3440403	.7623704

#1	.1042250	.0085116	.0684094	-.013673	-.004680	67.96806	.2696559
#2	.1020371	.0067528	.0696531	-.011840	-.006089	67.98586	.2668812
#3	.0969441	.0145579	.0680843	-.012480	-.005137	68.38255	.2708869

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0047468	.0005432	12.74814	.5374635	.0633219	.7548222	138.5887
Stddev	.0000665	.0000853	.06847	.0012428	.0004070	.0026982	.7209
%RSD	1.400340	15.71013	.5370743	.2312409	.6427823	.3574604	.5201625

#1	.0047151	.0006284	12.72186	.5360300	.0632164	.7553359	138.2845
#2	.0047021	.0005437	12.69670	.5382394	.0629780	.7572265	138.0697
#3	.0048232	.0004577	12.82585	.5381210	.0637713	.7519040	139.4118

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.703069	41.76392	.2826069	-.005304	.5425300	.1747837	1.617644
Stddev	.011409	.36962	.0012032	.000525	.1827974	.0031051	.012414
%RSD	.6699199	.8850324	.4257587	9.901138	33.69350	1.776531	.7674414

#1	1.701336	41.52576	.2821151	-.004856	.4956733	.1781520	1.604858
#2	1.692625	41.57627	.2817275	-.005882	.3877221	.1720354	1.629650
#3	1.715245	42.18973	.2839781	-.005174	.7441948	.1741637	1.618427

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.96124	3.992925	.1774169	.0026048	.7478070	2.315413	.0160571
Stddev	.02823	.015496	.0009879	.0004749	.0037036	.017209	.0008564
%RSD	.2575137	.3880941	.5568003	18.23296	.4952652	.7432464	5.333621

#1	10.99292	3.986362	.1764038	.0029887	.7485304	2.309248	.0151322
#2	10.95203	3.981790	.1774695	.0020737	.7510956	2.302136	.0162162
#3	10.93877	4.010623	.1783774	.0027520	.7437951	2.334856	.0168228

Sample Name: K2832-08 Acquired: 05/22/2019 13:47:24 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MA51A3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.330235	.1921494	.0428492
Stddev	.022080	.0015312	.0000573
%RSD	.6630152	.7968629	.1336520

#1	3.314247	.1904443	.0428892
#2	3.321030	.1934068	.0427836
#3	3.355428	.1925971	.0428747

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3442.421	4485.737	68710.32	9550.638	4928.247
Stddev	9.380	15.697	272.84	69.967	7.886
%RSD	.2724879	.3499364	.3970874	.7325893	.1600133

#1	3440.407	4492.434	68805.77	9537.988	4932.775
#2	3434.212	4496.975	68402.57	9626.067	4932.825
#3	3452.645	4467.802	68922.61	9487.860	4919.141

Sample Name: K2832-09 Acquired: 05/22/2019 13:51:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MA51A4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1345673	.0072934	.0670022	-.012344	-.002966	95.46008	.3942111
Stddev	.0042292	.0013344	.0001288	.000570	.001231	.36903	.0016087
%RSD	3.142834	18.29650	.1923000	4.618691	41.51425	.3865852	.4080860

#1	.1357260	.0081692	.0670695	-.013002	-.002129	95.03501	.3926092
#2	.1380965	.0079533	.0670836	-.012010	-.004380	95.69861	.3958266
#3	.1298795	.0057575	.0668537	-.012020	-.002389	95.64661	.3941977

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0067799	.0006497	13.78307	.2104284	.0666594	.1506593	138.8554
Stddev	.0000269	.0000862	.07009	.0009065	.0001344	.0010899	.4966
%RSD	.3962950	13.26675	.5085477	.4307764	.2016916	.7234139	.3576654

#1	.0067493	.0007470	13.71284	.2105474	.0667939	.1495751	138.2828
#2	.0067993	.0006190	13.85302	.2112696	.0666591	.1506478	139.1691
#3	.0067913	.0005830	13.78336	.2094684	.0665251	.1517548	139.1142

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.326726	31.99015	.2428937	-.005879	.5739733	.1754787	.2951187
Stddev	.007819	.04365	.0004261	.000108	.0692895	.0003535	.0028054
%RSD	.5893110	.1364344	.1754239	1.833120	12.07190	.2014209	.9505881

#1	1.318302	31.94152	.2430235	-.005896	.4940708	.1750713	.2942762
#2	1.333750	32.02592	.2424179	-.005763	.6174925	.1756619	.2982487
#3	1.328126	32.00301	.2432399	-.005977	.6103565	.1757030	.2928311

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.62894	5.938589	.1799676	.0053751	.6315872	2.833402	.0008111
Stddev	.11586	.008869	.0013627	.0000711	.0031990	.011333	.0008961
%RSD	1.090076	.1493431	.7572067	1.322159	.5065049	.3999858	110.4932

#1	10.62930	5.937446	.1784106	.0053845	.6352790	2.820338	.0005402
#2	10.74462	5.947974	.1805491	.0054409	.6298508	2.840592	.0000816
#3	10.51290	5.930347	.1809431	.0052997	.6296320	2.839277	.0018114

Sample Name: K2832-09 Acquired: 05/22/2019 13:51:23 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MA51A4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.328266	.1187485	.0715766
Stddev	.018411	.0008079	.0001948
%RSD	.4253683	.6803436	.2722240

#1	4.307121	.1178263	.0713703
#2	4.340743	.1193314	.0717576
#3	4.336934	.1190878	.0716018

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3479.478	4567.089	69620.64	9687.766	4946.903
Stddev	14.635	14.131	154.85	46.152	13.447
%RSD	.4206037	.3094049	.2224223	.4763956	.2718289

#1	3483.536	4565.428	69478.10	9720.709	4938.952
#2	3463.242	4581.977	69598.42	9635.016	4962.429
#3	3491.655	4553.862	69785.40	9707.572	4939.329

Sample Name: K2832-10 Acquired: 05/22/2019 13:55:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MA51A5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2227393	.0153008	.1070866	-.019534	-.004107	68.62470	.3582861
Stddev	.0019595	.0012884	.0016917	.001397	.001378	.29352	.0022278
%RSD	.8797350	8.420188	1.579741	7.153574	33.56008	.4277206	.6218062

#1	.2207318	.0150571	.1055105	-.018994	-.004889	68.36321	.3567681
#2	.2228391	.0141517	.1088740	-.021121	-.002515	68.56869	.3572464
#3	.2246470	.0166936	.1068753	-.018487	-.004915	68.94219	.3608437

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054701	.0028317	17.56095	.3776716	.1327261	.2184654	206.0893
Stddev	.0000692	.0000203	.11688	.0004191	.0003586	.0026439	.9965
%RSD	1.264546	.7149912	.6655889	.1109590	.2701879	1.210232	.4835206

#1	.0055279	.0028171	17.45311	.3781508	.1324070	.2199531	205.1726
#2	.0054889	.0028232	17.54459	.3773738	.1331142	.2200304	205.9455
#3	.0053935	.0028548	17.68515	.3774902	.1326570	.2154128	207.1499

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.399200	46.73562	.3693294	-.008104	.4385835	.1953391	.3143343
Stddev	.014672	.32890	.0009648	.000083	.1991515	.0043764	.0039970
%RSD	.4316194	.7037557	.2612370	1.025861	45.40789	2.240414	1.271567

#1	3.389063	46.42772	.3689938	-.008016	.3064901	.1902922	.3156080
#2	3.392514	46.69701	.3685773	-.008114	.3416123	.1976395	.3098557
#3	3.416024	47.08212	.3704173	-.008181	.6676480	.1980855	.3175392

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.80176	4.848173	.2619973	.0082746	1.785774	2.464239	-.000614
Stddev	.01944	.031837	.0032673	.0000923	.006467	.025416	.000766
%RSD	.1799847	.6566731	1.247087	1.115058	.3621542	1.031381	124.7853

#1	10.77952	4.811684	.2624391	.0082899	1.780004	2.446259	-.001179
#2	10.81018	4.862546	.2585315	.0083583	1.784553	2.493316	.000258
#3	10.81557	4.870288	.2650212	.0081757	1.792765	2.453142	-.000922

Sample Name: K2832-10 Acquired: 05/22/2019 13:55:23 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MA51A5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.611864	.1707860	.0520061
Stddev	.012786	.0009974	.0001168
%RSD	.3540032	.5840262	.2245068

#1	3.601912	.1705746	.0519548
#2	3.607395	.1699112	.0521397
#3	3.626285	.1718722	.0519238

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3476.538	4571.574	70044.53	9705.016	4900.869
Stddev	20.778	4.615	102.40	23.858	9.647
%RSD	.5976683	.1009559	.1461943	.2458340	.1968485

#1	3483.160	4571.211	70094.01	9732.471	4910.625
#2	3493.198	4576.360	70112.80	9693.266	4900.646
#3	3453.256	4567.151	69926.79	9689.312	4891.335

Sample Name: K2832-11 Acquired: 05/22/2019 13:59:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MA51A6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2373262	.0162101	.1081648	-.018398	-.004007	79.29711	.4606361
Stddev	.0021439	.0016231	.0008084	.004022	.002005	.25236	.0043883
%RSD	.9033759	10.01283	.7473279	21.86249	50.03648	.3182523	.9526684

#1	.2363650	.0178567	.1081034	-.022121	-.005097	79.00692	.4557738
#2	.2397825	.0161620	.1073889	-.014131	-.001693	79.41924	.4643025
#3	.2358310	.0146115	.1090021	-.018942	-.005231	79.46518	.4618321

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062419	.0031886	14.27215	.4317460	.1288453	.2429523	180.4068
Stddev	.0000861	.0001788	.12093	.0010601	.0002040	.0018376	1.1461
%RSD	1.379569	5.607897	.8472906	.2455389	.1583322	.7563436	.6353102

#1	.0061428	.0033506	14.13316	.4329667	.1290520	.2438757	179.1284
#2	.0062851	.0032186	14.35323	.4310568	.1288398	.2408362	181.3426
#3	.0062979	.0029967	14.33006	.4312145	.1286441	.2441451	180.7495

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.461820	46.51179	.3626606	-.007254	.0789148	.2092845	.3488061
Stddev	.024219	.41356	.0016232	.000266	.0550383	.0023108	.0022226
%RSD	.6995889	.8891470	.4475801	3.665826	69.74388	1.104142	.6372013

#1	3.433906	46.05820	.3634496	-.007072	.1309796	.2115135	.3513289
#2	3.474313	46.86789	.3637385	-.007559	.0844444	.2094402	.3471365
#3	3.477241	46.60927	.3607938	-.007129	.0213205	.2068998	.3479529

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.70574	4.229277	.2278166	.0095879	1.020613	2.226303	-.000923
Stddev	.12276	.005212	.0028263	.0003289	.009576	.018837	.001209
%RSD	.8347615	.1232353	1.240609	3.430483	.9382181	.8461022	131.0541

#1	14.63888	4.229230	.2246222	.0094042	1.021944	2.209583	-.000999
#2	14.84742	4.234512	.2288349	.0093918	1.029454	2.246711	-.002091
#3	14.63093	4.224088	.2299926	.0099676	1.010442	2.222615	.000323

Sample Name: K2832-11 Acquired: 05/22/2019 13:59:19 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MA51A6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.167763	.1656936	.0523851
Stddev	.016498	.0027092	.0001496
%RSD	.3958367	1.635070	.2856280

#1	4.149551	.1626308	.0522155
#2	4.172032	.1666735	.0524418
#3	4.181706	.1677765	.0524982

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3499.651	4619.457	70031.12	9833.964	4912.562
Stddev	16.527	5.795	359.24	64.057	6.138
%RSD	.4722517	.1254383	.5129736	.6513838	.1249349

#1	3480.776	4618.403	69626.60	9881.013	4919.422
#2	3511.526	4614.262	70153.87	9761.012	4910.670
#3	3506.652	4625.706	70312.90	9859.867	4907.593

Sample Name: K2832-12 Acquired: 05/22/2019 14:03:15 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MA5192 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2788582	.0218548	.2539278	-.027372	-.028870	133.2847	.7304812
Stddev	.0018415	.0024328	.0034410	.004735	.002276	.3039	.0047737
%RSD	.6603810	11.13152	1.355106	17.29962	7.881959	.2280272	.6534955

#1	.2806023	.0194804	.2520077	-.022068	-.026340	132.9701	.7250206
#2	.2790396	.0217419	.2518753	-.028875	-.030750	133.5767	.7338630
#3	.2769326	.0243420	.2579003	-.031173	-.029520	133.3072	.7325599

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065211	.0009771	17.39647	6.094143	.0856518	1.223097	244.4900
Stddev	.0000805	.0000458	.10926	.006463	.0004124	.002744	.7931
%RSD	1.235009	4.690206	.6280740	.1060608	.4814868	.2243614	.3243964

#1	.0066013	.0009436	17.27181	6.091632	.0859391	1.221135	243.5744
#2	.0064402	.0010294	17.47562	6.101485	.0851792	1.221923	244.9304
#3	.0065218	.0009584	17.44199	6.089312	.0858370	1.226233	244.9651

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.881581	88.40562	.4694573	-.009805	.3674214	.3140728	.3541834
Stddev	.017448	.33319	.0009644	.000123	.2770337	.0031119	.0034362
%RSD	.6055174	.3768886	.2054246	1.250750	75.39944	.9908294	.9701804

#1	2.861635	88.02130	.4703187	-.009936	.6694049	.3150647	.3502254
#2	2.894016	88.58244	.4684154	-.009784	.3078199	.3165679	.3559212
#3	2.889094	88.61314	.4696377	-.009693	.1250395	.3105859	.3564036

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	30.47910	5.873547	.3139409	.0038425	1.101824	3.006207	-.001686
Stddev	.10486	.021225	.0027008	.0002964	.005603	.010207	.000783
%RSD	.3440272	.3613591	.8602743	7.713819	.5085171	.3395314	46.44985

#1	30.45761	5.851705	.3111392	.0036995	1.098260	2.994750	-.001960
#2	30.59303	5.894095	.3165279	.0041833	1.108282	3.009542	-.002295
#3	30.38665	5.874841	.3141556	.0036447	1.098930	3.014329	-.000803

Sample Name: K2832-12 Acquired: 05/22/2019 14:03:15 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MA5192 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	7.707669	.1989386	.0484713
Stddev	.035575	.0022796	.0000680
%RSD	.4615516	1.145863	.1402091

#1	7.669603	.1975200	.0485320
#2	7.740074	.2015681	.0483979
#3	7.713331	.1977277	.0484841

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3431.011	4570.227	69853.73	9856.103	4848.862
Stddev	7.457	10.626	173.44	25.156	8.686
%RSD	.2173383	.2324940	.2482923	.2552338	.1791359

#1	3423.417	4574.566	69985.39	9881.459	4852.540
#2	3431.294	4577.998	69657.21	9855.699	4855.103
#3	3438.322	4558.119	69918.60	9831.151	4838.941

Sample Name: K2832-13 Acquired: 05/22/2019 14:07:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MA5193 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0931270	.0155299	.0755011	-.022356	-.003211	90.32564	.5120719
Stddev	.0015991	.0027911	.0022492	.002177	.000364	.54309	.0057240
%RSD	1.717163	17.97216	2.979030	9.738420	11.34526	.6012597	1.117821

#1	.0943084	.0185672	.0777327	-.024037	-.002863	89.75155	.5055253
#2	.0913073	.0149445	.0732347	-.023135	-.003181	90.83124	.5145572
#3	.0937652	.0130780	.0755359	-.019897	-.003589	90.39414	.5161333

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0063753	.0016729	49.29858	.5130623	.0910688	.1903009	220.2253
Stddev	.0000966	.0001453	.40680	.0000631	.0002328	.0031823	1.4105
%RSD	1.515766	8.688162	.8251677	.0122932	.2556542	1.672231	.6404785

#1	.0063891	.0018132	48.83511	.5131339	.0908003	.1870860	218.5973
#2	.0064643	.0015229	49.46415	.5130150	.0911913	.1934496	221.0820
#3	.0062726	.0016825	49.59648	.5130380	.0912147	.1903671	220.9965

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.962744	57.50996	.3039887	-.009573	2.276960	.2341674	.3639214
Stddev	.024673	.43545	.0012145	.000523	.014173	.0017635	.0015314
%RSD	.8327664	.7571770	.3995081	5.461477	.6224572	.7530842	.4207939

#1	2.935335	57.01148	.3046980	-.009442	2.264806	.2321401	.3634797
#2	2.969717	57.70217	.3046816	-.009129	2.273545	.2350157	.3626594
#3	2.983179	57.81624	.3025863	-.010149	2.292528	.2353465	.3656250

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.90478	6.783651	.2802950	.0382559	22.09052	3.330504	-.000423
Stddev	.09674	.026997	.0024642	.0003080	.05908	.012527	.001985
%RSD	.3466709	.3979643	.8791460	.8050224	.2674606	.3761222	469.4971

#1	27.80674	6.792274	.2775751	.0385935	22.13114	3.322280	-.001612
#2	28.00016	6.753396	.2823788	.0379903	22.02274	3.344921	-.001525
#3	27.90745	6.805283	.2809312	.0381841	22.11769	3.324312	.001869

Sample Name: K2832-13 Acquired: 05/22/2019 14:07:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MA5193 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.773534	.2285248	.1556592
Stddev	.033075	.0020011	.0009821
%RSD	.5728661	.8756578	.6309312

#1	5.737963	.2265185	.1548462
#2	5.803360	.2285353	.1567504
#3	5.779279	.2305207	.1553810

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3480.426	4594.139	69950.90	9811.891	4861.278
Stddev	15.251	15.474	326.81	33.545	12.146
%RSD	.4382021	.3368193	.4672041	.3418816	.2498572

#1	3491.137	4581.491	70257.09	9850.215	4851.156
#2	3487.176	4611.393	69988.82	9797.600	4874.747
#3	3462.964	4589.533	69606.78	9787.859	4857.931

Sample Name: K2832-15 Acquired: 05/22/2019 14:15:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MA51A9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2244624	.0107625	.0749572	-.012985	-.001992	79.36520	.3460533
Stddev	.0022573	.0020203	.0011295	.000771	.000717	.24832	.0028597
%RSD	1.005636	18.77187	1.506906	5.933915	35.98674	.3128834	.8263660

#1	.2232230	.0095531	.0756266	-.013818	-.001530	79.29112	.3468237
#2	.2270679	.0130948	.0736531	-.012297	-.002818	79.16235	.3428873
#3	.2230965	.0096395	.0755920	-.012842	-.001628	79.64213	.3484488

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052610	.0010486	12.54558	.2226174	.1029376	.1439281	130.2500
Stddev	.0000759	.0000400	.09414	.0004627	.0004633	.0013320	.6438
%RSD	1.443349	3.817659	.7504169	.2078550	.4500264	.9254348	.4942625

#1	.0052645	.0010068	12.58236	.2221608	.1033160	.1447812	130.4913
#2	.0053351	.0010524	12.43860	.2230860	.1024210	.1423932	129.5204
#3	.0051833	.0010866	12.61578	.2226054	.1030758	.1446097	130.7382

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9722692	34.24210	.3482447	-.005670	.6482602	.1556267	.3605029
Stddev	.0057934	.24797	.0012883	.000136	.0740725	.0033833	.0004247
%RSD	.5958665	.7241627	.3699325	2.394786	11.42635	2.173994	.1178040

#1	.9746517	34.22873	.3497308	-.005514	.6795691	.1558678	.3607948
#2	.9656644	34.00108	.3474460	-.005733	.7015372	.1521292	.3600157
#3	.9764915	34.49648	.3475571	-.005762	.5636743	.1588829	.3606981

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.835692	4.883325	.1703816	.0037780	.1468532	2.883700	-.002773
Stddev	.118155	.000592	.0005127	.0000729	.0053682	.035044	.000869
%RSD	1.201293	.0121266	.3009447	1.929690	3.655496	1.215238	31.34197

#1	9.742466	4.882775	.1709381	.0036947	.1516374	2.883218	-.002530
#2	9.796037	4.883952	.1699283	.0038302	.1410477	2.848900	-.003738
#3	9.968575	4.883248	.1702783	.0038091	.1478744	2.918982	-.002051

Sample Name: K2832-15 Acquired: 05/22/2019 14:15:04 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MA51A9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.567886	.1258900	.0408821
Stddev	.008269	.0019982	.0000211
%RSD	.2317535	1.587240	.0515813

#1	3.572929	.1267168	.0408792
#2	3.558343	.1236111	.0408627
#3	3.572385	.1273421	.0409045

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3475.619	4580.921	69320.36	9738.783	4925.579
Stddev	22.839	7.030	488.39	115.702	11.351
%RSD	.6571250	.1534717	.7045377	1.188051	.2304487

#1	3484.896	4573.104	69788.24	9739.804	4913.858
#2	3492.360	4586.726	69359.09	9853.972	4936.519
#3	3449.601	4582.935	68813.76	9622.575	4926.361

Sample Name: K2832-14 Acquired: 05/22/2019 14:11:07 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MA51A8 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1776939	.0108225	.2039777	-.010191	-.003539	98.05544	.3602224
Stddev	.0022946	.0020653	.0004565	.002255	.002516	.16010	.0020876
%RSD	1.291324	19.08374	.2238128	22.12716	71.11089	.1632763	.5795440

#1	.1773298	.0084462	.2041600	-.008195	-.006169	97.95931	.3616552
#2	.1756032	.0118356	.2034581	-.012637	-.001155	97.96675	.3578271
#3	.1801489	.0121856	.2043148	-.009741	-.003291	98.24026	.3611849

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0058378	.0012799	10.42189	.2835376	.0733175	.4141515	141.2909
Stddev	.0000504	.0000054	.04360	.0002507	.0001331	.0016613	.4345
%RSD	.8632819	.4199022	.4183166	.0884201	.1815999	.4011437	.3075146

#1	.0058953	.0012777	10.45657	.2834633	.0731836	.4135545	141.6926
#2	.0058166	.0012860	10.37295	.2833325	.0734499	.4128711	140.8298
#3	.0058014	.0012760	10.43616	.2838171	.0733191	.4160288	141.3504

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.907157	36.55775	.2512120	.0424172	-.181652	.1785399	.3540679
Stddev	.010495	.14985	.0014007	.0003281	.293200	.0021854	.0023031
%RSD	.5502723	.4098874	.5575899	.7734476	161.4072	1.224037	.6504705

#1	1.915483	36.72920	.2520813	.0426164	.053225	.1760719	.3536906
#2	1.895369	36.45188	.2495961	.0420386	-.087926	.1793182	.3519767
#3	1.910620	36.49216	.2519584	.0425967	-.510257	.1802297	.3565364

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.499279	6.382120	.1840084	.0038323	.6623326	6.124336	.0131549
Stddev	.115156	.010988	.0008912	.0007180	.0043870	.016502	.0006385
%RSD	1.212262	.1721677	.4843498	18.73506	.6623539	.2694465	4.854046

#1	9.631014	6.394807	.1841284	.0043847	.6659209	6.139914	.0138460
#2	9.417749	6.375662	.1848335	.0030207	.6636349	6.126050	.0130319
#3	9.449073	6.375891	.1830632	.0040915	.6574419	6.107044	.0125868

Sample Name: K2832-14 Acquired: 05/22/2019 14:11:07 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MA51A8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.775831	.1405793	.0286179
Stddev	.025865	.0012948	.0000665
%RSD	.5415827	.9210769	.2321893

#1	4.776040	.1396840	.0286333
#2	4.749862	.1399900	.0286753
#3	4.801591	.1420640	.0285451

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3443.053	4515.490	68804.35	9610.309	4949.302
Stddev	37.485	13.716	746.19	96.589	12.592
%RSD	1.088716	.3037610	1.084510	1.005060	.2544158

#1	3411.459	4523.187	68281.18	9500.150	4955.323
#2	3484.472	4523.629	69658.83	9680.500	4957.752
#3	3433.227	4499.654	68473.05	9650.276	4934.829

Sample Name: K2832-16 Acquired: 05/22/2019 14:19:01 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MA51B0 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0846343	.0097334	.0494959	-.016896	-.000512	40.83520	.2079729
Stddev	.0023290	.0014550	.0013775	.000645	.002090	.09604	.0016551
%RSD	2.751880	14.94812	2.782968	3.815973	408.3401	.2351958	.7958358

#1	.0826235	.0110440	.0496413	-.017615	-.001406	40.90306	.2095563
#2	.0871863	.0081678	.0507949	-.016368	.001877	40.72531	.2062544
#3	.0840931	.0099885	.0480516	-.016705	-.002007	40.87724	.2081079

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0035549	.0009770	55.49391	.1220828	.0775774	.1393696	151.7262
Stddev	.0000358	.0000746	.42307	.0005545	.0006575	.0003329	.3745
%RSD	1.005960	7.638710	.7623634	.4541870	.8475249	.2388783	.2468417

#1	.0035917	.0010401	55.85704	.1226111	.0769736	.1396870	151.8972
#2	.0035527	.0009963	55.02935	.1221319	.0774807	.1390231	151.2967
#3	.0035203	.0008946	55.59534	.1215054	.0782779	.1393989	151.9847

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.886155	35.93271	.3066016	-.006527	1.247724	.1021585	.2101759
Stddev	.012165	.28859	.0007110	.000308	.230195	.0014606	.0057802
%RSD	.4214826	.8031274	.2319072	4.721100	18.44915	1.429755	2.750155

#1	2.893497	36.10713	.3062057	-.006188	1.301819	.1007163	.2078344
#2	2.872113	35.59961	.3061766	-.006790	1.446054	.1036369	.2167595
#3	2.892854	36.09140	.3074224	-.006603	.995300	.1021222	.2059339

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.001493	6.190378	.1916181	.0043857	16.28717	4.067307	-.003229
Stddev	.034194	.031719	.0000956	.0002721	.01884	.038419	.000828
%RSD	.3798743	.5123958	.0499144	6.204026	.1156957	.9445924	25.63426

#1	9.028552	6.159927	.1915079	.0045805	16.27505	4.106175	-.003298
#2	9.012867	6.187977	.1916679	.0045017	16.27757	4.029352	-.004020
#3	8.963062	6.223229	.1916787	.0040748	16.30888	4.066394	-.002369

Sample Name: K2832-16 Acquired: 05/22/2019 14:19:01 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MA51B0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.601970	.0899153	.1947577
Stddev	.010389	.0053158	.0005215
%RSD	.3992624	5.911985	.2677505

#1	2.611475	.0943764	.1951533
#2	2.590880	.0840335	.1941667
#3	2.603554	.0913359	.1949530

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3453.912	4522.432	68972.59	9696.662	4927.833
Stddev	19.816	6.401	261.63	79.739	5.188
%RSD	.5737178	.1415485	.3793193	.8223371	.1052821

#1	3458.644	4515.320	68793.41	9614.246	4921.895
#2	3432.159	4527.734	68851.54	9773.423	4931.484
#3	3470.934	4524.241	69272.82	9702.317	4930.122

Sample Name: K2832-17 Acquired: 05/22/2019 14:22:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MA51B0D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0874718	.0095707	.0500671	-.012777	-.002007	41.67678	.2147143
Stddev	.0010999	.0008788	.0013571	.000993	.000954	.06102	.0006106
%RSD	1.257398	9.181735	2.710658	7.773919	47.51781	.1464232	.2843690

#1	.0876450	.0085561	.0485037	-.012008	-.002980	41.73463	.2144581
#2	.0884748	.0100875	.0507556	-.012424	-.001967	41.61301	.2142736
#3	.0862956	.0100686	.0509420	-.013898	-.001074	41.68271	.2154113

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0035378	.0009976	57.17345	.1226855	.0712988	.1274403	152.5354
Stddev	.0001074	.0000501	.14406	.0001450	.0002496	.0014212	.3595
%RSD	3.035420	5.025015	.2519742	.1181593	.3500856	1.115204	.2356640

#1	.0036518	.0009412	57.00795	.1228527	.0712655	.1271287	152.4552
#2	.0035229	.0010145	57.24161	.1225957	.0710675	.1262008	152.2229
#3	.0034385	.0010371	57.27077	.1226080	.0715633	.1289915	152.9283

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.874146	36.56847	.2764337	-.006110	1.013150	.1052325	.2100747
Stddev	.006381	.07609	.0007468	.000685	.289291	.0025745	.0026063
%RSD	.2220193	.2080628	.2701626	11.20319	28.55357	2.446451	1.240652

#1	2.870973	36.52412	.2760875	-.005321	.717990	.1023565	.2078469
#2	2.869973	36.52497	.2759228	-.006469	1.025271	.1073218	.2094364
#3	2.881492	36.65633	.2772908	-.006541	1.296190	.1060193	.2129409

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.258955	6.275116	.1902281	.0043912	15.81272	5.338792	-.003219
Stddev	.022254	.028253	.0009730	.0003677	.07365	.029494	.000875
%RSD	.2403547	.4502381	.5114853	8.373961	.4657750	.5524393	27.18278

#1	9.261107	6.291702	.1906312	.0044383	15.84956	5.315830	-.002336
#2	9.235703	6.242493	.1891184	.0040022	15.72792	5.372055	-.003236
#3	9.280055	6.291151	.1909348	.0047331	15.86069	5.328492	-.004085

Sample Name: K2832-17 Acquired: 05/22/2019 14:22:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MA51B0D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.729676	.0921451	.2003972
Stddev	.002866	.0017290	.0004502
%RSD	.1049834	1.876380	.2246761

#1	2.726384	.0926546	.2009146
#2	2.731030	.0935622	.2000946
#3	2.731614	.0902187	.2001824

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3439.057	4519.124	68946.92	9618.569	4921.359
Stddev	14.675	12.507	462.36	32.816	12.007
%RSD	.4267300	.2767633	.6706009	.3411700	.2439812

#1	3424.417	4522.534	68429.57	9587.394	4928.199
#2	3453.768	4529.572	69319.77	9615.503	4928.383
#3	3438.987	4505.265	69091.43	9652.810	4907.495

Sample Name: K2832-16LX5 Acquired: 05/22/2019 14:30:47 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MA51B0L Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0187655	.0003870	.0111363	-.002745	-.001484	8.618708	.0448964
Stddev	.0031330	.0014357	.0008753	.001821	.001400	.014455	.0002752
%RSD	16.69557	371.0087	7.860164	66.36239	94.31025	.1677135	.6129153

#1	.0160903	.0015610	.0102746	-.002780	-.000957	8.629997	.0446705
#2	.0222122	-.001214	.0111097	-.004548	-.000425	8.602416	.0452028
#3	.0179941	.000814	.0120247	-.000906	-.003071	8.623711	.0448158

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007120	.0001775	11.86527	.0256967	.0143955	.0381733	31.40499
Stddev	.0000654	.0000743	.13532	.0004492	.0003072	.0024118	.14557
%RSD	9.183325	41.84229	1.140452	1.747922	2.134175	6.318057	.4635357

#1	.0007315	.0001327	11.93459	.0255259	.0147499	.0409303	31.48460
#2	.0006391	.0002632	11.95189	.0253580	.0142306	.0364541	31.49339
#3	.0007655	.0001365	11.70934	.0262062	.0142059	.0371355	31.23697

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6082676	7.612323	.0565151	-.001213	-.151367	.0217882	.0456865
Stddev	.0056704	.022485	.0005079	.000201	.156602	.0008023	.0022623
%RSD	.9322279	.2953789	.8986853	16.60390	103.4583	3.682489	4.951887

#1	.6096856	7.625731	.0559354	-.001046	-.316058	.0225936	.0448194
#2	.6130945	7.624873	.0568819	-.001157	-.004354	.0217821	.0482541
#3	.6020228	7.586364	.0567280	-.001437	-.133690	.0209889	.0439859

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.703779	1.255492	.0363781	.0006548	3.222530	.9843622	-.003286
Stddev	.064815	.009811	.0019746	.0001866	.022607	.0062862	.001083
%RSD	3.804176	.7814551	5.428104	28.49669	.7015207	.6386065	32.96370

#1	1.773198	1.246884	.0341654	.0004654	3.206093	.9873489	-.003119
#2	1.644848	1.253420	.0379612	.0008385	3.213187	.9885983	-.004442
#3	1.693290	1.266174	.0370075	.0006605	3.248311	.9771395	-.002295

Sample Name: K2832-16LX5 Acquired: 05/22/2019 14:30:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MA51B0L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5616727	.0174967	.0412599
Stddev	.0031125	.0028557	.0000410
%RSD	.5541492	16.32159	.0993509

#1	.5633047	.0176343	.0413071
#2	.5636299	.0202812	.0412389
#3	.5580836	.0145747	.0412337

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3301.683	4320.501	65804.24	9113.444	4947.962
Stddev	11.447	4.867	260.16	62.186	6.053
%RSD	.3466869	.1126425	.3953506	.6823576	.1223315

#1	3288.585	4321.485	65526.79	9072.732	4942.041
#2	3309.767	4324.800	65843.23	9082.575	4954.139
#3	3306.697	4315.217	66042.71	9185.025	4947.704

Sample Name: K2832-18 Acquired: 05/22/2019 14:26:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MA51B0S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1701584	.1198822	.0890721	.0728454	.1064321	46.12990	4.451584
Stddev	.0009147	.0024966	.0002719	.0020243	.0010644	.08495	.016829
%RSD	.5375534	2.082511	.3052850	2.778940	1.000045	.1841642	.3780355

#1	.1696019	.1202716	.0890724	.0730812	.1055774	46.05604	4.465763
#2	.1696592	.1172138	.0888000	.0707135	.1076243	46.11092	4.456003
#3	.1712140	.1221612	.0893439	.0747416	.1060947	46.22274	4.432987

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1043994	.1084930	55.94330	.5297334	1.121511	.5202516	148.4668
Stddev	.0008467	.0002325	.18709	.0019977	.001861	.0030345	.0346
%RSD	.8110236	.2143177	.3344352	.3771054	.1659137	.5832834	.0233182

#1	.1036567	.1083730	56.05173	.5277021	1.121256	.5200039	148.4745
#2	.1053214	.1083450	56.05091	.5298025	1.119791	.5173485	148.4290
#3	.1042201	.1087610	55.72726	.5316956	1.123486	.5234024	148.4970

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.709470	35.16061	1.291108	.0976422	1.138129	1.103685	1.173984
Stddev	.011428	.06093	.002555	.0007237	.262080	.003165	.009642
%RSD	.3080715	.1733003	.1979103	.7411927	23.02726	.2867639	.8213031

#1	3.719002	35.17234	1.292109	.0969855	1.419436	1.100899	1.179370
#2	3.712607	35.21482	1.288204	.0984181	.900855	1.103031	1.162852
#3	3.696801	35.09466	1.293012	.0975231	1.094094	1.107126	1.179730

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.335124	6.322566	.1887418	.0047305	14.98909	2.744685	1.138403
Stddev	.007111	.019485	.0009206	.0000583	.05088	.016351	.005083
%RSD	.0761717	.3081764	.4877386	1.231382	.3394239	.5957183	.4465254

#1	9.333510	6.303376	.1879680	.0047038	14.99732	2.729785	1.139432
#2	9.342903	6.321990	.1884977	.0046903	14.93460	2.762177	1.132884
#3	9.328959	6.342333	.1897599	.0047973	15.03534	2.742093	1.142894

Sample Name: K2832-18 Acquired: 05/22/2019 14:26:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MA51B0S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.806233	.0940205	.1838095
Stddev	.001118	.0025160	.0003441
%RSD	.0398373	2.676038	.1871853

#1	2.807392	.0963953	.1836598
#2	2.805162	.0913837	.1835656
#3	2.806146	.0942824	.1842030

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3381.641	4485.852	68227.19	9581.893	4889.392
Stddev	9.168	6.564	124.70	59.270	8.125
%RSD	.2711213	.1463345	.1827692	.6185589	.1661700

#1	3373.894	4480.958	68352.48	9640.346	4880.016
#2	3391.763	4483.287	68225.99	9521.840	4894.365
#3	3379.266	4493.312	68103.09	9583.494	4893.795

Sample Name: K2832-19 Acquired: 05/22/2019 14:34:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MA51B1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0715566	.0060194	.0383603	-.008356	-.001109	33.26950	.1644729
Stddev	.0027149	.0001338	.0024196	.000422	.000665	.01594	.0006205
%RSD	3.794033	2.222165	6.307485	5.053112	59.97898	.0479233	.3772331

#1	.0746714	.0060915	.0355931	-.008736	-.000463	33.28626	.1651218
#2	.0696924	.0061016	.0400774	-.007902	-.001792	33.25453	.1644112
#3	.0703061	.0058650	.0394105	-.008429	-.001072	33.26770	.1638856

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0027114	.0006336	45.86830	.0990154	.0510843	.0993590	110.5755
Stddev	.0000517	.0001079	.05754	.0002671	.0003269	.0012389	.1234
%RSD	1.905577	17.02741	.1254542	.2697504	.6398326	1.246849	.1116388

#1	.0026885	.0005148	45.85088	.0990458	.0508259	.0994450	110.5957
#2	.0027706	.0007255	45.82149	.0992660	.0509752	.0980794	110.6876
#3	.0026752	.0006605	45.93255	.0987344	.0514517	.1005526	110.4432

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.705624	28.27911	.1733956	-.004698	.8925320	.0841655	.1714253
Stddev	.004176	.10643	.0005395	.000327	.0677035	.0052149	.0014526
%RSD	.2448569	.3763499	.3111529	6.953943	7.585551	6.195961	.8473784

#1	1.705346	28.39633	.1727739	-.004328	.9186523	.0855531	.1718746
#2	1.701593	28.25243	.1737407	-.004947	.8156592	.0783972	.1698011
#3	1.709932	28.18855	.1736722	-.004820	.9432846	.0885463	.1726001

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.925093	6.136950	.1380054	.0039137	14.79329	2.833676	-.002097
Stddev	.051055	.025640	.0008764	.0003740	.07284	.010819	.000487
%RSD	.7372511	.4177954	.6350761	9.554801	.4924040	.3817865	23.22328

#1	6.924278	6.107971	.1378095	.0042096	14.71758	2.831667	-.002414
#2	6.874450	6.146186	.1389632	.0034934	14.86287	2.824002	-.002341
#3	6.976551	6.156692	.1372434	.0040381	14.79943	2.845358	-.001536

Sample Name: K2832-19 Acquired: 05/22/2019 14:34:50 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MA51B1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.179725	.0716717	.1396560
Stddev	.008224	.0008234	.0002448
%RSD	.3773167	1.148776	.1753100

#1	2.175532	.0707462	.1397460
#2	2.174441	.0719461	.1398431
#3	2.189201	.0723228	.1393789

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3441.113	4486.677	68608.98	9555.190	4926.619
Stddev	25.650	12.026	206.65	65.894	11.488
%RSD	.7453994	.2680477	.3012038	.6896168	.2331910

#1	3412.063	4498.562	68371.91	9484.092	4938.539
#2	3460.637	4486.954	68751.06	9614.210	4925.703
#3	3450.640	4474.514	68703.96	9567.269	4915.617

Sample Name: CCV034 Acquired: 05/22/2019 14:47:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV034 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.879313	4.922303	24.47076	4.889607	4.939978	411.2535	10.41413
Stddev	.016730	.024136	.05851	.021165	.009573	6.3166	.11950
%RSD	.3428681	.4903475	.2391160	.4328489	.1937926	1.535933	1.147457

#1	4.898156	4.904571	24.47193	4.891767	4.948057	415.2786	10.47050
#2	4.866205	4.912548	24.41167	4.867444	4.929404	403.9733	10.27687
#3	4.873578	4.949790	24.52868	4.909608	4.942472	414.5085	10.49501

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5080369	2.433902	428.5090	14.96650	2.486365	14.92883	430.8620
Stddev	.0032286	.006083	4.7421	.02275	.003782	.03068	3.5126
%RSD	.6355138	.2499131	1.106661	.1520320	.1521026	.2055146	.8152532

#1	.5058837	2.435814	430.0947	14.94489	2.487212	14.90577	431.7709
#2	.5064778	2.427094	423.1772	14.96436	2.482231	14.91705	426.9843
#3	.5117492	2.438800	432.2551	14.99025	2.489651	14.96365	433.8309

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.26132	416.1126	2.473534	1.304215	414.8557	2.488339	14.55691
Stddev	.16507	3.6244	.001418	.008496	3.6434	.016155	.07081
%RSD	1.081643	.8710218	.0573168	.6514359	.8782304	.6492180	.4864119

#1	15.31078	416.5287	2.473282	1.295052	414.5933	2.487811	14.60912
#2	15.07716	412.2981	2.472259	1.305761	411.3505	2.472455	14.58529
#3	15.39600	419.5110	2.475061	1.311832	418.6231	2.504751	14.47631

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	152.3581	5.206101	5.437301	4.869378	5.069416	5.026453	4.893156
Stddev	.4686	.020544	.045609	.012607	.015450	.041051	.004243
%RSD	.3075896	.3946157	.8388195	.2589031	.3047632	.8166942	.0867065

#1	152.0144	5.191400	5.410602	4.873038	5.065721	4.993299	4.888327
#2	152.1679	5.197327	5.411337	4.855346	5.056148	5.013690	4.896284
#3	152.8919	5.229575	5.489964	4.879749	5.086378	5.072369	4.894857

Sample Name: CCV034 Acquired: 05/22/2019 14:47:05 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCV034 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.994508	5.279171	5.017302
Stddev	.018979	.077217	.052833
%RSD	.3799895	1.462664	1.053009

#1	5.002115	5.295928	5.021628
#2	4.972906	5.194951	4.962440
#3	5.008503	5.346632	5.067839

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2791.687	3702.044	58639.47	8537.083	4130.457
Stddev	12.619	6.103	98.39	46.957	5.265
%RSD	.4520033	.1648439	.1677796	.5500335	.1274629

#1	2782.953	3696.357	58578.78	8534.369	4126.945
#2	2785.952	3708.491	58752.98	8585.338	4136.510
#3	2806.154	3701.283	58586.63	8491.542	4127.916

Sample Name: CCB034 Acquired: 05/22/2019 15:01:51 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCB034 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001646	-.002319	-.000651	.0024054	-.002624	-.014012
Stddev	.000623	.000186	.001760	.0021069	.001438	.006779
%RSD	37.84104	8.013372	270.3030	87.59222	54.81173	48.37861

#1	-.002084	-.002113	-.001095	-.000018	-.001487	-.014554
#2	-.001921	-.002473	-.002147	.003805	-.004241	-.020504
#3	-.000933	-.002372	.001288	.003429	-.002144	-.006979

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003643	-.000067	-.000004	-.011994	.0000735	-.000433
Stddev	.0003970	.000038	.000022	.009169	.0004568	.000408
%RSD	108.9748	56.37725	562.4213	76.44485	621.5069	94.03924

#1	.0005649	-.000030	-.000006	-.015435	.0002597	.000037
#2	.0006211	-.000065	.000019	-.018945	.0004078	-.000677
#3	-.000093	-.000105	-.000025	-.001603	-.000447	-.000661

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004907	-.047565	-.001943	-.008777	-.001136	.0005125
Stddev	.0024244	.003720	.000383	.012895	.000198	.0001444
%RSD	494.0430	7.821489	19.71270	146.9247	17.45439	28.18680

#1	.0020340	-.043726	-.002173	-.004014	-.000968	.0005368
#2	.0017419	-.047815	-.001501	.001060	-.001086	.0003574
#3	-.002304	-.051154	-.002156	-.023376	-.001355	.0006432

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.356974	.0007050	-.001840	-.966275	-.003467	-.003152
Stddev	.264841	.0036716	.001527	.051797	.000941	.000862
%RSD	74.19045	520.7778	82.98539	5.360507	27.13579	27.34210

#1	-.662563	.0032030	-.002646	-1.00726	-.003142	-.004113
#2	-.214286	-.003511	-.002796	-.90806	-.004527	-.002894
#3	-.194073	.002423	-.000079	-.98351	-.002732	-.002448

Sample Name: CCB034 Acquired: 05/22/2019 15:01:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCB034 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000235	-.003227	-.008024	-.003149	.0018278	F -.020719
Stddev	.000105	.004060	.001285	.000762	.0006479	.000587
%RSD	44.68281	125.8363	16.01103	24.20336	35.44679	2.833743

#1	-.000294	-.007211	-.007755	-.003032	.0023554	-.020157
#2	-.000114	-.003375	-.006895	-.003963	.0020235	-.020673
#3	-.000297	.000906	-.009422	-.002452	.0011047	-.021328

Elem	Sr4077
Units	ppm
Avg	.0000248
Stddev	.0001330
%RSD	535.9490

#1	.0001775
#2	-.000065
#3	-.000038

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3318.276	4363.242	65689.05	9186.640	5054.723
Stddev	22.601	4.379	352.75	52.239	11.481
%RSD	.6811023	.1003557	.5370023	.5686417	.2271305

#1	3298.095	4358.870	65461.03	9231.303	5047.761
#2	3342.696	4367.628	66095.36	9129.197	5067.974
#3	3314.037	4363.228	65510.76	9199.420	5048.434

Sample Name: K2831-10 Acquired: 05/22/2019 15:57:53 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MA5178 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3057097	.0121344	.1071138	-.015872	-.002278	70.61187	.2841531
Stddev	.0029823	.0031630	.0005649	.002695	.001501	.22509	.0024986
%RSD	.9755205	26.06638	.5273454	16.97962	65.86550	.3187774	.8793187

#1	.3042529	.0093198	.1071563	-.013574	-.003975	70.44924	.2813288
#2	.3037358	.0115259	.1065290	-.015204	-.001732	70.51760	.2850545
#3	.3091404	.0155574	.1076563	-.018838	-.001127	70.86877	.2860759

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0045751	.0012825	18.64218	.2703418	.0987010	.1441459	191.6893
Stddev	.0000506	.0001530	.14074	.0004899	.0003845	.0028879	1.0110
%RSD	1.105513	11.92913	.7549515	.1812154	.3895361	2.003481	.5274225

#1	.0045693	.0014439	18.48027	.2705334	.0982669	.1472679	190.5413
#2	.0045277	.0011395	18.73523	.2707071	.0988376	.1436000	192.4468
#3	.0046284	.0012641	18.71105	.2697851	.0989985	.1415699	192.0799

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.953610	49.37041	.3286653	-.007671	-.108343	.1962852	.3088987
Stddev	.016280	.42730	.0012009	.000545	.290019	.0019990	.0051190
%RSD	.5511863	.8654911	.3653975	7.101682	267.6845	1.018392	1.657163

#1	2.934824	48.89071	.3295830	-.008200	-.041574	.1961293	.3032546
#2	2.963595	49.71026	.3273061	-.007699	-.425924	.1983576	.3102004
#3	2.962410	49.51026	.3291068	-.007112	.142467	.1943688	.3132411

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.41758	4.448816	.2460045	.0030821	.5395044	4.330846	-.003315
Stddev	.02019	.007807	.0040204	.0001551	.0110180	.007243	.000985
%RSD	.1400486	.1754873	1.634287	5.032400	2.042241	.1672420	29.69850

#1	14.40418	4.457206	.2420068	.0031519	.5520572	4.335901	-.004443
#2	14.44080	4.441765	.2500473	.0029044	.5350214	4.334089	-.002881
#3	14.40775	4.447476	.2459594	.0031900	.5314346	4.322548	-.002623

Sample Name: K2831-10 Acquired: 05/22/2019 15:57:53 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MA5178 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.083221	.1601514	.0612445
Stddev	.014572	.0017501	.0000500
%RSD	.3568672	1.092784	.0816376

#1	4.074437	.1581705	.0611888
#2	4.075183	.1614880	.0612593
#3	4.100041	.1607957	.0612854

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3410.784	4493.049	68709.14	9677.943	4898.381
Stddev	21.199	3.085	360.19	49.301	7.340
%RSD	.6215171	.0686642	.5242248	.5094182	.1498524

#1	3434.619	4493.257	68971.84	9712.295	4890.627
#2	3394.040	4496.024	68298.54	9621.454	4905.222
#3	3403.694	4489.865	68857.04	9700.082	4899.294

Sample Name: K2831-25 Acquired: 05/22/2019 16:53:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MA5191 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1301761	.0188386	.1695238	-.019778	-.004178	111.7429	.4307557
Stddev	.0030251	.0005316	.0006852	.001440	.001338	.1428	.0013374
%RSD	2.323879	2.821906	.4042129	7.278351	32.03643	.1277802	.3104772

#1	.1321176	.0189096	.1691503	-.021373	-.004404	111.6608	.4312303
#2	.1266906	.0182751	.1703147	-.018577	-.005389	111.6600	.4292458
#3	.1317202	.0193312	.1691065	-.019384	-.002741	111.9077	.4317912

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0077633	.0014893	20.80739	.4365455	.1144915	.2493239	208.4650
Stddev	.0001509	.0001090	.06742	.0022644	.0002624	.0015443	.4466
%RSD	1.943091	7.318771	.3240181	.5187209	.2291456	.6193731	.2142184

#1	.0079002	.0015893	20.82186	.4356726	.1144364	.2510637	208.7713
#2	.0077882	.0015054	20.73391	.4391164	.1147770	.2487923	207.9526
#3	.0076016	.0013731	20.86639	.4348474	.1142610	.2481156	208.6711

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.900248	60.17664	.3628783	-.002072	.7214217	.3438011	.4417031
Stddev	.015335	.04051	.0002334	.000119	.0936024	.0028765	.0013487
%RSD	.3931735	.0673169	.0643102	5.753991	12.97471	.8366624	.3053390

#1	3.904995	60.21630	.3629045	-.002104	.7265391	.3423737	.4423438
#2	3.883101	60.13533	.3626329	-.001940	.8123604	.3419176	.4401534
#3	3.912647	60.17828	.3630974	-.002172	.6253656	.3471121	.4426120

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.03247	6.441288	.2682818	.0077331	2.390545	12.21298	.0047805
Stddev	.11640	.003110	.0062681	.0004784	.006623	.12825	.0021087
%RSD	.5534197	.0482837	2.336374	6.186630	.2770500	1.050098	44.10922

#1	21.15889	6.444409	.2701746	.0074620	2.397988	12.21262	.0038869
#2	21.00879	6.438189	.2612855	.0074519	2.388346	12.34141	.0071889
#3	20.92974	6.441264	.2733854	.0082855	2.385302	12.08491	.0032659

Sample Name: K2831-25 Acquired: 05/22/2019 16:53:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MA5191 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	7.226170	.4078407	.0551286
Stddev	.023036	.0032319	.0001625
%RSD	.3187873	.7924524	.2947079

#1	7.222248	.4099915	.0553151
#2	7.205346	.4041241	.0550532
#3	7.250915	.4094065	.0550175

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3506.822	4591.864	70040.34	9809.127	4965.243
Stddev	9.508	8.786	300.14	58.022	17.385
%RSD	.2711198	.1913306	.4285289	.5915078	.3501360

#1	3497.786	4596.885	70053.43	9784.806	4972.360
#2	3516.740	4596.989	69733.87	9767.224	4977.941
#3	3505.940	4581.720	70333.73	9875.351	4945.429

Sample Name: PB119844BL Acquired: 05/22/2019 15:05:56 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: PBW844 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001660	-.002943	-.000416	.0023447	-.000574	-.009814
Stddev	.000737	.000356	.001000	.0013792	.000444	.008975
%RSD	44.40563	12.10991	240.7313	58.82175	77.40860	91.45181

#1	-.001105	-.002967	-.000026	.0034822	-.000135	-.006202
#2	-.001378	-.002575	.000331	.0027412	-.001023	-.003208
#3	-.002497	-.003287	-.001552	.0008107	-.000564	-.020033

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005356	-.000156	.0000266	-.008450	-.000232	-.000383
Stddev	.0008041	.000031	.0000974	.010598	.000238	.000109
%RSD	150.1330	19.68601	365.9024	125.4171	102.6060	28.47913

#1	.0003908	-.000157	.0000323	.002473	-.000172	-.000262
#2	-.000186	-.000125	.0001211	-.009133	-.000494	-.000413
#3	.001402	-.000187	-.000074	-.018690	-.000029	-.000474

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020905	-.047861	-.001729	.0113510	-.001213	.0001042
Stddev	.0005558	.005203	.000321	.0194122	.000156	.0002930
%RSD	26.58549	10.87040	18.58155	171.0187	12.85518	281.2409

#1	.0016645	-.051295	-.001367	.0147082	-.001176	-.000073
#2	.0027192	-.050413	-.001980	-.009521	-.001385	.000442
#3	.0018878	-.041875	-.001840	.028866	-.001079	-.000057

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1013203	.0020258	-.001943	-.876335	-.004352	-.004062
Stddev	.1739060	.0020654	.000593	.017873	.002100	.000410
%RSD	171.6398	101.9570	30.50165	2.039497	48.26845	10.08040

#1	-.008046	.0024050	-.001496	-.863712	-.006220	-.004141
#2	.301855	-.000203	-.001719	-.868506	-.004756	-.003619
#3	.010152	.003875	-.002616	-.896786	-.002078	-.004427

Sample Name: PB119844BL Acquired: 05/22/2019 15:05:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: PBW844 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000125	-.004012	-.007001	-.004076	.0021312	F -.019425
Stddev	.000049	.004088	.003496	.000315	.0003520	.001079
%RSD	38.96000	101.8727	49.93001	7.735563	16.51747	5.556930

#1	-.000070	-.004426	-.008372	-.003728	.0021113	-.018910
#2	-.000142	-.007878	-.009604	-.004342	.0024929	-.020666
#3	-.000163	.000266	-.003028	-.004158	.0017896	-.018700

Elem	Sr4077
Units	ppm
Avg	-.000032
Stddev	.000070
%RSD	216.2382

#1	-.000112
#2	.000005
#3	.000011

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3299.789	4326.354	65781.33	9007.104	5046.757
Stddev	26.828	11.629	631.47	71.773	15.643
%RSD	.8130338	.2687947	.9599598	.7968441	.3099540

#1	3271.389	4313.583	65059.66	9072.789	5029.294
#2	3324.705	4336.332	66232.45	8930.496	5059.486
#3	3303.273	4329.148	66051.88	9018.027	5051.489

Sample Name: K2832-07 Acquired: 05/22/2019 15:10:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MA51A2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000357	.0022063	.0004859	-.001034	-.003900	.0159083	.0002604
Stddev	.0032289	.0016738	.0005548	.002176	.001252	.0017103	.0003250
%RSD	9038.761	75.86682	114.1949	210.5242	32.11493	10.75112	124.8004

#1	-.003690	.0035005	.0000799	-.002026	-.004918	.0139502	-.000097
#2	.002010	.0003160	.0011181	-.002537	-.002501	.0166641	.000339
#3	.001787	.0028024	.0002596	.001462	-.004279	.0171104	.000539

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000221	.0000245	.1505832	.0003139	.0000478	-.000038	.0769236
Stddev	.0000431	.0000644	.0063078	.0000932	.0001390	.001797	.0085063
%RSD	195.3338	263.0150	4.188929	29.69428	291.0785	4698.620	11.05811

#1	.0000232	.0000621	.1545080	.0002090	.0001832	-.002092	.0699232
#2	.0000647	.0000612	.1539346	.0003872	.0000546	.001240	.0863906
#3	-.000022	-.000050	.1433071	.0003455	-.000095	.000738	.0744570

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009280	.0268112	-.000577	.0001106	.0763674	.0012265	-.000651
Stddev	.0002833	.0105416	.000268	.0003416	.0716116	.0019046	.000354
%RSD	30.52905	39.31793	46.37288	308.8674	93.77242	155.2779	54.30680

#1	.0006068	.0166725	-.000269	-.000200	.1412319	.0033174	-.000802
#2	.0010345	.0377141	-.000752	.000055	-.000480	.0007717	-.000247
#3	.0011425	.0260469	-.000710	.000477	.088350	-.000409	-.000904

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.890512	-.002199	-.004967	-.000675	.0139843	.0135635	-.003917
Stddev	.046305	.000455	.001235	.000304	.0032000	.0017138	.000499
%RSD	5.199838	20.68726	24.86799	44.99254	22.88287	12.63542	12.74454

#1	-.943969	-.002594	-.003905	-.000325	.0173419	.0120167	-.003627
#2	-.864780	-.001702	-.006322	-.000864	.0109695	.0154059	-.003631
#3	-.862788	-.002300	-.004673	-.000836	.0136416	.0132680	-.004493

Sample Name: K2832-07 Acquired: 05/22/2019 15:10:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MA51A2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0017827	-.016563	.0004094
Stddev	.0019777	.000880	.0000744
%RSD	110.9422	5.314841	18.17072

#1	.0023291	-.015670	.0003693
#2	-.000411	-.017430	.0003636
#3	.003430	-.016588	.0004952

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3370.612	4393.922	66453.21	9100.949	5127.464
Stddev	40.445	5.243	817.71	90.124	12.984
%RSD	1.199940	.1193238	1.230511	.9902730	.2532194

#1	3364.156	4396.743	65973.99	9167.761	5139.441
#2	3413.897	4387.873	67397.39	8998.446	5113.665
#3	3333.783	4397.151	65988.25	9136.641	5129.285

Sample Name: K2831-18 Acquired: 05/22/2019 15:14:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MA5186 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0887222	.0132606	.0765855	-.019355	-.002455	93.81190	.5298597
Stddev	.0013479	.0016850	.0013426	.003989	.001119	.34591	.0039335
%RSD	1.519283	12.70705	1.753119	20.61236	45.57180	.3687282	.7423613

#1	.0879239	.0125528	.0780651	-.016461	-.003744	93.45213	.5253906
#2	.0879643	.0120449	.0762469	-.023906	-.001732	93.84151	.5313927
#3	.0902785	.0151840	.0754447	-.017697	-.001890	94.14205	.5327959

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065895	.0012117	39.15577	.2710774	.0858516	.1574398	194.1143
Stddev	.0000613	.0001065	.30713	.0001841	.0003722	.0017018	.6258
%RSD	.9303748	8.785481	.7843821	.0678945	.4335008	1.080946	.3223898

#1	.0066237	.0012595	38.83997	.2709108	.0854273	.1576184	193.3920
#2	.0066262	.0010898	39.17393	.2710466	.0860044	.1590453	194.4921
#3	.0065188	.0012859	39.45342	.2712750	.0861230	.1556557	194.4589

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.012153	55.66598	.2664722	-.008009	1.760031	.2419973	.3689152
Stddev	.023508	.23881	.0004221	.000157	.349248	.0012953	.0047810
%RSD	.7804326	.4290038	.1584216	1.959664	19.84327	.5352673	1.295973

#1	2.988953	55.41382	.2659993	-.007992	1.712002	.2407823	.3695513
#2	3.011549	55.69538	.2668112	-.007860	1.437284	.2433603	.3638480
#3	3.035957	55.88872	.2666059	-.008173	2.130808	.2418493	.3733464

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.88529	7.202630	.2531921	.0059671	11.90268	11.97555	-.002063
Stddev	.07556	.031380	.0011285	.0003362	.02466	.04321	.000349
%RSD	.2709651	.4356761	.4457003	5.633535	.2072194	.3607820	16.93484

#1	27.81578	7.206866	.2542702	.0060472	11.88588	11.95599	-.001722
#2	27.87438	7.169348	.2520193	.0062560	11.89117	12.02508	-.002047
#3	27.96572	7.231678	.2532869	.0055982	11.93100	11.94559	-.002420

Sample Name: K2831-18 Acquired: 05/22/2019 15:14:13 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MA5186 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	6.272835	.2621969	.1430231
Stddev	.032570	.0063373	.0004916
%RSD	.5192178	2.416996	.3437362

#1	6.247761	.2578568	.1428341
#2	6.261097	.2592646	.1435812
#3	6.309646	.2694693	.1426540

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3503.248	4612.224	70351.42	9850.379	4864.396
Stddev	21.053	11.292	412.96	38.964	17.145
%RSD	.6009547	.2448173	.5869938	.3955565	.3524673

#1	3518.379	4599.541	70751.83	9886.552	4846.678
#2	3512.161	4615.949	70375.47	9809.123	4865.606
#3	3479.205	4621.183	69926.96	9855.462	4880.905

Sample Name: K2831-19 Acquired: 05/22/2019 15:18:09 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MA5186D Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0910561	.0159502	.0749720	-.018828	-.002185	92.47803	.5246331
Stddev	.0026422	.0004634	.0004373	.002852	.002292	.44357	.0036386
%RSD	2.901715	2.904991	.5832987	15.14846	104.8827	.4796454	.6935556

#1	.0924326	.0154700	.0748232	-.022080	.000318	91.97439	.5207508
#2	.0927259	.0159860	.0754643	-.017658	-.002692	92.81054	.5279655
#3	.0880099	.0163946	.0746285	-.016748	-.004182	92.64916	.5251829

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065200	.0013550	38.89371	.2682692	.0860758	.1475561	192.6350
Stddev	.0001020	.0001332	.26918	.0001848	.0002719	.0025472	1.1953
%RSD	1.564685	9.830626	.6920873	.0688920	.3159252	1.726273	.6205151

#1	.0065382	.0015023	38.59764	.2680655	.0857638	.1471667	191.3342
#2	.0064101	.0012430	39.12367	.2684262	.0862013	.1452260	193.6851
#3	.0066116	.0013196	38.95983	.2683158	.0862624	.1502756	192.8855

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.989463	54.99752	.2662910	-.008249	1.420638	.2379275	.3733620
Stddev	.025227	.34709	.0003182	.000180	.029897	.0012364	.0086134
%RSD	.8438516	.6310965	.1194847	2.186485	2.104444	.5196565	2.306993

#1	2.961793	54.61657	.2663074	-.008422	1.389014	.2365967	.3677607
#2	3.011181	55.29584	.2666006	-.008062	1.448439	.2381452	.3832803
#3	2.995415	55.08015	.2659649	-.008264	1.424462	.2390406	.3690452

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.50442	7.231370	.2486497	.0059051	12.05510	12.06716	-.001708
Stddev	.12232	.059360	.0020280	.0003295	.04466	.12599	.000613
%RSD	.4447224	.8208633	.8156049	5.580424	.3704767	1.044037	35.88936

#1	27.41048	7.164053	.2467877	.0059317	12.00646	12.11637	-.001055
#2	27.46006	7.253857	.2508105	.0055630	12.06459	11.92399	-.001797
#3	27.64273	7.276202	.2483508	.0062205	12.09426	12.16110	-.002271

Sample Name: K2831-19 Acquired: 05/22/2019 15:18:09 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MA5186D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	6.242828	.2534323	.1413378
Stddev	.030229	.0021331	.0005199
%RSD	.4842262	.8416894	.3678257

#1	6.210652	.2510195	.1409143
#2	6.270635	.2550676	.1411809
#3	6.247198	.2542098	.1419180

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3550.333	4671.433	70798.53	10039.80	4920.157
Stddev	43.484	4.135	507.37	47.39	7.538
%RSD	1.224784	.0885105	.7166449	.4720440	.1532021

#1	3583.550	4676.175	71257.25	10071.16	4927.160
#2	3501.116	4668.582	70253.56	10062.96	4921.133
#3	3566.334	4669.541	70884.79	9985.28	4912.180

Sample Name: K2831-01 Acquired: 05/22/2019 15:30:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MA5108 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043422	.1526543	.0057928	.0635018	.3702512	21.29842	1.189992
Stddev	.0007206	.0006065	.0008659	.0006173	.0018407	.04448	.003850
%RSD	16.59642	.3972905	14.94842	.9720654	.4971370	.2088549	.3235298

#1	.0043541	.1523545	.0058749	.0640797	.3715173	21.31436	1.191748
#2	.0036156	.1533523	.0048887	.0635743	.3681397	21.33273	1.192651
#3	.0050568	.1522562	.0066148	.0628515	.3710966	21.24816	1.185577

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002802	.0909209	2.319838	.0928853	.0007560	.7762758	11.04594
Stddev	.0000237	.0000755	.016115	.0007116	.0002350	.0041725	.04356
%RSD	8.444909	.0830441	.6946581	.7660658	31.08322	.5375072	.3943276

#1	.0003075	.0908603	2.322805	.0936359	.0007489	.7776124	11.08169
#2	.0002662	.0908969	2.334264	.0922207	.0009945	.7796163	11.05870
#3	.0002668	.0910055	2.302446	.0927992	.0005246	.7715988	10.99743

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2685944	23.01484	.0031318	.0002227	.3037864	.0069576	.5776021
Stddev	.0008755	.17198	.0006570	.0000956	.1581861	.0010123	.0030544
%RSD	.3259656	.7472599	20.97795	42.94496	52.07148	14.54899	.5288043

#1	.2676045	22.89147	.0037684	.0002550	.4213175	.0068520	.5803013
#2	.2689114	23.21129	.0031707	.0002980	.1239314	.0080186	.5782186
#3	.2692673	22.94175	.0024562	.0001151	.3661103	.0060023	.5742865

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	38.17366	.0183221	.0226514	-.000120	.2224982	1.218499	-.001631
Stddev	.16474	.0011516	.0006553	.000347	.0027824	.002909	.000923
%RSD	.4315669	6.285070	2.892765	289.4736	1.250536	.2387186	56.62723

#1	38.30571	.0196211	.0227298	-.000519	.2194729	1.221819	-.000820
#2	38.22620	.0174267	.0232639	.000054	.2230740	1.217285	-.001436
#3	37.98905	.0179184	.0219605	.000106	.2249477	1.216395	-.002636

Sample Name: K2831-01 Acquired: 05/22/2019 15:30:01 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MA5108 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0170027	-.004872	.0147119
Stddev	.0014312	.001589	.0001281
%RSD	8.417364	32.61536	.8703536

#1	.0160628	-.006408	.0146230
#2	.0186498	-.004975	.0148586
#3	.0162955	-.003234	.0146540

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3253.959	4271.995	65171.75	9050.027	5000.703
Stddev	26.993	15.027	70.60	44.742	7.996
%RSD	.8295450	.3517664	.1083253	.4943846	.1598939

#1	3233.576	4285.859	65099.22	9066.804	5007.979
#2	3243.729	4274.100	65175.78	8999.322	5001.987
#3	3284.572	4256.026	65240.24	9083.956	4992.142

Sample Name: K2831-04 Acquired: 05/22/2019 15:34:02 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MA5172 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3345297	.0148684	.1543410	-.020490	-.002606	77.50168	.3566722
Stddev	.0034392	.0010209	.0021752	.004173	.001543	.15893	.0024181
%RSD	1.028083	6.866040	1.409325	20.36796	59.22670	.2050658	.6779473

#1	.3305985	.0147562	.1527036	-.023692	-.002341	77.36038	.3549311
#2	.3369833	.0159408	.1568091	-.015770	-.004265	77.47093	.3556524
#3	.3360071	.0139083	.1535102	-.022008	-.001212	77.67374	.3594331

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0053630	.0016400	24.74832	.3094048	.1083244	.1918834	217.5878
Stddev	.0000295	.0000568	.11853	.0007890	.0002576	.0020579	.8971
%RSD	.5496656	3.466146	.4789441	.2549969	.2377546	1.072490	.4122824

#1	.0053608	.0016511	24.68451	.3099496	.1080281	.1938659	217.0630
#2	.0053347	.0015785	24.67537	.3097646	.1084503	.1897576	217.0768
#3	.0053935	.0016905	24.88509	.3085000	.1084948	.1920268	218.6236

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.992271	52.58827	.3652377	-.008784	.4102299	.2126274	.3764691
Stddev	.012946	.23202	.0003306	.000234	.0692272	.0043413	.0037218
%RSD	.4326620	.4411958	.0905306	2.660439	16.87521	2.041755	.9885969

#1	2.984914	52.44728	.3651143	-.008869	.4502229	.2124968	.3731144
#2	2.984679	52.46147	.3649865	-.008519	.4501736	.2083528	.3804726
#3	3.007220	52.85605	.3656123	-.008963	.3302933	.2170325	.3758204

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.32637	4.592302	.2798673	.0043476	.3220885	4.037408	-.000971
Stddev	.07585	.027505	.0022106	.0000240	.0069680	.024290	.001316
%RSD	.4948919	.5989278	.7898850	.5516923	2.163393	.6016160	135.4623

#1	15.25135	4.563064	.2796905	.0043501	.3171265	4.036163	.000531
#2	15.32475	4.617662	.2777504	.0043703	.3300547	4.013764	-.001527
#3	15.40302	4.596180	.2821611	.0043225	.3190843	4.062296	-.001919

Sample Name: K2831-04 Acquired: 05/22/2019 15:34:02 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MA5172 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.328370	.2003693	.0828119
Stddev	.005859	.0013761	.0001191
%RSD	.1353537	.6867568	.1437799

#1	4.322281	.2000386	.0826749
#2	4.328862	.1991888	.0828707
#3	4.333967	.2018806	.0828902

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3477.013	4557.737	69656.93	9664.403	4934.842
Stddev	13.075	.938	213.06	69.122	9.132
%RSD	.3760339	.0205805	.3058711	.7152183	.1850552

#1	3492.111	4557.051	69541.03	9666.334	4930.718
#2	3469.459	4557.356	69526.95	9732.538	4928.500
#3	3469.470	4558.806	69902.82	9594.336	4945.309

Sample Name: K2831-05 Acquired: 05/22/2019 15:38:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MA5173 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1773481	.0097762	.0746654	-.016515	-.002803	91.87421	.3518051
Stddev	.0031390	.0025840	.0021900	.000318	.002852	.17169	.0014352
%RSD	1.769947	26.43141	2.933125	1.924833	101.7515	.1868788	.4079576

#1	.1804208	.0068015	.0752992	-.016881	.000108	91.68022	.3507613
#2	.1774767	.0110627	.0764685	-.016315	-.005592	91.93576	.3512122
#3	.1741468	.0114645	.0722283	-.016348	-.002926	92.00664	.3534417

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0073786	.0010447	19.31881	.2138440	.0711777	.1283222	165.3860
Stddev	.0000839	.0001211	.05799	.0002218	.0003546	.0017040	.6123
%RSD	1.137315	11.59201	.3001883	.1037026	.4981817	1.327923	.3702539

#1	.0072864	.0009111	19.25402	.2140875	.0715531	.1273300	164.9031
#2	.0073986	.0011472	19.33654	.2137908	.0708485	.1302898	165.1801
#3	.0074506	.0010757	19.36587	.2136536	.0711315	.1273468	166.0747

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.136317	35.10545	.2289890	-.006848	1.786277	.1764485	.2640344
Stddev	.009967	.15926	.0003932	.000148	.156587	.0012108	.0042638
%RSD	.4665607	.4536694	.1717134	2.164996	8.766085	.6862117	1.614881

#1	2.127091	35.01896	.2286583	-.006747	1.768718	.1773140	.2662909
#2	2.134972	35.00814	.2294238	-.007018	1.639210	.1769666	.2666959
#3	2.146889	35.28924	.2288848	-.006777	1.950903	.1750648	.2591165

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.46995	7.450412	.2113538	.0052715	.2545048	4.612139	-.001691
Stddev	.05743	.027312	.0029838	.0004533	.0018083	.030063	.001001
%RSD	.4605297	.3665797	1.411752	8.599281	.7105203	.6518148	59.21841

#1	12.43174	7.430066	.2147803	.0053465	.2565819	4.579471	-.002831
#2	12.53599	7.481453	.2093289	.0047853	.2536504	4.618307	-.001290
#3	12.44211	7.439717	.2099520	.0056826	.2532819	4.638640	-.000952

Sample Name: K2831-05 Acquired: 05/22/2019 15:38:01 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MA5173 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.145101	.1291509	.0779963
Stddev	.015083	.0022596	.0001880
%RSD	.3638803	1.749589	.2409953

#1	4.134449	.1304592	.0777883
#2	4.162361	.1265418	.0780466
#3	4.138494	.1304518	.0781541

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3498.758	4617.775	70113.90	9939.302	4937.998
Stddev	27.780	8.885	443.95	95.888	6.595
%RSD	.7939978	.1924143	.6331805	.9647401	.1335464

#1	3521.913	4626.910	70601.97	10050.02	4936.633
#2	3467.955	4617.250	69734.12	9883.21	4932.194
#3	3506.407	4609.163	70005.61	9884.68	4945.169

Sample Name: K2831-06 Acquired: 05/22/2019 15:42:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MA5174 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0909182	.0210201	.1027960	-.031060	-.004116	129.1160	.7699811
Stddev	.0004179	.0051111	.0005647	.002683	.001698	.2890	.0054396
%RSD	.4596827	24.31521	.5493620	8.639568	41.25949	.2238288	.7064639

#1	.0907069	.0186036	.1023691	-.029547	-.006047	129.4479	.7759841
#2	.0906481	.0268914	.1034364	-.034159	-.002853	128.9196	.7653789
#3	.0913996	.0175654	.1025826	-.029475	-.003450	128.9806	.7685802

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0090104	.0020378	44.97077	.3890972	.1183082	.1867975	265.2761
Stddev	.0000565	.0000466	.36958	.0005155	.0000723	.0025886	.8872
%RSD	.6274050	2.287264	.8218165	.1324844	.0611390	1.385799	.3344515

#1	.0089944	.0020893	45.38212	.3890153	.1182281	.1877820	266.2120
#2	.0089637	.0019986	44.66671	.3886275	.1183276	.1838610	264.4473
#3	.0090733	.0020255	44.86348	.3896487	.1183688	.1887494	265.1689

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.845020	79.55657	.4204833	-.011283	1.952696	.3392731	.5034337
Stddev	.025782	.24848	.0012834	.000215	.263742	.0017254	.0029463
%RSD	.6705311	.3123288	.3052281	1.904652	13.50657	.5085595	.5852366

#1	3.872354	79.82307	.4190773	-.011530	2.096161	.3402548	.5059737
#2	3.821138	79.33126	.4207807	-.011140	2.113607	.3402836	.5041236
#3	3.841568	79.51537	.4215919	-.011179	1.648319	.3372808	.5002036

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	40.94625	9.052189	.3381355	.0101601	13.62765	5.919858	-.001219
Stddev	.06286	.039264	.0025637	.0001763	.02391	.030815	.001249
%RSD	.1535172	.4337524	.7581753	1.735506	.1754280	.5205295	102.5025

#1	40.87367	9.036300	.3396374	.0101391	13.65403	5.909941	-.001555
#2	40.98150	9.096908	.3395938	.0099951	13.62153	5.895223	-.002266
#3	40.98357	9.023360	.3351754	.0103459	13.60741	5.954410	.000164

Sample Name: K2831-06 Acquired: 05/22/2019 15:42:01 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MA5174 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	7.858224	.3689464	.1738790
Stddev	.049391	.0037181	.0004412
%RSD	.6285230	1.007753	.2537260

#1	7.909002	.3715073	.1734107
#2	7.810348	.3646818	.1739393
#3	7.855323	.3706503	.1742868

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3570.737	4715.646	71696.31	10105.66	4832.367
Stddev	23.743	12.745	167.77	22.67	10.379
%RSD	.6649398	.2702737	.2339950	.2243314	.2147770

#1	3569.449	4726.989	71505.96	10089.01	4839.716
#2	3547.664	4701.854	71822.61	10131.48	4820.494
#3	3595.098	4718.094	71760.36	10096.51	4836.891

Sample Name: K2831-07 Acquired: 05/22/2019 15:45:58 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MA5175 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1799953	.0120209	.0883409	-.019326	-.002646	109.2979	.2729161
Stddev	.0018166	.0013958	.0008461	.001503	.002664	.3307	.0011732
%RSD	1.009255	11.61139	.9577230	7.778961	100.6517	.3025885	.4298622

#1	.1820930	.0105813	.0891762	-.020791	-.005712	109.6620	.2730411
#2	.1789517	.0133683	.0883619	-.017787	-.001328	109.0161	.2716854
#3	.1789414	.0121130	.0874845	-.019400	-.000900	109.2156	.2740217

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0064913	.0005847	12.65412	.3291668	.0813382	.1206841	165.5984
Stddev	.0000897	.0000673	.04691	.0010201	.0002253	.0019555	.5875
%RSD	1.382377	11.51008	.3707058	.3099133	.2769413	1.620310	.3547494

#1	.0065468	.0006196	12.67937	.3302589	.0815963	.1192926	166.1875
#2	.0065393	.0006275	12.60000	.3282385	.0811815	.1229198	165.0126
#3	.0063878	.0005072	12.68300	.3290030	.0812367	.1198398	165.5951

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.630046	41.69110	.2768636	-.006880	.2000027	.2086727	.2719042
Stddev	.002568	.19149	.0008163	.000096	.1301102	.0008224	.0029316
%RSD	.1575512	.4593015	.2948562	1.401702	65.05420	.3941027	1.078190

#1	1.632568	41.88331	.2764909	-.006987	.3478307	.2088357	.2696516
#2	1.627434	41.50035	.2763001	-.006852	.1028761	.2094014	.2708421
#3	1.630135	41.68963	.2777998	-.006800	.1493014	.2077810	.2752188

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.67226	5.427677	.2108725	.0026653	1.126050	5.956202	-.000744
Stddev	.05803	.031868	.0011175	.0001942	.005997	.026205	.001147
%RSD	.5437853	.5871407	.5299555	7.285393	.5325298	.4399673	154.2530

#1	10.60809	5.391898	.2114295	.0024485	1.121783	5.985508	-.001788
#2	10.72107	5.453014	.2116020	.0028234	1.132906	5.948074	-.000927
#3	10.68762	5.438119	.2095859	.0027238	1.123461	5.935024	.000484

Sample Name: K2831-07 Acquired: 05/22/2019 15:45:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MA5175 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.197425	.1988782	.0413515
Stddev	.004851	.0009538	.0001407
%RSD	.0933392	.4795800	.3401233

#1	5.202820	.1994578	.0415102
#2	5.196032	.1977774	.0412425
#3	5.193422	.1993995	.0413017

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3443.152	4512.509	68881.36	9603.128	5000.184
Stddev	8.021	4.844	400.10	31.409	6.452
%RSD	.2329674	.1073371	.5808527	.3270657	.1290391

#1	3441.313	4506.928	68432.48	9567.552	4995.014
#2	3451.933	4514.980	69200.44	9614.812	4998.124
#3	3436.210	4515.619	69011.17	9627.020	5007.415

Sample Name: K2831-08 Acquired: 05/22/2019 15:49:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MA5176 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1666686	.0055907	.0585990	-.008780	-.003450	58.50285	.3429405
Stddev	.0036948	.0021780	.0011464	.005401	.001082	.08101	.0022539
%RSD	2.216828	38.95668	1.956422	61.51522	31.36438	.1384754	.6572300

#1	.1678417	.0032635	.0594073	-.002590	-.003220	58.44559	.3454405
#2	.1696343	.0059287	.0591028	-.011214	-.002501	58.46742	.3423171
#3	.1625296	.0075799	.0572869	-.012535	-.004628	58.59555	.3410640

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0037731	.0004678	11.78431	.1968930	.0341341	.1098092	100.9702
Stddev	.0000576	.0000817	.07320	.0006256	.0001936	.0026178	.2916
%RSD	1.527209	17.46946	.6211239	.3177270	.5671764	2.383926	.2887868

#1	.0037395	.0005020	11.85142	.1975717	.0339369	.1094389	101.1859
#2	.0038396	.0003745	11.79525	.1967678	.0343239	.1073963	101.0862
#3	.0037402	.0005268	11.70626	.1963395	.0341414	.1125925	100.6385

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9569983	27.20195	.1948972	-.004015	.6393890	.1240328	.1783224
Stddev	.0058740	.06106	.0005862	.000087	.1174169	.0054615	.0023026
%RSD	.6137938	.2244870	.3007978	2.171021	18.36393	4.403260	1.291250

#1	.9622638	27.25911	.1942598	-.004114	.7442946	.1178299	.1774649
#2	.9580682	27.20914	.1954133	-.003981	.6613193	.1261491	.1765716
#3	.9506629	27.13761	.1950185	-.003950	.5125531	.1281195	.1809307

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.431378	5.278424	.1299091	.0028549	.2177098	3.685285	-.001278
Stddev	.035254	.017598	.0002715	.0004562	.0020695	.051011	.001492
%RSD	.4181257	.3334039	.2089815	15.97780	.9505949	1.384169	116.7579

#1	8.429731	5.298709	.1299557	.0032944	.2176254	3.727132	-.000349
#2	8.396976	5.267231	.1296174	.0023837	.2156838	3.700260	-.000485
#3	8.467426	5.269333	.1301543	.0028866	.2198203	3.628463	-.003000

Sample Name: K2831-08 Acquired: 05/22/2019 15:49:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MA5176 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.746959	.1014997	.0499954
Stddev	.002854	.0003695	.0001504
%RSD	.1039072	.3640051	.3008460

#1	2.750106	.1014731	.0500052
#2	2.744537	.1018817	.0501407
#3	2.746234	.1011443	.0498404

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3428.976	4527.529	68949.32	9562.374	4984.281
Stddev	26.039	10.123	351.74	92.762	5.554
%RSD	.7593806	.2235903	.5101408	.9700731	.1114366

#1	3431.809	4528.374	68999.37	9472.004	4982.293
#2	3453.483	4517.010	69273.34	9557.762	4979.993
#3	3401.637	4537.203	68575.23	9657.356	4990.555

Sample Name: K2831-09 Acquired: 05/22/2019 15:53:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MA5177 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0973132	.0231772	.1019382	-.028378	-.004084	116.0719	.6218020
Stddev	.0031297	.0016512	.0005146	.005048	.001798	.1616	.0032494
%RSD	3.216136	7.124283	.5047972	17.78990	44.01138	.1392622	.5225726

#1	.0937053	.0212749	.1022299	-.033925	-.003167	116.0090	.6212059
#2	.0989360	.0242406	.1013441	-.024054	-.006155	115.9512	.6188920
#3	.0992981	.0240159	.1022407	-.027154	-.002931	116.2556	.6253082

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0086720	.0020293	86.36991	.3968645	.1193785	.1587713	288.6047
Stddev	.0001553	.0001206	.57164	.0017911	.0008869	.0009606	.3843
%RSD	1.790942	5.942345	.6618496	.4513003	.7429596	.6050522	.1331565

#1	.0086597	.0019736	86.24450	.3987581	.1198083	.1598725	288.6125
#2	.0085232	.0019466	85.87139	.3966380	.1199686	.1583362	288.2165
#3	.0088331	.0021676	86.99385	.3951975	.1183586	.1581052	288.9850

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.791664	76.22141	.4074327	-.012585	1.236608	.3070656	.4091286
Stddev	.027738	.23442	.0002153	.000470	.210108	.0012821	.0023235
%RSD	.5788722	.3075516	.0528376	3.732571	16.99071	.4175487	.5679083

#1	4.782205	76.22238	.4073263	-.012833	1.117359	.3063647	.4077428
#2	4.769893	75.98651	.4072914	-.012044	1.113256	.3085454	.4118111
#3	4.822893	76.45535	.4076805	-.012879	1.479209	.3062867	.4078321

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	36.80508	7.125345	.3758953	.0059662	25.83567	4.780736	-.002749
Stddev	.03324	.031472	.0066419	.0002117	.12015	.020018	.001968
%RSD	.0903148	.4416841	1.766949	3.548467	.4650533	.4187147	71.58793

#1	36.82761	7.157561	.3725478	.0061052	25.93617	4.802061	-.005022
#2	36.76690	7.123800	.3715933	.0057225	25.86825	4.777794	-.001604
#3	36.82072	7.094675	.3835449	.0060708	25.70259	4.762352	-.001622

Sample Name: K2831-09 Acquired: 05/22/2019 15:53:57 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MA5177 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	6.802917	.3209715	.1944854
Stddev	.034742	.0026517	.0001525
%RSD	.5106979	.8261315	.0783948

#1	6.788311	.3181278	.1946349
#2	6.777862	.3214102	.1943301
#3	6.842578	.3233764	.1944910

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3509.416	4608.697	70491.67	9917.420	4793.291
Stddev	5.777	9.157	160.94	12.328	11.319
%RSD	.1646242	.1987003	.2283113	.1243035	.2361371

#1	3503.928	4599.863	70383.21	9910.331	4781.682
#2	3508.876	4618.147	70415.21	9931.655	4793.896
#3	3515.444	4608.081	70676.58	9910.274	4804.295

Sample Name: K2831-11 Acquired: 05/22/2019 16:01:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MA5179 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1299666	.0094184	.1647059	-.010868	-.003612	79.09115	.2568663
Stddev	.0011519	.0024917	.0014111	.001836	.001094	.02332	.0008505
%RSD	.8863327	26.45558	.8567281	16.89539	30.28206	.0294898	.3311056

#1	.1299647	.0101021	.1656513	-.010092	-.003858	79.10021	.2577656
#2	.1311195	.0114968	.1653825	-.009547	-.004562	79.06465	.2567585
#3	.1288157	.0066562	.1630839	-.012965	-.002416	79.10859	.2560749

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0051026	.0007573	10.34055	.2135676	.0543486	1.761253	141.2256
Stddev	.0001096	.0000365	.01893	.0004877	.0002324	.006508	.0685
%RSD	2.148502	4.815276	.1830220	.2283371	.4276025	.3694909	.0484966

#1	.0049865	.0007995	10.35093	.2137424	.0540816	1.768692	141.2189
#2	.0052044	.0007368	10.35201	.2139438	.0544585	1.756612	141.1608
#3	.0051168	.0007358	10.31871	.2130166	.0545056	1.758457	141.2972

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.104143	29.70890	.1834257	-.005957	.2629058	.1667231	.2563853
Stddev	.001678	.09131	.0005976	.000711	.2177824	.0013955	.0052230
%RSD	.1520086	.3073537	.3258006	11.93887	82.83666	.8369988	2.037153

#1	1.106040	29.60885	.1835381	-.005259	.4611862	.1678538	.2623313
#2	1.102849	29.73012	.1827799	-.006681	.0298147	.1651636	.2542858
#3	1.103542	29.78774	.1839592	-.005930	.2977164	.1671521	.2525388

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.715648	3.860879	.1871287	.0036699	.9860228	5.387947	.0270096
Stddev	.032570	.010775	.0002537	.0002569	.0119287	.030754	.0008973
%RSD	.3352290	.2790733	.1355836	7.000095	1.209776	.5707924	3.322109

#1	9.736349	3.873186	.1874217	.0038897	.9870530	5.353017	.0279639
#2	9.678106	3.856303	.1869829	.0033875	.9974030	5.399865	.0261831
#3	9.732489	3.853147	.1869816	.0037326	.9736125	5.410958	.0268817

Sample Name: K2831-11 Acquired: 05/22/2019 16:01:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MA5179 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.089961	.1661880	.0418766
Stddev	.010079	.0010796	.0001626
%RSD	.2464265	.6496338	.3882381

#1	4.098324	.1674226	.0419139
#2	4.092788	.1654210	.0416986
#3	4.078770	.1657205	.0420173

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3423.609	4499.770	68652.02	9553.100	4997.212
Stddev	37.203	5.987	467.37	36.206	8.482
%RSD	1.086674	.1330557	.6807800	.3789943	.1697440

#1	3382.012	4495.913	68120.11	9530.656	4988.823
#2	3453.702	4496.730	68996.97	9594.868	4997.029
#3	3435.113	4506.668	68838.98	9533.777	5005.785

Sample Name: K2831-12 Acquired: 05/22/2019 16:05:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MA5180 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0943024	.0103619	.0606884	-.012527	-.003208	49.98610	.2580617
Stddev	.0019697	.0028785	.0019821	.003394	.001726	.08633	.0011008
%RSD	2.088752	27.77978	3.266074	27.09370	53.79298	.1727009	.4265813

#1	.0963345	.0070716	.0620805	-.016134	-.002298	49.89558	.2570897
#2	.0941713	.0115994	.0584190	-.012050	-.002128	50.06751	.2592571
#3	.0924015	.0124147	.0615657	-.009397	-.005198	49.99522	.2578384

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0044238	.0008316	21.17526	.2000035	.0930821	.1070422	159.8514
Stddev	.0001238	.0000712	.03261	.0002229	.0004456	.0035502	.3684
%RSD	2.797536	8.558125	.1539811	.1114279	.4787065	3.316626	.2304635

#1	.0045625	.0008208	21.13837	.1997462	.0932708	.1079153	159.4290
#2	.0043842	.0007664	21.18717	.2001280	.0925732	.1100743	160.0184
#3	.0043246	.0009075	21.20023	.2001363	.0934022	.1031369	160.1066

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.915509	34.62527	.2396120	-.006324	1.317506	.1390051	.2131752
Stddev	.006756	.08185	.0007082	.000533	.166534	.0011245	.0048532
%RSD	.3527171	.2363820	.2955613	8.435257	12.64010	.8089364	2.276627

#1	1.907766	34.53077	.2392155	-.005992	1.434720	.1402268	.2089106
#2	1.918558	34.67151	.2391908	-.006940	1.126879	.1380134	.2184561
#3	1.920204	34.67353	.2404296	-.006042	1.390919	.1387750	.2121590

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.24522	5.412950	.2045565	.0062288	32.96383	4.369347	-.001325
Stddev	.05473	.021517	.0017935	.0005825	.10234	.009802	.001773
%RSD	.3841732	.3975054	.8767800	9.351154	.3104690	.2243462	133.8343

#1	14.25352	5.437763	.2064664	.0066169	33.07676	4.358492	-.002035
#2	14.29533	5.399442	.2029081	.0055591	32.87720	4.371995	-.002632
#3	14.18682	5.401646	.2042949	.0065105	32.93754	4.377553	.000693

Sample Name: K2831-12 Acquired: 05/22/2019 16:05:47 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MA5180 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.909118	.1330980	.0584294
Stddev	.002801	.0014139	.0001424
%RSD	.0962852	1.062333	.2437601

#1	2.906469	.1339399	.0584026
#2	2.908837	.1314656	.0585833
#3	2.912049	.1338885	.0583022

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3511.569	4568.701	70051.91	9729.901	4985.143
Stddev	20.257	6.980	435.69	36.797	5.658
%RSD	.5768612	.1527780	.6219494	.3781854	.1134992

#1	3534.947	4576.651	70545.68	9771.146	4990.759
#2	3499.212	4563.579	69888.51	9718.124	4985.226
#3	3500.549	4565.873	69721.54	9700.435	4979.444

Sample Name: K2831-13 Acquired: 05/22/2019 16:09:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MA5181 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2900529	.0151262	.1090451	-.022950	-.004673	90.74125	.3369890
Stddev	.0057690	.0007216	.0020333	.002662	.001897	.11335	.0020722
%RSD	1.988959	4.770642	1.864667	11.59775	40.59764	.1249147	.6149195

#1	.2931329	.0152402	.1073175	-.022503	-.005636	90.61147	.3356274
#2	.2833975	.0143544	.1112858	-.020540	-.002488	90.82084	.3393738
#3	.2936282	.0157841	.1085319	-.025807	-.005896	90.79144	.3359659

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049226	.0014305	25.06804	.6836591	.1414427	.1853325	231.7726
Stddev	.0001193	.0000617	.27171	.0020622	.0008274	.0012668	1.3408
%RSD	2.422403	4.311089	1.083871	.3016346	.5849709	.6835068	.5784858

#1	.0047925	.0013594	24.84265	.6842093	.1412218	.1839358	230.7184
#2	.0049487	.0014635	25.36974	.6853904	.1407482	.1856545	233.2816
#3	.0050266	.0014687	24.99173	.6813777	.1423581	.1864071	231.3179

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.377732	85.83976	.5886827	-.009786	.9831234	.2531001	.3724351
Stddev	.026883	.59855	.0006069	.000031	.2427076	.0021402	.0028407
%RSD	.7958954	.6972859	.1030888	.3191032	24.68740	.8456060	.7627483

#1	3.356652	85.40052	.5892674	-.009815	1.035893	.2514339	.3756406
#2	3.408006	86.52151	.5880559	-.009753	1.195105	.2523525	.3714354
#3	3.368537	85.59725	.5887249	-.009790	.718372	.2555138	.3702294

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.75661	4.821792	.2928446	.0027203	1.047448	7.869897	-.003050
Stddev	.04926	.012215	.0013942	.0003440	.004910	.120613	.001477
%RSD	.3338202	.2533370	.4761038	12.64457	.4687507	1.532588	48.42545

#1	14.75198	4.821182	.2932143	.0023265	1.049547	7.744774	-.003791
#2	14.80802	4.809893	.2913028	.0028725	1.041838	7.985427	-.001349
#3	14.70983	4.834301	.2940168	.0029619	1.050960	7.879489	-.004010

Sample Name: K2831-13 Acquired: 05/22/2019 16:09:45 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MA5181 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.394020	.1906639	.0829848
Stddev	.019529	.0021512	.0001356
%RSD	.4444339	1.128276	.1634387

#1	4.385152	.1886529	.0828288
#2	4.416409	.1929322	.0830752
#3	4.380500	.1904067	.0830504

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3451.936	4518.475	69164.49	9657.660	4902.161
Stddev	28.808	4.943	428.62	78.186	8.563
%RSD	.8345386	.1094047	.6197077	.8095791	.1746696

#1	3427.892	4520.259	68670.07	9744.677	4894.096
#2	3483.866	4522.280	69392.35	9593.315	4911.147
#3	3444.051	4512.888	69431.05	9634.989	4901.242

Sample Name: K2831-15 Acquired: 05/22/2019 16:17:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MA5183 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0907886	.0134846	.0566485	-.017968	-.003594	70.26497	.4019466
Stddev	.0019652	.0021731	.0012802	.003267	.001353	.17605	.0024702
%RSD	2.164536	16.11556	2.259821	18.18465	37.63345	.2505477	.6145553

#1	.0893365	.0115617	.0570013	-.020700	-.003693	70.26812	.4014774
#2	.0930248	.0130497	.0552289	-.014349	-.002195	70.08737	.3997446
#3	.0900046	.0158422	.0577152	-.018855	-.004894	70.43942	.4046177

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0051283	.0009859	27.12020	.2298814	.0795125	.1239827	179.3049
Stddev	.0000867	.0000347	.14230	.0017400	.0001850	.0020077	.5492
%RSD	1.689843	3.515418	.5246870	.7569178	.2327048	1.619346	.3063178

#1	.0050409	.0009461	27.22688	.2279306	.0796992	.1242372	179.5244
#2	.0052142	.0010091	26.95863	.2304401	.0793292	.1218598	178.6799
#3	.0051298	.0010025	27.17509	.2312734	.0795092	.1258510	179.7105

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.929667	44.76591	.2616738	-.007534	1.561347	.1919874	.2896002
Stddev	.010778	.17107	.0001481	.000148	.160957	.0025723	.0011569
%RSD	.5585163	.3821455	.0565806	1.958488	10.30888	1.339825	.3994785

#1	1.939372	44.88512	.2615465	-.007671	1.746853	.1948776	.2905824
#2	1.918068	44.56990	.2616385	-.007553	1.458708	.1911351	.2883250
#3	1.931562	44.84271	.2618363	-.007377	1.478479	.1899494	.2898932

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.87348	6.600126	.2278738	.0061213	19.95189	3.997692	-.001971
Stddev	.07429	.016338	.0008945	.0002460	.02686	.007614	.001045
%RSD	.3396554	.2475359	.3925554	4.018128	.1346080	.1904510	53.01262

#1	21.78785	6.600220	.2281302	.0063913	19.94932	4.005191	-.002036
#2	21.92080	6.583741	.2268791	.0059099	19.92641	3.989968	-.000895
#3	21.91179	6.616416	.2286121	.0060629	19.97994	3.997916	-.002981

Sample Name: K2831-15 Acquired: 05/22/2019 16:17:39 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MA5183 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.226747	.1843330	.0696234
Stddev	.016546	.0022051	.0001407
%RSD	.3914583	1.196269	.2020201

#1	4.241306	.1868565	.0694948
#2	4.208753	.1833658	.0696018
#3	4.230181	.1827768	.0697736

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3457.419	4568.940	69535.36	9758.484	4912.891
Stddev	20.929	5.699	331.48	59.805	9.346
%RSD	.6053301	.1247227	.4767033	.6128479	.1902370

#1	3433.500	4562.615	69611.77	9696.089	4902.099
#2	3466.394	4570.531	69821.96	9815.308	4918.348
#3	3472.364	4573.674	69172.35	9764.055	4918.225

Sample Name: K2831-14 Acquired: 05/22/2019 16:13:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MA5182 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1342462	.0134760	.0683206	-.015105	-.003371	81.63627	.2227674
Stddev	.0029015	.0002580	.0020436	.004059	.001637	.22385	.0010800
%RSD	2.161306	1.914427	2.991253	26.87032	48.54716	.2741994	.4847867

#1	.1375234	.0136599	.0706723	-.011846	-.005250	81.46164	.2221893
#2	.1332105	.0135870	.0669753	-.019652	-.002611	81.88862	.2240133
#3	.1320048	.0131811	.0673142	-.013819	-.002254	81.55856	.2220996

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0109194	.0006566	11.08514	.2671135	.0620100	.0794737	165.3239
Stddev	.0000402	.0000502	.07163	.0010040	.0004591	.0002727	.8948
%RSD	.3678250	7.649321	.6462231	.3758578	.7403967	.3430952	.5412121

#1	.0109481	.0007039	11.03142	.2667064	.0617700	.0797266	164.7236
#2	.0108735	.0006039	11.16647	.2682571	.0617206	.0795096	166.3523
#3	.0109366	.0006619	11.05753	.2663771	.0625394	.0791849	164.8957

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.621504	58.27237	.2040232	-.006590	.6179953	.2291704	.1988289
Stddev	.013563	.35811	.0005092	.000169	.1230898	.0022272	.0046984
%RSD	.8364549	.6145409	.2495784	2.561322	19.91760	.9718723	2.363016

#1	1.610875	57.96821	.2045955	-.006697	.4892818	.2306920	.1961246
#2	1.636780	58.66705	.2036204	-.006677	.6301435	.2266140	.2042541
#3	1.616858	58.18185	.2038537	-.006395	.7345606	.2302052	.1961080

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.285959	3.666862	.2094735	.0025280	1.049577	4.022673	-.000129
Stddev	.068565	.006342	.0036480	.0002464	.006141	.031097	.002144
%RSD	.7383759	.1729464	1.741516	9.746602	.5850690	.7730494	1662.831

#1	9.364818	3.667338	.2054157	.0022674	1.049774	4.058505	-.001318
#2	9.252616	3.672953	.2124816	.0027572	1.055617	4.006781	.002346
#3	9.240442	3.660296	.2105230	.0025593	1.043340	4.002733	-.001415

Sample Name: K2831-14 Acquired: 05/22/2019 16:13:41 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MA5182 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.105459	.2115803	.0442990
Stddev	.033362	.0026815	.0001399
%RSD	.6534646	1.267345	.3157687

#1	5.075980	.2104160	.0441490
#2	5.141676	.2146471	.0443221
#3	5.098723	.2096779	.0444259

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3497.302	4572.098	69742.18	9716.490	4969.941
Stddev	7.772	14.778	310.43	34.708	9.552
%RSD	.2222170	.3232315	.4451085	.3572117	.1921973

#1	3501.546	4587.338	70080.83	9676.880	4977.520
#2	3488.332	4571.129	69471.10	9731.008	4973.092
#3	3502.027	4557.828	69674.61	9741.582	4959.211

Sample Name: K2831-16 Acquired: 05/22/2019 16:21:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MA5184 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0931954	.0066084	.0578820	-.010505	-.001664	55.24607	.2020274
Stddev	.0014620	.0018107	.0011852	.001714	.000660	.13832	.0028863
%RSD	1.568772	27.40019	2.047594	16.31639	39.68009	.2503622	1.428654

#1	.0935506	.0046760	.0588904	-.011563	-.001885	55.33164	.2051102
#2	.0915885	.0068833	.0581792	-.008527	-.002184	55.08650	.1993892
#3	.0944471	.0082660	.0565765	-.011424	-.000921	55.32008	.2015829

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0037556	.0006016	16.39038	.1560445	.0635029	.0793254	129.1877
Stddev	.0000921	.0000246	.18020	.0009601	.0005103	.0009924	1.1554
%RSD	2.452310	4.094463	1.099441	.6152469	.8035806	1.251049	.8943370

#1	.0038216	.0005914	16.53752	.1569686	.0629720	.0802583	130.1014
#2	.0036504	.0005837	16.18939	.1550522	.0635467	.0782826	127.8890
#3	.0037948	.0006297	16.44424	.1561127	.0639898	.0794353	129.5727

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.492983	32.38350	.1331219	-.005100	.4808250	.1581198	.1756765
Stddev	.016551	.32101	.0006678	.000404	.1240934	.0027963	.0019462
%RSD	1.108582	.9912635	.5016754	7.916814	25.80844	1.768435	1.107805

#1	1.503326	32.63340	.1336455	-.005550	.5735926	.1605905	.1756924
#2	1.473894	32.02147	.1333504	-.004770	.3398642	.1586847	.1776147
#3	1.501730	32.49563	.1323698	-.004979	.5290183	.1550842	.1737225

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.231376	4.250744	.1641906	.0027232	2.722561	5.288260	-.002646
Stddev	.029989	.029555	.0029241	.0002870	.003278	.059507	.000385
%RSD	.3643249	.6953013	1.780948	10.53911	.1204155	1.125267	14.54229

#1	8.236426	4.221041	.1673462	.0028959	2.722362	5.349537	-.002290
#2	8.199183	4.280150	.1615724	.0028818	2.725935	5.230697	-.003054
#3	8.258519	4.251041	.1636533	.0023919	2.719387	5.284545	-.002595

Sample Name: K2831-16 Acquired: 05/22/2019 16:21:37 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MA5184 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.967057	.1275678	.0529326
Stddev	.019002	.0045484	.0000886
%RSD	.6404191	3.565457	.1674169

#1	2.984608	.1302087	.0530026
#2	2.946878	.1223159	.0528329
#3	2.969684	.1301789	.0529622

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3386.642	4462.170	68008.60	9529.537	5000.071
Stddev	.974	6.500	140.25	125.301	6.001
%RSD	.0287714	.1456632	.2062218	1.314873	.1200111

#1	3385.796	4458.497	67851.05	9396.692	5004.558
#2	3386.423	4469.675	68119.83	9645.604	5002.400
#3	3387.707	4458.339	68054.92	9546.315	4993.255

Sample Name: K2831-17 Acquired: 05/22/2019 16:25:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MA5185 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1853309	.0084193	.0676370	-.012512	-.002615	74.39222	.2896540
Stddev	.0022073	.0033856	.0016344	.001428	.000708	.25115	.0013135
%RSD	1.191003	40.21224	2.416400	11.41019	27.07874	.3376083	.4534637

#1	.1841779	.0065723	.0689324	-.013944	-.003426	74.40445	.2898820
#2	.1878759	.0063589	.0658007	-.011088	-.002298	74.13517	.2882414
#3	.1839389	.0123267	.0681777	-.012505	-.002121	74.63704	.2908385

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0063858	.0008291	14.67685	.1298690	.0786211	.1185397	128.3660
Stddev	.0000757	.0000694	.11446	.0008843	.0003781	.0011872	.4946
%RSD	1.186046	8.373567	.7798674	.6809265	.4808490	1.001549	.3852664

#1	.0063468	.0007874	14.79028	.1291799	.0787637	.1174061	128.8193
#2	.0063376	.0009093	14.56139	.1295611	.0789071	.1197741	127.8386
#3	.0064731	.0007906	14.67887	.1308661	.0781925	.1184389	128.4402

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.380039	21.35923	.2438083	-.004990	1.394452	.1285963	.2098420
Stddev	.008482	.09136	.0007270	.000519	.023497	.0016392	.0015041
%RSD	.6146018	.4277129	.2981786	10.39659	1.685017	1.274711	.7167782

#1	1.388934	21.46398	.2430966	-.004927	1.415334	.1304798	.2081520
#2	1.372042	21.29608	.2437785	-.005538	1.399013	.1278170	.2103401
#3	1.379141	21.31762	.2445497	-.004506	1.369010	.1274921	.2110338

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.312758	6.451963	.1621584	.0046250	.1527284	4.771410	-.000734
Stddev	.042475	.010496	.0023025	.0001949	.0025780	.013883	.000784
%RSD	.5808389	.1626803	1.419919	4.213323	1.687962	.2909599	106.8639

#1	7.348452	6.460935	.1639646	.0047586	.1497715	4.776028	-.000990
#2	7.324041	6.440421	.1595657	.0044014	.1539091	4.755807	.000146
#3	7.265780	6.454534	.1629449	.0047149	.1545045	4.782395	-.001358

Sample Name: K2831-17 Acquired: 05/22/2019 16:25:36 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MA5185 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.030895	.0878415	.0496729
Stddev	.015446	.0016274	.0002086
%RSD	.5096176	1.852678	.4199101

#1	3.042248	.0894582	.0495472
#2	3.013306	.0862036	.0495579
#3	3.037132	.0878626	.0499137

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3522.647	4602.926	70409.51	9762.343	4975.592
Stddev	2.213	6.231	203.90	48.840	3.751
%RSD	.0628213	.1353743	.2895948	.5002908	.0753960

#1	3523.727	4597.716	70603.74	9709.411	4972.256
#2	3524.113	4601.233	70197.15	9805.661	4979.653
#3	3520.102	4609.829	70427.64	9771.959	4974.868

Sample Name: CCV035 Acquired: 05/22/2019 16:29:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV035 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.797059	4.904492	24.17802	4.715370	4.838462	413.8944	10.21057
Stddev	.013800	.019066	.05713	.001936	.010865	1.6738	.02944
%RSD	.2876772	.3887455	.2363005	.0410506	.2245544	.4044037	.2882934

#1	4.783969	4.893971	24.11656	4.717268	4.825916	412.0660	10.17881
#2	4.795735	4.893004	24.18799	4.715443	4.844785	414.2660	10.23695
#3	4.811473	4.926500	24.22951	4.713399	4.844685	415.3511	10.21595

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5034920	2.416203	426.0135	14.81376	2.468191	14.70583	429.6019
Stddev	.0033441	.005471	.7073	.02381	.004720	.02684	1.3296
%RSD	.6641773	.2264121	.1660219	.1607310	.1912303	.1825235	.3094936

#1	.4998611	2.410652	425.2690	14.83176	2.466079	14.68247	428.1725
#2	.5041693	2.416368	426.6764	14.82276	2.464896	14.69986	430.8018
#3	.5064456	2.421589	426.0950	14.78676	2.473598	14.73515	429.8316

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.87041	414.5202	2.456402	1.260088	418.6907	2.455903	13.98406
Stddev	.04557	1.1906	.004544	.003526	.3647	.003977	.04685
%RSD	.3064186	.2872181	.1850063	.2797938	.0871105	.1619226	.3349983

#1	14.82445	413.1672	2.452159	1.263062	418.3108	2.453971	14.02593
#2	14.91558	415.4080	2.455850	1.261010	419.0381	2.460476	13.99280
#3	14.87121	414.9853	2.461197	1.256193	418.7233	2.453261	13.93346

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	151.1292	5.190052	5.365330	4.847366	5.029825	4.961851	4.927364
Stddev	.1733	.018222	.018659	.011960	.022509	.023480	.008554
%RSD	.1146712	.3510945	.3477703	.2467273	.4475084	.4732093	.1735956

#1	150.9826	5.189692	5.344143	4.835306	5.030050	4.939187	4.933349
#2	151.0846	5.172012	5.372530	4.847568	5.007205	4.960299	4.917567
#3	151.3205	5.208451	5.379316	4.859223	5.052221	4.986069	4.931176

Sample Name: CCV035 Acquired: 05/22/2019 16:29:35 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCV035 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.921399	5.192859	4.960794
Stddev	.004655	.019049	.027555
%RSD	.0945816	.3668367	.5554638

#1	4.916031	5.172051	4.950145
#2	4.924328	5.209438	4.940152
#3	4.923837	5.197089	4.992085

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2867.914	3778.385	60053.58	8656.805	4191.768
Stddev	6.510	3.130	328.29	11.076	1.365
%RSD	.2269845	.0828281	.5466632	.1279436	.0325558

#1	2860.526	3781.789	59734.79	8669.314	4193.344
#2	2872.807	3777.733	60035.36	8652.853	4191.012
#3	2870.409	3775.633	60390.61	8648.247	4190.949

Sample Name: K2831-21 Acquired: 05/22/2019 16:37:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MA5187 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1469398	.0096786	.0708606	-.011308	-.004688	56.18305	.2193344
Stddev	.0005388	.0017692	.0028692	.002623	.001772	.01781	.0009156
%RSD	.3666621	18.27946	4.049098	23.19610	37.79316	.0316938	.4174411

#1	.1474203	.0106552	.0721947	-.009851	-.004907	56.16267	.2196134
#2	.1470419	.0076363	.0728199	-.014335	-.006340	56.19558	.2183117
#3	.1463573	.0107441	.0675672	-.009736	-.002817	56.19091	.2200780

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0039880	.0006670	12.35185	.4591018	.0557818	.4435647	134.1945
Stddev	.0000293	.0000413	.03251	.0003753	.0003730	.0018840	.1683
%RSD	.7345605	6.190145	.2631917	.0817574	.6687724	.4247316	.1254028

#1	.0039657	.0006243	12.34889	.4594629	.0554045	.4440528	134.1455
#2	.0039772	.0007068	12.32092	.4587137	.0561504	.4451565	134.0562
#3	.0040212	.0006699	12.38574	.4591287	.0557904	.4414847	134.3819

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.946791	29.89486	.1785974	-.005207	.1546330	.1282129	.1894580
Stddev	.002013	.04903	.0004294	.000197	.2607336	.0035367	.0020502
%RSD	.1034046	.1640189	.2404458	3.782451	168.6145	2.758428	1.082157

#1	1.945459	29.86773	.1781113	-.005031	-.109863	.1256856	.1871763
#2	1.945807	29.86539	.1789254	-.005420	.411434	.1322546	.1911454
#3	1.949107	29.95146	.1787554	-.005170	.162328	.1266987	.1900523

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.385025	4.155612	.1756519	.0044922	1.257419	5.136388	.0001782
Stddev	.029737	.020416	.0014302	.0002977	.008432	.013760	.0004535
%RSD	.3168539	.4912858	.8142363	6.627771	.6705520	.2678939	254.5046

#1	9.352934	4.132202	.1740872	.0043034	1.250103	5.152270	-.000030
#2	9.390491	4.164911	.1759767	.0048354	1.255513	5.128051	-.000134
#3	9.411649	4.169723	.1768918	.0043377	1.266640	5.128843	.000698

Sample Name: K2831-21 Acquired: 05/22/2019 16:37:46 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MA5187 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.860885	.1193517	.0426136
Stddev	.002841	.0021841	.0000887
%RSD	.0993077	1.829942	.2080322

#1	2.857958	.1217103	.0427159
#2	2.863632	.1173992	.0425673
#3	2.861065	.1189455	.0425578

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3426.715	4522.974	68578.31	9506.381	5004.107
Stddev	4.754	14.723	146.14	33.097	21.860
%RSD	.1387329	.3255176	.2131046	.3481578	.4368377

#1	3431.747	4538.174	68492.55	9470.873	5026.877
#2	3422.300	4521.969	68495.33	9536.375	5002.156
#3	3426.098	4508.779	68747.06	9511.895	4983.288

Sample Name: CCB035 Acquired: 05/22/2019 16:33:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCB035 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001126	-.001282	.0011837	.0031928	-.000746	-.008717	.0002156
Stddev	.002858	.002576	.0005927	.0020979	.000460	.011666	.0003802
%RSD	253.8796	200.8971	50.07266	65.70875	61.56804	133.8242	176.3527

#1	-.000616	.001654	.0005503	.0026578	-.001113	-.009304	.0002726
#2	.001443	-.003160	.0017249	.0014142	-.000231	.003231	-.000190
#3	-.004204	-.002341	.0012760	.0055065	-.000895	-.020079	.000564

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000053	.0000336	-.001853	.0006848	-.000117	.0188287	.0433920
Stddev	.000029	.0000499	.011628	.0001215	.000035	.0019054	.0058327
%RSD	55.78026	148.4354	627.6716	17.74302	29.98960	10.11969	13.44189

#1	-.000047	.0000913	-.009251	.0007706	-.000082	.0209359	.0430763
#2	-.000085	.0000060	.011550	.0005458	-.000152	.0183231	.0377235
#3	-.000027	.0000036	-.007856	.0007379	-.000116	.0172270	.0493761

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000378	-.004160	-.000915	.0004227	.0009023	.0037698	.0003894
Stddev	.000524	.020658	.000251	.0002092	.2161401	.0008942	.0016705
%RSD	138.6433	496.5780	27.48316	49.50496	23955.13	23.72113	429.0361

#1	-.000638	.012577	-.000713	.0003527	-.241791	.0047171	.0018116
#2	-.000723	.002190	-.000836	.0006579	.172663	.0029402	.0008068
#3	.000225	-.027248	-.001197	.0002573	.071834	.0036523	-.001450

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.398540	-.004255	.0064390	.0000851	-.002738	-.005761	-.002650
Stddev	.045877	.001908	.0004377	.0001209	.002863	.001113	.000249
%RSD	11.51133	44.85027	6.797790	142.0851	104.5438	19.31492	9.387721

#1	-.345580	-.002804	.0060673	.0002244	-.002892	-.004499	-.002488
#2	-.423950	-.006416	.0063282	.0000236	.000198	-.006181	-.002524
#3	-.426090	-.003544	.0069214	.0000073	-.005521	-.006602	-.002936

Sample Name: CCB035 Acquired: 05/22/2019 16:33:37 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCB035 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0015025	-.003624	.0001026
Stddev	.0004014	.002363	.0000497
%RSD	26.71311	65.20951	48.45104

#1	.0019658	-.001681	.0001340
#2	.0012809	-.006254	.0001286
#3	.0012608	-.002936	.0000453

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3301.383	4356.200	65601.43	9159.779	5002.822
Stddev	4.671	6.765	273.20	30.750	10.457
%RSD	.1415005	.1553041	.4164563	.3357017	.2090189

#1	3302.873	4361.726	65470.20	9183.366	5014.069
#2	3305.128	4358.218	65915.48	9170.969	5001.002
#3	3296.149	4348.655	65418.60	9125.001	4993.394

Sample Name: K2831-22 Acquired: 05/22/2019 16:41:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MA5188 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2062429	.0067703	.0614662	-.011599	-.000861	52.92737	.2337140
Stddev	.0063235	.0007024	.0006960	.002736	.002442	.39984	.0024549
%RSD	3.066034	10.37394	1.132264	23.59071	283.7201	.7554492	1.050369

#1	.2126765	.0070476	.0614636	-.014756	-.003680	52.46674	.2309326
#2	.2000356	.0072917	.0607715	-.009893	.000545	53.18484	.2355781
#3	.2060166	.0059717	.0621634	-.010150	.000554	53.13053	.2346313

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0038755	.0008984	12.25920	.1691988	.0721015	.1195484	126.1889
Stddev	.0000451	.0000776	.12948	.0002689	.0002418	.0017233	1.2733
%RSD	1.162644	8.633508	1.056155	.1589083	.3353533	1.441519	1.009030

#1	.0038268	.0009867	12.11181	.1692952	.0723459	.1214388	124.7229
#2	.0039157	.0008410	12.31119	.1694061	.0720962	.1191411	126.8243
#3	.0038839	.0008677	12.35459	.1688950	.0718624	.1180651	127.0193

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8122641	25.69923	.2253735	-.005240	1.223275	.1163862	.2193007
Stddev	.0094240	.31135	.0012807	.000355	.052841	.0018208	.0010758
%RSD	1.160211	1.211498	.5682535	6.766639	4.319652	1.564469	.4905691

#1	.8013922	25.34088	.2268357	-.005644	1.278817	.1179186	.2185127
#2	.8181043	25.85343	.2248337	-.005093	1.217380	.1143733	.2205264
#3	.8172957	25.90338	.2244511	-.004982	1.173629	.1168668	.2188631

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.116779	4.080987	.1639152	.0049509	.2045299	8.009201	-.001085
Stddev	.084177	.026893	.0005794	.0002962	.0014701	.107044	.001315
%RSD	.9233174	.6589764	.3534786	5.982589	.7187456	1.336516	121.2214

#1	9.070217	4.060327	.1640415	.0046653	.2029325	7.887141	.000199
#2	9.066170	4.071240	.1644211	.0052567	.2048314	8.053363	-.001025
#3	9.213950	4.111394	.1632831	.0049307	.2058258	8.087099	-.002429

Sample Name: K2831-22 Acquired: 05/22/2019 16:41:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MA5188 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.550432	.0946948	.0358602
Stddev	.017580	.0009566	.0001751
%RSD	.6892920	1.010236	.4883373

#1	2.530309	.0943907	.0356669
#2	2.562809	.0939272	.0360082
#3	2.558177	.0957666	.0359055

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3467.033	4561.671	69335.33	9635.277	4992.283
Stddev	22.072	8.237	69.96	91.038	5.110
%RSD	.6366337	.1805590	.1008976	.9448379	.1023483

#1	3454.662	4564.081	69294.26	9740.398	4996.716
#2	3453.921	4568.433	69416.10	9582.405	4993.438
#3	3492.517	4552.498	69295.62	9583.029	4986.695

Sample Name: K2831-23 Acquired: 05/22/2019 16:45:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MA5189 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5101253	.0384024	.1570448	-.060574	-.002599	292.3390	1.325860
Stddev	.0015589	.0008509	.0029783	.004043	.001579	.6227	.009396
%RSD	.3055980	2.215628	1.896462	6.674507	60.75271	.2130118	.7086693

#1	.5111117	.0383668	.1547288	-.060875	-.001344	293.0385	1.336478
#2	.5083280	.0392704	.1560013	-.056389	-.002080	292.1331	1.322483
#3	.5109361	.0375698	.1604045	-.064458	-.004372	291.8452	1.318620

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0142554	.0033236	85.53965	.8722922	.2660093	.3328386	508.7755
Stddev	.0001808	.0002207	.64718	.0033430	.0003974	.0046163	2.2022
%RSD	1.268396	6.640836	.7565830	.3832390	.1493838	1.386944	.4328396

#1	.0144627	.0031846	86.27441	.8753990	.2664628	.3369909	511.1172
#2	.0141300	.0035781	85.05421	.8687548	.2658430	.3336571	506.7463
#3	.0141736	.0032081	85.29033	.8727229	.2657221	.3278678	508.4629

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.916274	245.1288	1.099159	-.021272	3.010809	.7282387	.6896843
Stddev	.046404	1.1638	.001144	.000513	.361557	.0073650	.0047050
%RSD	.6709410	.4747857	.1040899	2.411475	12.00865	1.011341	.6822018

#1	6.968187	246.3802	1.098431	-.020967	2.799703	.7358410	.6884721
#2	6.878823	244.0789	1.098569	-.021864	3.428290	.7277385	.6948769
#3	6.901812	244.9272	1.100478	-.020984	2.804433	.7211365	.6857041

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	97.55841	6.500851	.6538962	.0217642	8.457972	5.786198	.0046094
Stddev	.26665	.019358	.0031197	.0000758	.033485	.054962	.0005508
%RSD	.2733232	.2977815	.4771008	.3484332	.3958954	.9498881	11.94887

#1	97.30113	6.478902	.6574967	.0218466	8.427217	5.824540	.0041120
#2	97.54055	6.515490	.6521971	.0216974	8.493643	5.723229	.0045149
#3	97.83353	6.508162	.6519948	.0217486	8.453056	5.810826	.0052013

Sample Name: K2831-23 Acquired: 05/22/2019 16:45:44 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MA5189 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.168887	.8734503	.3261024
Stddev	.024576	.0035155	.0010385
%RSD	.5895013	.4024800	.3184542

#1	4.196690	.8771691	.3249129
#2	4.159905	.8730001	.3265651
#3	4.150065	.8701816	.3268290

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3360.518	4399.034	67343.88	9556.867	4609.523
Stddev	33.546	7.500	209.40	27.350	4.153
%RSD	.9982528	.1704976	.3109396	.2861859	.0900961

#1	3385.195	4394.892	67345.45	9531.123	4606.015
#2	3322.321	4394.519	67133.70	9585.582	4608.445
#3	3374.037	4407.692	67552.49	9553.894	4614.108

Sample Name: K2831-24 Acquired: 05/22/2019 16:49:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MA5190 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3993710	.0359596	.1318828	-.053204	-.001220	280.8255	1.407092
Stddev	.0046407	.0012201	.0024411	.005632	.000645	.3001	.002663
%RSD	1.162014	3.393101	1.850987	10.58607	52.84196	.1068597	.1892356

#1	.3954307	.0368392	.1291244	-.049964	-.000476	280.5968	1.405166
#2	.3981959	.0364729	.1327595	-.059707	-.001577	281.1653	1.410131
#3	.4044863	.0345666	.1337646	-.049940	-.001607	280.7144	1.405979

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0134868	.0030817	74.12373	.8523596	.2124321	.3147842	479.0681
Stddev	.0000512	.0002214	.21780	.0023161	.0003536	.0031825	.7533
%RSD	.3799979	7.184534	.2938377	.2717289	.1664455	1.011007	.1572391

#1	.0134458	.0028624	74.04079	.8530766	.2124501	.3123063	478.2053
#2	.0135443	.0030775	74.37083	.8542325	.2120698	.3183733	479.5949
#3	.0134703	.0033051	73.95959	.8497698	.2127763	.3136730	479.4041

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.800042	231.9016	1.096507	-.019980	3.993061	.7438680	.6622241
Stddev	.009148	.6134	.000699	.000012	.098450	.0073304	.0013272
%RSD	.1905795	.2645188	.0637113	.0604867	2.465519	.9854496	.2004097

#1	4.789491	231.2087	1.097100	-.019976	3.919368	.7354523	.6634287
#2	4.805756	232.1207	1.095737	-.019970	4.104870	.7472900	.6624422
#3	4.804880	232.3754	1.096684	-.019993	3.954946	.7488617	.6608014

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	103.8792	6.150769	.6158843	.0219510	8.722073	6.003502	.0042557
Stddev	.4223	.009829	.0045108	.0005236	.028664	.010615	.0005990
%RSD	.4065642	.1597968	.7324036	2.385523	.3286407	.1768140	14.07646

#1	103.4188	6.147009	.6107100	.0224704	8.697664	5.993219	.0042421
#2	104.2487	6.143376	.6179545	.0219593	8.714918	6.014420	.0048614
#3	103.9700	6.161923	.6189883	.0214232	8.753637	6.002868	.0036635

Sample Name: K2831-24 Acquired: 05/22/2019 16:49:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MA5190 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.668562	.8384256	.2796233
Stddev	.008821	.0029428	.0010791
%RSD	.1889546	.3509940	.3859152

#1	4.673671	.8371433	.2783872
#2	4.673639	.8417920	.2801054
#3	4.658376	.8363416	.2803774

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3372.086	4449.075	67941.63	9567.516	4665.704
Stddev	16.261	12.231	76.43	38.781	5.468
%RSD	.4822329	.2749080	.1124874	.4053450	.1171958

#1	3385.015	4461.687	68029.01	9596.771	4671.939
#2	3377.414	4448.275	67908.63	9582.251	4661.722
#3	3353.829	4437.264	67887.25	9523.527	4663.452

Sample Name: PB119844BS Acquired: 05/22/2019 17:27:32 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: LCS844 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0176814	.0456567	.0171212	.0628278	.1116009	.3469434
Stddev	.0005362	.0016253	.0013889	.0003370	.0005732	.0134277
%RSD	3.032307	3.559825	8.111926	.5364695	.5136525	3.870290

#1	.0174256	.0438052	.0185340	.0625745	.1111142	.3465274
#2	.0173211	.0463169	.0157576	.0632103	.1114556	.3337285
#3	.0182976	.0468480	.0170720	.0626985	.1122328	.3605743

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3959463	.0098506	.0094315	10.00446	.0204133	.0925032
Stddev	.0020153	.0001207	.0000373	.09120	.0002624	.0001131
%RSD	.5089717	1.225145	.3957340	.9115993	1.285440	.1222423

#1	.3978787	.0099801	.0093991	10.06672	.0205843	.0926214
#2	.3938574	.0097413	.0094230	9.89977	.0201112	.0923961
#3	.3961028	.0098305	.0094723	10.04687	.0205444	.0924922

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0409127	F .1397146	.0293008	9.670367	.0745593	.0196605
Stddev	.0030817	.0047124	.0008122	.060148	.0002094	.0002651
%RSD	7.532327	3.372901	2.772068	.6219789	.2807906	1.348470

#1	.0435120	.1409543	.0302249	9.735956	.0746110	.0194329
#2	.0417177	.1436833	.0286999	9.617792	.0743289	.0199516
#3	.0375084	.1345062	.0289776	9.657352	.0747379	.0195971

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.525113	.0963627	.1040037	8.419163	F .0128718	F .0142036
Stddev	.194366	.0007181	.0039661	.012551	.0023625	.0003037
%RSD	2.040562	.7452125	3.813442	.1490741	18.35413	2.138060

#1	9.372552	.0960428	.0998105	8.404680	.0147733	.0143616
#2	9.458839	.0958602	.1076950	8.425961	.0136151	.0138534
#3	9.743948	.0971852	.1045056	8.426849	.0102270	.0143956

Sample Name: PB119844BS Acquired: 05/22/2019 17:27:32 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: LCS844 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0186768	.1600961	.1826725	F .1068067	.1952332	F .0828143
Stddev	.0007707	.0042964	.0019296	.0001474	.0012845	.0005740
%RSD	4.126413	2.683608	1.056316	.1380307	.6579267	.6930912
#1	.0178872	.1571512	.1848739	.1066571	.1963354	.0829207
#2	.0187161	.1581111	.1818698	.1069518	.1938226	.0833275
#3	.0194270	.1650261	.1812738	.1068112	.1955417	.0821945

Elem	Sr4077
Units	ppm
Avg	.1924561
Stddev	.0007923
%RSD	.4116989
#1	.1915450
#2	.1928402
#3	.1929833

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3319.991	4359.316	66123.76	9018.911	5125.786
Stddev	9.134	12.045	323.39	71.367	5.371
%RSD	.2751340	.2763002	.4890610	.7913030	.1047924
#1	3330.538	4362.026	66488.61	8963.977	5127.517
#2	3314.817	4369.775	65872.49	9099.575	5130.078
#3	3314.618	4346.147	66010.19	8993.181	5119.762

Sample Name: K2831-20 Acquired: 05/22/2019 17:31:39 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MA5186S Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1416691	.1198827	.1182728	-.000754	.0543340	97.52504	4.574277
Stddev	.0014893	.0015544	.0004551	.001483	.0009567	.13679	.019976
%RSD	1.051270	1.296628	.3847945	196.7149	1.760695	.1402585	.4367044

#1	.1432943	.1216017	.1187815	.000615	.0554160	97.62717	4.597288
#2	.1403696	.1194705	.1181326	-.002330	.0536002	97.57833	4.564150
#3	.1413435	.1185759	.1179043	-.000547	.0539858	97.36963	4.561392

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1023874	.1052266	39.41896	.6532465	1.127021	.5298747	197.5799
Stddev	.0008679	.0001715	.16185	.0029554	.001442	.0053409	.6770
%RSD	.8476513	.1629953	.4105830	.4524159	.1279916	1.007957	.3426351

#1	.1031262	.1053943	39.60330	.6564583	1.127537	.5306193	198.2956
#2	.1026045	.1052339	39.30015	.6526395	1.125392	.5348042	197.4941
#3	.1014316	.1050515	39.35342	.6506418	1.128135	.5242006	196.9499

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.977150	54.77748	1.325776	.0889693	1.275582	1.191890	1.247243
Stddev	.018664	.19029	.000541	.0007490	.096396	.003253	.012948
%RSD	.4692739	.3473829	.0408328	.8418142	7.557040	.2729060	1.038097

#1	3.998687	54.98959	1.325160	.0893252	1.349980	1.193729	1.239651
#2	3.967073	54.72109	1.325993	.0894739	1.166683	1.188134	1.239884
#3	3.965692	54.62176	1.326175	.0881087	1.310083	1.193807	1.262193

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.45998	7.126807	.2507838	.0064220	14.49626	16.33735	1.174955
Stddev	.09109	.032002	.0021399	.0003114	.07360	.18037	.005140
%RSD	.3317089	.4490428	.8532813	4.849220	.5077065	1.104047	.4374868

#1	27.55504	7.096097	.2504953	.0060979	14.44644	16.45567	1.172911
#2	27.45146	7.124360	.2488028	.0067189	14.46154	16.42664	1.171150
#3	27.37346	7.159962	.2530533	.0064492	14.58079	16.12975	1.180802

Sample Name: K2831-20 Acquired: 05/22/2019 17:31:39 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MA5186S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	6.438496	.2535084	.1429621
Stddev	.004927	.0033693	.0003421
%RSD	.0765184	1.329056	.2392804

#1	6.444175	.2544258	.1431136
#2	6.435371	.2563240	.1432023
#3	6.435942	.2497755	.1425704

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3509.153	4653.737	70600.93	9966.479	4898.405
Stddev	19.389	5.799	35.02	52.095	7.984
%RSD	.5525321	.1246072	.0495958	.5227012	.1629971

#1	3511.270	4648.971	70584.67	9930.258	4896.733
#2	3527.397	4660.193	70641.12	9942.998	4907.093
#3	3488.792	4652.047	70577.01	10026.18	4891.389

Sample Name: K2921-04 Acquired: 05/22/2019 17:35:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MC0AF4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0336193	.0124464	3.712118	-.020406	.0060445	50.72624	1.487004
Stddev	.0031613	.0015725	.008520	.001297	.0004491	.43677	.017277
%RSD	9.403335	12.63440	.2295295	6.357567	7.429299	.8610257	1.161848

#1	.0361169	.0134859	3.719999	-.019653	.0059333	50.34533	1.468381
#2	.0346760	.0106373	3.713278	-.019661	.0065387	51.20296	1.502511
#3	.0300650	.0132161	3.703077	-.021904	.0056615	50.63043	1.490119

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0079903	.0182132	236.7006	.4209177	.0653989	1.704165	192.7574
Stddev	.0001225	.0002060	3.0292	.0018660	.0003049	.015112	1.9787
%RSD	1.533583	1.131069	1.279758	.4433178	.4662538	.8867949	1.026537

#1	.0079093	.0184423	233.3785	.4221338	.0656224	1.697259	190.8811
#2	.0081312	.0181540	239.3097	.4187693	.0650515	1.721496	194.8247
#3	.0079303	.0180433	237.4137	.4218501	.0655228	1.693739	192.5663

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.921066	90.87098	.3201694	-.005449	3.412317	.3274499	5.737346
Stddev	.034325	1.14250	.0005348	.000405	.218894	.0017805	.016616
%RSD	1.175083	1.257275	.1670296	7.436619	6.414821	.5437558	.2896072

#1	2.883877	89.75774	.3195948	-.005038	3.265965	.3260027	5.749519
#2	2.951531	92.04064	.3202606	-.005848	3.663960	.3294382	5.744103
#3	2.927791	90.81457	.3206526	-.005461	3.307026	.3269087	5.718416

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.51749	4.160921	.3649836	.0408801	5.583630	4.417203	.1530945
Stddev	.03726	.011108	.0022617	.0003169	.022387	.058694	.0008194
%RSD	.3542532	.2669714	.6196811	.7752407	.4009373	1.328756	.5351935

#1	10.52599	4.148575	.3623751	.0411765	5.559045	4.354876	.1530329
#2	10.54976	4.164080	.3661767	.0405460	5.602839	4.471421	.1539429
#3	10.47671	4.170107	.3663990	.0409179	5.589008	4.425311	.1523077

Sample Name: K2921-04 Acquired: 05/22/2019 17:35:31 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MC0AF4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.538181	.0612495	.4464294
Stddev	.016819	.0015734	.0045346
%RSD	1.093456	2.568918	1.015750

#1	1.520778	.0594969	.4439021
#2	1.554349	.0617110	.4516645
#3	1.539415	.0625406	.4437215

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3304.303	4355.302	67011.47	9465.226	4789.877
Stddev	18.306	1.056	297.82	139.961	5.619
%RSD	.5540197	.0242510	.4444336	1.478683	.1173072

#1	3299.670	4356.301	66718.13	9582.592	4783.807
#2	3288.758	4354.197	67002.70	9310.325	4790.927
#3	3324.481	4355.409	67313.58	9502.762	4794.897

Sample Name: K2921-05 Acquired: 05/22/2019 17:39:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MC0AF4D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0288819	.0156382	3.733995	-.022748	.0079462	53.79164	1.586645
Stddev	.0028262	.0014627	.004301	.003131	.0015170	.09642	.008224
%RSD	9.785406	9.353133	.1151796	13.76605	19.09047	.1792536	.5183061

#1	.0321149	.0139830	3.730523	-.025078	.0095553	53.88236	1.596082
#2	.0276505	.0167567	3.732657	-.023978	.0077411	53.69038	1.582840
#3	.0268803	.0161749	3.738806	-.019188	.0065422	53.80218	1.581014

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0081599	.0184219	242.0441	.4341132	.0682801	1.747513	198.7473
Stddev	.0000824	.0000203	1.5154	.0013252	.0000373	.002964	.2759
%RSD	1.009734	.1103852	.6260649	.3052614	.0545694	.1696031	.1388161

#1	.0082084	.0184453	243.7232	.4349855	.0682781	1.744285	199.0657
#2	.0082065	.0184109	241.6309	.4325883	.0683184	1.748143	198.5788
#3	.0080648	.0184094	240.7781	.4347659	.0682440	1.750111	198.5974

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.025086	93.85426	.3302047	-.005747	3.988160	.3396263	5.815008
Stddev	.013635	.20590	.0005838	.000264	.092387	.0026502	.051531
%RSD	.4507443	.2193842	.1767864	4.595470	2.316534	.7803276	.8861644

#1	3.040200	94.08600	.3295480	-.005818	4.027334	.3405382	5.758154
#2	3.021352	93.78442	.3306648	-.005454	4.054505	.3417001	5.858639
#3	3.013708	93.69236	.3304014	-.005968	3.882640	.3366405	5.828230

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.08982	4.280108	.3858278	.0411858	5.692542	9.029265	.1591069
Stddev	.01013	.024388	.0007753	.0003074	.034966	.080338	.0024552
%RSD	.0913071	.5697883	.2009352	.7462766	.6142441	.8897522	1.543138

#1	11.09402	4.253225	.3860643	.0415207	5.653954	9.121135	.1618845
#2	11.09717	4.286286	.3864573	.0411200	5.701550	8.972189	.1582102
#3	11.07827	4.300812	.3849618	.0409166	5.722123	8.994470	.1572261

Sample Name: K2921-05 Acquired: 05/22/2019 17:39:27 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MC0AF4D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.733792	.0670115	.4790971
Stddev	.008165	.0023239	.0015202
%RSD	.4709238	3.467919	.3173158

#1	1.742404	.0696890	.4773462
#2	1.732806	.0655185	.4798628
#3	1.726164	.0658271	.4800822

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3321.652	4358.652	67238.74	9527.057	4785.370
Stddev	11.375	11.195	277.29	56.127	10.091
%RSD	.3424589	.2568529	.4124034	.5891353	.2108783

#1	3330.262	4346.363	67473.52	9463.665	4773.739
#2	3308.756	4368.271	66932.80	9547.077	4791.808
#3	3325.937	4361.322	67309.90	9570.430	4790.561

Sample Name: CCV036 Acquired: 05/22/2019 18:03:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV036 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.803990	4.903292	24.09602	4.716102	4.832507	415.0823	10.34616
Stddev	.018597	.011847	.00999	.004901	.000080	1.7515	.07627
%RSD	.3871115	.2416184	.0414401	.1039185	.0016592	.4219676	.7371726

#1	4.783655	4.899977	24.08523	4.718502	4.832600	416.0499	10.43419
#2	4.820134	4.916443	24.10494	4.719340	4.832463	413.0605	10.29998
#3	4.808181	4.893455	24.09788	4.710464	4.832459	416.1366	10.30431

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5092782	2.399831	435.0088	14.71728	2.447911	14.74155	433.9977
Stddev	.0051977	.001774	3.3501	.03713	.002860	.11439	3.0476
%RSD	1.020607	.0739311	.7701115	.2523218	.1168345	.7759533	.7022101

#1	.5145692	2.398416	438.8583	14.69208	2.446440	14.87281	437.5115
#2	.5041791	2.399255	432.7543	14.69983	2.446086	14.66318	432.0737
#3	.5090862	2.401822	433.4137	14.75992	2.451207	14.68866	432.4080

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.12700	419.4801	2.429043	1.283548	421.4472	2.452407	13.91566
Stddev	.11302	3.0238	.004258	.008737	4.0105	.019593	.07765
%RSD	.7471689	.7208531	.1753157	.6806613	.9516054	.7989156	.5580171

#1	15.25750	422.9487	2.429996	1.274032	425.9172	2.474136	13.87564
#2	15.06036	417.3986	2.424389	1.285406	418.1641	2.447000	14.00516
#3	15.06313	418.0932	2.432745	1.291206	420.2601	2.436086	13.86620

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	151.6755	5.205868	5.463942	4.847509	4.993984	5.036511	4.837493
Stddev	1.0617	.004518	.033692	.005794	.002155	.043896	.010327
%RSD	.6999525	.0867812	.6166250	.1195214	.0431459	.8715486	.2134692

#1	152.8340	5.206769	5.476882	4.842918	4.991961	5.059648	4.842980
#2	150.7492	5.200968	5.425698	4.845591	4.996250	4.985887	4.825582
#3	151.4433	5.209868	5.489245	4.854019	4.993740	5.063999	4.843919

Sample Name: CCV036 Acquired: 05/22/2019 18:03:17 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCV036 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.971625	5.289402	4.922400
Stddev	.031094	.052708	.076946
%RSD	.6254318	.9964846	1.563171

#1	5.007429	5.349935	5.010953
#2	4.951393	5.253662	4.871853
#3	4.956054	5.264608	4.884393

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2829.189	3738.770	59389.08	8458.003	4167.773
Stddev	11.333	2.771	159.74	62.364	.859
%RSD	.4005680	.0741153	.2689716	.7373368	.0206133

#1	2842.233	3741.845	59526.84	8403.599	4167.824
#2	2821.758	3737.999	59426.42	8526.064	4168.605
#3	2823.576	3736.467	59213.98	8444.347	4166.889

Sample Name: PB119844BS Acquired: 05/22/2019 17:43:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: LCS844 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0158273	.0461842	.0193720	.0711385	.1154188	.3630981
Stddev	.0014419	.0008787	.0006735	.0016968	.0016346	.0075388
%RSD	9.110089	1.902572	3.476478	2.385164	1.416240	2.076250

#1	.0153992	.0465129	.0201465	.0723938	.1146981	.3603747
#2	.0174347	.0451885	.0189242	.0718136	.1172899	.3572994
#3	.0146479	.0468512	.0190453	.0692081	.1142684	.3716201

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3941725	.0100085	.0096794	9.997786	.0210403	.0933812
Stddev	.0005111	.0000614	.0000389	.024914	.0003930	.0004088
%RSD	.1296558	.6133962	.4023561	.2491948	1.868079	.4378034

#1	.3938153	.0100398	.0096346	10.01954	.0213723	.0934079
#2	.3947579	.0100479	.0097053	10.00321	.0211423	.0929597
#3	.3939444	.0099378	.0096984	9.97061	.0206063	.0937761

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0474506	.2086665	.0306794	9.701698	.0766325	.0203423
Stddev	.0036384	.0062497	.0001154	.015428	.0007131	.0006071
%RSD	7.667691	2.995051	.3760476	.1590281	.9304971	2.984666

#1	.0482830	.2079313	.0307727	9.718566	.0758973	.0196423
#2	.0434682	.2152513	.0305504	9.698229	.0766790	.0206578
#3	.0506006	.2028170	.0307150	9.688299	.0773212	.0207267

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.16991	.0970162	.1144596	8.886837	F .0135263	F .0149022
Stddev	.21649	.0038265	.0011266	.045919	.0028990	.0013521
%RSD	2.128738	3.944144	.9842631	.5167074	21.43197	9.073382

#1	10.40544	.0933500	.1143579	8.835559	.0141564	.0152148
#2	9.97959	.0967136	.1156336	8.924158	.0103641	.0134212
#3	10.12471	.1009849	.1133874	8.900794	.0160584	.0160708

Sample Name: PB119844BS Acquired: 05/22/2019 17:43:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: LCS844 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0188811	.1763094	.1892873	F .0995445	.1972929	F .0946961
Stddev	.0002285	.0026235	.0025750	.0007036	.0009698	.0011229
%RSD	1.209956	1.487998	1.360348	.7068166	.4915423	1.185748
#1	.0187949	.1764035	.1913212	.0987325	.1977700	.0946903
#2	.0191401	.1788846	.1901487	.0999747	.1979317	.0958219
#3	.0187082	.1736402	.1863921	.0999262	.1961770	.0935762

Elem	Sr4077
Units	ppm
Avg	.1954213
Stddev	.0005359
%RSD	.2742370
#1	.1948717
#2	.1959424
#3	.1954499

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3297.615	4308.621	65613.04	9068.865	5071.585
Stddev	8.734	3.880	473.70	60.058	11.255
%RSD	.2648448	.0900470	.7219537	.6622478	.2219312
#1	3307.602	4304.266	66146.78	9023.645	5058.628
#2	3293.834	4309.889	65242.59	9045.941	5077.192
#3	3291.409	4311.707	65449.75	9137.010	5078.936

Sample Name: CCB036 Acquired: 05/22/2019 18:07:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCB036 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002050	-.002161	.0009699	.0032255	-.001861	.0156147	.0005357
Stddev	.002621	.001884	.0003032	.0027924	.000706	.0123062	.0003614
%RSD	127.8228	87.19568	31.25790	86.57263	37.93247	78.81215	67.46309

#1	-.004131	-.003912	.0011523	.0000012	-.002666	.0020332	.0009270
#2	-.002913	-.000168	.0006200	.0048134	-.001566	.0187859	.0002144
#3	.000893	-.002402	.0011375	.0048619	-.001350	.0260249	.0004657

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000002	.0000636	.0137596	.0010923	-.000068	.0176992	.0239163
Stddev	.000070	.0001427	.0107823	.0002597	.000331	.0030277	.0038451
%RSD	3677.167	224.1942	78.36201	23.77923	487.7210	17.10665	16.07737

#1	.000053	.0000976	.0228058	.0013885	.000261	.0193510	.0277492
#2	-.000080	.0001863	.0166446	.0009036	-.000401	.0195418	.0200591
#3	.000021	-.000093	.0018282	.0009846	-.000063	.0142048	.0239405

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000470	.0152737	-.000542	.0003956	.4556857	.0016867	-.000037
Stddev	.000164	.0147478	.000175	.0004009	.1925775	.0029473	.000690
%RSD	34.88523	96.55680	32.27591	101.3442	42.26103	174.7438	1880.564

#1	-.000317	.0000823	-.000543	.0003052	.6357760	.0002996	-.000810
#2	-.000449	.0295337	-.000717	.0008340	.4786083	.0050716	.000185
#3	-.000643	.0162051	-.000367	.0000476	.2526729	-.000311	.000515

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.454238	-.004403	.0067259	.0004821	-.004051	-.007175	-.002510
Stddev	.030554	.001567	.0003503	.0002584	.002967	.000363	.000584
%RSD	6.726498	35.58364	5.208354	53.59473	73.23362	5.056656	23.25090

#1	-.422249	-.002863	.0071275	.0007653	-.002166	-.007516	-.001947
#2	-.457345	-.004350	.0064834	.0002592	-.002516	-.007214	-.003112
#3	-.483120	-.005995	.0065667	.0004218	-.007471	-.006794	-.002469

Sample Name: CCB036 Acquired: 05/22/2019 18:07:18 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v880) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCB036 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0020436	-.002155	.0001173
Stddev	.0006758	.001116	.0000404
%RSD	33.07083	51.75853	34.44240

#1	.0014827	-.001640	.0001639
#2	.0018541	-.003435	.0000964
#3	.0027939	-.001390	.0000917

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3319.841	4364.644	66145.84	8976.118	5025.672
Stddev	12.058	6.709	278.46	27.583	10.424
%RSD	.3632099	.1537060	.4209818	.3072881	.2074236

#1	3306.137	4368.534	65918.07	9005.217	5024.608
#2	3328.829	4368.500	66063.18	8950.356	5036.588
#3	3324.556	4356.897	66456.28	8972.782	5015.820