

Sample Name: S0 Acquired: 08/23/2022 12:58:08 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S0 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	-.00043	-.00147	-.00075	.00104	.00048	-.00144	-.00564	-.00227
Stddev	.00008	.00019	.00042	.00042	.00032	.00129	.00215	.00058
%RSD	17.637	12.816	56.019	39.924	65.247	89.718	38.208	25.714
#1	-.00046	-.00162	-.00117	.00067	.00081	-.00290	-.00616	-.00292
#2	-.00034	-.00126	-.00034	.00097	.00018	-.00100	-.00748	-.00179
#3	-.00049	-.00153	-.00072	.00149	.00045	-.00042	-.00327	-.00210
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	.00122	.00199	-.00003	-.00041	.00213	.00038	-.00022	-.00043
Stddev	.00017	.00030	.00005	.00021	.00045	.00011	.00009	.00025
%RSD	13.886	15.073	201.75	52.253	21.239	27.861	39.880	58.218
#1	.00103	.00184	-.00007	-.00029	.00166	.00050	-.00027	-.00060
#2	.00133	.00178	.00003	-.00066	.00256	.00034	-.00012	-.00014
#3	.00131	.00233	-.00005	-.00029	.00216	.00030	-.00027	-.00055
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	-.00269	-.00097	-.00396	-.00016	-.00110	.00986	-.00093	.00433
Stddev	.00026	.00010	.00415	.00040	.00021	.00154	.00022	.00043
%RSD	9.6309	10.220	105.04	243.04	19.494	15.643	23.719	9.9381
#1	-.00278	-.00101	-.00828	.00021	-.00085	.01107	-.00097	.00472
#2	-.00288	-.00105	.00000	-.00058	-.00124	.01039	-.00070	.00387
#3	-.00239	-.00086	-.00358	-.00011	-.00122	.00812	-.00114	.00442
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	.00045	.00043	.00527	.00030	-.00050	.01118	.00020	
Stddev	.00023	.00015	.00024	.00010	.00018	.00208	.00039	
%RSD	51.755	35.694	4.6400	31.378	35.376	18.613	195.22	
#1	.00069	.00056	.00534	.00025	-.00043	.01281	-.00007	
#2	.00023	.00026	.00500	.00041	-.00071	.00884	.00065	
#3	.00042	.00047	.00548	.00024	-.00038	.01189	.00003	

Sample Name: S0 Acquired: 08/23/2022 12:58:08 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S0 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	961.90	29667.	4835.5	886.76	1415.4
Stddev	1.68	85.	2.1	3.22	1.2
%RSD	.17444	.28610	.04429	.36337	.08614
#1	963.49	29571.	4834.7	889.40	1416.4
#2	960.15	29698.	4833.8	883.17	1414.1
#3	962.05	29732.	4837.9	887.71	1415.7

Sample Name: S1 Acquired: 08/23/2022 13:02:14 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00017	.00081	.00107	.00438	.01537	.02210	.94350	.02912
Stddev	.00005	.00024	.00018	.00018	.00043	.00044	.00348	.00099
%RSD	30.574	29.554	17.275	4.0857	2.8025	1.9790	.36858	3.3998
#1	.00013	.00055	.00122	.00418	.01587	.02187	.93950	.03020
#2	.00016	.00087	.00112	.00442	.01510	.02261	.94582	.02888
#3	.00024	.00102	.00086	.00454	.01514	.02183	.94518	.02827
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	.02180	.28311	.00176	.05518	.00592	.00312	.00658	.06144
Stddev	.00014	.00031	.00006	.00039	.00073	.00026	.00033	.00053
%RSD	.66487	.10812	3.5413	.70465	12.412	8.3971	4.9533	.86769
#1	.02166	.28332	.00181	.05510	.00507	.00315	.00635	.06088
#2	.02195	.28326	.00169	.05485	.00636	.00337	.00695	.06148
#3	.02180	.28276	.00177	.05561	.00632	.00285	.00643	.06194
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	.03377	.00212	.03600	.00589	.00915	.14996	-.00062	.00714
Stddev	.00039	.00007	.00239	.00033	.00109	.00126	.00022	.00013
%RSD	1.1665	3.4438	6.6427	5.6635	11.945	.83967	35.151	1.8554
#1	.03338	.00212	.03425	.00567	.01035	.14852	-.00047	.00719
#2	.03417	.00205	.03502	.00628	.00888	.15086	-.00087	.00700
#3	.03376	.00220	.03872	.00573	.00822	.15050	-.00052	.00725
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	.01044	.00436	.04338	.00081	.03257	.03451	1.1714	
Stddev	.00053	.00003	.00047	.00006	.00039	.00042	.0025	
%RSD	5.0677	.65906	1.0943	7.6385	1.1858	1.2276	.21537	
#1	.01033	.00437	.04294	.00076	.03296	.03500	1.1697	
#2	.00997	.00433	.04389	.00080	.03255	.03427	1.1743	
#3	.01101	.00438	.04332	.00088	.03219	.03427	1.1701	

Sample Name: S1 Acquired: 08/23/2022 13:02:14 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S01 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	959.17	29857.	4873.2	887.34	1428.6
Stddev	1.71	254.	5.6	11.56	3.5
%RSD	.17852	.85151	.11486	1.3032	.24569
#1	957.74	29847.	4879.3	886.15	1424.6
#2	961.07	30116.	4868.3	899.46	1431.2
#3	958.70	29608.	4871.9	876.42	1430.0

Sample Name: S2 Acquired: 08/23/2022 13:06:20 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.05398	.10360	1.2585	.11643	.29034	4.1716	11.350	.72455
Stddev	.00013	.00063	.0020	.00098	.00052	.0229	.058	.00359
%RSD	.24494	.60809	.15570	.83877	.17948	.54949	.50819	.49525

#1	.05407	.10318	1.2564	.11659	.28974	4.1908	11.372	.72079
#2	.05404	.10329	1.2590	.11539	.29065	4.1462	11.284	.72493
#3	.05383	.10432	1.2602	.11732	.29064	4.1777	11.393	.72794

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	2.3168	3.1940	.64644	.65868	.56007	1.1212	1.4242	.70234
Stddev	.0026	.0105	.00129	.00214	.00453	.0073	.0028	.00229
%RSD	.11210	.32926	.19985	.32524	.80828	.65133	.19637	.32652

#1	2.3142	3.2004	.64564	.66094	.56514	1.1290	1.4266	.70450
#2	2.3167	3.1819	.64574	.65843	.55643	1.1145	1.4211	.69993
#3	2.3194	3.1998	.64793	.65668	.55864	1.1201	1.4248	.70259

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	.52824	.09380	.27658	.07135	.55940	1.0340	.04737	.49824
Stddev	.00234	.00031	.00185	.00040	.00348	.0034	.00010	.00260
%RSD	.44223	.33310	.66830	.56720	.62137	.32803	.20738	.52117

#1	.52558	.09347	.27709	.07180	.56210	1.0380	.04736	.49572
#2	.52998	.09383	.27453	.07121	.55548	1.0320	.04727	.50090
#3	.52914	.09410	.27812	.07103	.56063	1.0322	.04747	.49809

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	1.1460	.04859	.50518	.15018	.39372	1.8051	13.591
Stddev	.0003	.00031	.00319	.00095	.00200	.0073	.023
%RSD	.02743	.63957	.63104	.63219	.50764	.40421	.16646

#1	1.1456	.04894	.50190	.14938	.39147	1.7989	13.616
#2	1.1460	.04838	.50538	.14994	.39530	1.8032	13.583
#3	1.1463	.04843	.50827	.15123	.39438	1.8131	13.573

Sample Name: S2 Acquired: 08/23/2022 13:06:20 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S02 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	917.87	29396.	4846.7	861.31	1351.6
Stddev	.73	125.	14.2	2.57	1.5
%RSD	.07974	.42380	.29199	.29889	.11456
#1	917.09	29329.	4852.1	858.80	1353.3
#2	917.96	29539.	4857.3	863.95	1350.5
#3	918.55	29319.	4830.6	861.18	1350.9

Sample Name: S3 Acquired: 08/23/2022 13:10:14 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S03 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.11193	.21513	2.5844	.23760	.59705	8.4533	23.074	1.4442
Stddev	.00014	.00111	.0020	.00093	.00176	.0551	.041	.0055
%RSD	.12947	.51803	.07571	.39192	.29496	.65134	.17712	.38007

#1	.11192	.21419	2.5861	.23676	.59631	8.4751	23.089	1.4487
#2	.11178	.21636	2.5822	.23744	.59905	8.4942	23.105	1.4458
#3	.11207	.21484	2.5849	.23860	.59577	8.3907	23.028	1.4381

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.6744	6.4268	1.2855	1.3410	1.1143	2.2341	2.8264	1.4189
Stddev	.0044	.0220	.0022	.0021	.0096	.0127	.0111	.0083
%RSD	.09489	.34278	.17328	.15841	.85917	.57000	.39200	.58619

#1	4.6762	6.4374	1.2859	1.3431	1.1167	2.2434	2.8323	1.4251
#2	4.6693	6.4415	1.2831	1.3388	1.1224	2.2393	2.8332	1.4222
#3	4.6776	6.4014	1.2874	1.3412	1.1037	2.2196	2.8136	1.4095

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	1.0764	.19429	.55991	.14408	1.1356	2.1217	.09978	1.0140
Stddev	.0021	.00074	.00323	.00172	.0087	.0165	.00053	.0028
%RSD	.19022	.37933	.57741	1.1954	.76547	.78009	.52722	.27618

#1	1.0757	.19449	.56135	.14488	1.1286	2.1332	.09981	1.0172
#2	1.0748	.19347	.56218	.14526	1.1453	2.1291	.09923	1.0124
#3	1.0787	.19491	.55621	.14210	1.1329	2.1027	.10028	1.0124

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	2.3553	.10242	.99697	.30978	.80048	3.7154	27.574
Stddev	.0011	.00038	.00394	.00049	.00136	.0047	.067
%RSD	.04776	.36775	.39565	.15750	.16962	.12634	.24170

#1	2.3565	.10200	1.0015	.31010	.79892	3.7100	27.616
#2	2.3550	.10253	.99450	.30922	.80138	3.7185	27.609
#3	2.3543	.10273	.99488	.31002	.80113	3.7178	27.497

Sample Name: S3 Acquired: 08/23/2022 13:10:14 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S03 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	880.07	28998.	4824.1	833.48	1289.0
Stddev	1.61	31.	24.0	4.12	2.2
%RSD	.18347	.10587	.49799	.49445	.16967
#1	879.49	28981.	4804.5	836.12	1287.6
#2	881.89	29034.	4816.9	828.73	1291.6
#3	878.82	28980.	4850.9	835.58	1288.0

Sample Name: S4 Acquired: 08/23/2022 13:14:09 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S04 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.23243	.42798	5.2167	.47141	1.2236	17.114	46.207	2.8359
Stddev	.00139	.00055	.0055	.00089	.0038	.076	.049	.0162
%RSD	.59938	.12836	.10512	.18967	.30704	.44284	.10517	.57080

#1	.23125	.42745	5.2128	.47157	1.2212	17.147	46.264	2.8540
#2	.23208	.42794	5.2143	.47044	1.2280	17.028	46.179	2.8307
#3	.23397	.42855	5.2230	.47221	1.2218	17.169	46.180	2.8229

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	9.2836	12.832	2.5249	2.7044	2.2132	4.3836	5.5409	2.8635
Stddev	.0131	.022	.0029	.0042	.0130	.0077	.0105	.0083
%RSD	.14067	.16887	.11274	.15693	.58665	.17685	.18915	.29034

#1	9.2853	12.857	2.5272	2.7030	2.2168	4.3913	5.5526	2.8724
#2	9.2698	12.819	2.5217	2.7011	2.1988	4.3758	5.5377	2.8559
#3	9.2958	12.819	2.5258	2.7092	2.2240	4.3837	5.5324	2.8622

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	2.1608	.39938	1.1319	.28567	2.3426	4.3221	.20616	2.0396
Stddev	.0037	.00143	.0039	.00041	.0168	.0284	.00067	.0117
%RSD	.17369	.35857	.34794	.14340	.71866	.65588	.32721	.57254

#1	2.1581	.39948	1.1331	.28545	2.3519	4.3327	.20666	2.0529
#2	2.1593	.39790	1.1275	.28542	2.3526	4.2899	.20540	2.0311
#3	2.1651	.40075	1.1351	.28614	2.3231	4.3435	.20644	2.0348

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	4.8299	.21134	1.9550	.62966	1.5891	7.5693	54.143
Stddev	.0119	.00079	.0111	.00118	.0044	.0046	.109
%RSD	.24622	.37211	.56656	.18806	.27838	.06047	.20205

#1	4.8178	.21043	1.9678	.62829	1.5874	7.5681	54.262
#2	4.8305	.21174	1.9493	.63042	1.5942	7.5744	54.046
#3	4.8415	.21184	1.9481	.63026	1.5858	7.5654	54.122

Sample Name: S4 Acquired: 08/23/2022 13:14:09 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S04 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	818.22	28321.	4757.1	783.64	1207.6
Stddev	.79	178.	8.9	2.56	1.0
%RSD	.09602	.62947	.18754	.32661	.08071
#1	819.10	28482.	4757.9	783.56	1207.7
#2	817.58	28352.	4765.6	781.11	1208.5
#3	817.99	28130.	4747.8	786.23	1206.6

Sample Name: S5 Acquired: 08/23/2022 13:18:09 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S05 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.49277	.83566	10.456	.93880	2.5942	34.762	91.889	5.4739
Stddev	.00280	.00305	.023	.00329	.0068	.056	.564	.0195
%RSD	.56831	.36529	.21636	.35021	.26373	.16167	.61354	.35592

#1	.49242	.83214	10.447	.93735	2.5895	34.754	91.284	5.4750
#2	.49017	.83732	10.440	.93648	2.5910	34.822	91.983	5.4539
#3	.49573	.83753	10.482	.94256	2.6020	34.710	92.399	5.4928

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	18.297	25.576	4.8962	5.3935	4.4013	8.5399	10.721	5.7437
Stddev	.019	.039	.0046	.0097	.0083	.0272	.020	.0156
%RSD	.10274	.15142	.09458	.17899	.18941	.31812	.18391	.27078

#1	18.280	25.598	4.9005	5.3849	4.4053	8.5343	10.722	5.7456
#2	18.294	25.598	4.8967	5.3916	4.4069	8.5694	10.739	5.7582
#3	18.317	25.531	4.8913	5.4040	4.3917	8.5159	10.700	5.7273

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	4.2857	.81484	2.2785	.56219	4.9241	8.8626	.41810	4.0020
Stddev	.0052	.00334	.0080	.00384	.0222	.0056	.00058	.0150
%RSD	.12204	.40964	.35142	.68311	.45161	.06259	.13781	.37606

#1	4.2904	.81142	2.2801	.55856	4.8995	8.8596	.41750	3.9911
#2	4.2800	.81809	2.2856	.56621	4.9298	8.8690	.41814	3.9956
#3	4.2867	.81502	2.2698	.56178	4.9428	8.8591	.41865	4.0191

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	10.160	.43286	3.7633	1.2616	3.1307	15.557	107.33
Stddev	.032	.00081	.0113	.0014	.0045	.023	.36
%RSD	.31418	.18734	.29963	.10953	.14396	.14824	.33104

#1	10.152	.43329	3.7586	1.2601	3.1346	15.553	107.69
#2	10.134	.43193	3.7552	1.2628	3.1319	15.582	106.98
#3	10.196	.43338	3.7762	1.2618	3.1258	15.537	107.30

Sample Name: S5 Acquired: 08/23/2022 13:18:09 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S05 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	724.73	27445.	4672.5	713.11	1112.3
Stddev	2.75	123.	2.4	5.70	1.7
%RSD	.37904	.44859	.05076	.79893	.15243
#1	725.64	27463.	4675.3	718.43	1113.5
#2	726.90	27314.	4671.3	713.80	1113.0
#3	721.64	27559.	4671.1	707.10	1110.3

Sample Name: S6 Acquired: 08/23/2022 13:22:16 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S06 Custom ID2: Custom ID3:
Comment:

Elem	Al3961	Ca3736	Fe2598	Mg2790	Na8183
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	95.923	42.538	23.151	9.5784	6.3864
Stddev	.675	.231	.159	.0673	.0481
%RSD	.70342	.54222	.68648	.70290	.75261

#1	95.936	42.520	23.134	9.5819	6.3825
#2	95.242	42.316	23.001	9.5094	6.3405
#3	96.592	42.776	23.318	9.6439	6.4364

Int. Std.	Y_3710
Units	Cts/S
Avg	4554.2
Stddev	26.0
%RSD	.57124

#1	4562.4
#2	4575.2
#3	4525.1

Sample Name: ICV001 Acquired: 08/23/2022 13:26:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9180881	1.023306	.9900732	1.013276	.9580428	2.469730
Stddev	.0105885	.007392	.0014701	.003073	.0019866	.015264
%RSD	1.153320	.7223341	.1484801	.3032816	.2073609	.6180307

#1	.9088864	1.019796	.9914763	1.010584	.9563672	2.484357
#2	.9157167	1.018324	.9885443	1.016624	.9602374	2.453901
#3	.9296612	1.031799	.9901990	1.012621	.9575237	2.470932

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5293736	.5418951	.5187977	10.48447	.5662224	.5162506
Stddev	.0023993	.0037836	.0001316	.03034	.0035200	.0004112
%RSD	.4532287	.6982126	.0253685	.2893727	.6216704	.0796482

#1	.5268231	.5376712	.5188762	10.45412	.5681171	.5157886
#2	.5297118	.5449737	.5186458	10.48448	.5683892	.5163870
#3	.5315857	.5430403	.5188712	10.51480	.5621608	.5165763

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5290792	10.82795	.5483858	5.840040	.5266285	.2376657
Stddev	.0008522	.03401	.0018897	.048741	.0024263	.0007372
%RSD	.1610705	.3141071	.3446009	.8345941	.4607273	.3102058

#1	.5291609	10.85762	.5469671	5.886899	.5282540	.2384608
#2	.5298876	10.79083	.5476593	5.789614	.5238395	.2375315
#3	.5281891	10.83541	.5505310	5.843609	.5277919	.2370047

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.846044	.5281062	.9553145	9.482818	F -.001192	F .0282712
Stddev	.354546	.0003075	.0028328	.079649	.003039	.0004991
%RSD	3.600900	.0582319	.2965272	.8399333	254.8202	1.765337

#1	9.817462	.5282468	.9583384	9.394051	.002262	.0285533
#2	9.506655	.5283182	.9548828	9.548042	-.002386	.0276949
#3	10.21402	.5277535	.9527224	9.506363	-.003453	.0285653

Sample Name: ICV001 Acquired: 08/23/2022 13:26:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV001 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F -.000342	F .0056217	F .0034830	F .0000604	F -.001146	F .0049350
Stddev	.000072	.0044276	.0000467	.0014334	.000507	.0001677
%RSD	21.01443	78.75910	1.339642	2371.558	44.21640	3.397992
#1	-.000420	.0071019	.0035029	-.000220	-.001263	.0047982
#2	-.000278	.0091197	.0034297	.001613	-.001585	.0048848
#3	-.000328	.0006436	.0035165	-.001212	-.000591	.0051221

Elem	Sr4077
Units	ppm
Avg	F -.009474
Stddev	.000089
%RSD	.9436842
#1	-.009575
#2	-.009407
#3	-.009438

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	952.8070	29639.73	4914.984	881.5336	1413.766
Stddev	1.0377	197.99	14.255	8.6910	1.881
%RSD	.1089065	.6679964	.2900367	.9858971	.1330232
#1	952.2143	29422.15	4931.075	871.5035	1411.607
#2	954.0051	29687.74	4903.935	886.8334	1415.046
#3	952.2015	29809.31	4909.942	886.2640	1414.644

Sample Name: ICB001 Acquired: 08/23/2022 13:34:12 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICB001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002953	-.002734	-.003334	-.001520	.0007937	-.004698	-.001040
Stddev	.003339	.002112	.000531	.003937	.0040426	.008835	.000219
%RSD	113.0757	77.24564	15.91366	258.9873	509.3574	188.0427	21.03276

#1	-.002521	-.004328	-.002986	-.000654	.0026840	.004817	-.001266
#2	-.006486	-.003535	-.003945	.001911	.0035448	-.006271	-.000829
#3	.000149	-.000339	-.003071	-.005818	-.003848	-.012641	-.001026

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000293	-.000039	.0255186	.0001301	.0001051	-.002274	.0095730
Stddev	.0000307	.000078	.0160724	.0000738	.0004612	.000607	.0027635
%RSD	104.6840	201.4953	62.98338	56.70775	439.0137	26.67773	28.86785

#1	.0000215	-.000057	.0069928	.0000485	-.000103	-.002835	.0124488
#2	.0000632	.000047	.0338221	.0001921	-.000215	-.002358	.0069374
#3	.0000033	-.000106	.0357408	.0001496	.000634	-.001630	.0093328

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012067	-.002385	.0003270	-.000001	.1033532	-.002493	.0007950
Stddev	.0004332	.021402	.0001732	.000396	.0856315	.003773	.0042330
%RSD	35.90214	897.3594	52.96669	29904.96	82.85326	151.2968	532.4479

#1	.0016819	.019927	.0004516	.000453	.2015210	-.006800	-.001674
#2	.0008335	-.004338	.0001292	-.000270	.0440189	.000227	-.001624
#3	.0011049	-.022743	.0004002	-.000188	.0645198	-.000907	.005683

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004538	-.002595	.0019497	-.000375	-.000122	-.004599	-.001844
Stddev	.0561066	.000588	.0007588	.000088	.004455	.001160	.000866
%RSD	12364.85	22.64630	38.92089	23.52497	3645.777	25.22751	46.97086

#1	-.016612	-.002109	.0027507	-.000277	-.005034	-.003935	-.000871
#2	-.045138	-.003248	.0012415	-.000398	.003658	-.003923	-.002531
#3	.063112	-.002428	.0018569	-.000448	.001009	-.005939	-.002132

Sample Name: ICB001 Acquired: 08/23/2022 13:34:12 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: ICB001 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000300	.0022163	-.000022
Stddev	.001192	.0002192	.000071
%RSD	396.9053	9.891771	329.3770

#1	-.001677	.0023653	-.000000
#2	.000379	.0023190	-.000101
#3	.000397	.0019646	.000036

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	945.9035	29351.18	4924.080	869.7143	1397.559
Stddev	.7458	59.51	19.251	1.5031	3.707
%RSD	.0788483	.2027677	.3909518	.1728300	.2652571

#1	946.4416	29314.36	4904.930	870.1010	1398.551
#2	946.2167	29319.33	4943.430	870.9862	1400.669
#3	945.0521	29419.84	4923.880	868.0556	1393.457

Sample Name: ICSA001 Acquired: 08/23/2022 13:49:34 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0055274	.0023695	.0026167	-.005019	.0006274	239.4018
Stddev	.0040506	.0053935	.0057687	.003003	.0039935	1.2024
%RSD	73.28265	227.6246	220.4585	59.83410	636.5632	.5022412

#1	.0094839	-.000295	.0057542	-.008208	.0051427	240.4394
#2	.0013889	-.001173	-.004041	-.002245	-.000820	239.6820
#3	.0057093	.008577	.006137	-.004604	-.002441	238.0841

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0055589	.0008821	-.000023	244.9968	.0507992	-.001111
Stddev	.0001105	.0000843	.000231	.5486	.0006134	.000204
%RSD	1.987923	9.554384	1017.219	.2239374	1.207439	18.35336

#1	.0056333	.0008231	.000180	245.2897	.0506243	-.000878
#2	.0054319	.0008446	-.000273	245.3367	.0514811	-.001259
#3	.0056115	.0009786	.000025	244.3638	.0502924	-.001195

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0036539	98.79277	.0119474	241.4724	.0018595	-.001961
Stddev	.0024921	.34649	.0005216	.5231	.0010138	.000654
%RSD	68.20445	.3507282	4.365990	.2166346	54.51919	33.34722

#1	.0013049	98.99806	.0113452	242.0579	.0029178	-.002297
#2	.0033889	98.98752	.0122379	241.3081	.0017639	-.002380
#3	.0062680	98.39271	.0122590	241.0511	.0008969	-.001208

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1003698	-.000241	.0135059	-.112989	F -.010116	F .1572665
Stddev	.1346931	.003803	.0011170	.051839	.004514	.0025419
%RSD	134.1969	1580.627	8.270076	45.87992	44.62441	1.616294

#1	.2503669	-.004071	.0130837	-.166381	-.006487	.1585393
#2	-.010236	-.000186	.0147724	-.062855	-.008691	.1589205
#3	.060978	.003535	.0126616	-.109732	-.015171	.1543396

Sample Name: ICSA001 Acquired: 08/23/2022 13:49:34 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: ICSA001 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000943	-.001961	-.006892	-.005016	-.002426	.0044747
Stddev	.000330	.003537	.001823	.003918	.002087	.0012929
%RSD	35.02664	180.3542	26.45155	78.11373	86.02889	28.89435

#1	-.001324	.002105	-.008056	-.004049	-.004109	.0049249
#2	-.000774	-.003665	-.007830	-.001672	-.003079	.0054824
#3	-.000732	-.004323	-.004791	-.009327	-.000091	.0030169

Elem	Sr4077
Units	ppm
Avg	.0053230
Stddev	.0004366
%RSD	8.201668

#1	.0050844
#2	.0050577
#3	.0058268

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	883.1114	28142.61	4819.814	818.8705	1249.145
Stddev	1.0596	64.86	12.492	.8981	2.336
%RSD	.1199828	.2304865	.2591795	.1096762	.1870144

#1	884.1704	28074.61	4830.098	817.8364	1247.462
#2	883.1125	28203.80	4805.912	819.4555	1251.812
#3	882.0513	28149.40	4823.431	819.3195	1248.162

Sample Name: ICSAB001 Acquired: 08/23/2022 13:53:39 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0910660	.1019374	.0481404	.0367815	.5584794	232.3038
Stddev	.0131553	.0008567	.0023079	.0063499	.0046821	.2900
%RSD	14.44591	.8403836	4.793992	17.26389	.8383667	.1248222

#1	.0999954	.1027664	.0461882	.0313831	.5627547	232.2707
#2	.0972437	.1019902	.0475457	.0351837	.5592077	232.0318
#3	.0759588	.1010555	.0506875	.0437777	.5534758	232.6089

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5021418	.4974315	.9537237	238.2694	.5613649	.4828145
Stddev	.0004126	.0018805	.0014991	.0582	.0004645	.0005245
%RSD	.0821662	.3780456	.1571807	.0244075	.0827457	.1086348

#1	.5018754	.4995749	.9524078	238.2580	.5618921	.4822673
#2	.5019330	.4966606	.9534077	238.3324	.5611869	.4828633
#3	.5026171	.4960589	.9553556	238.2178	.5610157	.4833130

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4777703	96.07085	.5036656	234.8912	.9802513	.1934810
Stddev	.0044824	.13605	.0018015	.1525	.0028623	.0005163
%RSD	.9381963	.1416172	.3576670	.0649068	.2919947	.2668520

#1	.4828447	96.22771	.5045383	234.9116	.9770926	.1936577
#2	.4743500	95.99996	.5015940	234.7295	.9809883	.1928995
#3	.4761163	95.98489	.5048645	235.0324	.9826731	.1938857

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0973351	.4867121	.9421117	-.166808	-.004447	F .1520589
Stddev	.1063971	.0082912	.0118937	.024491	.004484	.0017004
%RSD	109.3100	1.703516	1.262453	14.68239	100.8349	1.118221

#1	.0134623	.4926327	.9463004	-.188488	-.005660	.1537513
#2	.2170169	.4772361	.9286904	-.171692	.000519	.1503507
#3	.0615262	.4902675	.9513445	-.140242	-.008201	.1520748

Sample Name: ICSAB001 Acquired: 08/23/2022 13:53:39 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB001 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000832	-.000003	-.006011	-.003456	-.005217	.0017955
Stddev	.000576	.003307	.000799	.001979	.000643	.0004052
%RSD	69.24675	98981.10	13.28863	57.25455	12.31982	22.56588

#1	-.000460	.003289	-.006725	-.004727	-.004534	.0018064
#2	-.000540	-.003324	-.005148	-.004465	-.005306	.0013850
#3	-.001495	.000025	-.006161	-.001176	-.005810	.0021951

Elem	Sr4077
Units	ppm
Avg	.0054358
Stddev	.0004103
%RSD	7.548082

#1	.0049705
#2	.0057454
#3	.0055917

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	882.4383	28149.16	4850.582	822.2176	1252.652
Stddev	1.7635	22.03	22.426	2.9797	.736
%RSD	.1998477	.0782739	.4623384	.3624008	.0587578

#1	882.9725	28124.58	4827.448	818.7936	1253.359
#2	880.4694	28167.13	4852.072	824.2226	1252.708
#3	883.8729	28155.76	4872.225	823.6366	1251.890

Sample Name: CCV001 Acquired: 08/23/2022 13:57:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.870937	4.939077	24.83788	4.715056	4.889003	396.1250	10.28041
Stddev	.019969	.019517	.06007	.008432	.017444	.1610	.01286
%RSD	.4099537	.3951512	.2418470	.1788318	.3567968	.0406499	.1250966

#1	4.851374	4.939017	24.83071	4.724783	4.870224	395.9588	10.27078
#2	4.891287	4.919591	24.78171	4.709823	4.892086	396.1359	10.27544
#3	4.870149	4.958624	24.90120	4.710561	4.904701	396.2803	10.29502

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5027021	2.487156	404.5089	15.38000	2.504880	15.35677	403.7529
Stddev	.0023042	.005274	.5209	.02607	.010394	.01536	.2834
%RSD	.4583699	.2120645	.1287809	.1695028	.4149400	.1000299	.0701824

#1	.5014687	2.487873	404.4561	15.40897	2.503803	15.36362	403.9169
#2	.5012770	2.481560	404.0165	15.35844	2.495067	15.36752	403.4257
#3	.5053604	2.492035	405.0543	15.37258	2.515771	15.33918	403.9160

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.01755	398.8190	2.502089	1.281406	397.5780	2.534125	14.91792
Stddev	.01615	.0716	.005430	.002725	.3577	.006394	.10638
%RSD	.1075708	.0179554	.2170168	.2126273	.0899782	.2523231	.7131005

#1	15.03381	398.8006	2.498752	1.284549	397.3202	2.539881	15.00701
#2	15.00151	398.7583	2.499161	1.279954	397.9864	2.535250	14.94661
#3	15.01733	398.8980	2.508355	1.279715	397.4275	2.527242	14.80014

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	157.0045	5.059893	5.459415	4.878946	5.039331	5.039667	5.012033
Stddev	.3571	.015714	.014951	.001979	.018369	.008349	.010614
%RSD	.2274144	.3105580	.2738592	.0405681	.3645048	.1656706	.2117709

#1	157.4165	5.063659	5.454295	4.880718	5.018826	5.034435	5.022355
#2	156.7862	5.042638	5.447696	4.879309	5.044887	5.035270	5.001149
#3	156.8107	5.073381	5.476253	4.876810	5.054280	5.049296	5.012594

Sample Name: CCV001 Acquired: 08/23/2022 13:57:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV001 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.031898	5.179924	4.840757
Stddev	.009660	.007578	.006772
%RSD	.1919725	.1463036	.1398977

#1	5.022700	5.179003	4.837989
#2	5.031033	5.172848	4.848475
#3	5.041961	5.187921	4.835808

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	780.5681	27435.91	4662.806	754.5683	1129.973
Stddev	.8310	85.08	19.166	1.5385	1.973
%RSD	.1064630	.3101063	.4110480	.2038948	.1745967

#1	780.6643	27339.59	4669.215	752.8675	1130.081
#2	779.6932	27500.83	4677.948	754.9740	1131.890
#3	781.3469	27467.31	4641.257	755.8633	1127.948

Sample Name: CCB001 Acquired: 08/23/2022 14:01:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0033134	.0014720	.0027218	-.004382	.0006381	.0041783	.0003382
Stddev	.0057008	.0026792	.0034951	.002488	.0024261	.0049194	.0001082
%RSD	172.0531	182.0094	128.4116	56.77174	380.1910	117.7352	32.00220

#1	.0011207	.0033126	.0023284	-.002727	-.000681	.0094806	.0004049
#2	.0097850	-.001602	-.000560	-.007243	.003438	-.000238	.0002133
#3	-.000965	.002705	.006397	-.003177	-.000843	.003292	.0003964

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001253	.0000396	.0250417	-.000070	.0001411	-.002615	.0202367
Stddev	.0000781	.0000837	.0066770	.000861	.0000760	.003014	.0030127
%RSD	62.35398	211.3610	26.66348	1226.958	53.90887	115.2743	14.88710

#1	.0000463	.0000054	.0197071	-.000193	.0000818	-.002287	.0182229
#2	.0001271	-.000022	.0325297	-.000863	.0002268	-.005780	.0237001
#3	.0002025	.000135	.0228884	.000846	.0001145	.000222	.0187871

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010110	.0127679	.0004592	.0002202	-.036257	-.001686	.0014839
Stddev	.0002688	.0207546	.0004331	.0003003	.151067	.000805	.0033775
%RSD	26.58283	162.5524	94.33339	136.3546	416.6607	47.73537	227.6076

#1	.0012214	.0170483	.0002874	.0003587	-.171702	-.001884	.0042146
#2	.0011034	-.009793	.0009518	.0004263	.126661	-.000800	.0025301
#3	.0007083	.031049	.0001382	-.000124	-.063729	-.002373	-.002293

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0660039	-.005945	.0071928	.0003104	-.002056	-.003102	-.001423
Stddev	.0725792	.002368	.0004937	.0001048	.001880	.000105	.000900
%RSD	109.9621	39.83953	6.864245	33.76743	91.45605	3.384067	63.21043

#1	.0809484	-.008105	.0074417	.0003361	-.000250	-.003172	-.001375
#2	.1299476	-.003412	.0066241	.0004001	-.004002	-.002981	-.000549
#3	-.012884	-.006318	.0075125	.0001952	-.001915	-.003152	-.002346

Sample Name: CCB001 Acquired: 08/23/2022 14:01:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB001 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0003089	.0028489	.0001265
Stddev	.0018634	.0004720	.0000531
%RSD	603.2797	16.56871	41.97320

#1	-.000413	.0026163	.0000969
#2	.002425	.0033921	.0001878
#3	-.001086	.0025383	.0000947

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	942.4175	29420.34	4872.277	878.5158	1392.956
Stddev	2.1803	50.92	11.293	.7340	2.042
%RSD	.2313479	.1730845	.2317758	.0835481	.1466173

#1	943.3769	29459.16	4883.320	878.1181	1394.092
#2	943.9535	29439.17	4860.750	879.3628	1394.177
#3	939.9220	29362.68	4872.760	878.0664	1390.598

Sample Name: PB147145BL Acquired: 08/23/2022 14:05:48 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBS145 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005301	-.000467	-.000090	-.002213	.0019221	-.004934	-.000516
Stddev	.003594	.004175	.001150	.004327	.0012308	.000329	.000453
%RSD	67.80101	894.2905	1275.978	195.5654	64.03482	6.674238	87.79474

#1	-.001244	.003384	.001128	-.002341	.0022758	-.004728	-.000071
#2	-.008088	.000118	-.000241	-.006475	.0029372	-.004761	-.000500
#3	-.006572	-.004903	-.001157	.002177	.0005531	-.005314	-.000977

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000833	.0000532	.0173144	-.000022	-.000003	.0001689	-.001864
Stddev	.0000682	.0000106	.0075959	.000071	.000282	.0025310	.005933
%RSD	81.80345	19.86969	43.87024	328.6303	9296.097	1498.401	318.3268

#1	.0001487	.0000559	.0085861	.000060	.000320	-.001425	-.000506
#2	.0000885	.0000416	.0209306	-.000068	-.000197	.003087	.003273
#3	.0000127	.0000622	.0224265	-.000057	-.000132	-.001155	-.008358

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006037	-.007168	.0008999	.0001724	.2892645	.0005218	.0002233
Stddev	.0006853	.011810	.0001373	.0004513	.0292749	.0013549	.0026019
%RSD	113.5194	164.7733	15.25442	261.8210	10.12046	259.6647	1165.021

#1	.0010885	.001616	.0009549	-.000292	.2660675	.0004447	.0022687
#2	.0009029	-.002525	.0007436	.000200	.3221572	-.000793	.0011064
#3	-.000180	-.020594	.0010010	.000609	.2795687	.001914	-.002705

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.032737	-.000125	-.000039	-.000280	-.006396	-.004384	-.001600
Stddev	.034058	.006381	.000489	.000381	.005087	.001669	.001306
%RSD	104.0352	5111.245	1244.977	136.0980	79.53797	38.06720	81.61339

#1	-.064596	-.007247	.000519	.000155	-.011672	-.003862	-.000150
#2	.003160	.001804	-.000395	-.000438	-.005993	-.003038	-.002685
#3	-.036774	.005069	-.000241	-.000556	-.001522	-.006252	-.001966

Sample Name: PB147145BL Acquired: 08/23/2022 14:05:48 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBS145 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000678	-.000202	-.000035
Stddev	.001025	.000604	.000056
%RSD	151.0618	298.3816	162.6596

#1	-.000628	-.000701	-.000056
#2	.000321	-.000374	-.000077
#3	-.001728	.000469	.000029

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	943.4546	29165.68	4915.837	866.5017	1390.063
Stddev	1.6482	41.96	23.354	4.9472	1.515
%RSD	.1747035	.1438557	.4750784	.5709423	.1089610

#1	941.6049	29211.68	4929.210	870.4101	1388.994
#2	944.7676	29155.84	4888.870	860.9394	1389.400
#3	943.9914	29129.52	4929.430	868.1555	1391.796

Sample Name: PB147145BS Acquired: 08/23/2022 14:09:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS145 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0145541	.0497449	.0185612	.0701341	.1217875	.4138931	.4151352
Stddev	.0058737	.0020620	.0020892	.0066000	.0003787	.0069574	.0006862
%RSD	40.35790	4.145127	11.25581	9.410577	.3109152	1.680958	.1653010

#1	.0077752	.0514860	.0193982	.0647012	.1215323	.4219055	.4145205
#2	.0181340	.0474679	.0161832	.0682221	.1216076	.4093813	.4150093
#3	.0177529	.0502809	.0201020	.0774790	.1222225	.4103925	.4158756

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0108212	.0107442	10.72304	.0223535	.1030744	.0546562	.2235792
Stddev	.0000617	.0001381	.01957	.0002775	.0003812	.0016385	.0089735
%RSD	.5706571	1.285088	.1824690	1.241497	.3698638	2.997921	4.013563

#1	.0107972	.0108594	10.72478	.0221011	.1035146	.0559863	.2148112
#2	.0108913	.0105911	10.70266	.0223087	.1028513	.0528258	.2327449
#3	.0107751	.0107822	10.74168	.0226507	.1028573	.0551563	.2231814

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0347130	10.32193	.0850605	.0202717	10.06982	.1041726	.1223759
Stddev	.0003025	.05308	.0003933	.0002196	.27865	.0053083	.0016269
%RSD	.8715081	.5142344	.4624145	1.083067	2.767155	5.095697	1.329388

#1	.0349165	10.31337	.0846123	.0203777	10.38344	.1072475	.1241471
#2	.0343653	10.27364	.0853480	.0200192	9.85075	.0980431	.1209484
#3	.0348570	10.37876	.0852214	.0204181	9.97526	.1072271	.1220321

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.692193	.0196295	.0195177	.0204116	.1933489	.1951664	.0128798
Stddev	.111068	.0042955	.0005925	.0001394	.0028631	.0005390	.0029131
%RSD	1.145957	21.88277	3.035606	.6828313	1.480780	.2761598	22.61752

#1	9.666026	.0243597	.0188758	.0204264	.1959313	.1947528	.0159743
#2	9.596544	.0185569	.0196335	.0202654	.1902701	.1957759	.0124745
#3	9.814008	.0159720	.0200437	.0205430	.1938453	.1949705	.0101906

Sample Name: PB147145BS Acquired: 08/23/2022 14:09:58 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: LCS145 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2140449	.0314754	.2212893
Stddev	.0026592	.0003590	.0005535
%RSD	1.242341	1.140697	.2501327

#1	.2150673	.0310784	.2218598
#2	.2160411	.0317773	.2212535
#3	.2110262	.0315705	.2207545

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	941.2896	29264.72	4947.317	864.8689	1404.332
Stddev	.7629	37.49	18.754	5.2923	1.824
%RSD	.0810488	.1280957	.3790737	.6119197	.1298974

#1	941.1593	29286.37	4943.124	869.4372	1403.644
#2	942.1093	29286.35	4967.812	866.0999	1406.401
#3	940.6003	29221.43	4931.014	859.0696	1402.953

Sample Name: PB147146BL Acquired: 08/23/2022 14:14:06 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBS146 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002243	.0009950	-.000742	-.000097	-.000549	-.010155	-.000612
Stddev	.001704	.0014391	.002192	.002838	.001488	.004945	.000391
%RSD	76.00258	144.6295	295.6023	2932.200	271.1762	48.69907	63.85326

#1	-.000276	.0023265	.000020	-.000114	.001169	-.006514	-.000992
#2	-.003295	-.000532	.000968	-.002926	-.001369	-.008166	-.000212
#3	-.003157	.001190	-.003213	.002750	-.001446	-.015785	-.000631

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001132	.0000533	.0068710	-.000271	.0004948	-.002914	.0043568
Stddev	.0000620	.0001823	.0197637	.000433	.0000968	.001981	.0085162
%RSD	54.77324	341.9291	287.6388	159.6384	19.56342	68.00123	195.4703

#1	.0001471	.0000653	-.008519	-.000711	.0005469	-.003122	-.002551
#2	.0000417	-.000135	.029159	-.000257	.0003831	-.004783	.001749
#3	.0001510	.000229	-.000027	.000154	.0005544	-.000836	.013872

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009003	.0011289	.0006752	-.000094	-.039987	-.003737	-.000890
Stddev	.0008082	.0065855	.0001424	.000371	.215865	.003880	.002234
%RSD	89.77172	583.3861	21.09165	393.0348	539.8361	103.8063	250.9341

#1	.0018264	.0026387	.0007696	.000299	-.261264	-.008205	-.000624
#2	.0005371	.0068283	.0005114	-.000437	.170024	-.001218	-.003246
#3	.0003374	-.006081	.0007447	-.000145	-.028722	-.001789	.001199

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.078673	-.001927	-.002741	-.000215	.0007341	-.004882	-.002223
Stddev	.042081	.003366	.000092	.000419	.0016447	.001149	.000935
%RSD	53.48808	174.6531	3.343759	194.9173	224.0598	23.53870	42.04947

#1	-.031889	-.005041	-.002760	-.000531	-.000654	-.003947	-.003303
#2	-.090700	-.002384	-.002823	.000260	.002551	-.004534	-.001669
#3	-.113432	.001644	-.002642	-.000373	.000305	-.006165	-.001698

Sample Name: PB147146BL Acquired: 08/23/2022 14:14:06 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBS146 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000351	.0003857	-.000016
Stddev	.001473	.0012003	.000071
%RSD	419.1038	311.1762	432.3845

#1	-.001298	-.000993	.000065
#2	.001345	.000952	-.000061
#3	-.001101	.001198	-.000053

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	940.9731	29193.09	4901.970	867.3619	1387.524
Stddev	1.0284	168.08	.363	4.6332	.879
%RSD	.1092921	.5757616	.0074145	.5341713	.0633563

#1	942.0097	29337.78	4901.660	870.6346	1386.641
#2	939.9531	29008.72	4901.880	862.0604	1387.533
#3	940.9563	29232.77	4902.370	869.3907	1388.399

Sample Name: PB147146BS Acquired: 08/23/2022 14:18:16 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: LCS146 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0193498	.0528153	.0209393	.0741156	.1223699	.4178295	.4210321
Stddev	.0033318	.0022869	.0005909	.0020885	.0006892	.0074009	.0008754
%RSD	17.21872	4.330083	2.822051	2.817887	.5631670	1.771283	.2079047

#1	.0210839	.0511407	.0207334	.0760145	.1221921	.4257114	.4200280
#2	.0155086	.0518842	.0204788	.0718788	.1217871	.4110283	.4216347
#3	.0214568	.0554209	.0216056	.0744536	.1231305	.4167487	.4214334

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0110205	.0108311	10.78290	.0224874	.1032951	.0561482	.2164079
Stddev	.0001233	.0001326	.02741	.0002321	.0010020	.0025252	.0075436
%RSD	1.119057	1.224287	.2542392	1.032097	.9699967	4.497326	3.485843

#1	.0110227	.0107091	10.81219	.0222537	.1021572	.0562940	.2124193
#2	.0111428	.0109722	10.77863	.0227179	.1040450	.0585972	.2251085
#3	.0108962	.0108120	10.75786	.0224905	.1036832	.0535532	.2116958

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0356054	10.48888	.0862720	.0205090	10.47310	.1070460	.1216523
Stddev	.0005372	.04461	.0006435	.0002343	.18939	.0022269	.0065846
%RSD	1.508875	.4253213	.7459327	1.142215	1.808359	2.080314	5.412647

#1	.0359006	10.43737	.0855907	.0204493	10.49574	.1095979	.1203076
#2	.0359303	10.51493	.0868696	.0207673	10.65016	.1054966	.1158439
#3	.0349853	10.51435	.0863557	.0203104	10.27341	.1060434	.1288055

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.835639	.0186830	.0165551	.0208652	.1892450	.1966769	.0137846
Stddev	.014920	.0026795	.0003475	.0000191	.0025527	.0013245	.0007332
%RSD	.1516889	14.34206	2.099062	.0914343	1.348862	.6734348	5.319081

#1	9.848819	.0157407	.0168790	.0208579	.1892760	.1977464	.0135366
#2	9.838656	.0193253	.0161880	.0208508	.1866770	.1970890	.0132075
#3	9.819441	.0209830	.0165982	.0208868	.1917820	.1951954	.0146096

Sample Name: PB147146BS Acquired: 08/23/2022 14:18:16 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: LCS146 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2162705	.0304296	.2239322
Stddev	.0025442	.0008080	.0008492
%RSD	1.176409	2.655209	.3792032

#1	.2187556	.0304463	.2238135
#2	.2136710	.0296133	.2248345
#3	.2163850	.0312290	.2231487

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	938.2211	29258.40	4923.221	866.5988	1401.874
Stddev	2.2903	48.52	26.947	8.0738	2.992
%RSD	.2441145	.1658254	.5473446	.9316647	.2134097

#1	939.5463	29203.75	4906.846	874.0770	1405.267
#2	935.5765	29275.03	4908.495	867.6809	1400.742
#3	939.5406	29296.41	4954.322	858.0386	1399.614

Sample Name: N4178-01 Acquired: 08/23/2022 14:22:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX7N7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0197788	.0001924	.0462099	-.004402	.0002910	17.16178	.0989676
Stddev	.0025530	.0039867	.0016999	.005159	.0017112	.10399	.0006428
%RSD	12.90795	2071.899	3.678556	117.1854	588.0143	.6059242	.6495093

#1	.0187109	-.000500	.0481120	-.001927	-.001355	17.28088	.0992364
#2	.0226924	.004480	.0448393	-.000948	.002061	17.11544	.0994323
#3	.0179332	-.003403	.0456785	-.010332	.000168	17.08902	.0982340

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017090	.0001323	10.68151	.0329760	.0159279	.0226327	56.41452
Stddev	.0000812	.0001651	.05160	.0003773	.0001927	.0006439	.23056
%RSD	4.753326	124.8298	.4830353	1.144126	1.209551	2.844878	.4086828

#1	.0016753	.0000037	10.74105	.0329001	.0158222	.0226294	56.66034
#2	.0016500	.0000747	10.65363	.0333855	.0161502	.0232782	56.38013
#3	.0018016	.0003185	10.64985	.0326425	.0158112	.0219905	56.20309

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4504956	5.456262	.0282593	-.000501	.2076385	.0543290	.1255913
Stddev	.0033305	.033521	.0007820	.000160	.0688109	.0015445	.0009717
%RSD	.7393034	.6143566	2.767140	31.93575	33.13974	2.842929	.7737278

#1	.4542902	5.417948	.0290760	-.000664	.2694383	.0532948	.1249360
#2	.4491394	5.480182	.0275174	-.000344	.2199881	.0535878	.1267078
#3	.4480570	5.470655	.0281846	-.000495	.1334891	.0561045	.1251302

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.774353	.6840797	.0988927	.0014774	2.094602	3.438939	.0123804
Stddev	.030582	.0036194	.0006249	.0002324	.011817	.018131	.0001679
%RSD	1.723559	.5290908	.6318754	15.72927	.5641479	.5272244	1.355862

#1	1.795515	.6870499	.0992257	.0017111	2.080999	3.459873	.0123241
#2	1.788253	.6851409	.0992806	.0012463	2.102320	3.428244	.0125692
#3	1.739289	.6800483	.0981719	.0014747	2.100489	3.428700	.0122480

Sample Name: N4178-01 Acquired: 08/23/2022 14:22:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX7N7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5536207	.0107253	-.019711
Stddev	.0027595	.0016227	.000354
%RSD	.4984466	15.12992	1.796019

#1	.5504459	.0103837	-.020120
#2	.5549729	.0093005	-.019500
#3	.5554433	.0124916	-.019513

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	982.0405	30599.83	5193.187	911.7885	1424.734
Stddev	.8832	120.55	24.107	5.1126	1.940
%RSD	.0899352	.3939519	.4642111	.5607211	.1361536

#1	982.7775	30738.97	5166.720	916.2924	1426.965
#2	981.0615	30533.65	5198.950	906.2313	1423.787
#3	982.2824	30526.87	5213.890	912.8418	1423.449

Sample Name: N4178-02 Acquired: 08/23/2022 14:26:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX7N8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0730472	.0120428	2.995544	-.021950	.1370608	46.10123	.7145910
Stddev	.0094183	.0003396	.003293	.005993	.0039245	.27276	.0034043
%RSD	12.89351	2.819979	.1099288	27.30095	2.863311	.5916528	.4763991

#1	.0725239	.0123597	2.994953	-.015036	.1337499	46.40382	.7183261
#2	.0639014	.0116843	2.992586	-.025657	.1360367	46.02561	.7137846
#3	.0827162	.0120845	2.999092	-.025157	.1413958	45.87426	.7116624

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0075127	.0045110	146.9131	.4278789	.0717801	12.27151	442.1700
Stddev	.0001395	.0001748	.4711	.0005884	.0007167	.08721	1.6629
%RSD	1.856784	3.876087	.3206614	.1375086	.9984643	.7106803	.3760679

#1	.0073679	.0045556	147.4570	.4274053	.0710397	12.35578	444.0890
#2	.0075239	.0043182	146.6359	.4285376	.0724705	12.27713	441.1554
#3	.0076463	.0046593	146.6463	.4276939	.0718300	12.18163	441.2655

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.762339	39.86734	.2594308	-.003101	1.518688	.1678377	1.775417
Stddev	.024872	.28424	.0008360	.000235	.082581	.0015608	.018689
%RSD	.4316367	.7129571	.3222532	7.564076	5.437650	.9299754	1.052660

#1	5.790979	40.16237	.2590364	-.002831	1.507399	.1694346	1.753847
#2	5.746161	39.59529	.2588649	-.003250	1.606332	.1663157	1.785623
#3	5.749878	39.84436	.2603910	-.003223	1.442332	.1677629	1.786780

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.919240	3.107267	.7801522	.0800451	6.372904	9.952867	3.750162
Stddev	.050347	.016149	.0039817	.0008571	.030150	.061021	.009304
%RSD	1.023468	.5197206	.5103756	1.070758	.4731004	.6130955	.2481022

#1	4.957838	3.091421	.7846670	.0803473	6.345015	10.01204	3.748880
#2	4.937590	3.123703	.7771423	.0790778	6.404896	9.95641	3.741565
#3	4.862292	3.106678	.7786471	.0807101	6.368801	9.89015	3.760041

Sample Name: N4178-02 Acquired: 08/23/2022 14:26:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX7N8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.375362	.0349305	-.135538
Stddev	.012485	.0009744	.001206
%RSD	.9077378	2.789687	.8899326

#1	1.382773	.0358232	-.136690
#2	1.360948	.0350773	-.135639
#3	1.382365	.0338910	-.134284

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	968.6740	31212.04	5287.224	901.7403	1334.931
Stddev	2.0285	80.05	20.371	1.0655	2.887
%RSD	.2094072	.2564608	.3852905	.1181611	.2162545

#1	969.5991	31220.94	5266.550	902.5867	1337.907
#2	970.0751	31287.27	5307.279	902.0904	1334.743
#3	966.3479	31127.92	5287.844	900.5438	1332.142

Sample Name: N4178-03 Acquired: 08/23/2022 14:30:34 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX7N9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0556662	.0161385	.2257787	-.014127	.0125001	24.31290	.2011486
Stddev	.0113398	.0034084	.0014858	.003973	.0012035	.08818	.0005328
%RSD	20.37114	21.11968	.6581010	28.12226	9.628245	.3626850	.2648543

#1	.0600145	.0123853	.2241151	-.009695	.0113326	24.38510	.2010850
#2	.0641883	.0190409	.2262469	-.015318	.0137367	24.21463	.2006505
#3	.0427957	.0169894	.2269740	-.017368	.0124309	24.33899	.2017103

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052209	.0052313	78.88068	.4096317	.0726572	.1951328	329.7521
Stddev	.0001097	.0002336	.27385	.0008821	.0002234	.0049867	.9530
%RSD	2.101132	4.464902	.3471673	.2153472	.3075192	2.555527	.2890080

#1	.0053301	.0049732	79.12389	.4104965	.0727256	.1967795	330.3012
#2	.0052220	.0052925	78.58406	.4087331	.0724076	.1895311	328.6516
#3	.0051107	.0054282	78.93409	.4096654	.0728385	.1990879	330.3034

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.672894	26.82267	.2839187	-.003499	.5973020	.0878796	1.256336
Stddev	.009575	.09170	.0008465	.000180	.2767243	.0039876	.005408
%RSD	.1434901	.3418595	.2981571	5.142059	46.32904	4.537622	.4304259

#1	6.683268	26.86958	.2833541	-.003300	.6853719	.0870921	1.262115
#2	6.664395	26.88142	.2835100	-.003548	.2872613	.0843445	1.255494
#3	6.671019	26.71701	.2848921	-.003650	.8192730	.0922023	1.251399

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.203227	3.613157	.5484562	.1290785	1.064985	3.207083	-.000408
Stddev	.049749	.007607	.0034026	.0005191	.008311	.016948	.001455
%RSD	1.553101	.2105435	.6204022	.4021387	.7804330	.5284631	356.8773

#1	3.247296	3.621722	.5509627	.1285774	1.065144	3.187602	.001057
#2	3.213105	3.607186	.5445826	.1290443	1.056595	3.218434	-.000426
#3	3.149280	3.610563	.5498234	.1296139	1.073216	3.215214	-.001854

Sample Name: N4178-03 Acquired: 08/23/2022 14:30:34 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX7N9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6379913	.0251547	-.236123
Stddev	.0038011	.0011622	.000919
%RSD	.5957858	4.620147	.3891545

#1	.6413800	.0263623	-.236523
#2	.6338812	.0240440	-.235072
#3	.6387126	.0250577	-.236773

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	984.9443	31502.44	5327.450	915.5491	1355.537
Stddev	.5021	60.14	14.532	2.4999	1.436
%RSD	.0509752	.1909031	.2727736	.2730443	.1059060

#1	984.7803	31462.04	5323.781	918.2702	1356.205
#2	984.5448	31473.73	5343.465	913.3542	1353.889
#3	985.5079	31571.55	5315.105	915.0229	1356.517

Sample Name: N4178-04 Acquired: 08/23/2022 14:34:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX7P0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0519474	.0025792	.6342606	-.000084	.0029554	32.46650	.4878654
Stddev	.0010421	.0005906	.0006576	.001605	.0053989	.21383	.0027819
%RSD	2.006019	22.89728	.1036784	1917.823	182.6756	.6586192	.5702266

#1	.0507939	.0019613	.6345648	.000307	.0014440	32.22370	.4850889
#2	.0522275	.0031380	.6335060	-.001848	.0089489	32.54903	.4878544
#3	.0528207	.0026383	.6347110	.001290	-.001527	32.62677	.4906528

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0047647	.0020729	20.23573	.0631108	.0437637	.2131574	108.2596
Stddev	.0001733	.0001066	.08030	.0004145	.0005391	.0014320	.4737
%RSD	3.636350	5.141341	.3968308	.6567805	1.231872	.6717850	.4375821

#1	.0046499	.0019792	20.14535	.0630721	.0441330	.2124658	107.7129
#2	.0046802	.0020507	20.26297	.0635433	.0440129	.2148039	108.5156
#3	.0049640	.0021889	20.29886	.0627170	.0431450	.2122026	108.5502

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.863962	9.070806	.1049806	-.000701	.4635165	.0938097	.6178217
Stddev	.003653	.040727	.0005872	.000432	.2194684	.0006946	.0060164
%RSD	.1960053	.4489925	.5593466	61.60036	47.34856	.7404748	.9738157

#1	1.860809	9.056279	.1055053	-.001001	.7153184	.0938967	.6108759
#2	1.867966	9.039334	.1050902	-.000206	.3623793	.0944567	.6214164
#3	1.863111	9.116805	.1043464	-.000895	.3128519	.0930756	.6211728

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.079913	2.759742	.2181831	.0239144	2.221234	5.678680	.0245457
Stddev	.095869	.002485	.0013650	.0001090	.006129	.036723	.0012642
%RSD	3.112710	.0900515	.6256270	.4557051	.2759438	.6466732	5.150277

#1	3.143396	2.756959	.2166690	.0240253	2.225145	5.669226	.0258232
#2	2.969633	2.760528	.2185606	.0238075	2.214170	5.647609	.0232953
#3	3.126709	2.761739	.2193196	.0239103	2.224387	5.719205	.0245185

Sample Name: N4178-04 Acquired: 08/23/2022 14:34:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX7P0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8623617	.0265100	-.010248
Stddev	.0068051	.0001352	.000473
%RSD	.7891281	.5098263	4.619811

#1	.8623697	.0266536	-.009703
#2	.8691629	.0263853	-.010554
#3	.8555526	.0264911	-.010489

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1008.067	31384.37	5307.517	924.7215	1406.032
Stddev	.769	81.53	23.478	6.8535	.375
%RSD	.0763184	.2597880	.4423630	.7411397	.0266770

#1	1008.929	31434.64	5321.763	931.7502	1406.460
#2	1007.819	31290.30	5320.369	924.3565	1405.878
#3	1007.452	31428.18	5280.418	918.0578	1405.759

Sample Name: N4178-05 Acquired: 08/23/2022 14:38:37 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX7P1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0889273	.0056978	.2184518	-.003916	.0044748	65.37927	.2597010
Stddev	.0061294	.0024819	.0014860	.001637	.0007757	.32389	.0017287
%RSD	6.892586	43.55795	.6802454	41.80778	17.33460	.4954009	.6656562

#1	.0831071	.0067827	.2189676	-.005404	.0036441	65.21348	.2582199
#2	.0883498	.0028583	.2167766	-.002162	.0051802	65.75249	.2616005
#3	.0953250	.0074526	.2196111	-.004183	.0046003	65.17184	.2592827

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0044561	.0008092	12.11831	.0789744	.1026645	.2658888	182.5179
Stddev	.0001423	.0001944	.05136	.0007980	.0010248	.0025729	.9789
%RSD	3.192745	24.02513	.4237851	1.010428	.9981519	.9676673	.5363565

#1	.0046009	.0010337	12.12876	.0789324	.1016009	.2633077	181.9287
#2	.0043165	.0006943	12.16364	.0781982	.1027472	.2684535	183.6479
#3	.0044508	.0006996	12.06253	.0797925	.1036454	.2659051	181.9769

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.291695	17.71398	.2139914	-.001369	.8061885	.1429540	.8743062
Stddev	.017702	.06063	.0003423	.000440	.1441300	.0036666	.0096209
%RSD	.5377882	.3422795	.1599590	32.16389	17.87795	2.564855	1.100403

#1	3.281408	17.74392	.2138225	-.001502	.8745416	.1387479	.8720442
#2	3.312136	17.75382	.2137664	-.000877	.6405991	.1446387	.8848565
#3	3.281542	17.64420	.2143853	-.001727	.9034249	.1454754	.8660178

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.564726	1.502758	.3079087	.0644782	.5347358	7.700970	-.002415
Stddev	.039114	.007861	.0025531	.0008128	.0099923	.013529	.001758
%RSD	.8568674	.5231305	.8291886	1.260533	1.868649	.1756799	72.79063

#1	4.556822	1.499348	.3052567	.0636730	.5435370	7.685457	-.001697
#2	4.607188	1.511748	.3103499	.0644633	.5238737	7.710322	-.004418
#3	4.530168	1.497177	.3081194	.0652984	.5367966	7.707131	-.001129

Sample Name: N4178-05 Acquired: 08/23/2022 14:38:37 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX7P1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5696057	.0556579	-.134686
Stddev	.0061503	.0012241	.000903
%RSD	1.079749	2.199237	.6701604

#1	.5671677	.0555421	-.134082
#2	.5766013	.0569357	-.135724
#3	.5650482	.0544958	-.134252

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1016.145	31802.61	5375.772	939.6998	1393.575
Stddev	3.166	33.57	9.861	2.7993	1.252
%RSD	.3116087	.1055464	.1834276	.2978983	.0898711

#1	1016.432	31774.30	5375.888	937.1376	1393.808
#2	1019.157	31793.84	5365.854	942.6875	1394.694
#3	1012.844	31839.69	5385.574	939.2743	1392.222

Sample Name: N4178-06 Acquired: 08/23/2022 14:42:40 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX7P2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0459424	.0016182	1.245001	-.000625	.0032732	50.77341	1.176810
Stddev	.0033671	.0042879	.004010	.002930	.0022534	.17641	.003751
%RSD	7.329011	264.9750	.3220962	469.0954	68.84454	.3474520	.3187389

#1	.0453814	-.000274	1.242506	.001616	.0007415	50.82228	1.179560
#2	.0428910	-.001398	1.242869	-.003941	.0050593	50.57772	1.172537
#3	.0495548	.006527	1.249626	.000451	.0040189	50.92024	1.178334

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0046019	.0042256	26.31543	.0868487	.0637964	.1426774	110.3344
Stddev	.0000454	.0000967	.05391	.0001242	.0006742	.0010527	.4283
%RSD	.9865043	2.287528	.2048467	.1430035	1.056844	.7377899	.3881389

#1	.0046170	.0042425	26.35834	.0868689	.0630419	.1433370	110.1248
#2	.0045509	.0043127	26.25492	.0869616	.0643398	.1414634	110.0513
#3	.0046379	.0041216	26.33302	.0867157	.0640075	.1432318	110.8270

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.808553	9.551349	.1179938	-.000593	.2191722	.1372491	1.125399
Stddev	.010382	.042754	.0008281	.000077	.3004964	.0016293	.008364
%RSD	.2726063	.4476260	.7018472	12.94066	137.1052	1.187073	.7432124

#1	3.810202	9.506943	.1170437	-.000582	.5656572	.1384278	1.121542
#2	3.797446	9.592234	.1185630	-.000675	.0620288	.1379296	1.134996
#3	3.818013	9.554869	.1183745	-.000523	.0298306	.1353900	1.119660

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.025551	4.848962	.1970275	.0198194	3.480609	7.813909	.0090515
Stddev	.057818	.019816	.0003480	.0001435	.003664	.087225	.0012586
%RSD	1.436285	.4086654	.1766231	.7238522	.1052831	1.116283	13.90437

#1	3.964178	4.844316	.1972973	.0197211	3.477426	7.828233	.0096977
#2	4.033478	4.831882	.1971506	.0199840	3.479785	7.720408	.0076011
#3	4.078997	4.870689	.1966347	.0197531	3.484615	7.893085	.0098557

Sample Name: N4178-06 Acquired: 08/23/2022 14:42:40 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EX7P2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.097183	.0347071	.1220117
Stddev	.002877	.0016556	.0003287
%RSD	.2622455	4.770332	.2694316

#1	1.100128	.0365626	.1216960
#2	1.097042	.0341781	.1223521
#3	1.094379	.0333806	.1219870

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1011.860	31732.53	5347.300	935.1485	1398.747
Stddev	1.706	105.34	26.116	1.8015	1.497
%RSD	.1685679	.3319515	.4884020	.1926432	.1070236

#1	1013.772	31846.91	5366.066	935.6416	1399.378
#2	1011.313	31639.52	5358.360	933.1517	1399.825
#3	1010.495	31711.14	5317.473	936.6520	1397.038

Sample Name: N4178-07 Acquired: 08/23/2022 14:46:41 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX7P3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1639162	.0094318	.8536945	-.012468	.0068772	53.65087	2.196828
Stddev	.0042869	.0016267	.0024262	.005701	.0033783	.14735	.006864
%RSD	2.615308	17.24697	.2841995	45.72420	49.12250	.2746445	.3124559

#1	.1678154	.0100233	.8541604	-.015426	.0107476	53.80304	2.204708
#2	.1593256	.0075921	.8510691	-.016082	.0045203	53.50887	2.192151
#3	.1646075	.0106800	.8558539	-.005896	.0053638	53.64070	2.193624

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0087642	.0042321	140.0196	.3959061	.0921244	.3029866	242.4873
Stddev	.0001834	.0001456	.3443	.0006097	.0005947	.0017958	.7732
%RSD	2.092411	3.441021	.2458627	.1540005	.6455740	.5926910	.3188559

#1	.0088630	.0041626	140.2048	.3963625	.0915098	.3009131	242.3845
#2	.0085526	.0041343	139.6224	.3961421	.0926970	.3040085	241.7707
#3	.0088769	.0043995	140.2316	.3952137	.0921663	.3040382	243.3068

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.440634	19.56246	.1930140	-.001980	.9683935	.1536536	1.030676
Stddev	.019944	.12427	.0009996	.000345	.1222784	.0023294	.012161
%RSD	.2680421	.6352418	.5178826	17.43234	12.62694	1.516029	1.179931

#1	7.447208	19.52742	.1920324	-.002283	1.082241	.1543439	1.021086
#2	7.418233	19.45947	.1940306	-.002053	.839143	.1555598	1.044354
#3	7.456461	19.70048	.1929790	-.001604	.983796	.1510570	1.026586

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.511653	8.638548	.4755641	.0244207	2.114632	7.266817	.1884362
Stddev	.028926	.011401	.0013560	.0002306	.012949	.021608	.0024929
%RSD	.3850756	.1319790	.2851274	.9441693	.6123482	.2973485	1.322930

#1	7.522433	8.626154	.4768856	.0244621	2.099842	7.285694	.1871834
#2	7.478885	8.640901	.4756304	.0241722	2.123929	7.243249	.1868181
#3	7.533640	8.648589	.4741761	.0246277	2.120124	7.271508	.1913070

Sample Name: N4178-07 Acquired: 08/23/2022 14:46:41 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EX7P3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.224584	.0631335	.5266606
Stddev	.006285	.0014085	.0007561
%RSD	.5132614	2.231007	.1435650

#1	1.231271	.0646802	.5270002
#2	1.218798	.0619245	.5257942
#3	1.223682	.0627958	.5271874

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	994.4408	31668.48	5378.318	928.6803	1345.194
Stddev	1.5823	195.00	21.038	1.5447	1.584
%RSD	.1591193	.6157409	.3911549	.1663346	.1177566

#1	995.0387	31892.99	5376.445	929.8744	1343.622
#2	995.6371	31541.41	5400.230	926.9357	1346.790
#3	992.6466	31571.04	5358.280	929.2307	1345.168

Sample Name: N4178-08 Acquired: 08/23/2022 14:56:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX7P4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0654118	.0107756	.2333721	-.002518	.0073455	35.58921	.2996957
Stddev	.0039607	.0022070	.0031814	.005138	.0013533	.17003	.0011730
%RSD	6.054980	20.48166	1.363221	204.0059	18.42287	.4777458	.3914123

#1	.0648132	.0088780	.2305969	-.006810	.0062376	35.42213	.2986097
#2	.0617846	.0131976	.2326752	-.003919	.0088538	35.76204	.2995377
#3	.0696378	.0102512	.2368442	.003174	.0069452	35.58346	.3009397

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030370	.0027055	470.5742	.0530480	.0578711	.1401092	102.8279
Stddev	.0001532	.0000805	1.2056	.0004198	.0004171	.0038550	.3285
%RSD	5.044211	2.974299	.2561949	.7912786	.7206592	2.751434	.3194569

#1	.0028653	.0026279	470.2783	.0532901	.0573999	.1361173	102.7683
#2	.0031597	.0027001	471.9002	.0525634	.0580205	.1403993	103.1821
#3	.0030860	.0027886	469.5442	.0532907	.0581929	.1438109	102.5333

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.659827	266.7525	.1284706	-.001341	1.096399	.0949839	.7123560
Stddev	.008592	1.0203	.0000818	.000174	.067264	.0038445	.0154232
%RSD	.3230340	.3824741	.0636522	12.97354	6.134971	4.047546	2.165096

#1	2.652346	267.1332	.1283765	-.001285	1.125845	.0954275	.6951208
#2	2.669211	267.5277	.1285113	-.001202	1.143918	.0985874	.7248577
#3	2.657925	265.5966	.1285241	-.001536	1.019434	.0909369	.7170894

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.891916	2.487766	.2006624	.0424102	1.880211	5.515367	.0083581
Stddev	.036493	.014387	.0019882	.0002950	.002219	.008245	.0005238
%RSD	.9376499	.5783271	.9907953	.6954820	.1180310	.1494949	6.267185

#1	3.852247	2.480606	.2000261	.0420972	1.877891	5.519111	.0085308
#2	3.924058	2.504328	.2028909	.0426830	1.882313	5.505914	.0077697
#3	3.899444	2.478363	.1990704	.0424505	1.880429	5.521075	.0087738

Sample Name: N4178-08 Acquired: 08/23/2022 14:56:35 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EX7P4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5720304	.0379563	.0999082
Stddev	.0066462	.0004603	.0001301
%RSD	1.161852	1.212800	.1301912

#1	.5684144	.0379576	.1000399
#2	.5679763	.0374953	.0997799
#3	.5797006	.0384160	.0999049

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	917.6840	29862.47	5088.789	858.8077	1224.786
Stddev	1.6311	41.84	31.575	.9272	1.775
%RSD	.1777463	.1400936	.6204733	.1079595	.1448923

#1	919.1852	29820.14	5090.630	857.8034	1226.273
#2	915.9483	29863.48	5056.335	858.9884	1225.264
#3	917.9186	29903.79	5119.403	859.6312	1222.822

Sample Name: N4178-09 Acquired: 08/23/2022 15:00:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX7P4D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0660382	.0047458	.2287754	-.008430	.0047877	35.12970	.2873789
Stddev	.0049476	.0025200	.0046406	.006724	.0031374	.05364	.0002314
%RSD	7.492026	53.09930	2.028464	79.76115	65.53070	.1527039	.0805199

#1	.0716777	.0074909	.2341121	-.000666	.0015784	35.17959	.2872383
#2	.0624277	.0042092	.2265253	-.012316	.0078478	35.13654	.2876460
#3	.0640091	.0025373	.2256888	-.012308	.0049368	35.07296	.2872525

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029644	.0027517	535.5075	.0522909	.0577952	.1428736	102.8614
Stddev	.0001002	.0001528	.7708	.0003885	.0005021	.0052359	.1129
%RSD	3.380283	5.554080	.1439390	.7429138	.8687199	3.664674	.1097703

#1	.0028779	.0025757	536.1570	.0525108	.0583292	.1409689	102.8194
#2	.0029412	.0028505	535.7098	.0518423	.0573327	.1388568	102.9893
#3	.0030742	.0028289	534.6557	.0525195	.0577237	.1487952	102.7754

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.580615	304.7812	.1268465	-.000780	1.112212	.0904633	.7085140
Stddev	.006388	.6565	.0002133	.000194	.205017	.0023937	.0086482
%RSD	.2475251	.2154106	.1681877	24.84359	18.43326	2.646013	1.220611

#1	2.586649	305.1544	.1270349	-.000708	1.021900	.0878863	.7150651
#2	2.573924	305.1661	.1266148	-.001000	1.346880	.0926172	.7117655
#3	2.581271	304.0231	.1268898	-.000633	.967856	.0908863	.6987113

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.882579	2.409442	.2056907	.0431612	1.920773	5.503362	.0115764
Stddev	.069208	.011887	.0007911	.0007491	.017424	.062960	.0022342
%RSD	1.782532	.4933694	.3846021	1.735615	.9071502	1.144022	19.29944

#1	3.857091	2.408225	.2049078	.0423177	1.940520	5.445895	.0105839
#2	3.960916	2.421891	.2064898	.0434171	1.907561	5.493534	.0100105
#3	3.829728	2.398210	.2056744	.0437488	1.914237	5.570658	.0141349

Sample Name: N4178-09 Acquired: 08/23/2022 15:00:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX7P4D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5623928	.0399418	.1223641
Stddev	.0069144	.0005824	.0012470
%RSD	1.229459	1.458039	1.019074

#1	.5684754	.0403978	.1235457
#2	.5638304	.0401418	.1224860
#3	.5548727	.0392858	.1210607

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	909.1196	29742.87	5063.954	853.9279	1210.214
Stddev	1.6249	133.31	2.449	3.7617	1.077
%RSD	.1787388	.4482142	.0483663	.4405222	.0890137

#1	908.0459	29589.48	5061.184	849.6051	1211.439
#2	908.3239	29830.78	5064.844	855.7213	1209.786
#3	910.9891	29808.35	5065.834	856.4574	1209.416

Sample Name: N4178-10 Acquired: 08/23/2022 15:04:41 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX7P4S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1310467	.1045631	.2773739	.1648448	.1844550	42.61711	4.103680
Stddev	.0067657	.0013762	.0034113	.0009930	.0023111	.15220	.016384
%RSD	5.162809	1.316177	1.229863	.6023589	1.252910	.3571387	.3992518

#1	.1347858	.1042355	.2738514	.1647805	.1836002	42.76561	4.115617
#2	.1351176	.1033803	.2776085	.1658683	.1870717	42.62427	4.110423
#3	.1232367	.1060736	.2806619	.1638855	.1826932	42.46146	4.085001

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0995842	.0999110	40.40986	.4639843	1.047994	.6423769	125.6416
Stddev	.0001546	.0000791	.11326	.0016724	.001084	.0019610	.3339
%RSD	.1552276	.0791830	.2802802	.3604361	.1033887	.3052688	.2657383

#1	.0994065	.0999223	40.51866	.4658778	1.047228	.6445939	126.0271
#2	.0996588	.0998268	40.41831	.4627093	1.047521	.6416673	125.4480
#3	.0996873	.0999838	40.29261	.4633657	1.049234	.6408695	125.4496

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.701386	21.75068	1.152897	.0895876	.8893853	1.060774	1.915196
Stddev	.008394	.05106	.004072	.0002012	.1688516	.008899	.012224
%RSD	.2267831	.2347520	.3531747	.2245963	18.98521	.8389467	.6382620

#1	3.709632	21.79246	1.152714	.0893694	1.077043	1.070467	1.927908
#2	3.701673	21.69376	1.148920	.0896274	.841373	1.058881	1.914154
#3	3.692852	21.76581	1.157057	.0897659	.749739	1.052973	1.903527

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.897388	2.198088	.2154299	.0527013	1.131201	7.445896	-.000162
Stddev	.110672	.011256	.0025632	.0001732	.007949	.041164	.001661
%RSD	2.839636	.5120784	1.189785	.3286430	.7026832	.5528350	1023.483

#1	4.001178	2.186595	.2183455	.0528432	1.139395	7.469217	.000096
#2	3.780926	2.198580	.2135315	.0525083	1.123522	7.470103	-.001937
#3	3.910061	2.209091	.2144127	.0527526	1.130686	7.398367	.001354

Sample Name: N4178-10 Acquired: 08/23/2022 15:04:41 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX7P4S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6695528	.0351722	-.076313
Stddev	.0157351	.0009237	.000252
%RSD	2.350092	2.626366	.3298874

#1	.6877207	.0358359	-.076603
#2	.6602697	.0341172	-.076168
#3	.6606680	.0355634	-.076167

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	995.0027	31219.77	5307.345	919.6320	1389.070
Stddev	1.3255	59.05	5.723	5.3224	2.344
%RSD	.1332191	.1891388	.1078346	.5787489	.1687408

#1	993.5375	31271.35	5313.612	925.0199	1388.228
#2	995.3521	31232.60	5302.395	914.3777	1391.719
#3	996.1186	31155.36	5306.028	919.4983	1387.264

Sample Name: N4178-08LX5 Acquired: 08/23/2022 15:08:39 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EX7P4L Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0103368	.0002390	.0416253	-.004421	.0009563	7.051742	.0592700
Stddev	.0056021	.0041597	.0029820	.002044	.0036075	.024200	.0005230
%RSD	54.19586	1740.769	7.163863	46.23320	377.2453	.3431732	.8824273

#1	.0167675	-.001031	.0432474	-.003345	.0010201	7.039188	.0597702
#2	.0065140	.004886	.0434447	-.006778	-.002683	7.036398	.0587268
#3	.0077290	-.003138	.0381839	-.003140	.004531	7.079639	.0593129

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006817	.0005512	102.6660	.0111121	.0095935	.0275309	21.73718
Stddev	.0000304	.0000843	.0803	.0002722	.0002553	.0015620	.06952
%RSD	4.455318	15.30083	.0782342	2.449289	2.661144	5.673584	.3198191

#1	.0006492	.0004540	102.6047	.0108480	.0098080	.0260316	21.79894
#2	.0006866	.0006048	102.6364	.0110968	.0096615	.0274123	21.66189
#3	.0007093	.0005948	102.7569	.0113916	.0093111	.0291488	21.75071

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5551998	56.66123	.0253155	.0001426	.0319644	.0155453	.1418944
Stddev	.0017286	.12916	.0001610	.0003418	.1691067	.0006327	.0061222
%RSD	.3113462	.2279593	.6358838	239.6719	529.0474	4.070342	4.314623

#1	.5536154	56.52373	.0252081	.0004850	.2271110	.0160058	.1404286
#2	.5549406	56.67994	.0255006	-.000199	-.071561	.0148238	.1366381
#3	.5570433	56.78002	.0252379	.000142	-.059657	.0158062	.1486164

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7244928	.4519705	.0376770	.0080731	.3493396	1.046531	-.001091
Stddev	.0286596	.0068705	.0011428	.0001618	.0094170	.003635	.003501
%RSD	3.955813	1.520110	3.033197	2.003536	2.695657	.3473779	320.7907

#1	.7220089	.4561221	.0376040	.0080391	.3498900	1.048187	.002945
#2	.7543135	.4557493	.0388545	.0079310	.3396594	1.042363	-.003309
#3	.6971560	.4440401	.0365724	.0082491	.3584693	1.049044	-.002910

Sample Name: N4178-08LX5 Acquired: 08/23/2022 15:08:39 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX7P4L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1166370	.0075882	.0221163
Stddev	.0017164	.0011101	.0001264
%RSD	1.471531	14.62982	.5716712

#1	.1148697	.0079403	.0220049
#2	.1167441	.0084796	.0220904
#3	.1182974	.0063447	.0222537

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	923.9833	29189.62	4919.727	851.5175	1340.066
Stddev	1.0915	60.10	2.918	1.4775	.817
%RSD	.1181274	.2058963	.0593151	.1735162	.0609544

#1	925.0284	29132.88	4921.279	849.9402	1340.912
#2	922.8507	29183.39	4921.541	851.7430	1340.006
#3	924.0706	29252.59	4916.361	852.8693	1339.281

Sample Name: N4178-11 Acquired: 08/23/2022 15:12:44 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX7P5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0490299	.0096942	.1488131	-.008315	.0008435	27.64253
Stddev	.0114993	.0031751	.0047350	.002544	.0034113	.05771
%RSD	23.45362	32.75273	3.181874	30.59866	404.4236	.2087740

#1	.0622898	.0129525	.1481942	-.011247	.0026733	27.69655
#2	.0417963	.0066094	.1538271	-.007015	-.003092	27.64932
#3	.0430036	.0095207	.1444178	-.006684	.002950	27.58173

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1555275	.0024984	.0015641	F 1107.437	.0495226	.0292820
Stddev	.0003197	.0000499	.0000834	4.632	.0004545	.0006069
%RSD	.2055631	1.995494	5.333042	.4182272	.9178366	2.072419

#1	.1553542	.0024852	.0016573	1105.706	.0497727	.0299827
#2	.1558964	.0024565	.0015382	1103.921	.0497972	.0289281
#3	.1553318	.0025535	.0014967	1112.685	.0489979	.0289352

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0963728	67.14800	1.195630	225.8163	.0959009	-.000829
Stddev	.0054048	.01195	.002570	.3395	.0007641	.000225
%RSD	5.608216	.0177995	.2149254	.1503407	.7967389	27.12230

#1	.0984832	67.14582	1.198594	226.1062	.0967146	-.000576
#2	.0902312	67.16089	1.194261	225.4428	.0951988	-.001006
#3	.1004040	67.13728	1.194034	225.8997	.0957892	-.000904

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4057575	.1009797	.5583491	2.837619	1.282908	.1219723
Stddev	.0636679	.0053368	.0076359	.031624	.008411	.0015265
%RSD	15.69112	5.284987	1.367582	1.114450	.6556404	1.251497

#1	.3603307	.1043314	.5507493	2.811125	1.279386	.1233173
#2	.3784118	.0948255	.5582775	2.829103	1.276830	.1222865
#3	.4785299	.1037822	.5660206	2.872628	1.292508	.1203132

Sample Name: N4178-11 Acquired: 08/23/2022 15:12:44 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX7P5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0209002	4.205736	5.613733	.0296308	.4059512	.0363715
Stddev	.0001092	.005019	.023765	.0027648	.0026117	.0011925
%RSD	.5225458	.1193462	.4233285	9.330803	.6433519	3.278551

#1	.0208583	4.203047	5.588569	.0264449	.4033414	.0370187
#2	.0210242	4.211527	5.616837	.0310449	.4085648	.0349954
#3	.0208182	4.202635	5.635793	.0314024	.4059474	.0371005

Elem	Sr4077
Units	ppm
Avg	.3597359
Stddev	.0004419
%RSD	.1228415

#1	.3594309
#2	.3602426
#3	.3595341

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	884.6074	28862.15	4973.501	829.1368	1162.726
Stddev	1.0050	45.23	11.203	3.1798	1.339
%RSD	.1136048	.1567248	.2252513	.3835101	.1151743

#1	885.7650	28834.04	4971.892	830.3981	1164.103
#2	883.9588	28914.33	4985.421	825.5198	1162.648
#3	884.0983	28838.09	4963.189	831.4924	1161.428

Sample Name: N4178-12 Acquired: 08/23/2022 15:16:59 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX7Q8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0774905	.0057612	1.660508	-.002665	.0058276	68.59054	.6478020
Stddev	.0095713	.0012255	.002926	.003501	.0018267	.36068	.0023155
%RSD	12.35158	21.27060	.1762104	131.3716	31.34490	.5258435	.3574372

#1	.0671753	.0043464	1.657943	-.005124	.0066179	68.92577	.6496448
#2	.0860843	.0064477	1.663695	-.004213	.0037389	68.63694	.6485582
#3	.0792118	.0064895	1.659887	.001343	.0071260	68.20891	.6452029

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0053043	.0021018	31.93587	.1564135	.0882628	.2589867	186.4645
Stddev	.0000845	.0001432	.15737	.0019227	.0004725	.0033192	.5190
%RSD	1.593869	6.815433	.4927535	1.229250	.5352901	1.281611	.2783536

#1	.0054017	.0020078	32.07720	.1543494	.0877333	.2595423	186.8958
#2	.0052610	.0020309	31.96411	.1581537	.0886411	.2619931	186.6093
#3	.0052501	.0022666	31.76630	.1567375	.0884141	.2554248	185.8885

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.631501	16.44579	.1924638	-.001355	.3889374	.1750190	1.263303
Stddev	.012450	.13245	.0006437	.000621	.1440905	.0018157	.002730
%RSD	.2688011	.8053427	.3344321	45.81946	37.04723	1.037408	.2160662

#1	4.639861	16.58282	.1918101	-.000769	.4501713	.1768753	1.264086
#2	4.637448	16.43610	.1924843	-.001290	.4922976	.1749346	1.265556
#3	4.617193	16.31846	.1930969	-.002006	.2243432	.1732469	1.260268

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.752176	3.094076	.3200110	.0534284	1.814817	7.637327	.0112260
Stddev	.075035	.012994	.0022380	.0004600	.011976	.007914	.0045254
%RSD	1.578955	.4199573	.6993626	.8610477	.6599191	.1036254	40.31152

#1	4.827723	3.084958	.3198326	.0529030	1.801410	7.643203	.0141620
#2	4.751140	3.108954	.3223329	.0537588	1.824456	7.628328	.0060145
#3	4.677664	3.088315	.3178675	.0536235	1.818585	7.640451	.0135015

Sample Name: N4178-12 Acquired: 08/23/2022 15:16:59 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX7Q8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8862165	.0586326	-.011539
Stddev	.0022094	.0004609	.000800
%RSD	.2493045	.7860654	6.933837

#1	.8838545	.0589388	-.012268
#2	.8882324	.0581026	-.011667
#3	.8865626	.0588565	-.010683

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1000.652	31379.11	5296.840	926.7752	1385.914
Stddev	1.572	190.82	14.266	10.0564	1.870
%RSD	.1571450	.6081139	.2693212	1.085098	.1349407

#1	1002.432	31598.48	5296.886	938.3873	1387.857
#2	999.450	31251.57	5282.551	920.9566	1385.760
#3	1000.075	31287.26	5311.082	920.9816	1384.126

Sample Name: N4178-13 Acquired: 08/23/2022 15:21:02 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX7Q8D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0794336	.0089824	1.537363	-.005822	.0049767	68.78229	.6321564
Stddev	.0042644	.0043630	.005631	.001578	.0029905	.34145	.0019006
%RSD	5.368448	48.57259	.3662975	27.10721	60.08914	.4964229	.3006491

#1	.0825226	.0055560	1.533952	-.004606	.0065691	68.64176	.6314523
#2	.0812100	.0074971	1.534273	-.005255	.0068340	68.53353	.6307083
#3	.0745682	.0138942	1.543862	-.007605	.0015270	69.17158	.6343085

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0053797	.0022656	31.01983	.1512290	.0891982	.2740394	193.0529
Stddev	.0000551	.0001380	.09288	.0009046	.0001421	.0006897	.5925
%RSD	1.024618	6.091377	.2994175	.5981678	.1593400	.2516715	.3069186

#1	.0053372	.0021081	30.99938	.1522665	.0892960	.2747936	192.7720
#2	.0053599	.0023234	30.93888	.1506053	.0890352	.2738839	192.6531
#3	.0054420	.0023654	31.12123	.1508153	.0892635	.2734408	193.7337

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.523096	16.84660	.1998846	-.001428	.2731111	.1729665	1.334746
Stddev	.016750	.01397	.0014766	.000546	.1514938	.0027511	.010431
%RSD	.3703255	.0829340	.7387356	38.20145	55.46967	1.590541	.7815093

#1	4.511172	16.84626	.1982088	-.001531	.2885874	.1697944	1.329103
#2	4.515869	16.83280	.2004500	-.001915	.4162727	.1744050	1.346783
#3	4.542246	16.86073	.2009950	-.000838	.1144731	.1747001	1.328352

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.803325	2.934789	.3295376	.0583579	1.778806	7.352123	.0047481
Stddev	.025352	.013091	.0012368	.0005966	.001690	.026907	.0029396
%RSD	.5277959	.4460728	.3753007	1.022219	.0949897	.3659819	61.91170

#1	4.832487	2.919680	.3284084	.0579205	1.778191	7.322976	.0015166
#2	4.790954	2.941948	.3293450	.0581157	1.777509	7.376015	.0054641
#3	4.786534	2.942740	.3308593	.0590374	1.780717	7.357379	.0072636

Sample Name: N4178-13 Acquired: 08/23/2022 15:21:02 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX7Q8D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8433349	.0595506	-.023280
Stddev	.0029699	.0010897	.000454
%RSD	.3521611	1.829938	1.951780

#1	.8433211	.0586671	-.022937
#2	.8403720	.0592165	-.023107
#3	.8463117	.0607683	-.023795

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	999.1469	31374.91	5293.538	919.5810	1382.432
Stddev	3.4983	55.86	25.294	5.5374	2.745
%RSD	.3501289	.1780267	.4778281	.6021657	.1985824

#1	1001.553	31366.82	5321.065	925.4889	1385.316
#2	1000.754	31434.38	5288.231	914.5092	1382.130
#3	995.134	31323.55	5271.319	918.7450	1379.851

Sample Name: N4178-14 Acquired: 08/23/2022 15:25:04 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX7Q8S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1225477	.0968399	1.721628	.1692257	.1823354	61.19013	4.533010
Stddev	.0057877	.0061756	.005441	.0056161	.0009587	.10406	.011036
%RSD	4.722818	6.377070	.3160429	3.318699	.5257847	.1700559	.2434596

#1	.1172002	.1004759	1.727046	.1749405	.1821614	61.24959	4.545347
#2	.1286929	.0897094	1.716164	.1637138	.1833691	61.06998	4.524075
#3	.1217502	.1003343	1.721675	.1690230	.1814756	61.25082	4.529610

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1007901	.1056854	40.55549	.5372846	1.054526	.6864311	157.9844
Stddev	.0001591	.0002439	.05004	.0010883	.001709	.0016192	.2437
%RSD	.1578118	.2308175	.1233917	.2025617	.1620542	.2358909	.1542742

#1	.1006971	.1059049	40.61292	.5384992	1.053528	.6875068	157.7145
#2	.1009737	.1054228	40.53231	.5369565	1.053551	.6845689	158.1885
#3	.1006994	.1057285	40.52124	.5363981	1.056500	.6872177	158.0501

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.275294	12.46882	1.161838	.0891174	.8872771	1.107134	2.725776
Stddev	.007041	.04028	.002106	.0007154	.0710138	.002433	.008560
%RSD	.1334696	.3230092	.1812776	.8028045	8.003568	.2197580	.3140433

#1	5.281643	12.45416	1.160591	.0895676	.9676775	1.106159	2.731113
#2	5.267722	12.43793	1.160653	.0882924	.8331202	1.109903	2.715902
#3	5.276516	12.51438	1.164270	.0894921	.8610335	1.105339	2.730311

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.054100	3.227598	.3222697	.0419923	3.013174	8.173829	.0144711
Stddev	.056138	.013445	.0029699	.0004381	.009013	.006739	.0027509
%RSD	1.110751	.4165726	.9215623	1.043283	.2991302	.0824500	19.00968

#1	5.018129	3.218869	.3188667	.0420413	3.022019	8.168705	.0118111
#2	5.118787	3.220842	.3236040	.0424038	3.004001	8.181463	.0142975
#3	5.025383	3.243081	.3243385	.0415317	3.013503	8.171319	.0173047

Sample Name: N4178-14 Acquired: 08/23/2022 15:25:04 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX7Q8S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9844587	.0511178	.0522975
Stddev	.0155522	.0008982	.0001766
%RSD	1.579767	1.757112	.3376128

#1	.9842854	.0521201	.0522099
#2	1.000097	.0503858	.0525008
#3	.968994	.0508474	.0521819

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	993.5362	31305.11	5327.724	917.8439	1376.286
Stddev	2.1863	13.52	24.273	3.0476	2.599
%RSD	.2200558	.0431857	.4555957	.3320351	.1888143

#1	992.0555	31291.62	5350.420	916.9908	1375.125
#2	996.0473	31318.66	5302.134	921.2271	1379.262
#3	992.5057	31305.05	5330.618	915.3138	1374.469

Sample Name: CCV002 Acquired: 08/23/2022 15:33:02 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.971607	5.016988	25.24495	4.822164	5.010969	396.3516	10.39692
Stddev	.012258	.009628	.01380	.013267	.013296	1.1165	.03493
%RSD	.2465622	.1919031	.0546688	.2751214	.2653304	.2817054	.3359722

#1	4.964762	5.027681	25.24659	4.825527	5.013064	396.8776	10.42185
#2	4.985759	5.014275	25.23039	4.833426	5.023093	397.1079	10.41190
#3	4.964301	5.009008	25.25785	4.807539	4.996750	395.0692	10.35699

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5049399	2.505334	405.2086	15.54028	2.522338	15.30771	401.4863
Stddev	.0003123	.002159	.6048	.04971	.001727	.06991	.1959
%RSD	.0618443	.0861678	.1492452	.3198479	.0684811	.4567254	.0487971

#1	.5046185	2.507671	405.5670	15.53964	2.522626	15.29446	401.3085
#2	.5049592	2.503414	405.5483	15.59030	2.520485	15.38330	401.4542
#3	.5052421	2.504917	404.5103	15.49090	2.523903	15.24536	401.6963

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.01014	397.1782	2.550281	1.295106	396.6376	2.538768	14.86781
Stddev	.01200	.5171	.001302	.005800	.8346	.010581	.09191
%RSD	.0799773	.1301876	.0510393	.4478491	.2104100	.4167600	.6181916

#1	14.99644	397.0913	2.548779	1.301803	397.4919	2.546604	14.76520
#2	15.01882	396.7101	2.551052	1.291795	396.5967	2.542969	14.89562
#3	15.01516	397.7332	2.551014	1.291720	395.8242	2.526733	14.94260

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	157.5249	5.176441	5.459557	4.947026	5.093370	5.058496	5.097894
Stddev	.3918	.013877	.006335	.001481	.014662	.008351	.011797
%RSD	.2487375	.2680740	.1160332	.0299366	.2878658	.1650927	.2314142

#1	157.5400	5.192017	5.455054	4.945346	5.104544	5.056033	5.097312
#2	157.9089	5.165397	5.456816	4.948139	5.098798	5.067802	5.109971
#3	157.1257	5.171909	5.466801	4.947595	5.076768	5.051653	5.086398

Sample Name: CCV002 Acquired: 08/23/2022 15:33:02 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV002 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.106868	5.230678	4.868961
Stddev	.015556	.012708	.017979
%RSD	.3046167	.2429536	.3692491

#1	5.117657	5.238731	4.888084
#2	5.089036	5.237274	4.866395
#3	5.113911	5.216028	4.852403

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	769.1095	27065.58	4643.979	744.2386	1113.262
Stddev	.9296	83.22	5.544	1.1018	.479
%RSD	.1208672	.3074818	.1193859	.1480433	.0430404

#1	769.5255	26969.49	4642.142	745.3768	1113.708
#2	768.0446	27112.60	4650.209	744.1617	1112.755
#3	769.7585	27114.64	4639.587	743.1773	1113.323

Sample Name: CCB002 Acquired: 08/23/2022 15:36:59 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006781	.0014136	-.000166	-.002101	.0019682	.0135973	-.000377
Stddev	.0035331	.0019504	.001571	.003604	.0009656	.0066449	.000452
%RSD	520.9876	137.9789	944.8710	171.5477	49.06366	48.86880	119.8333

#1	-.003087	-.000816	-.001795	-.005238	.0011617	.0061108	-.000539
#2	.003921	.002802	.001341	-.002901	.0017046	.0158853	-.000725
#3	.001201	.002255	-.000045	.001836	.0030382	.0187959	.000133

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000038	.0001500	.0212224	.0005496	.0002601	-.001836	.0092201
Stddev	.000063	.0000483	.0214653	.0008020	.0006090	.002104	.0152310
%RSD	167.6866	32.15731	101.1444	145.9357	234.1661	114.6105	165.1921

#1	-.000071	.0001547	.0303184	-.000330	-.000201	-.002480	.0193308
#2	-.000077	.0001958	-.003293	.000738	.000950	-.003542	-.008298
#3	.000035	.0000996	.036642	.001241	.000031	.000515	.016627

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013181	.0079403	.0002579	-.000020	-.338861	-.003678	.0014561
Stddev	.0009909	.0107736	.0003861	.000698	.331256	.001058	.0036541
%RSD	75.17645	135.6818	149.7545	3416.344	97.75570	28.77035	250.9478

#1	.0021986	-.004211	.0002325	.000237	-.385336	-.002558	-.002752
#2	.0015106	.011706	-.000115	.000512	-.644425	-.004661	.003288
#3	.0002451	.016325	.000656	-.000810	.013178	-.003814	.003832

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0229623	-.002051	.0059907	.0005627	-.000564	-.002992	-.001477
Stddev	.0162131	.005187	.0007351	.0004568	.001569	.000502	.004644
%RSD	70.60740	252.8679	12.26977	81.17912	278.3879	16.79105	314.4865

#1	.0332814	-.003166	.0065207	.0010835	-.001166	-.002676	.002963
#2	.0313305	.003603	.0062999	.0003751	.001217	-.003571	-.001092
#3	.0042749	-.006591	.0051516	.0002296	-.001742	-.002727	-.006301

Sample Name: CCB002 Acquired: 08/23/2022 15:36:59 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB002 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001145	.0026050	.0001933
Stddev	.000054	.0009295	.0000063
%RSD	4.744022	35.68227	3.236849

#1	-.001201	.0022301	.0001944
#2	-.001142	.0036635	.0001989
#3	-.001093	.0019215	.0001866

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	931.5901	28834.78	4866.523	857.6369	1373.324
Stddev	.5625	35.89	11.530	3.3214	.581
%RSD	.0603836	.1244670	.2369253	.3872739	.0423288

#1	931.0424	28875.72	4854.980	858.0373	1372.913
#2	931.5615	28808.76	4866.550	854.1334	1373.989
#3	932.1664	28819.85	4878.040	860.7399	1373.070

Sample Name: N4180-03 Acquired: 08/23/2022 15:41:08 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX7P8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0343508	.0087580	.1251303	.0015900	.0024332	9.040540
Stddev	.0085964	.0069153	.0053530	.0064220	.0036351	.041671
%RSD	25.02524	78.96066	4.277953	403.9005	149.3984	.4609349

#1	.0260698	.0039579	.1211671	.0069907	.0066031	9.003104
#2	.0432311	.0166844	.1312198	-.005511	.0007639	9.033078
#3	.0337515	.0056316	.1230041	.003290	-.000068	9.085438

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0825450	.0016269	.0022480	F 1743.496	.0209617	.0120981
Stddev	.0000703	.0001209	.0001412	12.113	.0004693	.0006838
%RSD	.0852116	7.427868	6.279256	.6947615	2.238773	5.651927

#1	.0826078	.0014875	.0021524	1737.549	.0209612	.0124452
#2	.0824690	.0017011	.0024102	1735.506	.0214312	.0125387
#3	.0825582	.0016921	.0021816	1757.433	.0204927	.0113104

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0400694	27.79760	2.108863	F 1022.112	.0344703	-.000727
Stddev	.0012871	.02103	.004817	1.195	.0006339	.000033
%RSD	3.212258	.0756663	.2284292	.1169229	1.839127	4.591603

#1	.0398232	27.82061	2.106530	1021.256	.0337383	-.000720
#2	.0389231	27.77937	2.114402	1021.603	.0348337	-.000763
#3	.0414618	27.79283	2.105656	1023.478	.0348389	-.000698

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.053450	.0266172	.2005659	1.019484	.6211239	.1280842
Stddev	.134563	.0039016	.0010359	.016474	.0013638	.0018643
%RSD	12.77357	14.65804	.5164918	1.615917	.2195704	1.455542

#1	.992478	.0286476	.2015440	1.003061	.6209767	.1263532
#2	1.207707	.0290849	.1994806	1.036008	.6225554	.1278412
#3	.960167	.0221192	.2006731	1.019383	.6198397	.1300581

Sample Name: N4180-03 Acquired: 08/23/2022 15:41:08 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX7P8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0051067	2.230164	3.958362	.0522566	.1884835	.0313319
Stddev	.0003920	.006904	.019393	.0014136	.0022399	.0012209
%RSD	7.676343	.3095726	.4899347	2.705049	1.188391	3.896834

#1	.0046590	2.231400	3.943935	.0515027	.1906209	.0299651
#2	.0053882	2.222725	3.950743	.0538873	.1861535	.0317161
#3	.0052728	2.236365	3.980408	.0513798	.1886761	.0323146

Elem	Sr4077
Units	ppm
Avg	.4570626
Stddev	.0008476
%RSD	.1854512

#1	.4578569
#2	.4561702
#3	.4571607

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	834.7454	28285.40	4882.667	797.1737	1040.922
Stddev	2.0999	80.73	8.473	5.6182	1.983
%RSD	.2515650	.2854169	.1735326	.7047636	.1905371

#1	833.1996	28237.07	4892.444	791.8410	1042.004
#2	833.9004	28240.53	4878.083	803.0394	1038.633
#3	837.1362	28378.60	4877.474	796.6407	1042.129

Sample Name: N4180-04 Acquired: 08/23/2022 15:45:21 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX7P9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0426389	.0007387	1.221233	-.001669	.0056898	28.36414	.3202757
Stddev	.0023574	.0042518	.004784	.002236	.0006344	.04491	.0002943
%RSD	5.528737	575.5609	.3917015	134.0026	11.14998	.1583278	.0918859

#1	.0403536	.0055209	1.217586	-.004124	.0062717	28.31419	.3199371
#2	.0425007	-.000690	1.219464	.000253	.0050135	28.37707	.3204211
#3	.0450623	-.002615	1.226649	-.001136	.0057844	28.40117	.3204691

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0027717	.0046358	27.70137	.0718905	.0279082	.3509552	81.83115
Stddev	.0000624	.0000899	.04261	.0003491	.0004995	.0012370	.17518
%RSD	2.250289	1.938423	.1538176	.4855997	1.789978	.3524545	.2140689

#1	.0027025	.0046546	27.65230	.0716428	.0282909	.3522466	81.71746
#2	.0028236	.0045380	27.72276	.0722898	.0273431	.3508378	82.03289
#3	.0027889	.0047148	27.72904	.0717390	.0280906	.3497811	81.74312

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4139494	8.089409	.1101339	-.000527	1.380630	.0774659	1.447691
Stddev	.0014232	.071636	.0003254	.000370	.147514	.0019138	.019512
%RSD	.3438147	.8855579	.2954903	70.18203	10.68453	2.470531	1.347827

#1	.4132997	8.133443	.1102810	-.000194	1.281596	.0754346	1.428595
#2	.4155815	8.128033	.1103597	-.000925	1.310128	.0777281	1.467595
#3	.4129670	8.006749	.1097608	-.000461	1.550166	.0792352	1.446882

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.988960	2.336723	.1561690	.0323169	18.64155	4.990050	.1799493
Stddev	.048061	.004842	.0010458	.0003530	.03605	.035289	.0010243
%RSD	2.416365	.2072292	.6696374	1.092178	.1933632	.7071841	.5691893

#1	2.016773	2.331960	.1552641	.0325681	18.60017	4.977599	.1790637
#2	1.933464	2.336566	.1559289	.0319133	18.65839	5.029877	.1797132
#3	2.016641	2.341641	.1573139	.0324693	18.66610	4.962675	.1810710

Sample Name: N4180-04 Acquired: 08/23/2022 15:45:21 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EX7P9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5486779	.0219182	-.013222
Stddev	.0021755	.0006339	.000170
%RSD	.3965010	2.891876	1.281974

#1	.5503588	.0211953	-.013027
#2	.5494543	.0221807	-.013323
#3	.5462208	.0223786	-.013317

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	989.7481	30944.36	5244.173	911.7879	1397.500
Stddev	1.5090	106.32	5.887	2.8410	1.044
%RSD	.1524660	.3435764	.1122485	.3115871	.0747156

#1	990.9984	30887.27	5240.144	914.5921	1398.488
#2	988.0719	30878.77	5241.447	908.9114	1397.606
#3	990.1741	31067.02	5250.929	911.8603	1396.408

Sample Name: N4180-05 Acquired: 08/23/2022 15:49:24 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX7Q0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0124736	-.001411	.0182489	-.003241	.0012402	5.642367	.0845073
Stddev	.0035789	.001822	.0010634	.001209	.0012650	.020182	.0003984
%RSD	28.69146	129.1616	5.826954	37.29926	101.9999	.3576947	.4714060

#1	.0087396	.000619	.0174147	-.002673	.0002323	5.665397	.0847635
#2	.0158739	-.002904	.0194463	-.002420	.0008285	5.627762	.0840483
#3	.0128072	-.001947	.0178858	-.004629	.0026597	5.633942	.0847101

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015747	.0003972	45.21557	.0103390	.0039098	.0149287	17.72885
Stddev	.0000231	.0001426	.04366	.0008354	.0003042	.0044956	.06124
%RSD	1.467879	35.90961	.0965545	8.079942	7.781095	30.11388	.3453986

#1	.0015545	.0005194	45.22602	.0093975	.0036449	.0133723	17.76438
#2	.0015999	.0002405	45.16763	.0106279	.0042420	.0199957	17.76403
#3	.0015695	.0004318	45.25305	.0109915	.0038424	.0114181	17.65814

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2990421	12.98187	.0163160	-.000062	.6639510	.0118408	.1208820
Stddev	.0023401	.08541	.0004822	.000315	.1250576	.0040859	.0101915
%RSD	.7825183	.6579156	2.955529	509.9516	18.83536	34.50678	8.430963

#1	.2971825	12.93784	.0166243	.000200	.5251666	.0165096	.1252550
#2	.3016696	13.08031	.0165633	.000026	.6987953	.0100943	.1092338
#3	.2982741	12.92745	.0157603	-.000411	.7678912	.0089184	.1281573

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3261039	.8524413	.0379176	.0054881	5.206707	1.980593	-.002303
Stddev	.0189929	.0028577	.0008010	.0004792	.015850	.003824	.001561
%RSD	5.824181	.3352341	2.112564	8.731546	.3044193	.1930968	67.78905

#1	.3106865	.8539316	.0382753	.0056707	5.193916	1.984222	-.000514
#2	.3473203	.8542457	.0384775	.0058492	5.201764	1.976599	-.003005
#3	.3203050	.8491465	.0370001	.0049445	5.224439	1.980959	-.003391

Sample Name: N4180-05 Acquired: 08/23/2022 15:49:24 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX7Q0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1685560	.0019593	.0334809
Stddev	.0036152	.0011029	.0001539
%RSD	2.144802	56.28838	.4597378

#1	.1652208	.0007574	.0334912
#2	.1723978	.0029247	.0336294
#3	.1680494	.0021959	.0333221

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	951.2686	29813.51	5060.323	879.5885	1393.334
Stddev	1.6346	7.15	8.081	1.6305	.489
%RSD	.1718376	.0239801	.1596903	.1853690	.0351225

#1	949.9968	29808.29	5068.241	881.1414	1393.854
#2	953.1124	29810.57	5052.088	879.7339	1393.264
#3	950.6967	29821.66	5060.640	877.8902	1392.883

Sample Name: N4180-06 Acquired: 08/23/2022 15:53:30 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX7Q1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0106128	.0022609	.0283521	-.006057	.0012450	4.375056	.0436591
Stddev	.0019291	.0033602	.0043309	.004794	.0020247	.001648	.0006199
%RSD	18.17711	148.6218	15.27541	79.14478	162.6262	.0376755	1.419919

#1	.0095497	.0005409	.0263268	-.008768	.0034914	4.376959	.0435782
#2	.0128396	.0061328	.0333246	-.000522	.0006831	4.374078	.0443154
#3	.0094492	.0001089	.0254049	-.008880	-.000439	4.374132	.0430835

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006427	.0005512	224.4970	.0136875	.0042914	.0197946	16.65087
Stddev	.0000790	.0000978	.1393	.0008288	.0005542	.0003376	.07582
%RSD	12.29521	17.74473	.0620470	6.055336	12.91320	1.705704	.4553571

#1	.0007316	.0006629	224.6006	.0137186	.0038753	.0196911	16.56454
#2	.0005804	.0005096	224.5519	.0128435	.0040783	.0201719	16.68139
#3	.0006162	.0004811	224.3387	.0145002	.0049204	.0195208	16.70667

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2173535	124.5271	.0208629	-.000014	.2899372	.0136670	.1474558
Stddev	.0016669	.2464	.0010162	.000187	.0634395	.0045966	.0012233
%RSD	.7669046	.1979020	4.871066	1374.506	21.88042	33.63253	.8295842

#1	.2154318	124.2665	.0209773	-.000225	.3445353	.0149237	.1476076
#2	.2182189	124.5586	.0197942	.000132	.3049330	.0175045	.1461637
#3	.2184096	124.7564	.0218170	.000052	.2203433	.0085728	.1485961

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3518362	.3952328	.0375095	.0047259	2.783517	1.141074	-.001026
Stddev	.0156578	.0064129	.0014756	.0002092	.003492	.008678	.001226
%RSD	4.450296	1.622576	3.933983	4.426364	.1254624	.7604907	119.4628

#1	.3354826	.3898523	.0358978	.0045977	2.779511	1.140905	-.001508
#2	.3533359	.3935169	.0378366	.0049673	2.785921	1.132482	-.001938
#3	.3666902	.4023292	.0387941	.0046128	2.785120	1.149835	.000368

Sample Name: N4180-06 Acquired: 08/23/2022 15:53:30 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX7Q1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1593834	.0036190	.0540408
Stddev	.0007391	.0003733	.0000292
%RSD	.4637176	10.31488	.0540041

#1	.1591193	.0033573	.0540720
#2	.1588126	.0040465	.0540142
#3	.1602182	.0034532	.0540362

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	911.5953	29293.98	4957.633	856.6128	1303.096
Stddev	1.8277	183.95	4.553	7.6827	2.690
%RSD	.2004915	.6279596	.0918460	.8968668	.2064061

#1	912.2404	29421.05	4952.440	856.0614	1301.880
#2	913.0130	29083.03	4959.515	849.2206	1306.179
#3	909.5326	29377.85	4960.943	864.5563	1301.230

Sample Name: N4180-07 Acquired: 08/23/2022 15:57:34 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX7Q2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0252794	-.001852	.0608203	-.002676	.0037441	7.851308	.0464800
Stddev	.0065114	.006019	.0025155	.003863	.0020593	.005725	.0005546
%RSD	25.75777	325.0425	4.136006	144.3893	54.99997	.0729242	1.193291

#1	.0278377	-.004639	.0598646	.001592	.0046157	7.854803	.0471119
#2	.0301232	-.005971	.0589227	-.005935	.0013924	7.854420	.0462546
#3	.0178774	.005055	.0636736	-.003684	.0052243	7.844700	.0460736

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009960	.0004770	35.79874	.0483922	.0147293	.0708833	62.86767
Stddev	.0000315	.0000694	.10264	.0004912	.0003475	.0037633	.08749
%RSD	3.165092	14.54291	.2867161	1.015031	2.359350	5.309110	.1391640

#1	.0009649	.0005300	35.91711	.0478528	.0143766	.0691003	62.77909
#2	.0009952	.0005026	35.73432	.0485099	.0147398	.0683429	62.86990
#3	.0010280	.0003985	35.74481	.0488138	.0150714	.0752067	62.95402

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4127100	20.93024	.0528266	-.000848	.1095862	.0285368	.2408883
Stddev	.0006606	.09646	.0005265	.000441	.0662535	.0015592	.0066033
%RSD	.1600607	.4608530	.9965818	52.00864	60.45791	5.463908	2.741211

#1	.4123957	21.02352	.0524725	-.000371	.1014543	.0272044	.2381140
#2	.4134690	20.83089	.0534315	-.000933	.0477740	.0281544	.2361248
#3	.4122652	20.93630	.0525756	-.001241	.1795304	.0302517	.2484261

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7231408	.5883504	.1016485	.0063932	1.109535	1.602993	.0087586
Stddev	.0730473	.0025841	.0002300	.0002605	.010612	.009868	.0015399
%RSD	10.10139	.4392170	.2262543	4.074369	.9564454	.6155849	17.58128

#1	.7955263	.5896397	.1014073	.0062308	1.111260	1.599075	.0093623
#2	.6494493	.5853753	.1016726	.0066937	1.098166	1.595685	.0070084
#3	.7244468	.5900361	.1018654	.0062552	1.119179	1.614218	.0099053

Sample Name: N4180-07 Acquired: 08/23/2022 15:57:34 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EX7Q2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4820811	.0072904	-.042505
Stddev	.0041966	.0005586	.000165
%RSD	.8705133	7.662420	.3883106

#1	.4772485	.0067775	-.042506
#2	.4848071	.0072082	-.042340
#3	.4841876	.0078856	-.042670

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	950.5278	29607.94	5025.795	875.9171	1380.779
Stddev	3.1519	57.76	14.109	3.8486	5.510
%RSD	.3315993	.1950801	.2807305	.4393765	.3990516

#1	949.7700	29641.64	5025.610	872.9570	1378.657
#2	953.9896	29640.92	5039.996	874.5266	1387.035
#3	947.8238	29541.24	5011.780	880.2676	1376.646

Sample Name: N4180-08 Acquired: 08/23/2022 16:01:40 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX7Q3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0097134	.0011948	.1198890	.0036828	.0001495	6.662063	.0459999
Stddev	.0057190	.0036372	.0023340	.0007154	.0013182	.036518	.0007531
%RSD	58.87769	304.4292	1.946795	19.42679	881.5316	.5481470	1.637073

#1	.0124329	.0036499	.1172019	.0034607	.0014945	6.682621	.0467179
#2	.0031421	-.002984	.1210538	.0031048	-.001140	6.619900	.0452161
#3	.0135651	.002918	.1214114	.0044830	.000094	6.683667	.0460657

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006363	.0002209	3.059741	.0264927	.0100069	.0224967	26.81972
Stddev	.0001583	.0000739	.007915	.0005936	.0002457	.0014845	.07804
%RSD	24.87295	33.48101	.2586662	2.240602	2.455827	6.598628	.2909930

#1	.0004554	.0001736	3.052792	.0268426	.0102840	.0207826	26.75228
#2	.0007048	.0003061	3.058075	.0258074	.0099211	.0233536	26.80169
#3	.0007489	.0001829	3.068355	.0268282	.0098155	.0233540	26.90521

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3359986	3.363897	.0282947	-.000407	.2274573	.0357266	.2108436
Stddev	.0003043	.061122	.0003371	.000131	.1066073	.0028328	.0087203
%RSD	.0905614	1.817014	1.191522	32.18370	46.86912	7.929069	4.135885

#1	.3362679	3.334857	.0282229	-.000556	.2737817	.0332153	.2198831
#2	.3356685	3.322708	.0279992	-.000307	.1055245	.0387974	.2024822
#3	.3360592	3.434126	.0286619	-.000359	.3030658	.0351671	.2101655

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7093106	.4462397	.0413171	.0034523	.6266319	1.658007	.0002465
Stddev	.0331316	.0053563	.0003100	.0000700	.0011667	.013207	.0014993
%RSD	4.670959	1.200326	.7502684	2.026794	.1861804	.7965555	608.1836

#1	.6896953	.4403712	.0415835	.0034947	.6275555	1.642765	-.000758
#2	.6906731	.4474825	.0413908	.0033715	.6253208	1.666063	.001970
#3	.7475635	.4508654	.0409768	.0034906	.6270195	1.665193	-.000472

Sample Name: N4180-08 Acquired: 08/23/2022 16:01:40 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EX7Q3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5748480	.0052493	-.018374
Stddev	.0017339	.0010593	.000128
%RSD	.3016242	20.17905	.6992288

#1	.5765716	.0062605	-.018252
#2	.5748683	.0041478	-.018363
#3	.5731040	.0053396	-.018508

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	962.6045	29871.76	5031.927	886.2408	1396.090
Stddev	.9139	31.48	14.142	5.1293	.651
%RSD	.0949358	.1053846	.2810511	.5787753	.0466049

#1	961.6567	29892.68	5026.740	881.0166	1396.738
#2	963.4801	29835.56	5047.930	891.2697	1395.437
#3	962.6767	29887.06	5021.110	886.4361	1396.094

Sample Name: N4180-09 Acquired: 08/23/2022 16:05:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX7Q4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0439356	.0029276	.1190448	.0005148	.0051035	13.61542	.1025150
Stddev	.0033784	.0041038	.0024822	.0034354	.0009514	.03706	.0003276
%RSD	7.689417	140.1745	2.085126	667.3500	18.64225	.2722224	.3195323

#1	.0465545	-.001803	.1208548	.0031306	.0059962	13.63646	.1026551
#2	.0401222	.005050	.1162151	.0017896	.0041026	13.57263	.1027493
#3	.0451300	.005535	.1200646	-.003376	.0052118	13.63718	.1021407

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015677	.0013980	68.74690	.0354950	.0375979	.1154227	71.82333
Stddev	.0001541	.0001144	.14601	.0007365	.0001336	.0035724	.27829
%RSD	9.830729	8.179681	.2123915	2.074792	.3553116	3.095038	.3874579

#1	.0015489	.0012749	68.81151	.0352470	.0374545	.1147268	71.88101
#2	.0014238	.0015009	68.57973	.0349146	.0376206	.1122496	71.52072
#3	.0017303	.0014183	68.84946	.0363235	.0377188	.1192919	72.06825

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6116960	36.88189	.0858928	-.000455	.1764508	.0500691	.8302667
Stddev	.0014345	.18087	.0003819	.000340	.0812798	.0031477	.0156710
%RSD	.2345128	.4904130	.4445971	74.77789	46.06370	6.286617	1.887465

#1	.6129386	36.94000	.0858416	-.000667	.0873005	.0466196	.8483361
#2	.6101261	36.67910	.0855392	-.000063	.1956181	.0527856	.8203930
#3	.6120234	37.02657	.0862977	-.000635	.2464340	.0508022	.8220711

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.576364	1.977271	.1207862	.0251944	3.767751	2.459318	-.001765
Stddev	.032319	.003532	.0013970	.0006817	.003142	.009864	.001710
%RSD	2.050197	.1786093	1.156609	2.705785	.0833860	.4011035	96.88562

#1	1.545843	1.974484	.1220583	.0244936	3.764428	2.459690	-.003240
#2	1.610222	1.981243	.1210092	.0258553	3.770673	2.468990	-.002163
#3	1.573028	1.976088	.1192911	.0252343	3.768151	2.449272	.000109

Sample Name: N4180-09 Acquired: 08/23/2022 16:05:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX7Q4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4261309	.0165431	-.034240
Stddev	.0038014	.0003573	.000326
%RSD	.8920641	2.160134	.9533288

#1	.4218660	.0169230	-.034300
#2	.4291623	.0162136	-.033888
#3	.4273644	.0164928	-.034533

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	954.0308	29943.23	5076.318	883.3426	1365.112
Stddev	1.2112	115.16	5.081	9.1690	2.423
%RSD	.1269516	.3846104	.1000951	1.037992	.1774967

#1	955.1696	29812.15	5073.571	872.9582	1367.562
#2	954.1644	30028.17	5073.202	886.7477	1365.057
#3	952.7584	29989.38	5082.181	890.3219	1362.717

Sample Name: N4180-10 Acquired: 08/23/2022 16:09:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX7Q5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0339609	-.003954	.0644935	-.001350	.0024854	7.851709	.0418868
Stddev	.0032387	.000670	.0019942	.003133	.0023334	.028083	.0004679
%RSD	9.536391	16.94553	3.092044	232.0656	93.88290	.3576610	1.117002

#1	.0325979	-.003278	.0624415	.001395	.0039201	7.841679	.0420576
#2	.0376583	-.003965	.0646146	-.004763	.0037432	7.883429	.0422453
#3	.0316266	-.004618	.0664243	-.000682	-.000207	7.830018	.0413576

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010866	.0002764	30.60770	.0186235	.0159982	.0341772	66.78391
Stddev	.0000400	.0000631	.02714	.0002720	.0002796	.0014975	.04231
%RSD	3.685457	22.83614	.0886670	1.460566	1.747716	4.381540	.0633492

#1	.0010596	.0002948	30.63829	.0187401	.0160668	.0324531	66.77763
#2	.0010675	.0002062	30.59826	.0188177	.0156907	.0349247	66.82901
#3	.0011326	.0003283	30.58653	.0183126	.0162372	.0351537	66.74510

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.118738	17.98280	.0433528	-.000508	-.019463	.0413113	.3504522
Stddev	.005457	.12124	.0008683	.000136	.117049	.0056755	.0019583
%RSD	.4878105	.6741775	2.002768	26.74155	601.3946	13.73838	.5587986

#1	1.116542	17.86310	.0440139	-.000609	-.075262	.0385128	.3490888
#2	1.124952	18.10552	.0436751	-.000353	-.098172	.0478425	.3495715
#3	1.114721	17.97979	.0423695	-.000560	.115045	.0375785	.3526962

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6909118	.9911204	.1052586	.0129527	.5523482	.7314496	-.000292
Stddev	.0886469	.0067512	.0015898	.0004962	.0052885	.0040384	.000923
%RSD	12.83043	.6811679	1.510386	3.830569	.9574557	.5521155	315.6327

#1	.7687962	.9845013	.1061015	.0132786	.5462534	.7295594	-.000773
#2	.7094918	.9908634	.1062495	.0131978	.5557236	.7360865	.000772
#3	.5944475	.9979963	.1034249	.0123817	.5550677	.7287030	-.000876

Sample Name: N4180-10 Acquired: 08/23/2022 16:09:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX7Q5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3926523	.0071606	-.046634
Stddev	.0006286	.0007018	.000049
%RSD	.1600981	9.801139	.1049151

#1	.3919316	.0079222	-.046686
#2	.3930878	.0065400	-.046589
#3	.3929375	.0070196	-.046627

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	956.4815	29689.53	5040.807	881.4224	1383.716
Stddev	1.0273	106.73	6.131	3.4095	2.680
%RSD	.1074004	.3595009	.1216336	.3868184	.1936884

#1	956.5263	29650.88	5037.810	877.5184	1380.895
#2	957.4856	29607.51	5047.860	882.9341	1384.024
#3	955.4325	29810.21	5036.750	883.8147	1386.228

Sample Name: N4180-11 Acquired: 08/23/2022 16:13:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX7Q6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0282587	.0065313	.1992747	-.000441	.0038714	19.73143	.1202057
Stddev	.0060683	.0051366	.0060514	.006640	.0014296	.01226	.0003816
%RSD	21.47419	78.64621	3.036735	1504.080	36.92750	.0621557	.3174276

#1	.0303948	.0119245	.1936891	-.006706	.0054381	19.72127	.1197671
#2	.0214112	.0059725	.1984316	-.001137	.0035383	19.74506	.1203885
#3	.0329702	.0016969	.2057035	.006519	.0026377	19.72797	.1204615

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029574	.0012834	532.9107	.0416761	.0200880	.0697491	52.45924
Stddev	.0001361	.0001038	.4899	.0004628	.0003383	.0030250	.08229
%RSD	4.601866	8.090594	.0919217	1.110484	1.684003	4.336971	.1568642

#1	.0030465	.0013724	532.7876	.0413357	.0201445	.0705378	52.40719
#2	.0028008	.0013085	532.4941	.0414895	.0203945	.0723016	52.41643
#3	.0030250	.0011693	533.4504	.0422031	.0197250	.0664079	52.55411

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.431639	254.5207	.0629104	-.000601	.7610462	.0515612	.3743618
Stddev	.003982	.8336	.0009005	.000249	.2368147	.0043766	.0090118
%RSD	.2781640	.3275284	1.431389	41.48353	31.11699	8.488215	2.407241

#1	1.427207	254.8081	.0632740	-.000846	1.020179	.0565821	.3642029
#2	1.434917	253.5813	.0635722	-.000348	.555858	.0485528	.3774892
#3	1.432792	255.1726	.0618850	-.000609	.707102	.0495487	.3813933

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.785029	2.224103	.1071542	.0040598	5.856554	6.184821	.0091878
Stddev	.043268	.005987	.0017505	.0005454	.043955	.024352	.0015406
%RSD	2.423957	.2691895	1.633633	13.43441	.7505206	.3937336	16.76797

#1	1.749422	2.227315	.1063046	.0046844	5.806874	6.200003	.0091754
#2	1.833185	2.227799	.1059907	.0036782	5.872397	6.156733	.0076534
#3	1.772481	2.217195	.1091674	.0038167	5.890390	6.197726	.0107345

Sample Name: N4180-11 Acquired: 08/23/2022 16:13:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX7Q6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3979940	.0285794	.1795808
Stddev	.0019921	.0011945	.0004017
%RSD	.5005252	4.179683	.2237037

#1	.3962676	.0299101	.1799691
#2	.4001736	.0282283	.1791668
#3	.3975407	.0275997	.1796065

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	920.5659	29886.82	5100.813	857.5503	1214.870
Stddev	2.1899	106.47	20.502	2.7351	2.595
%RSD	.2378811	.3562350	.4019318	.3189406	.2135815

#1	921.1834	29988.60	5087.487	858.3367	1217.158
#2	918.1336	29776.22	5124.421	859.8061	1212.051
#3	922.3807	29895.64	5090.531	854.5082	1215.400

Sample Name: N4180-12 Acquired: 08/23/2022 16:18:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX7Q6D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0226272	.0004337	.1977149	.0002940	.0026867	19.57559	.1212911
Stddev	.0050946	.0020024	.0013019	.0049173	.0041285	.12024	.0005509
%RSD	22.51531	461.7132	.6584629	1672.466	153.6657	.6142458	.4542144

#1	.0254401	.0027048	.1966444	-.005296	.0026858	19.50809	.1206578
#2	.0167463	-.000326	.1991642	.002225	-.001441	19.71442	.1216599
#3	.0256952	-.001078	.1973361	.003952	.006816	19.50427	.1215557

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029903	.0013537	559.1153	.0426573	.0201475	.0659459	52.74979
Stddev	.0000688	.0002214	2.0042	.0005898	.0002650	.0018478	.29065
%RSD	2.300645	16.35349	.3584677	1.382748	1.315195	2.802006	.5509972

#1	.0030100	.0010981	557.8773	.0429195	.0203945	.0680703	52.63731
#2	.0030472	.0014861	561.4276	.0430705	.0198676	.0650556	53.07987
#3	.0029138	.0014769	558.0409	.0419818	.0201804	.0647118	52.53220

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.475456	266.9518	.0619340	-.000243	.8807542	.0524227	.3636269
Stddev	.004304	1.1710	.0010355	.000626	.0857646	.0013995	.0016024
%RSD	.2917372	.4386515	1.671926	257.7493	9.737634	2.669652	.4406712

#1	1.470923	266.7645	.0627400	-.000754	.8326796	.0527937	.3620025
#2	1.479488	268.2052	.0622958	-.000430	.8298102	.0535993	.3636717
#3	1.475958	265.8858	.0607661	.000455	.9797727	.0508750	.3652064

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.811809	2.181554	.1091724	.0041727	5.886987	6.262286	.0083853
Stddev	.013998	.007609	.0002379	.0006810	.038600	.036439	.0008701
%RSD	.7726068	.3487934	.2179365	16.31907	.6556892	.5818801	10.37691

#1	1.820251	2.172796	.1090608	.0047490	5.884087	6.264012	.0090936
#2	1.819525	2.186548	.1090107	.0043479	5.926955	6.297832	.0086485
#3	1.795651	2.185317	.1094456	.0034213	5.849918	6.225015	.0074140

Sample Name: N4180-12 Acquired: 08/23/2022 16:18:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX7Q6D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3967249	.0281042	.1875461
Stddev	.0006774	.0007240	.0002132
%RSD	.1707487	2.576310	.1136960

#1	.3962633	.0281361	.1877845
#2	.3975026	.0288118	.1873736
#3	.3964089	.0273647	.1874802

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	917.0021	29738.92	5105.597	854.1751	1206.880
Stddev	1.4987	57.57	14.823	5.8663	1.353
%RSD	.1634386	.1935937	.2903205	.6867778	.1120769

#1	918.2041	29769.92	5114.471	852.4545	1207.783
#2	917.4792	29774.34	5088.485	860.7093	1205.324
#3	915.3229	29672.49	5113.834	849.3615	1207.532

Sample Name: N4180-13 Acquired: 08/23/2022 16:22:04 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX7Q6S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1038685	.1054085	.3702497	.1679485	.1868549	29.72674	4.107659
Stddev	.0046027	.0056714	.0012252	.0048143	.0014376	.10319	.002464
%RSD	4.431277	5.380445	.3309214	2.866512	.7693859	.3471305	.0599830

#1	.1064679	.0994342	.3715236	.1641903	.1879654	29.60934	4.104936
#2	.0985542	.1060727	.3701458	.1733750	.1852311	29.76777	4.109734
#3	.1065835	.1107186	.3690797	.1662800	.1873682	29.80310	4.108307

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1003338	.0993627	634.7963	.4432591	1.021150	.5461407	49.44003
Stddev	.0007417	.0002133	.7745	.0008758	.000735	.0043141	.11865
%RSD	.7392287	.2146760	.1220096	.1975727	.0719352	.7899175	.2399785

#1	.1004023	.0992216	634.4016	.4440396	1.021518	.5411685	49.30911
#2	.0995602	.0992584	634.2986	.4423120	1.020304	.5483653	49.54046
#3	.1010388	.0996081	635.6887	.4434256	1.021627	.5488885	49.47051

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.067590	326.3715	1.077929	.0963639	.8220565	1.033686	1.175920
Stddev	.006102	.6031	.001541	.0004122	.3506088	.007571	.006056
%RSD	.1989095	.1847843	.1429942	.4277120	42.65020	.7324392	.5149673

#1	3.061578	325.7193	1.079442	.0959705	.8988296	1.030854	1.171721
#2	3.067414	326.4864	1.076361	.0967926	1.127917	1.027939	1.173177
#3	3.073778	326.9090	1.077984	.0963286	.439423	1.042265	1.182861

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.852243	2.125651	.1165820	.0033529	6.539887	11.43455	.0157510
Stddev	.035346	.004498	.0017881	.0002321	.038543	.08672	.0011365
%RSD	1.908282	.2115930	1.533741	6.921189	.5893481	.7583855	7.215438

#1	1.892933	2.130065	.1155517	.0031065	6.569178	11.41840	.0157871
#2	1.834654	2.121074	.1186467	.0033848	6.496223	11.35704	.0145968
#3	1.829143	2.125813	.1155478	.0035673	6.554260	11.52820	.0168690

Sample Name: N4180-13 Acquired: 08/23/2022 16:22:04 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX7Q6S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.113699	.0347408	.2297278
Stddev	.007328	.0012403	.0005465
%RSD	.6579938	3.570088	.2378818

#1	1.121906	.0334199	.2299917
#2	1.111377	.0358806	.2300921
#3	1.107813	.0349220	.2290994

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	885.6212	29044.88	4954.155	835.4131	1182.237
Stddev	.8886	92.14	18.699	7.6398	2.880
%RSD	.1003323	.3172403	.3774312	.9144882	.2435918

#1	886.1225	29101.23	4968.453	842.5713	1182.166
#2	886.1459	28938.55	4961.016	827.3691	1185.152
#3	884.5953	29094.87	4932.995	836.2988	1179.393

Sample Name: N4180-11LX5 Acquired: 08/23/2022 16:26:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX7Q6L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0120252	-.000645	.0374797	-.001976	.0013630	3.952571	.0233138
Stddev	.0007939	.004733	.0023887	.003029	.0017074	.013212	.0002731
%RSD	6.602081	734.0408	6.373452	153.2762	125.2641	.3342717	1.171270

#1	.0113298	.001023	.0348484	-.002886	.0001558	3.955815	.0236280
#2	.0118555	.003029	.0395119	.001404	.0006168	3.963859	.0231341
#3	.0128902	-.005986	.0380788	-.004445	.0033165	3.938039	.0231792

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006343	.0001995	111.2092	.0098046	.0017220	.0114232	11.09914
Stddev	.0000273	.0001039	.0621	.0003452	.0004556	.0015542	.03448
%RSD	4.305956	52.09393	.0558621	3.520618	26.45570	13.60541	.3106260

#1	.0006496	.0001003	111.1401	.0095112	.0012901	.0121868	11.09059
#2	.0006505	.0001905	111.2270	.0101849	.0016779	.0124478	11.13708
#3	.0006027	.0003076	111.2605	.0097177	.0021980	.0096349	11.06973

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3065061	52.01345	.0119090	.0000158	.1866109	.0099167	.0751768
Stddev	.0007209	.29697	.0003337	.0002864	.2130600	.0006431	.0040512
%RSD	.2351969	.5709493	2.801764	1808.450	114.1734	6.485034	5.388853

#1	.3070397	52.16245	.0122822	.0001132	.1800646	.0097226	.0722947
#2	.3067925	52.20641	.0118051	.0002408	.4028687	.0106345	.0734268
#3	.3056860	51.67148	.0116396	-.000307	-.023100	.0093930	.0798088

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3697699	.4087769	.0172897	-.000004	1.083063	1.281671	.0001929
Stddev	.0303115	.0046759	.0011355	.000130	.002221	.005343	.0007048
%RSD	8.197385	1.143870	6.567623	2924.851	.2050787	.4168868	365.3297

#1	.4047625	.4114004	.0163453	.000141	1.084718	1.287288	-.000591
#2	.3529255	.4033783	.0185496	-.000048	1.083931	1.276653	.000773
#3	.3516217	.4115518	.0169741	-.000107	1.080538	1.281071	.000397

Sample Name: N4180-11LX5 Acquired: 08/23/2022 16:26:01 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EX7Q6L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0837848	.0051453	.0370194
Stddev	.0022024	.0022881	.0002090
%RSD	2.628597	44.46923	.5645363

#1	.0862835	.0074560	.0371861
#2	.0829453	.0028805	.0367849
#3	.0821257	.0050994	.0370873

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	918.9829	29010.38	4874.753	851.0918	1331.364
Stddev	1.8804	9.13	33.776	.8936	.271
%RSD	.2046190	.0314852	.6928663	.1049995	.0203735

#1	916.9003	29019.75	4836.224	851.8574	1331.260
#2	919.4924	29009.91	4888.786	851.3082	1331.672
#3	920.5562	29001.50	4899.251	850.1098	1331.161

Sample Name: N4180-14 Acquired: 08/23/2022 16:30:05 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX7Q7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0363220	-.001812	.2304230	-.002186	.0025390	33.90389	.2510503
Stddev	.0044460	.003807	.0027350	.004363	.0021743	.04632	.0007885
%RSD	12.24053	210.1145	1.186955	199.6265	85.63605	.1366148	.3140655

#1	.0331557	-.005748	.2305571	-.002165	.0015591	33.95733	.2519398
#2	.0414048	-.001539	.2330886	-.006560	.0010271	33.87542	.2507736
#3	.0344054	.001851	.2276235	.002167	.0050308	33.87890	.2504375

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0041250	.0017069	173.2434	.0581624	.0463156	.1109842	78.99632
Stddev	.0000377	.0000674	.2169	.0011002	.0004424	.0031857	.04676
%RSD	.9143989	3.950207	.1251845	1.891536	.9552415	2.870401	.0591898

#1	.0040815	.0017787	173.2008	.0589627	.0458621	.1086935	78.95024
#2	.0041443	.0016449	173.4785	.0586166	.0467461	.1096370	78.99500
#3	.0041491	.0016970	173.0510	.0569078	.0463387	.1146222	79.04372

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9913059	92.56937	.1080051	-.000880	.7375099	.0886164	.5814357
Stddev	.0046798	.05649	.0003863	.000353	.0103788	.0029668	.0047118
%RSD	.4720874	.0610242	.3576887	40.10699	1.407273	3.347957	.8103776

#1	.9864948	92.63377	.1084489	-.000615	.7280338	.0913964	.5822519
#2	.9958423	92.54613	.1077442	-.000744	.7358940	.0854926	.5763691
#3	.9915806	92.52821	.1078223	-.001280	.7486018	.0889601	.5856862

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.365309	1.296406	.1417493	.0191904	2.624914	8.572221	.0005480
Stddev	.072471	.008956	.0012677	.0002115	.007508	.051442	.0007276
%RSD	3.063909	.6908449	.8943524	1.102155	.2860221	.6001025	132.7739

#1	2.314503	1.298036	.1409975	.0190107	2.616850	8.631608	-.000080
#2	2.448298	1.286746	.1410375	.0194235	2.631701	8.543595	.001345
#3	2.333126	1.304435	.1432130	.0191370	2.626191	8.541460	.000379

Sample Name: N4180-14 Acquired: 08/23/2022 16:30:05 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX7Q7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7821930	.0314124	.0391541
Stddev	.0040817	.0006467	.0001711
%RSD	.5218314	2.058602	.4369848

#1	.7845730	.0318739	.0393067
#2	.7774800	.0306733	.0391866
#3	.7845263	.0316900	.0389691

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	950.8376	30269.59	5126.161	884.5756	1309.424
Stddev	1.9350	124.64	14.329	6.9113	.994
%RSD	.2035005	.4117769	.2795267	.7813161	.0758786

#1	950.9254	30412.49	5115.016	892.2716	1308.626
#2	948.8603	30183.33	5121.142	878.8984	1309.109
#3	952.7272	30212.94	5142.324	882.5569	1310.537

Sample Name: N4180-15 Acquired: 08/23/2022 16:34:08 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX7Q7D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0488799	.0030359	.2271871	-.002793	.0018180	33.55296	.2479736
Stddev	.0063536	.0009925	.0019120	.007671	.0010659	.13433	.0008605
%RSD	12.99833	32.69137	.8416026	274.6595	58.63420	.4003644	.3470304

#1	.0554265	.0039630	.2260775	-.010552	.0030178	33.70782	.2488979
#2	.0427387	.0031557	.2260889	.004787	.0014555	33.48323	.2471955
#3	.0484746	.0019890	.2293948	-.002613	.0009805	33.46783	.2478276

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0040344	.0018551	171.9670	.0588414	.0464241	.1113115	78.65406
Stddev	.0000869	.0000678	.5158	.0005430	.0008236	.0010149	.17142
%RSD	2.153160	3.656704	.2999462	.9227336	1.774194	.9117909	.2179377

#1	.0039673	.0019032	172.4174	.0589714	.0457100	.1123188	78.80610
#2	.0040033	.0018846	171.4043	.0593075	.0462372	.1113267	78.46828
#3	.0041325	.0017775	172.0794	.0582453	.0473252	.1102891	78.68780

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9809406	91.98646	.1082525	-.000554	1.066991	.0857178	.5795488
Stddev	.0062437	.27977	.0004122	.000249	.187906	.0029747	.0082126
%RSD	.6365038	.3041409	.3807823	45.00391	17.61080	3.470380	1.417075

#1	.9842126	92.04006	.1082020	-.000838	1.065634	.0857562	.5700904
#2	.9737409	91.68377	.1078679	-.000372	1.255571	.0886732	.5836853
#3	.9848683	92.23556	.1086876	-.000452	.879767	.0827241	.5848708

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.312905	1.292828	.1410150	.0195508	2.590949	8.461963	.0012602
Stddev	.086911	.008645	.0009735	.0002702	.008265	.050377	.0004623
%RSD	3.757649	.6686527	.6903748	1.381907	.3189957	.5953368	36.68569

#1	2.314943	1.284095	.1421365	.0197542	2.588653	8.435210	.0012785
#2	2.398779	1.293007	.1405197	.0196541	2.584075	8.430606	.0017131
#3	2.224993	1.301381	.1403886	.0192443	2.600119	8.520073	.0007890

Sample Name: N4180-15 Acquired: 08/23/2022 16:34:08 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EX7Q7D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7752834	.0320306	.0377404
Stddev	.0039086	.0006025	.0003719
%RSD	.5041572	1.880926	.9853110

#1	.7783201	.0325713	.0375701
#2	.7708734	.0321392	.0374843
#3	.7766567	.0313812	.0381670

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	950.9274	30199.89	5147.659	884.9739	1308.460
Stddev	.4338	48.50	31.285	1.5779	3.790
%RSD	.0456234	.1605842	.6077450	.1782979	.2896641

#1	950.7270	30154.92	5144.291	884.0232	1312.292
#2	951.4253	30193.49	5180.491	884.1031	1308.376
#3	950.6300	30251.27	5118.194	886.7953	1304.713

Sample Name: N4180-16 Acquired: 08/23/2022 16:38:11 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX7Q7S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1069521	.1028167	.2587523	.1915581	.1864973	34.78042	4.056665
Stddev	.0034411	.0043588	.0021598	.0023443	.0020982	.08244	.016042
%RSD	3.217420	4.239388	.8346962	1.223808	1.125046	.2370322	.3954389

#1	.1074214	.0997651	.2570649	.1889757	.1861162	34.84362	4.068460
#2	.1033004	.1078088	.2580056	.1921463	.1887599	34.68717	4.038398
#3	.1101344	.1008764	.2611864	.1935522	.1846158	34.81047	4.063136

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1022880	.0989745	131.3394	.4621215	1.009548	.5851377	75.21098
Stddev	.0007845	.0001717	.4540	.0003928	.002449	.0020251	.05365
%RSD	.7669748	.1735229	.3456979	.0850024	.2426011	.3460851	.0713267

#1	.1018366	.0991695	131.6439	.4621998	1.009700	.5874736	75.23142
#2	.1018335	.0989085	130.8175	.4624692	1.007026	.5840626	75.15011
#3	.1031939	.0988456	131.5567	.4616954	1.011918	.5838770	75.25139

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.716298	70.37453	1.099799	.0916997	.8106710	1.054025	1.417730
Stddev	.010527	.22028	.002651	.0001810	.1697003	.006897	.014924
%RSD	.6133800	.3130154	.2410457	.1973811	20.93331	.6543322	1.052664

#1	1.722844	70.43620	1.100379	.0918918	.7528840	1.053660	1.416398
#2	1.704154	70.12999	1.096906	.0916751	.6774112	1.047318	1.433275
#3	1.721895	70.55741	1.102112	.0915323	1.001718	1.061097	1.403517

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.692427	1.197765	.1317184	.0171631	1.933624	8.200104	.0041757
Stddev	.049947	.006820	.0002197	.0004501	.003860	.091112	.0031948
%RSD	1.855090	.5694288	.1667992	2.622709	.1996187	1.111105	76.50890

#1	2.635145	1.191109	.1318103	.0167936	1.930230	8.271909	.0076302
#2	2.715257	1.197448	.1318773	.0170313	1.932818	8.097611	.0013276
#3	2.726880	1.204738	.1314677	.0176644	1.937823	8.230793	.0035692

Sample Name: N4180-16 Acquired: 08/23/2022 16:38:11 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EX7Q7S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8378135	.0278281	.0164159
Stddev	.0074747	.0003797	.0002302
%RSD	.8921631	1.364333	1.402205

#1	.8361186	.0275244	.0165367
#2	.8459901	.0282538	.0161505
#3	.8313318	.0277061	.0165606

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	968.4849	30773.11	5201.855	902.2404	1348.274
Stddev	.3757	193.00	7.940	7.1424	1.305
%RSD	.0387926	.6271800	.1526430	.7916257	.0968065

#1	968.9168	30686.24	5207.295	896.9180	1349.466
#2	968.3042	30638.81	5205.526	899.4457	1348.476
#3	968.2337	30994.28	5192.743	910.3576	1346.879

Sample Name: N4180-14LX5 Acquired: 08/23/2022 16:42:08 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EX7Q7L Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0195663	-.000133	.0431028	-.003244	-.000004	6.652455	.0494620
Stddev	.0018486	.002115	.0016154	.003031	.000743	.017670	.0004963
%RSD	9.447660	1586.626	3.747765	93.42783	16964.11	.2656221	1.003487

#1	.0181303	.000120	.0446331	-.006510	-.000787	6.668854	.0500099
#2	.0189165	-.002364	.0432613	-.002700	.000691	6.633742	.0493339
#3	.0216520	.001844	.0414140	-.000522	.000083	6.654770	.0490423

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009204	.0003662	34.61187	.0120640	.0079101	.0241204	16.05968
Stddev	.0000877	.0001010	.07728	.0007677	.0003159	.0025171	.05336
%RSD	9.530653	27.57192	.2232889	6.363948	3.994193	10.43548	.3322685

#1	.0010135	.0004373	34.57643	.0127638	.0079824	.0216396	16.10176
#2	.0009084	.0004107	34.70052	.0112428	.0081835	.0240493	16.07762
#3	.0008393	.0002506	34.55866	.0121853	.0075642	.0266723	15.99966

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2000107	18.27839	.0212678	-.000065	-.016373	.0143267	.1179477
Stddev	.0022389	.11934	.0006282	.000209	.089821	.0012642	.0046907
%RSD	1.119385	.6528962	2.953955	321.3891	548.5763	8.823793	3.976977

#1	.1987635	18.41611	.0218214	-.000006	.086715	.0157817	.1142858
#2	.2025954	18.21358	.0213969	-.000297	-.077785	.0137006	.1232350
#3	.1986731	18.20549	.0205850	.000108	-.058050	.0134978	.1163222

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4563486	.2400385	.0226176	.0035673	.4869548	1.695067	-.003340
Stddev	.0192571	.0059323	.0009631	.0000720	.0052349	.005264	.001303
%RSD	4.219815	2.471386	4.258173	2.017788	1.075029	.3105577	39.01216

#1	.4738069	.2437610	.0236699	.0035779	.4830616	1.700686	-.001989
#2	.4595459	.2431571	.0217799	.0034905	.4848967	1.690249	-.003443
#3	.4356930	.2331973	.0224029	.0036333	.4929059	1.694266	-.004588

Sample Name: N4180-14LX5 Acquired: 08/23/2022 16:42:08 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EX7Q7L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1549421	.0053884	.0070944
Stddev	.0008258	.0002263	.0002018
%RSD	.5329644	4.198766	2.843821

#1	.1542159	.0051576	.0070513
#2	.1547699	.0053978	.0073142
#3	.1558403	.0056098	.0069177

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	931.9320	29059.95	4905.480	860.4243	1364.187
Stddev	3.6367	96.38	11.275	3.7985	4.740
%RSD	.3902326	.3316604	.2298366	.4414636	.3474902

#1	931.7430	28976.24	4894.790	863.8900	1362.664
#2	928.3936	29038.30	4904.390	861.0196	1360.396
#3	935.6596	29165.31	4917.260	856.3634	1369.502

Sample Name: PB147147BL Acquired: 08/23/2022 16:46:13 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS147 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002564	-.000916	-.001190	-.003014	.0004312	.0009203	-.000474
Stddev	.0067156	.000470	.000881	.005532	.0008796	.0052957	.000249
%RSD	2619.419	51.33195	74.01263	183.5716	203.9736	575.4251	52.56561

#1	.0061639	-.000389	-.001979	-.007478	.0000396	.0066221	-.000605
#2	-.007048	-.001291	-.000239	-.004739	.0014387	-.000017	-.000187
#3	.001653	-.001067	-.001352	.003176	-.000185	-.003844	-.000630

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000692	.0000361	.0096951	-.000411	-.000081	-.000443	-.001395
Stddev	.0000906	.0000847	.0217801	.000244	.000180	.003349	.003217
%RSD	131.0882	234.3007	224.6502	59.45844	222.4183	756.1100	230.5787

#1	.0001736	-.000017	.0123363	-.000230	.000106	-.003773	.002261
#2	.0000111	-.000009	.0300342	-.000315	-.000254	.002925	-.002654
#3	.0000227	.000134	-.013285	-.000689	-.000095	-.000481	-.003793

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006746	-.006392	.0005443	.0001607	-.143511	-.003675	.0026876
Stddev	.0010327	.040309	.0002046	.0000032	.149007	.004375	.0055693
%RSD	153.0720	630.6589	37.58099	1.981575	103.8298	119.0562	207.2216

#1	.0002343	.011564	.0005094	.0001585	-.107870	-.002118	.0035167
#2	-.000065	.021820	.0003595	.0001643	-.307106	-.008615	.0077959
#3	.001854	-.052559	.0007641	.0001593	-.015556	-.000291	-.003250

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.093186	-.002747	-.007539	-.000005	-.002574	.0006897	-.001951
Stddev	.033807	.001995	.000477	.000125	.001493	.0016628	.002015
%RSD	36.27899	72.61014	6.325481	2279.234	57.99695	241.0944	103.2710

#1	-.131326	-.001934	-.007128	-.000016	-.003303	.0022762	-.003836
#2	-.081327	-.005020	-.008062	-.000125	-.003562	-.001040	-.002188
#3	-.066907	-.001287	-.007429	.000124	-.000857	.000833	.000172

Sample Name: PB147147BL Acquired: 08/23/2022 16:46:13 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBS147 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000831	-.000829	.0000142
Stddev	.000891	.000386	.0000583
%RSD	107.1813	46.53708	410.4000

#1	-.001801	-.000858	.0000794
#2	-.000640	-.000429	-.000004
#3	-.000051	-.001199	-.000033

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	928.7516	28706.36	4800.933	853.2147	1370.634
Stddev	2.1630	97.57	14.913	3.4091	.762
%RSD	.2328942	.3398982	.3106221	.3995589	.0555807

#1	929.4303	28625.20	4805.740	851.6514	1370.148
#2	930.4938	28679.27	4784.210	850.8676	1371.512
#3	926.3306	28814.62	4812.850	857.1251	1370.241

Sample Name: PB147147BS Acquired: 08/23/2022 16:50:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS147 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0151499	.0524054	.0208380	.0746509	.1243368	.4205204
Stddev	.0037298	.0016331	.0020107	.0032699	.0030788	.0059756
%RSD	24.61912	3.116295	9.649229	4.380288	2.476192	1.421005

#1	.0112209	.0542836	.0189370	.0734521	.1249153	.4240475
#2	.0186419	.0513202	.0229429	.0721495	.1210098	.4238928
#3	.0155868	.0516125	.0206342	.0783510	.1270853	.4136209

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4229237	.0110885	.0109085	10.90702	.0223006	.1034345
Stddev	.0016809	.0001365	.0001604	.06744	.0007197	.0007194
%RSD	.3974450	1.230507	1.470652	.6182943	3.227208	.6955017

#1	.4215730	.0110462	.0108545	10.83223	.0214975	.1029126
#2	.4223921	.0112411	.0107821	10.92562	.0225171	.1031358
#3	.4248062	.0109783	.0110890	10.96320	.0228872	.1042551

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0531867	.2196409	.0362573	10.51216	.0868532	.0200688
Stddev	.0007797	.0120019	.0006941	.11029	.0003945	.0003215
%RSD	1.465962	5.464309	1.914347	1.049171	.4542185	1.601939

#1	.0532176	.2138050	.0358405	10.38493	.0863984	.0201686
#2	.0523920	.2116731	.0358729	10.57101	.0871025	.0197092
#3	.0539505	.2334447	.0370586	10.58054	.0870587	.0203285

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.14453	.1079195	.1189215	9.923063	.0211473	F .0138097
Stddev	.18153	.0027313	.0022086	.039551	.0014613	.0011014
%RSD	1.789436	2.530877	1.857197	.3985801	6.910031	7.975179

#1	10.25979	.1102765	.1198648	9.879490	.0228042	.0126478
#2	10.23852	.1049262	.1163978	9.956696	.0205953	.0139430
#3	9.93528	.1085559	.1205017	9.933004	.0200424	.0148384

Sample Name: PB147147BS Acquired: 08/23/2022 16:50:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS147 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0212343	.1885674	.2057455	.0129495	.2164206	.0300268
Stddev	.0004752	.0050869	.0026943	.0022850	.0021268	.0002628
%RSD	2.237842	2.697628	1.309552	17.64556	.9827134	.8751049

#1	.0211610	.1865922	.2029903	.0111354	.2139679	.0297298
#2	.0208000	.1943457	.2058717	.0155158	.2177539	.0302290
#3	.0217419	.1847645	.2083745	.0121973	.2175399	.0301217

Elem	Sr4077
Units	ppm
Avg	.2236718
Stddev	.0010090
%RSD	.4510835

#1	.2225068
#2	.2242542
#3	.2242545

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	925.6377	28868.53	4843.344	864.1764	1382.883
Stddev	4.1779	118.63	32.971	8.6081	2.698
%RSD	.4513547	.4109359	.6807556	.9961020	.1951047

#1	927.4660	28740.18	4872.315	854.4541	1385.265
#2	928.5899	28891.28	4807.467	867.2467	1383.431
#3	920.8573	28974.15	4850.250	870.8283	1379.953

Sample Name: N4212-01 Acquired: 08/23/2022 16:54:31 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: BGC46 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0782359	.0080884	.3605615	-.009088	.0022839	73.24429	.8963211
Stddev	.0077906	.0061240	.0012103	.002099	.0003663	.08220	.0021900
%RSD	9.957797	75.71378	.3356811	23.10121	16.03733	.1122255	.2443373

#1	.0871541	.0011216	.3591681	-.006850	.0020933	73.18544	.8962705
#2	.0727557	.0105220	.3613515	-.011014	.0020521	73.20923	.8941568
#3	.0747980	.0126215	.3611649	-.009400	.0027061	73.33821	.8985360

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0075893	.0026883	262.4089	.2753456	.0716090	.2917546	192.2516
Stddev	.0001212	.0002154	.5094	.0003875	.0008437	.0013101	.2843
%RSD	1.596811	8.012176	.1941320	.1407277	1.178217	.4490248	.1478601

#1	.0075805	.0028755	262.8109	.2755999	.0718344	.2932670	192.5596
#2	.0074727	.0024529	261.8360	.2748996	.0706754	.2909703	191.9993
#3	.0077146	.0027366	262.5799	.2755373	.0723171	.2910265	192.1960

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.217879	76.44762	.1728999	-.001789	1.084150	.1398789	1.198390
Stddev	.007022	.16202	.0010944	.000426	.228546	.0023579	.002121
%RSD	.0972810	.2119352	.6329398	23.79550	21.08070	1.685696	.1769913

#1	7.223801	76.53469	.1739275	-.001471	.846254	.1396036	1.199609
#2	7.210123	76.26069	.1717492	-.001623	1.104165	.1376707	1.199620
#3	7.219715	76.54750	.1730231	-.002272	1.302031	.1423624	1.195941

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.362273	4.693735	.3463076	.0043209	5.221126	5.395687	.0037631
Stddev	.067678	.017535	.0015157	.0001589	.020399	.052245	.0005283
%RSD	1.063739	.3735855	.4376704	3.677487	.3906933	.9682679	14.03803

#1	6.292957	4.689153	.3467232	.0042844	5.198382	5.406299	.0031605
#2	6.365678	4.678946	.3475721	.0041834	5.227197	5.338951	.0039823
#3	6.428184	4.713106	.3446275	.0044948	5.237801	5.441811	.0041464

Sample Name: N4212-01 Acquired: 08/23/2022 16:54:31 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: BGC46 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6293260	.1494386	.1543411
Stddev	.0052220	.0012623	.0006855
%RSD	.8297740	.8446704	.4441434

#1	.6266694	.1480454	.1551287
#2	.6259664	.1505061	.1538785
#3	.6353421	.1497644	.1540162

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1013.764	32416.77	5512.174	939.9538	1285.452
Stddev	1.706	65.50	24.620	2.6644	2.395
%RSD	.1682793	.2020568	.4466500	.2834616	.1863544

#1	1015.410	32400.79	5506.479	942.2365	1284.259
#2	1012.004	32360.73	5539.142	937.0261	1288.210
#3	1013.879	32488.78	5490.900	940.5988	1283.889

Sample Name: N4212-02 Acquired: 08/23/2022 16:58:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: BGC46D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0821068	.0068879	.3611796	-.007694	.0016921	74.25805	.9087096
Stddev	.0078959	.0042385	.0040625	.004166	.0024993	.56380	.0036789
%RSD	9.616611	61.53473	1.124794	54.14308	147.7073	.7592437	.4048515

#1	.0734063	.0020313	.3620910	-.012504	-.001168	74.85394	.9120234
#2	.0840967	.0098403	.3647090	-.005364	.002790	73.73305	.9047508
#3	.0888175	.0087921	.3567388	-.005215	.003455	74.18715	.9093547

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0078144	.0027855	257.2230	.2490739	.0734642	.2950573	191.2626
Stddev	.0000633	.0000188	1.0517	.0014526	.0005395	.0018397	1.1605
%RSD	.8107152	.6750951	.4088685	.5832176	.7343150	.6235051	.6067472

#1	.0078367	.0028070	258.4177	.2499128	.0740383	.2971093	192.5668
#2	.0077429	.0027722	256.4368	.2499124	.0729679	.2935556	190.3440
#3	.0078635	.0027773	256.8146	.2473965	.0733863	.2945068	190.8770

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.037995	73.74434	.1769553	-.001812	1.165257	.1313664	1.209691
Stddev	.039993	.44823	.0000836	.000045	.184641	.0012795	.006656
%RSD	.5682442	.6078164	.0472601	2.478191	15.84552	.9739694	.5502399

#1	7.083334	74.26190	.1769805	-.001783	1.305159	.1304318	1.217337
#2	7.007726	73.48325	.1770235	-.001789	1.234635	.1328247	1.205186
#3	7.022925	73.48786	.1768620	-.001864	.955976	.1308428	1.206550

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.421466	4.753360	.3409570	.0045719	5.147947	5.538079	.0063577
Stddev	.024067	.016788	.0041539	.0003955	.010550	.004904	.0018095
%RSD	.3747924	.3531774	1.218319	8.651175	.2049370	.0885457	28.46156

#1	6.438091	4.770491	.3454125	.0047845	5.136032	5.537754	.0063668
#2	6.432439	4.736938	.3402675	.0048157	5.156103	5.533345	.0045437
#3	6.393868	4.752650	.3371909	.0041156	5.151707	5.543136	.0081627

Sample Name: N4212-02 Acquired: 08/23/2022 16:58:35 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: BGC46D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6148431	.1505825	.1581489
Stddev	.0037041	.0015401	.0005163
%RSD	.6024510	1.022739	.3264770

#1	.6117075	.1518487	.1576942
#2	.6138916	.1510308	.1587102
#3	.6189301	.1488681	.1580424

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1019.625	32503.78	5544.861	946.0184	1288.644
Stddev	1.156	62.60	19.597	5.9629	1.922
%RSD	.1133627	.1925927	.3534265	.6303156	.1491349

#1	1018.465	32505.22	5525.304	951.3847	1287.894
#2	1020.776	32565.65	5564.498	947.0712	1290.828
#3	1019.635	32440.47	5544.781	939.5992	1287.211

Sample Name: CCV003 Acquired: 08/23/2022 17:02:37 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV003 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.994380	5.086489	25.30587	4.912097	5.028911	394.9832	10.38855
Stddev	.011284	.008488	.03141	.018299	.011641	1.0618	.02996
%RSD	.2259383	.1668743	.1241241	.3725333	.2314888	.2688166	.2884263

#1	4.988668	5.081248	25.32954	4.923324	5.023475	395.5166	10.41210
#2	4.987094	5.096283	25.31784	4.921985	5.042276	393.7605	10.35482
#3	5.007378	5.081938	25.27024	4.890981	5.020982	395.6727	10.39873

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5062121	2.516476	405.3598	15.57188	2.538489	15.23312	400.9581
Stddev	.0018633	.003601	.4463	.00913	.003331	.02618	.6408
%RSD	.3680944	.1431123	.1100972	.0586621	.1312267	.1718463	.1598283

#1	.5040641	2.518117	405.5316	15.56350	2.540403	15.25760	400.8170
#2	.5071784	2.518965	404.8531	15.58162	2.540421	15.20552	400.3996
#3	.5073938	2.512347	405.6946	15.57052	2.534642	15.23624	401.6578

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.99257	397.1729	2.551734	1.306086	396.6701	2.520573	14.80245
Stddev	.02882	.7100	.003659	.003065	.7351	.002649	.08692
%RSD	.1922444	.1787738	.1433809	.2346796	.1853151	.1050970	.5871954

#1	15.00637	396.6643	2.554529	1.305577	396.6946	2.522104	14.85834
#2	14.95944	396.8702	2.553080	1.309374	395.9230	2.517514	14.70231
#3	15.01189	397.9841	2.547593	1.303308	397.3926	2.522101	14.84670

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	156.4245	5.294239	5.476958	4.987196	5.164696	5.080551	5.133465
Stddev	.1787	.018859	.019664	.006974	.013566	.026552	.023696
%RSD	.1142419	.3562163	.3590288	.1398323	.2626713	.5226125	.4615909

#1	156.4592	5.288439	5.454586	4.979666	5.176927	5.050731	5.159947
#2	156.2310	5.315317	5.491506	4.993431	5.167056	5.101631	5.126183
#3	156.5833	5.278961	5.484781	4.988491	5.150104	5.089292	5.114265

Sample Name: CCV003 Acquired: 08/23/2022 17:02:37 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV003 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.124604	5.235876	4.901931
Stddev	.010196	.007748	.048341
%RSD	.1989627	.1479756	.9861581

#1	5.115497	5.242636	4.850547
#2	5.135620	5.227421	4.946508
#3	5.122697	5.237570	4.908737

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	767.8168	26888.62	4633.675	735.9971	1113.586
Stddev	.7691	47.48	14.201	2.3513	2.125
%RSD	.1001638	.1765739	.3064772	.3194744	.1908618

#1	767.3645	26882.30	4649.801	736.5831	1111.200
#2	767.3811	26844.63	4623.036	738.0000	1114.280
#3	768.7048	26938.95	4628.188	733.4082	1115.278

Sample Name: CCB003 Acquired: 08/23/2022 17:06:36 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB003 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002504	.0010560	-.000262	-.000431	.0004900	-.003860	-.000201
Stddev	.003514	.0010067	.001511	.002573	.0012866	.005598	.000248
%RSD	140.3622	95.32781	576.2580	597.4129	262.5714	145.0544	123.2815

#1	-.006414	-.000097	-.001645	.001313	-.000897	.000124	-.000104
#2	.000390	.001502	-.000492	.000781	.000722	-.010260	-.000016
#3	-.001486	.001763	.001351	-.003386	.001645	-.001443	-.000483

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000198	.0000091	.0161079	.0004131	-.000113	-.002166	.0191112
Stddev	.0001116	.0000844	.0047539	.0004077	.000143	.002373	.0052244
%RSD	563.4725	924.0803	29.51280	98.67449	126.1510	109.5578	27.33697

#1	.0001456	-.000076	.0114956	.0000661	.000010	-.004820	.0235622
#2	-.000067	.000011	.0158365	.0008621	-.000270	-.000249	.0133592
#3	-.000019	.000092	.0209917	.0003112	-.000079	-.001428	.0204122

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007037	.0307454	.0006687	.0002297	-.102030	-.004610	.0029485
Stddev	.0007691	.0134298	.0005922	.0004252	.054057	.002394	.0024213
%RSD	109.2947	43.68049	88.56659	185.0803	52.98099	51.92831	82.11858

#1	.0015334	.0207303	.0011514	.0006672	-.040763	-.001872	.0032186
#2	.0005632	.0254996	.0000078	.0002039	-.122327	-.006307	.0052234
#3	.0000145	.0460064	.0008468	-.000182	-.143001	-.005651	.0004035

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0461656	-.005880	.0047523	.0002282	.0013607	.0000770	-.001785
Stddev	.0401227	.001706	.0013094	.0003464	.0035841	.0018549	.000630
%RSD	86.91053	29.01361	27.55230	151.7685	263.3954	2408.354	35.30551

#1	.0550680	-.004848	.0062150	.0006279	.0054802	.0003564	-.001880
#2	.0023393	-.007849	.0036895	.0000431	-.000355	.0017764	-.001113
#3	.0810894	-.004942	.0043524	.0000137	-.001043	-.001902	-.002362

Sample Name: CCB003 Acquired: 08/23/2022 17:06:36 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB003 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0006362	.0012371	.0001110
Stddev	.0017164	.0004619	.0000625
%RSD	269.7670	37.33948	56.32393

#1	-.000543	.0015391	.0000701
#2	.002605	.0007053	.0001830
#3	-.000154	.0014668	.0000800

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	928.8148	28609.53	4837.433	857.7654	1370.463
Stddev	.6520	140.67	13.644	5.5703	3.441
%RSD	.0702009	.4916921	.2820500	.6493933	.2510718

#1	929.4787	28477.30	4831.870	853.6719	1370.136
#2	928.1753	28757.34	4827.450	864.1087	1367.197
#3	928.7903	28593.95	4852.980	855.5156	1374.056

Sample Name: N4212-03 Acquired: 08/23/2022 17:10:45 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: BGC46S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1471143	.1023928	.3793057	.1493761	.1701986	71.23310	4.389193
Stddev	.0045412	.0085834	.0018439	.0022046	.0020166	.42570	.013003
%RSD	3.086850	8.382772	.4861144	1.475875	1.184870	.5976218	.2962420

#1	.1520911	.0947061	.3814345	.1518240	.1699251	71.65188	4.403347
#2	.1431955	.1116546	.3782095	.1475472	.1683327	70.80080	4.377778
#3	.1460563	.1008176	.3782731	.1487569	.1723380	71.24663	4.386455

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0938235	.0997588	182.5561	.4593188	1.066736	.6997980	183.8453
Stddev	.0004770	.0003223	.5944	.0015445	.001870	.0045643	.9361
%RSD	.5084123	.3230568	.3256001	.3362502	.1752826	.6522332	.5092044

#1	.0940121	.0995899	183.1253	.4598541	1.064746	.7038778	184.8594
#2	.0932810	.0995562	181.9394	.4575779	1.068457	.6948686	183.0141
#3	.0941773	.1001305	182.6037	.4605244	1.067005	.7006477	183.6623

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.680342	42.82894	1.184235	.0839256	.9803152	.9708315	1.791104
Stddev	.026776	.21278	.000297	.0001489	.2497963	.0021488	.023904
%RSD	.4008204	.4968022	.0251000	.1774661	25.48122	.2213347	1.334572

#1	6.709138	43.06160	1.184431	.0840886	1.130575	.9719747	1.805715
#2	6.656194	42.64423	1.184382	.0838915	.691961	.9683528	1.804078
#3	6.675693	42.78101	1.183893	.0837967	1.118409	.9721670	1.763519

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.620339	4.401780	.3182861	.0026409	2.875847	3.256772	.0021046
Stddev	.043565	.005644	.0058334	.0003521	.019123	.012170	.0018396
%RSD	.7751245	.1282181	1.832764	13.33176	.6649474	.3736780	87.41025

#1	5.632076	4.400190	.3250018	.0030131	2.879354	3.270639	.0014956
#2	5.572108	4.408048	.3144768	.0025964	2.892974	3.247869	.0006467
#3	5.656833	4.397101	.3153798	.0023132	2.855213	3.251808	.0041714

Sample Name: N4212-03 Acquired: 08/23/2022 17:10:45 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: BGC46S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3863039	.1485866	.1095374
Stddev	.0030738	.0005122	.0004168
%RSD	.7956880	.3447420	.3804613

#1	.3841470	.1483753	.1090964
#2	.3849412	.1482137	.1095911
#3	.3898234	.1491706	.1099247

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1045.110	33056.75	5634.077	965.6270	1318.896
Stddev	1.339	71.17	35.996	2.5571	1.993
%RSD	.1281176	.2153097	.6388918	.2648153	.1511303

#1	1043.626	32984.73	5623.916	963.4396	1316.617
#2	1045.476	33127.05	5674.062	965.0030	1320.312
#3	1046.228	33058.49	5604.255	968.4384	1319.759

Sample Name: N4212-01LX5 Acquired: 08/23/2022 17:14:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: BGC46L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0169339	.0012544	.0674549	-.003486	-.001624	15.12301	.1885556
Stddev	.0011434	.0035167	.0030314	.001606	.001281	.04839	.0012006
%RSD	6.752059	280.3508	4.493918	46.07616	78.90161	.3200025	.6367285

#1	.0168714	-.002334	.0641957	-.003400	-.002419	15.15129	.1891563
#2	.0158230	.001402	.0679787	-.005134	-.002307	15.15061	.1893372
#3	.0181072	.004695	.0701902	-.001925	-.000146	15.06713	.1871732

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017035	.0002358	54.93943	.0584509	.0124963	.0599844	41.38679
Stddev	.0000402	.0001174	.15747	.0004918	.0002286	.0005020	.19745
%RSD	2.360976	49.80784	.2866279	.8413868	1.829387	.8368326	.4770788

#1	.0016679	.0001481	54.97254	.0579811	.0124082	.0597790	41.45630
#2	.0017471	.0003692	55.07771	.0584095	.0123249	.0605565	41.54008
#3	.0016954	.0001900	54.76803	.0589621	.0127559	.0596177	41.16398

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.537697	15.74603	.0333070	-.000371	.0198641	.0269167	.2564204
Stddev	.005374	.04786	.0000358	.000195	.1850981	.0009092	.0078314
%RSD	.3494536	.3039414	.1073224	52.57812	931.8216	3.377742	3.054113

#1	1.541338	15.71984	.0333053	-.000236	-.193116	.0278819	.2654257
#2	1.540227	15.80127	.0332721	-.000282	.110836	.0260765	.2512046
#3	1.531525	15.71699	.0333435	-.000595	.141872	.0267918	.2526309

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.219119	.8837236	.0745797	.0008683	.9665622	1.155889	-.001519
Stddev	.034637	.0090686	.0005184	.0002814	.0049117	.028882	.000806
%RSD	2.841153	1.026182	.6951447	32.41095	.5081592	2.498702	53.09504

#1	1.200029	.8883161	.0739906	.0009156	.9687605	1.126175	-.001724
#2	1.259101	.8732774	.0747822	.0011231	.9609353	1.157631	-.000629
#3	1.198227	.8895773	.0749663	.0005662	.9699907	1.183860	-.002202

Sample Name: N4212-01LX5 Acquired: 08/23/2022 17:14:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: BGC46L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1286200	.0306296	.0324045
Stddev	.0011113	.0008616	.0003211
%RSD	.8639803	2.813065	.9910399

#1	.1279048	.0312140	.0324758
#2	.1299002	.0296401	.0320538
#3	.1280549	.0310347	.0326841

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	951.4911	29481.36	5026.582	874.2484	1365.032
Stddev	1.0213	35.72	12.862	6.7724	1.722
%RSD	.1073371	.1211648	.2558742	.7746564	.1261638

#1	951.3819	29469.85	5041.429	866.4541	1365.023
#2	950.5287	29521.42	5018.830	877.5964	1363.315
#3	952.5625	29452.82	5019.488	878.6948	1366.759

Sample Name: N4212-04 Acquired: 08/23/2022 17:18:46 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: BGC47 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0801927	.0100582	.2909214	-.010222	.0028557	61.21509	.7188828
Stddev	.0076477	.0028857	.0023935	.003930	.0023527	.11116	.0017476
%RSD	9.536650	28.69057	.8227406	38.44977	82.38705	.1815904	.2431023

#1	.0795239	.0120321	.2916264	-.014534	.0055538	61.16271	.7185885
#2	.0729014	.0113961	.2928833	-.009291	.0017817	61.13980	.7173010
#3	.0881528	.0067463	.2882546	-.006840	.0012316	61.34277	.7207589

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052057	.0026929	198.6625	.0878869	.0669148	.2353021	163.0752
Stddev	.0000984	.0001615	.0645	.0011391	.0000744	.0019367	.1635
%RSD	1.890875	5.997570	.0324436	1.296134	.1111736	.8230880	.1002850

#1	.0052077	.0028791	198.7354	.0868190	.0668486	.2368847	163.2624
#2	.0051063	.0026091	198.6130	.0877558	.0669953	.2358791	162.9601
#3	.0053031	.0025904	198.6391	.0890859	.0669004	.2331424	163.0031

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.856219	37.82416	.1671004	-.001871	1.305372	.0847900	.8831374
Stddev	.006083	.09289	.0002072	.000276	.166846	.0044036	.0006885
%RSD	.1038706	.2455725	.1240227	14.74778	12.78153	5.193484	.0779598

#1	5.856867	37.81410	.1670155	-.001689	1.253096	.0860495	.8837540
#2	5.849837	37.73672	.1669491	-.001735	1.492097	.0798939	.8823945
#3	5.861951	37.92167	.1673366	-.002188	1.170923	.0884266	.8832638

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.008498	5.306623	.2825665	.0031090	2.826030	4.331634	.0032221
Stddev	.037125	.015772	.0022554	.0002739	.009848	.047304	.0028831
%RSD	.7412488	.2972150	.7981974	8.810349	.3484893	1.092067	89.47894

#1	5.000254	5.294232	.2851672	.0031724	2.823121	4.320737	.0062343
#2	4.976187	5.301260	.2811460	.0028089	2.817964	4.290729	.0004884
#3	5.049052	5.324377	.2813863	.0033456	2.837005	4.383436	.0029435

Sample Name: N4212-04 Acquired: 08/23/2022 17:18:46 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: BGC47 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4215186	.1346475	.1316624
Stddev	.0046214	.0006170	.0003991
%RSD	1.096360	.4582118	.3030961

#1	.4169871	.1348964	.1313258
#2	.4213438	.1351011	.1321032
#3	.4262249	.1339449	.1315582

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1057.365	33384.85	5732.978	977.9905	1314.547
Stddev	1.609	96.29	14.115	2.7138	.673
%RSD	.1522155	.2884159	.2462125	.2774902	.0511635

#1	1056.500	33450.11	5744.805	975.0050	1314.046
#2	1059.222	33430.18	5736.778	980.3079	1315.311
#3	1056.373	33274.26	5717.352	978.6585	1314.284

Sample Name: N4212-05 Acquired: 08/23/2022 17:22:49 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: BGC48 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0667405	.0196664	.8697532	-.005482	.0051255	60.70902
Stddev	.0048633	.0044618	.0030457	.004316	.0006978	.19529
%RSD	7.286870	22.68767	.3501793	78.73173	13.61408	.3216756

#1	.0628300	.0207458	.8666353	-.000508	.0043672	60.80049
#2	.0652055	.0147639	.8699032	-.007691	.0057406	60.48478
#3	.0721861	.0234895	.8727211	-.008245	.0052686	60.84178

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.160640	.0091196	.0048847	F 1170.172	.1356276	.0477651
Stddev	.002840	.0000468	.0002585	4.530	.0009227	.0003794
%RSD	.2446580	.5127180	5.292902	.3871097	.6803100	.7943371

#1	1.160605	.0090702	.0046033	1165.935	.1351905	.0481515
#2	1.157818	.0091631	.0049392	1174.947	.1366876	.0473931
#3	1.163497	.0091256	.0051117	1169.635	.1350047	.0477506

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3114140	145.9192	12.31239	574.3749	.1566122	-.001926
Stddev	.0014447	.6348	.02852	2.2252	.0004009	.000201
%RSD	.4639243	.4350188	.2316020	.3874121	.2560112	10.41461

#1	.3124326	146.1422	12.32179	575.7345	.1570672	-.002143
#2	.3120487	145.2030	12.28036	571.8070	.1563106	-.001747
#3	.3097605	146.4124	12.33502	575.5832	.1564589	-.001888

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.569322	.0978223	.9240524	6.083833	7.175419	.2886707
Stddev	.288578	.0015547	.0190940	.043591	.010513	.0013874
%RSD	18.38870	1.589308	2.066333	.7165038	.1465172	.4806275

#1	1.856382	.0989341	.9294224	6.066788	7.163291	.2873238
#2	1.572332	.0984871	.9028483	6.133371	7.181042	.2900954
#3	1.279250	.0960458	.9398863	6.051340	7.181926	.2885930

Sample Name: N4212-05 Acquired: 08/23/2022 17:22:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: BGC48 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059765	10.96021	4.672894	.0743338	.6937625	.1218246
Stddev	.0008243	.05615	.001360	.0014304	.0073456	.0006597
%RSD	13.79207	.5122730	.0291143	1.924302	1.058812	.5415454

#1	.0068227	10.89957	4.672496	.0738904	.6908007	.1217097
#2	.0051760	10.97066	4.671777	.0759334	.6883602	.1212298
#3	.0059307	11.01040	4.674409	.0731776	.7021267	.1225342

Elem	Sr4077
Units	ppm
Avg	.8335598
Stddev	.0023845
%RSD	.2860645

#1	.8325723
#2	.8318277
#3	.8362795

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	934.8374	30800.62	5357.165	879.0459	1104.144
Stddev	3.2685	72.29	12.085	5.4508	.300
%RSD	.3496303	.2346993	.2255937	.6200827	.0271506

#1	932.8973	30718.27	5368.916	881.6603	1104.077
#2	938.6110	30829.99	5357.808	882.6969	1104.472
#3	933.0038	30853.60	5344.771	872.7803	1103.883

Sample Name: N4212-06 Acquired: 08/23/2022 17:26:59 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: BGC49 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0985949	.0117481	.3152512	-.014359	.0049394	64.35388	1.076838
Stddev	.0048261	.0021155	.0026647	.002558	.0010727	.03769	.001650
%RSD	4.894908	18.00712	.8452564	17.81181	21.71733	.0585671	.1532699

#1	.1010468	.0097155	.3126281	-.012657	.0044284	64.31225	1.077095
#2	.1017029	.0115910	.3179556	-.017301	.0061721	64.38568	1.078345
#3	.0930351	.0139378	.3151699	-.013121	.0042178	64.36372	1.075074

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0048877	.0048554	142.6046	.1064434	.0947040	.2987617	220.6281
Stddev	.0002366	.0000628	.2523	.0003725	.0006066	.0061986	.5287
%RSD	4.840881	1.294232	.1769215	.3499769	.6404919	2.074775	.2396524

#1	.0051588	.0047829	142.5931	.1061771	.0946404	.2922356	220.2872
#2	.0047225	.0048902	142.8625	.1062841	.0941318	.2994790	221.2372
#3	.0047819	.0048932	142.3583	.1068691	.0953399	.3045704	220.3599

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.378224	59.44215	.2012134	-.002407	.6875233	.1040305	.9487508
Stddev	.016491	.24354	.0002750	.000311	.1825981	.0030618	.0053221
%RSD	.1758455	.4097012	.1366676	12.92863	26.55882	2.943183	.5609592

#1	9.375459	59.38059	.2009197	-.002368	.4845699	.1074054	.9429903
#2	9.395922	59.71055	.2014648	-.002117	.8384922	.1032551	.9497771
#3	9.363289	59.23530	.2012556	-.002736	.7395079	.1014309	.9534850

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.376634	6.841861	.3770678	.0038376	2.394024	2.945373	.0061428
Stddev	.008366	.022583	.0020989	.0001980	.007502	.021885	.0012830
%RSD	.1555918	.3300739	.5566265	5.158530	.3133582	.7430137	20.88660

#1	5.371079	6.816091	.3766051	.0036232	2.385471	2.970553	.0069039
#2	5.372567	6.851292	.3793594	.0040135	2.397116	2.934632	.0046615
#3	5.386255	6.858200	.3752390	.0038760	2.399486	2.930935	.0068629

Sample Name: N4212-06 Acquired: 08/23/2022 17:26:59 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: BGC49 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4161701	.1345840	-.024073
Stddev	.0041853	.0003422	.000133
%RSD	1.005668	.2542487	.5524387

#1	.4162630	.1349791	-.024210
#2	.4203082	.1343844	-.024066
#3	.4119392	.1343885	-.023944

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1097.522	34514.95	5918.351	1011.043	1326.990
Stddev	1.729	39.89	5.438	3.214	2.002
%RSD	.1575607	.1155869	.0918920	.3178459	.1509021

#1	1096.380	34498.18	5919.002	1007.335	1325.859
#2	1096.675	34560.49	5912.617	1012.772	1325.810
#3	1099.512	34486.18	5923.436	1013.022	1329.302

Sample Name: N4212-07 Acquired: 08/23/2022 17:31:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: BGC50 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0855573	.0058765	.4455730	-.006203	.0054950	62.15748	.8714551
Stddev	.0083315	.0009246	.0043324	.003811	.0041082	.28783	.0014366
%RSD	9.737861	15.73437	.9723259	61.43519	74.76197	.4630639	.1648507

#1	.0759472	.0052584	.4415553	-.008724	.0088641	62.48739	.8730672
#2	.0899768	.0069395	.4450005	-.001819	.0067025	61.95767	.8703106
#3	.0907477	.0054316	.4501632	-.008065	.0009184	62.02739	.8709874

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0041115	.0021438	205.2271	.1036981	.0767602	.2282312	182.3732
Stddev	.0001310	.0000967	.6254	.0010322	.0005827	.0008620	.6231
%RSD	3.185116	4.508932	.3047531	.9953504	.7590693	.3776824	.3416478

#1	.0040514	.0022434	205.3025	.1025543	.0761003	.2282830	182.7137
#2	.0040213	.0021376	204.5675	.1045602	.0769767	.2273445	181.6540
#3	.0042617	.0020504	205.8115	.1039797	.0772036	.2290662	182.7517

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.436059	37.85793	.1849108	-.002149	.6306612	.0905896	.6862703
Stddev	.015292	.10254	.0012073	.000241	.0868018	.0011912	.0058511
%RSD	.2375978	.2708508	.6529294	11.21409	13.76361	1.314886	.8525938

#1	6.442056	37.86428	.1847535	-.001886	.6993456	.0919646	.6921132
#2	6.418678	37.75236	.1837898	-.002200	.5331020	.0898731	.6862869
#3	6.447445	37.95714	.1861891	-.002360	.6595359	.0899311	.6804110

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.792097	6.054423	.3089136	.0005079	2.528453	2.537926	-.000140
Stddev	.036712	.022837	.0011147	.0000413	.015487	.024044	.001689
%RSD	.7660865	.3772007	.3608303	8.122186	.6124956	.9473881	1204.559

#1	4.795957	6.069229	.3096932	.0005057	2.519795	2.514212	.001153
#2	4.753609	6.028122	.3076369	.0004679	2.546333	2.562287	.000477
#3	4.826727	6.065918	.3094106	.0005503	2.519232	2.537280	-.002051

Sample Name: N4212-07 Acquired: 08/23/2022 17:31:01 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: BGC50 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3800835	.1377532	.0685665
Stddev	.0007113	.0014073	.0003820
%RSD	.1871325	1.021603	.5571892

#1	.3799380	.1391640	.0681294
#2	.3794563	.1377462	.0687332
#3	.3808563	.1363494	.0688367

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1037.368	32671.68	5614.494	958.8569	1320.474
Stddev	1.246	55.33	19.977	6.7980	2.787
%RSD	.1200647	.1693533	.3558080	.7089718	.2110803

#1	1037.505	32608.66	5627.717	954.1916	1322.738
#2	1036.060	32694.10	5624.251	955.7224	1321.323
#3	1038.539	32712.28	5591.514	966.6567	1317.361

Sample Name: N4212-08 Acquired: 08/23/2022 17:35:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: BGC51 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0826907	.0070195	.2655268	-.009359	.0036217	53.17589	.6598991
Stddev	.0065931	.0037648	.0011622	.000679	.0017510	.22945	.0017778
%RSD	7.973192	53.63407	.4377048	7.252402	48.34678	.4314882	.2693977

#1	.0764390	.0040756	.2659664	-.009907	.0051997	53.03894	.6586217
#2	.0895789	.0057212	.2642089	-.009571	.0039275	53.44078	.6619294
#3	.0820541	.0112617	.2664051	-.008600	.0017380	53.04794	.6591461

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0045458	.0022280	368.7994	.0869881	.0553589	.2165341	173.5773
Stddev	.0000112	.0002258	1.4522	.0009584	.0006431	.0018967	.7806
%RSD	.2467048	10.13374	.3937567	1.101804	1.161622	.8759270	.4496990

#1	.0045518	.0024808	368.3589	.0859146	.0546190	.2144888	173.2610
#2	.0045528	.0021567	370.4208	.0877580	.0556745	.2168787	174.4664
#3	.0045329	.0020465	367.6184	.0872918	.0557832	.2182349	173.0045

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.820378	56.81227	.1423720	-.002482	.5793982	.0853321	.6407972
Stddev	.021523	.27039	.0008595	.000316	.1348653	.0032931	.0140788
%RSD	.3697821	.4759298	.6037103	12.74906	23.27679	3.859101	2.197071

#1	5.810819	56.67485	.1431697	-.002141	.7144604	.0818562	.6567236
#2	5.845025	57.12377	.1414618	-.002765	.5790035	.0884053	.6300102
#3	5.805290	56.63820	.1424845	-.002540	.4447307	.0857347	.6356577

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.212136	6.166437	.2981892	.0013603	3.091334	2.804263	.0081205
Stddev	.029183	.017940	.0017406	.0006550	.011402	.029335	.0005175
%RSD	.6928224	.2909337	.5837270	48.15260	.3688535	1.046071	6.373119

#1	4.197007	6.153369	.2961937	.0018789	3.080090	2.806880	.0079314
#2	4.245777	6.159050	.2993952	.0006242	3.091024	2.832202	.0077240
#3	4.193625	6.186891	.2989787	.0015778	3.102889	2.773708	.0087060

Sample Name: N4212-08 Acquired: 08/23/2022 17:35:03 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: BGC51 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4387196	.1179365	.3498757
Stddev	.0028029	.0008880	.0004145
%RSD	.6388854	.7529176	.1184793

#1	.4416029	.1169399	.3498887
#2	.4385514	.1186436	.3494548
#3	.4360046	.1182259	.3502836

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1018.099	32262.73	5555.640	939.0759	1281.968
Stddev	2.199	118.35	34.925	2.9415	3.724
%RSD	.2160209	.3668318	.6286337	.3132374	.2904709

#1	1016.401	32334.91	5588.269	935.8782	1280.010
#2	1020.583	32126.15	5518.801	939.6827	1286.262
#3	1017.313	32327.15	5559.850	941.6667	1279.631

Sample Name: N4212-09 Acquired: 08/23/2022 17:39:06 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: BGC52 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0602169	.0092170	.1811607	-.005717	.0008045	70.60165	.9692916
Stddev	.0023152	.0008052	.0011581	.004840	.0021571	.38244	.0027492
%RSD	3.844804	8.736191	.6392515	84.65314	268.1187	.5416878	.2836316

#1	.0625313	.0096549	.1818883	-.011236	.0015949	70.27213	.9661400
#2	.0602184	.0097085	.1817685	-.003723	-.001636	70.51180	.9705374
#3	.0579009	.0082878	.1798253	-.002194	.002455	71.02101	.9711973

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0067919	.0035066	196.2365	.0796115	.0700279	.2071694	172.6918
Stddev	.0000611	.0001599	.9468	.0007351	.0008676	.0013785	1.1973
%RSD	.8997970	4.560021	.4824945	.9234257	1.238933	.6654123	.6933425

#1	.0068579	.0036593	195.1768	.0799819	.0696342	.2055838	171.4275
#2	.0067373	.0033403	196.5335	.0800877	.0694269	.2078411	172.8393
#3	.0067805	.0035201	196.9992	.0787648	.0710225	.2080834	173.8086

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.596263	46.40788	.1944269	-.002079	.9837920	.0822428	.5164562
Stddev	.046071	.39877	.0009373	.000488	.0849963	.0007444	.0107134
%RSD	.6064989	.8592759	.4820959	23.46430	8.639661	.9051258	2.074405

#1	7.545280	45.95819	.1951645	-.002576	.8989532	.0825876	.5232297
#2	7.608596	46.54699	.1947441	-.001600	1.068945	.0813886	.5041047
#3	7.634913	46.71846	.1933722	-.002062	.983478	.0827524	.5220342

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.273947	4.698614	.2981068	-.000039	2.881415	3.525412	-.002273
Stddev	.065519	.014637	.0035850	.000195	.009748	.013359	.001726
%RSD	1.532985	.3115159	1.202598	499.2707	.3383023	.3789269	75.92354

#1	4.226981	4.693365	.2951255	-.000151	2.876120	3.519213	-.002554
#2	4.246065	4.687325	.2971103	.000187	2.892665	3.516278	-.000424
#3	4.348795	4.715152	.3020847	-.000154	2.875461	3.540744	-.003842

Sample Name: N4212-09 Acquired: 08/23/2022 17:39:06 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: BGC52 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4572953	.1680691	.2073090
Stddev	.0026225	.0013755	.0012564
%RSD	.5734833	.8184404	.6060286

#1	.4591386	.1689465	.2059157
#2	.4584544	.1687770	.2076559
#3	.4542930	.1664837	.2083555

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1042.133	32876.58	5629.099	962.8971	1318.983
Stddev	.557	58.55	23.301	1.7817	2.512
%RSD	.0534738	.1780930	.4139428	.1850345	.1904365

#1	1042.350	32834.06	5652.896	964.8087	1317.997
#2	1042.548	32852.33	5628.073	961.2827	1321.838
#3	1041.500	32943.36	5606.327	962.5998	1317.114

Sample Name: N4212-10 Acquired: 08/23/2022 17:43:10 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: BGC53 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0842966	.0066345	.3281562	-.007015	.0069475	91.12947	1.419689
Stddev	.0027139	.0036767	.0030297	.007525	.0027787	.19035	.004205
%RSD	3.219466	55.41781	.9232563	107.2628	39.99629	.2088805	.2961606

#1	.0868468	.0034127	.3294061	.001118	.0048875	91.29318	1.424361
#2	.0814443	.0058510	.3247015	-.013728	.0058470	90.92060	1.416209
#3	.0845987	.0106398	.3303611	-.008435	.0101079	91.17462	1.418496

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0088982	.0031748	86.61286	.1538212	.1024982	.2287864	239.6957
Stddev	.0001600	.0000913	.22621	.0008660	.0010150	.0002494	.6934
%RSD	1.798558	2.875888	.2611691	.5629710	.9902683	.1089900	.2892783

#1	.0087962	.0030824	86.87405	.1547423	.1016769	.2287618	240.2938
#2	.0088157	.0031771	86.48413	.1530236	.1021847	.2290471	238.9357
#3	.0090827	.0032649	86.48040	.1536978	.1036330	.2285502	239.8576

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.564813	39.23817	.2418841	-.003634	.9725865	.1477238	1.208784
Stddev	.017422	.17725	.0004771	.000352	.1098655	.0002760	.010466
%RSD	.2653859	.4517368	.1972565	9.684234	11.29621	.1868435	.8658668

#1	6.584799	39.36775	.2424319	-.003377	.8507872	.1477565	1.215348
#2	6.552833	39.03617	.2415595	-.004035	1.002760	.1479821	1.196714
#3	6.556808	39.31058	.2416609	-.003489	1.064213	.1474330	1.214290

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.377190	5.523289	.4053870	.0053579	4.030672	6.303919	.0095151
Stddev	.026604	.018902	.0029102	.0003277	.014055	.013884	.0005839
%RSD	.3606213	.3422158	.7178868	6.117050	.3487071	.2202380	6.136014

#1	7.407096	5.505329	.4055657	.0051810	4.033500	6.308982	.0089628
#2	7.356157	5.521530	.4023916	.0051566	4.015418	6.288214	.0094564
#3	7.368316	5.543009	.4082038	.0057361	4.043099	6.314560	.0101261

Sample Name: N4212-10 Acquired: 08/23/2022 17:43:10 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: BGC53 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7838875	.1797149	.0026092
Stddev	.0031186	.0001871	.0004618
%RSD	.3978426	.1041216	17.69914

#1	.7820558	.1795229	.0031181
#2	.7874884	.1798967	.0024929
#3	.7821183	.1797249	.0022167

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1098.270	34272.04	5932.751	1014.028	1346.111
Stddev	1.299	20.54	14.671	9.326	3.856
%RSD	.1182901	.0599392	.2472951	.9196687	.2864352

#1	1096.777	34257.17	5915.855	1004.174	1345.230
#2	1099.141	34295.48	5940.132	1022.716	1350.331
#3	1098.892	34263.47	5942.267	1015.194	1342.772

Sample Name: N4180-01 Acquired: 08/23/2022 17:47:14 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX7P6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0336155	.0052093	.1765000	-.009460	.0010153	19.75638	.1077638
Stddev	.0049486	.0016070	.0016246	.002328	.0025539	.01613	.0002759
%RSD	14.72118	30.84947	.9204395	24.61419	251.5283	.0816300	.2560417

#1	.0282515	.0041769	.1749155	-.006772	.0021505	19.77474	.1074711
#2	.0380032	.0070608	.1764227	-.010757	.0028048	19.74987	.1078012
#3	.0345918	.0043900	.1781619	-.010851	-.001909	19.74452	.1080192

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021661	.0020080	93.03217	.0391429	.0520562	.1515001	77.33083
Stddev	.0000602	.0001186	.22004	.0001614	.0003268	.0019905	.08260
%RSD	2.779186	5.905144	.2365191	.4122802	.6276976	1.313879	.1068106

#1	.0021848	.0019700	93.15968	.0389661	.0521748	.1537439	77.24365
#2	.0020988	.0021409	92.77809	.0392823	.0516867	.1499468	77.40792
#3	.0022147	.0019131	93.15874	.0391804	.0523070	.1508095	77.34093

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7672048	55.11211	.1081263	-.000855	.1095613	.0587569	1.010555
Stddev	.0039021	.13685	.0007512	.000171	.2775863	.0032297	.010524
%RSD	.5086129	.2483167	.6947013	19.94029	253.3616	5.496695	1.041455

#1	.7684511	55.20421	.1073977	-.001042	.3820772	.0609722	1.004344
#2	.7628318	54.95485	.1088981	-.000709	-.172832	.0550511	1.004614
#3	.7703315	55.17727	.1080833	-.000815	.119439	.0602474	1.022706

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.812705	1.432406	.1286124	.0521503	2.133917	3.298475	.0002686
Stddev	.007766	.011924	.0016080	.0011368	.004649	.009031	.0009800
%RSD	.4284106	.8324476	1.250240	2.179828	.2178468	.2737793	364.8691

#1	1.818712	1.418645	.1268154	.0508766	2.133553	3.305058	.0008900
#2	1.815467	1.439700	.1291062	.0530618	2.129461	3.302187	-.000861
#3	1.803936	1.438871	.1299155	.0525127	2.138737	3.288180	.000777

Sample Name: N4180-01 Acquired: 08/23/2022 17:47:14 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX7P6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4612816	.0218084	-.040869
Stddev	.0018944	.0007706	.000079
%RSD	.4106832	3.533583	.1921948

#1	.4591149	.0221780	-.040903
#2	.4626251	.0209226	-.040779
#3	.4621050	.0223247	-.040924

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	965.9167	30194.71	5147.923	893.9370	1357.880
Stddev	.7626	340.87	21.435	7.2966	1.261
%RSD	.0789481	1.128917	.4163766	.8162347	.0928679

#1	966.3506	30588.00	5138.671	902.3453	1357.082
#2	965.0362	29984.40	5132.669	890.1970	1359.334
#3	966.3634	30011.72	5172.430	889.2686	1357.225

Sample Name: N4180-02 Acquired: 08/23/2022 17:51:18 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX7P7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0298261	.0016605	1.791670	.0004076	.0018347	77.23644
Stddev	.0022565	.0011443	.004997	.0052460	.0011940	.61540
%RSD	7.565677	68.91148	.2789032	1287.089	65.08101	.7967753

#1	.0277806	.0023719	1.788921	-.004341	.0013188	77.94462
#2	.0322467	.0022691	1.788650	-.000476	.0031999	76.93310
#3	.0294509	.0003405	1.797438	.006039	.0009854	76.83160

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.069065	.0064607	.0114325	68.66911	.2395279	.0592952
Stddev	.005371	.0000059	.0001151	.29797	.0013933	.0002901
%RSD	.5023714	.0911989	1.006668	.4339257	.5816738	.4892056

#1	1.075265	.0064602	.0113589	68.98476	.2379299	.0589806
#2	1.065866	.0064550	.0115651	68.39271	.2401655	.0595521
#3	1.066063	.0064668	.0113735	68.62987	.2404883	.0593530

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5454485	80.84772	1.662765	17.64622	.3279253	.0011354
Stddev	.0085549	.44499	.004123	.09222	.0006933	.0003948
%RSD	1.568417	.5504081	.2479725	.5225810	.2114300	34.76687

#1	.5551269	81.35855	1.667033	17.74502	.3276307	.0015396
#2	.5388967	80.54421	1.658803	17.56243	.3274279	.0011159
#3	.5423218	80.64041	1.662460	17.63121	.3287173	.0007508

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4352644	.1591687	2.277248	6.393038	F 10.49665	.1760428
Stddev	.2935714	.0015198	.015650	.056127	.02449	.0014912
%RSD	67.44667	.9548029	.6872251	.8779414	.2333474	.8470417

#1	.1485386	.1580172	2.287506	6.419962	10.47573	.1773814
#2	.4220216	.1585975	2.285003	6.328521	10.49063	.1744356
#3	.7352331	.1608913	2.259235	6.430631	10.52359	.1763114

Sample Name: N4180-02 Acquired: 08/23/2022 17:51:18 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX7P7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0203584	20.09593	4.052337	.4032603	1.219851	.0809153
Stddev	.0006448	.01671	.076997	.0028528	.006128	.0014052
%RSD	3.167412	.0831479	1.900076	.7074352	.5023884	1.736662

#1	.0196667	20.10211	4.139827	.4061409	1.213044	.0793172
#2	.0209429	20.07701	3.994892	.4004361	1.221580	.0814710
#3	.0204658	20.10868	4.022290	.4032040	1.224930	.0819577

Elem	Sr4077
Units	ppm
Avg	.1054877
Stddev	.0004549
%RSD	.4312711

#1	.1054252
#2	.1050672
#3	.1059707

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1016.750	31757.26	5400.512	935.0659	1385.682
Stddev	1.957	48.74	26.714	2.5247	3.083
%RSD	.1924737	.1534893	.4946561	.2699992	.2224548

#1	1018.865	31803.45	5372.771	935.0219	1386.064
#2	1016.381	31762.02	5426.064	937.6123	1388.555
#3	1015.004	31706.31	5402.702	932.5635	1382.426

Sample Name: N4178-11DLX2 Acquired: 08/23/2022 17:55:17 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX7P5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0284966	.0031927	.0734298	-.003182	.0032872	13.76411	.0781417
Stddev	.0044424	.0054263	.0038905	.001283	.0024177	.06089	.0002266
%RSD	15.58931	169.9635	5.298319	40.30926	73.54927	.4423941	.2899223

#1	.0234322	.0027789	.0696624	-.002336	.0055975	13.82542	.0783567
#2	.0317350	.0088140	.0731941	-.002552	.0007748	13.76327	.0779051
#3	.0303226	-.002015	.0774328	-.004657	.0034893	13.70364	.0781632

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014372	.0007151	574.4319	.0265796	.0135941	.0500509	34.53612
Stddev	.0000468	.0000894	.9920	.0001117	.0002467	.0017761	.08043
%RSD	3.258578	12.50388	.1726882	.4200586	1.814866	3.548639	.2328890

#1	.0013979	.0006859	575.5624	.0264579	.0137211	.0497183	34.59873
#2	.0014890	.0006439	574.0267	.0266035	.0137515	.0484646	34.56422
#3	.0014247	.0008155	573.7067	.0266773	.0133098	.0519699	34.44540

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6141036	113.7329	.0475479	-.001021	.2118718	.0500485	.2708435
Stddev	.0023748	.2572	.0006479	.000110	.3136910	.0029953	.0026708
%RSD	.3867138	.2261317	1.362575	10.77541	148.0570	5.984850	.9861012

#1	.6141478	113.9374	.0478456	-.001111	.2965137	.0488472	.2706710
#2	.6117070	113.8172	.0468046	-.000898	-.135456	.0534580	.2682631
#3	.6164561	113.4441	.0479933	-.001054	.474557	.0478403	.2735963

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.332745	.6456614	.0586046	.0101654	2.063861	2.826360	.0112336
Stddev	.056647	.0019994	.0026812	.0003397	.015508	.017603	.0010933
%RSD	4.250364	.3096618	4.575127	3.341431	.7513932	.6228242	9.732538

#1	1.356161	.6449606	.0615453	.0101466	2.045954	2.837396	.0114790
#2	1.268145	.6479169	.0579727	.0105140	2.072831	2.835624	.0121833
#3	1.373930	.6441069	.0562957	.0098355	2.072798	2.806059	.0100384

Sample Name: N4178-11DLX2 Acquired: 08/23/2022 17:55:17 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EX7P5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2087359	.0177590	.1853519
Stddev	.0047886	.0009427	.0003725
%RSD	2.294115	5.308089	.2009940

#1	.2058800	.0179870	.1849375
#2	.2142643	.0185668	.1854592
#3	.2060634	.0167233	.1856590

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	894.6889	28516.79	4877.520	829.0324	1241.446
Stddev	2.1464	50.77	24.418	3.0640	1.598
%RSD	.2399032	.1780286	.5006307	.3695825	.1287013

#1	892.2414	28487.42	4858.998	828.0439	1241.107
#2	896.2507	28575.41	4868.371	832.4686	1243.186
#3	895.5745	28487.53	4905.192	826.5847	1240.045

Sample Name: N4180-03DLX4 Acquired: 08/23/2022 17:59:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX7P8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0108366	.0068246	.0299605	-.004954	.0033852	2.257053	.0203876
Stddev	.0013159	.0044999	.0008784	.006149	.0022685	.017202	.0005212
%RSD	12.14346	65.93683	2.931783	124.1273	67.01219	.7621507	2.556500

#1	.0121129	.0119711	.0289616	.000621	.0039546	2.237538	.0208938
#2	.0109127	.0036315	.0306122	-.011549	.0008863	2.270020	.0198526
#3	.0094843	.0048711	.0303078	-.003933	.0053148	2.263601	.0204165

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005257	.0005268	468.4504	.0066344	.0004773	.0118927	7.494926
Stddev	.0000609	.0000524	.9082	.0000612	.0002478	.0022147	.001582
%RSD	11.58695	9.941973	.1938832	.9219658	51.92441	18.62239	.0211112

#1	.0005738	.0005784	468.2068	.0065937	.0004321	.0102057	7.496610
#2	.0004572	.0005283	469.4556	.0067047	.0007445	.0110717	7.494697
#3	.0005462	.0004737	467.6887	.0066047	.0002551	.0144006	7.493471

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5668100	262.7305	.0091907	.0001689	.1363799	.0012754	.0495514
Stddev	.0025926	.7001	.0006835	.0002907	.1529592	.0034323	.0086301
%RSD	.4574096	.2664881	7.437190	172.0826	112.1567	269.1254	17.41654

#1	.5640262	262.3907	.0087996	.0003456	.1208640	.0040445	.0584539
#2	.5691556	263.5357	.0087924	.0003279	.2965058	-.002565	.0412223
#3	.5672483	262.2650	.0099799	-.000167	-.008230	.002346	.0489781

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1359980	.1440944	.0269775	.0001021	.5332271	1.063017	.0063572
Stddev	.0233594	.0041873	.0008479	.0005334	.0046312	.013182	.0020275
%RSD	17.17624	2.905943	3.143000	522.6327	.8685183	1.240008	31.89244

#1	.1394640	.1471788	.0266552	-.000256	.5372710	1.055613	.0080537
#2	.1110993	.1393275	.0263380	.000715	.5281748	1.078236	.0069060
#3	.1574307	.1457768	.0279393	-.000153	.5342354	1.055202	.0041118

Sample Name: N4180-03DLX4 Acquired: 08/23/2022 17:59:22 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EX7P8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0488082	.0067448	.1199838
Stddev	.0007596	.0016070	.0001433
%RSD	1.556299	23.82552	.1194441

#1	.0496848	.0061668	.1201174
#2	.0483457	.0085608	.1200015
#3	.0483939	.0055068	.1198324

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	880.1038	28231.39	4778.525	821.5281	1224.296
Stddev	1.9017	84.53	5.939	9.6922	3.953
%RSD	.2160776	.2994077	.1242915	1.179779	.3228805

#1	878.1071	28236.04	4783.813	810.9416	1223.825
#2	880.3107	28313.50	4772.099	829.9651	1220.600
#3	881.8936	28144.64	4779.663	823.6776	1228.464

Sample Name: N4212-05DLX2 Acquired: 08/23/2022 18:03:27 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: BGC48 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0353834	.0059676	.4349340	-.002530	.0017519	32.01043	.6177702
Stddev	.0076545	.0040227	.0053987	.003813	.0044121	.08430	.0021920
%RSD	21.63308	67.40958	1.241265	150.7368	251.8510	.2633466	.3548179

#1	.0352804	.0013234	.4411455	.001864	.0068223	32.03315	.6194341
#2	.0430889	.0083660	.4322852	-.004981	-.000353	31.91710	.6152865
#3	.0277809	.0082134	.4313713	-.004472	-.001214	32.08104	.6185900

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049113	.0020594	637.2222	.0746929	.0227191	.1666934	79.76989
Stddev	.0000314	.0001608	1.7480	.0009686	.0003420	.0030948	.10788
%RSD	.6396815	7.806374	.2743093	1.296749	1.505360	1.856584	.1352443

#1	.0049448	.0021621	638.4618	.0752051	.0229211	.1667489	79.88916
#2	.0048825	.0018741	635.2230	.0735758	.0229119	.1635712	79.67910
#3	.0049066	.0021419	637.9820	.0752979	.0223242	.1697600	79.74142

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.724457	304.3457	.0794010	-.000615	.6298038	.0512641	.4848106
Stddev	.022779	.9977	.0012855	.000311	.1462771	.0025479	.0114989
%RSD	.3387545	.3278094	1.618983	50.47332	23.22583	4.970129	2.371834

#1	6.747016	304.9305	.0803936	-.000707	.4630097	.0501014	.4969306
#2	6.701463	303.1937	.0779489	-.000870	.7362619	.0541859	.4740545
#3	6.724892	304.9127	.0798605	-.000269	.6901397	.0495050	.4834465

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.121028	3.494573	.1527296	.0034667	5.322552	2.470479	.0319937
Stddev	.025528	.018874	.0005691	.0009785	.023049	.004567	.0038582
%RSD	.8179396	.5400873	.3726448	28.22555	.4330428	.1848736	12.05927

#1	3.150029	3.479968	.1521448	.0027301	5.315112	2.470287	.0358516
#2	3.101958	3.487867	.1532817	.0045769	5.304142	2.475139	.0319943
#3	3.111097	3.515884	.1527623	.0030929	5.348402	2.466011	.0281352

Sample Name: N4212-05DLX2 Acquired: 08/23/2022 18:03:27 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: BGC48 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3722698	.0634696	.4389562
Stddev	.0035213	.0017642	.0012757
%RSD	.9459075	2.779568	.2906194

#1	.3726820	.0654147	.4403771
#2	.3755668	.0630212	.4385819
#3	.3685604	.0619728	.4379095

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	915.5561	29629.45	5051.709	859.3977	1186.839
Stddev	.9605	172.09	14.588	5.8410	.657
%RSD	.1049100	.5808240	.2887766	.6796574	.0553807

#1	914.4530	29500.80	5043.947	852.6643	1187.338
#2	916.0083	29562.61	5068.537	862.4275	1187.085
#3	916.2071	29824.94	5042.642	863.1012	1186.094

Sample Name: CCV004 Acquired: 08/23/2022 18:20:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV004 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.952928	5.077018	25.38670	4.812178	4.995412	390.8028	10.31560
Stddev	.029340	.004502	.02936	.020317	.014071	1.9977	.06307
%RSD	.5923732	.0886820	.1156358	.4221990	.2816864	.5111676	.6113823

#1	4.984268	5.079333	25.38058	4.829576	5.006312	392.9139	10.38372
#2	4.926115	5.071830	25.36088	4.817109	4.979527	388.9422	10.25925
#3	4.948401	5.079893	25.41863	4.789850	5.000397	390.5523	10.30384

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5075100	2.528452	404.8639	15.63042	2.541518	14.97570	398.0551
Stddev	.0019593	.000992	1.7834	.02864	.000439	.04175	1.4357
%RSD	.3860515	.0392407	.4404860	.1832438	.0172923	.2787706	.3606784

#1	.5082961	2.527434	406.6756	15.60270	2.541272	15.02335	399.7127
#2	.5052798	2.529417	403.1102	15.62865	2.541257	14.95818	397.2489
#3	.5089542	2.528506	404.8058	15.65990	2.542026	14.94557	397.2037

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.92523	394.4868	2.556960	1.316371	392.9010	2.492385	14.35963
Stddev	.06596	1.8787	.008019	.002909	.6546	.017368	.06224
%RSD	.4419672	.4762312	.3136126	.2210185	.1666156	.6968566	.4334204

#1	14.98573	396.4572	2.550568	1.313259	393.5177	2.503438	14.42820
#2	14.85490	392.7158	2.554353	1.319023	392.2141	2.472366	14.34400
#3	14.93505	394.2873	2.565958	1.316832	392.9712	2.501351	14.30670

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	154.4840	5.311399	5.478734	4.970244	5.140072	5.084519	5.137303
Stddev	.6473	.031825	.025104	.011748	.010568	.024473	.015843
%RSD	.4189991	.5991923	.4582080	.2363718	.2056030	.4813317	.3083830

#1	155.1809	5.345487	5.501213	4.979704	5.146207	5.109157	5.144605
#2	153.9016	5.306246	5.451644	4.957094	5.146139	5.060214	5.119126
#3	154.3695	5.282464	5.483345	4.973935	5.127869	5.084185	5.148178

Sample Name: CCV004 Acquired: 08/23/2022 18:20:52 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV004 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.143310	5.211796	4.898189
Stddev	.023800	.018004	.015206
%RSD	.4627373	.3454530	.3104483

#1	5.167002	5.229653	4.895240
#2	5.119403	5.193648	4.884673
#3	5.143524	5.212087	4.914654

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	776.6819	26719.35	4602.574	739.4016	1120.053
Stddev	1.2684	91.16	15.229	1.6234	.752
%RSD	.1633102	.3411730	.3308724	.2195582	.0671106

#1	775.5761	26824.21	4596.543	738.4070	1120.003
#2	778.0665	26674.87	4619.894	741.2750	1120.828
#3	776.4030	26658.96	4591.284	738.5230	1119.327

Sample Name: CCB004 Acquired: 08/23/2022 18:24:51 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB004 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009689	-.000977	.0015152	.0003584	-.000068	.0147606	-.000542
Stddev	.0024263	.002707	.0015566	.0003038	.000586	.0070689	.000325
%RSD	250.4179	277.1804	102.7343	84.78294	858.6427	47.89059	59.96092

#1	.0036490	-.000288	.0032922	.0005059	.000600	.0183820	-.000249
#2	.0003356	-.003961	.0003923	.0005603	-.000310	.0192851	-.000891
#3	-.001078	.001319	.0008611	.0000089	-.000495	.0066148	-.000486

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000528	.0001101	.0267696	.0006074	-.000014	-.002701	.0253553
Stddev	.0000841	.0000231	.0125717	.0001010	.000291	.002565	.0046091
%RSD	159.1606	20.98950	46.96243	16.62245	2020.140	94.94608	18.17805

#1	-.000011	.0001142	.0386570	.0005960	-.000059	-.005651	.0302353
#2	.000148	.0000852	.0280413	.0007136	-.000280	-.001449	.0247547
#3	.000021	.0001308	.0136104	.0005126	.000296	-.001003	.0210760

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018510	.0245300	.0005191	.0000553	-.076810	-.000890	.0024252
Stddev	.0007953	.0264341	.0002035	.0003581	.162469	.002067	.0030019
%RSD	42.96537	107.7623	39.20759	648.1142	211.5216	232.2902	123.7816

#1	.0016398	.0477153	.0006353	.0004422	.030935	-.000578	-.000322
#2	.0027305	.0301302	.0002841	-.000012	.002319	.001004	.001968
#3	.0011826	-.004255	.0006378	-.000265	-.263683	-.003095	.005629

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0413050	-.001899	.0047967	.0000436	.0016395	-.002332	-.000576
Stddev	.0029528	.002560	.0008483	.0005146	.0069111	.001358	.001219
%RSD	7.148651	134.8144	17.68552	1181.274	421.5335	58.25160	211.6518

#1	.0379419	-.000250	.0050215	-.000538	.0091277	-.002055	-.000986
#2	.0425006	-.000599	.0055100	.000230	.0002847	-.001133	.000795
#3	.0434724	-.004848	.0038586	.000439	-.004494	-.003807	-.001537

Sample Name: CCB004 Acquired: 08/23/2022 18:24:51 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v114) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB004 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0002143	.0028057	.0002581
Stddev	.0013394	.0007569	.0000113
%RSD	625.0313	26.97815	4.367331

#1	-.001243	.0032736	.0002634
#2	.000495	.0019324	.0002452
#3	.001391	.0032110	.0002658

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	940.9968	28681.74	4857.010	856.3000	1385.659
Stddev	.1961	115.41	17.821	4.3179	2.264
%RSD	.0208398	.4023925	.3669085	.5042463	.1633837

#1	940.8779	28706.97	4877.320	855.6925	1383.422
#2	941.2232	28782.46	4843.990	860.8895	1385.606
#3	940.8894	28555.81	4849.720	852.3181	1387.949