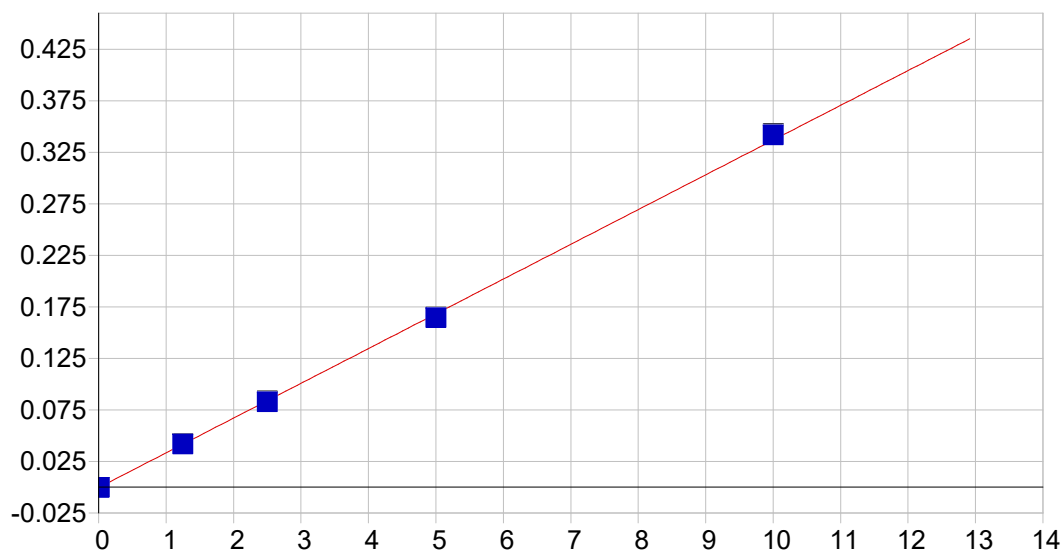


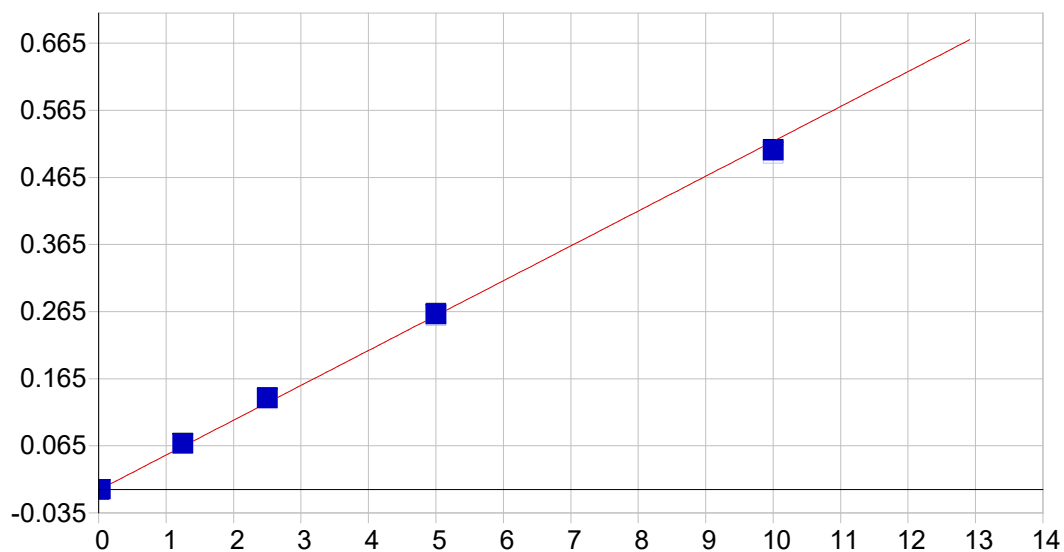


As 189.042 {479}

Date of Fit: 10/20/2021 12:52:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000370	Re-Slope:	1.000000
A1 (Gain):	0.033721	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999858	Status:	OK.
Std Error of Est:	0.000010		
Predicted MDL:	0.007196		
Predicted MQL:	0.023988		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00037	.000	1
S1	.01000	.00959	-.000	-4.11	-.00005	.000	1
S2	1.2500	1.2522	.002	.172	.04196	.000	1
S3	2.5000	2.4690	-.031	-1.24	.08311	.001	1
S4	5.0000	4.8822	-.118	-2.36	.16470	.000	1
S5	10.000	10.147	.147	1.47	.34267	.001	1

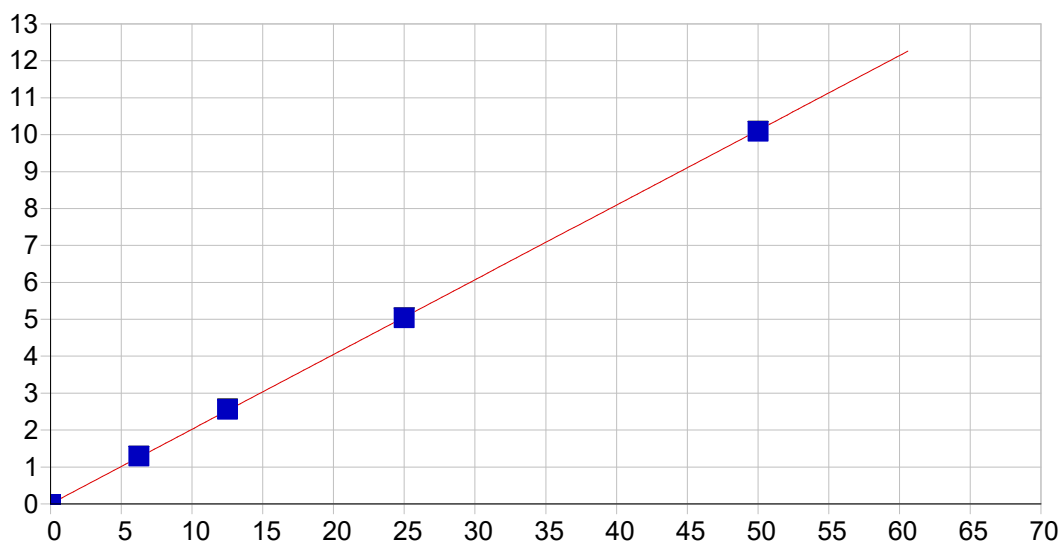


TI 190.856 {477}

Date of Fit: 10/20/2021 12:52:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000808 Re-Slope: 1.000000
 A1 (Gain): 0.051964 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999470 Status: OK.
 Std Error of Est: 0.000044
 Predicted MDL: 0.004684
 Predicted MQL: 0.015613

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00081	.000	1
S1	.02500	.02428	-.001	-2.89	.00039	.000	1
S2	1.2500	1.3326	.083	6.61	.06785	.000	1
S3	2.5000	2.6343	.134	5.37	.13490	.001	1
S4	5.0000	5.0396	.040	.791	.25870	.001	1
S5	10.000	9.7442	-.256	-2.56	.50081	.001	1

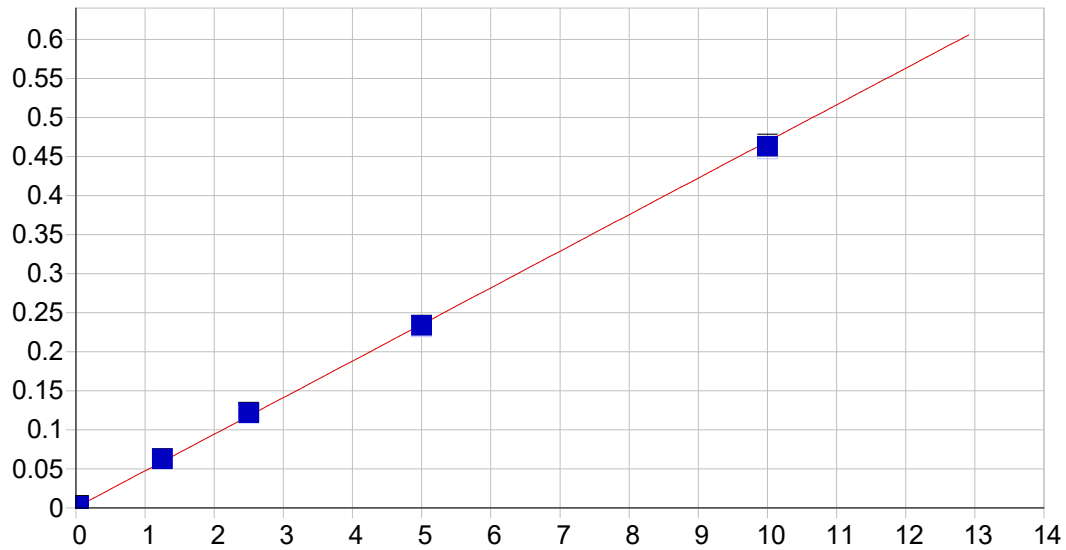


Pb 220.353 {453}

Date of Fit: 10/20/2021 12:52:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000765 Re-Slope: 1.000000
 A1 (Gain): 0.202322 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999971 Status: OK.
 Std Error of Est: 0.000058
 Predicted MDL: 0.002455
 Predicted MQL: 0.008183

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00076	.000	1
S1	.01000	.01214	.002	21.4	.00322	.001	1
S2	6.2500	6.3682	.118	1.89	1.2899	.004	1
S3	12.500	12.651	.151	1.21	2.5618	.009	1
S4	25.000	24.889	-.111	-.442	5.0393	.008	1
S5	50.000	49.839	-.161	-.322	10.090	.005	1

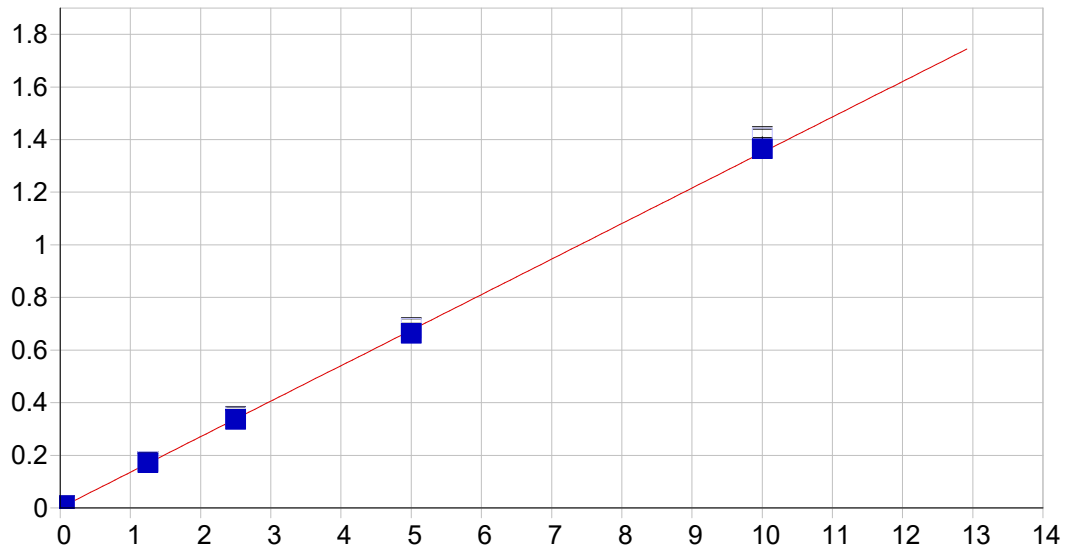


Se 196.090 {472}

Date of Fit: 10/20/2021 12:52:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000639 Re-Slope: 1.000000
 A1 (Gain): 0.046855 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999706 Status: OK.
 Std Error of Est: 0.000035
 Predicted MDL: 0.006151
 Predicted MQL: 0.020504

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00064	.000	1
S1	.03500	.04160	.007	18.9	.00259	.000	1
S2	1.2500	1.3262	.076	6.09	.06235	.000	1
S3	2.5000	2.5859	.086	3.44	.12095	.001	1
S4	5.0000	4.9671	-.033	-.659	.23167	.001	1
S5	10.000	9.8642	-.136	-1.36	.45943	.003	1

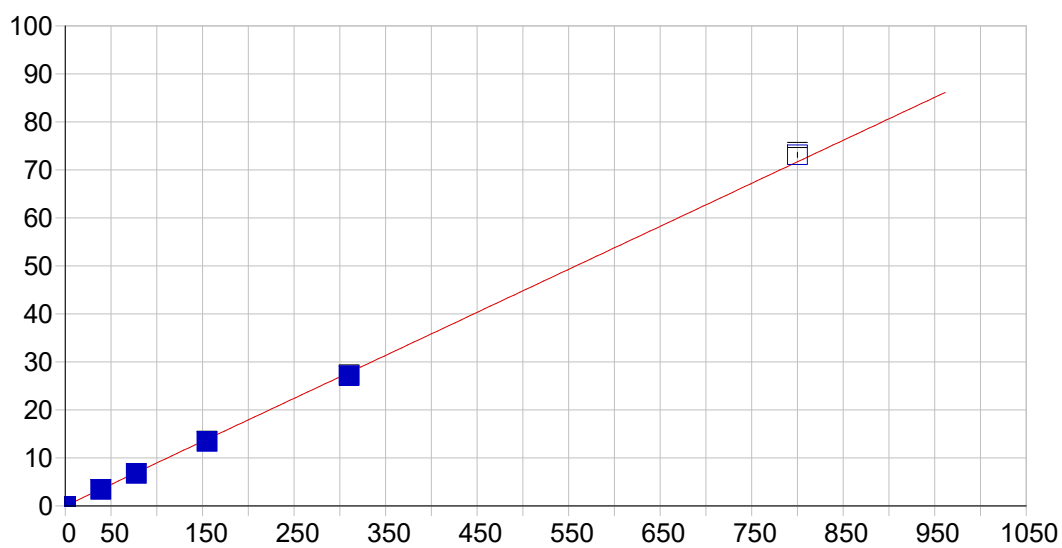


Sb 206.833 {463}

Date of Fit: 10/20/2021 12:52:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000608	Re-Slope:	1.000000
A1 (Gain):	0.135017	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999915	Status:	OK.
Std Error of Est:	0.000075		
Predicted MDL:	0.002699		
Predicted MQL:	0.008998		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00061	.000	1
S1	.06000	.06049	.000	.809	.00877	.000	1
S2	1.2500	1.2618	.012	.943	.17612	.000	1
S3	2.5000	2.4789	-.021	-.843	.34561	.002	1
S4	5.0000	4.9012	-.099	-1.98	.68296	.002	1
S5	10.000	10.108	.108	1.08	1.4065	.004	1

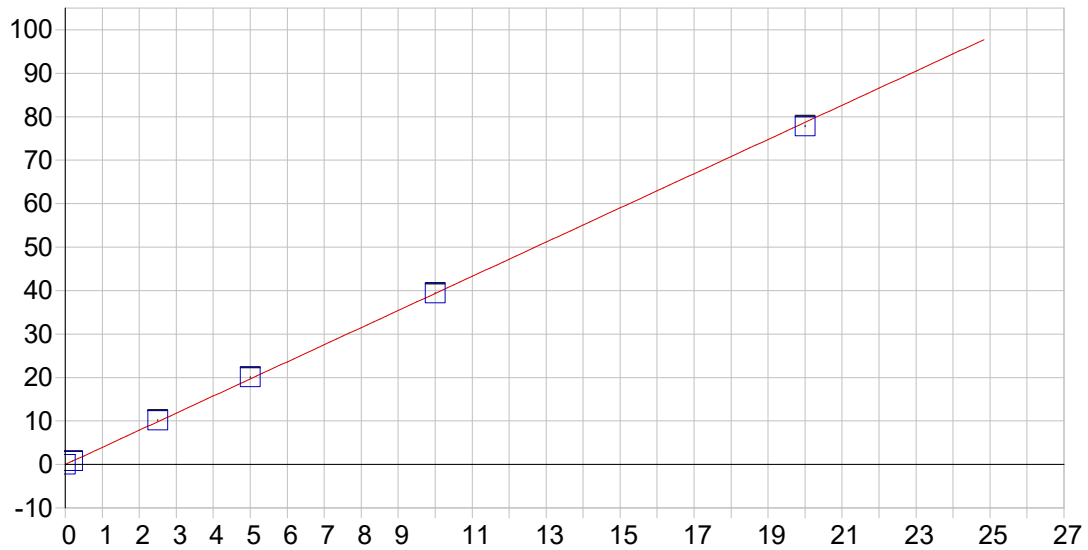


AI 396.152 { 85}

Date of Fit: 10/20/2021 12:52:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001818 Re-Slope: 1.000000
 A1 (Gain): 0.089604 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999712 Status: OK.
 Std Error of Est: 0.001339
 Predicted MDL: 0.010181
 Predicted MQL: 0.033936

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00182	.001	1
S1	.20000	.20327	.003	1.64	.02006	.001	1
S2	38.750	38.017	-.733	-1.89	3.4119	.014	1
S3	77.500	74.895	-2.60	-3.36	6.7200	.010	1
S4	155.00	149.41	-5.59	-3.61	13.404	.067	1
S5	310.00	302.78	-7.22	-2.33	27.162	.110	1
S6	800.00	816.16	16.2	2.02	73.133	.523	1

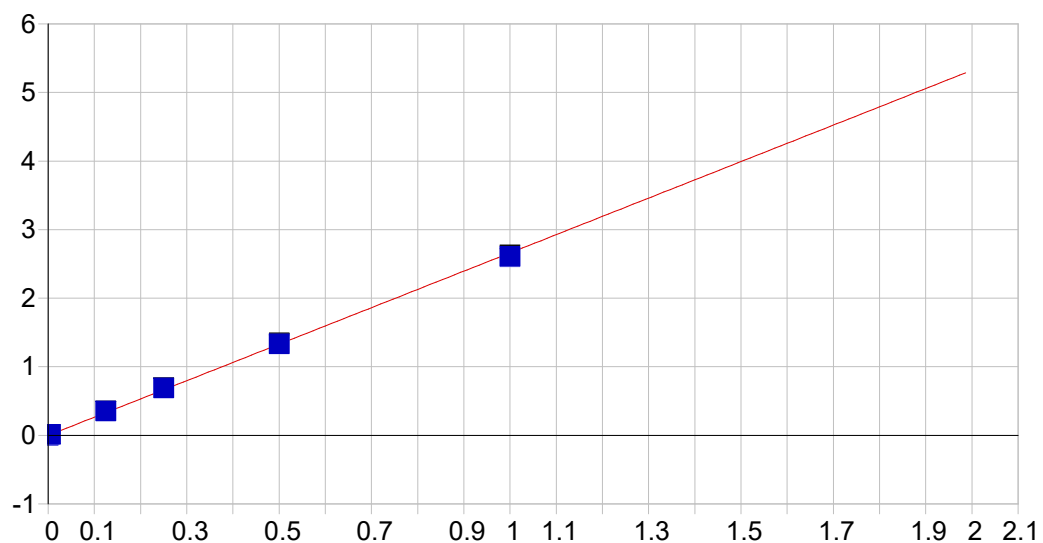


Ba 493.409 { 68}

Date of Fit: 10/20/2021 12:52:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.004012 Re-Slope: 1.000000
 A1 (Gain): 3.935468 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999890 Status: OK.
 Std Error of Est: 0.006191
 Predicted MDL: 0.000722
 Predicted MQL: 0.002408

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00406	.001	1
S1	.20000	.20090	.001	.449	.78661	.002	1
S2	2.5000	2.5952	.095	3.81	10.209	.075	1
S3	5.0000	5.1081	.108	2.16	20.099	.108	1
S4	10.000	10.009	.009	.093	39.387	.143	1
S5	20.000	19.786	-.214	-1.07	77.865	.195	1

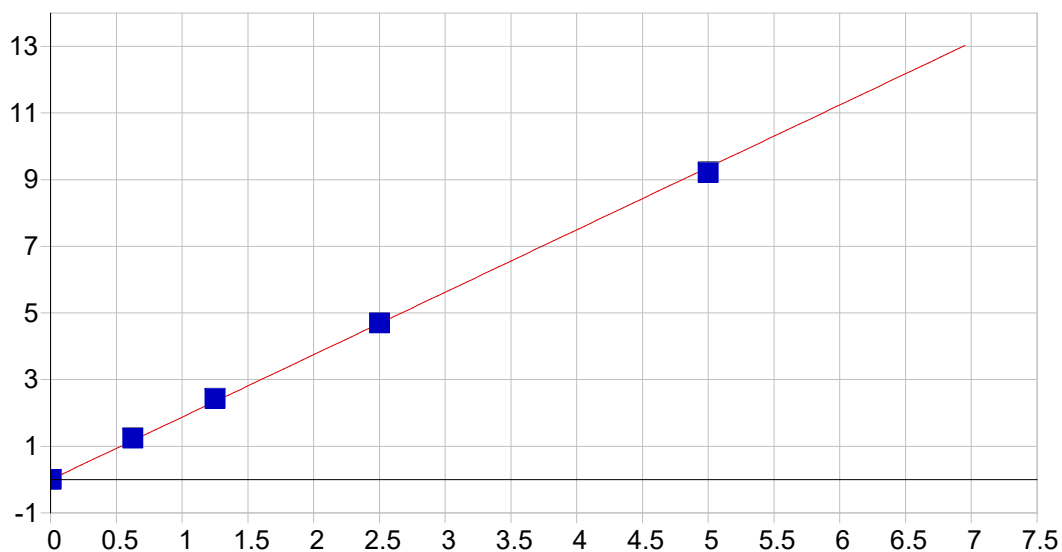


Be 234.861 {144}

Date of Fit: 10/20/2021 12:52:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.002001	Re-Slope:	1.000000
A1 (Gain):	2.662651	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999609	Status:	OK.
Std Error of Est:	0.000279		
Predicted MDL:	0.000120		
Predicted MQL:	0.000400		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00200	.000	1
S1	.00500	.00557	.001	11.3	.01281	.000	1
S2	.12500	.13315	.008	6.52	.35168	.002	1
S3	.25000	.26044	.010	4.17	.68973	.002	1
S4	.50000	.50148	.001	.295	1.3298	.012	1
S5	1.0000	.97937	-.021	-2.06	2.5988	.024	1

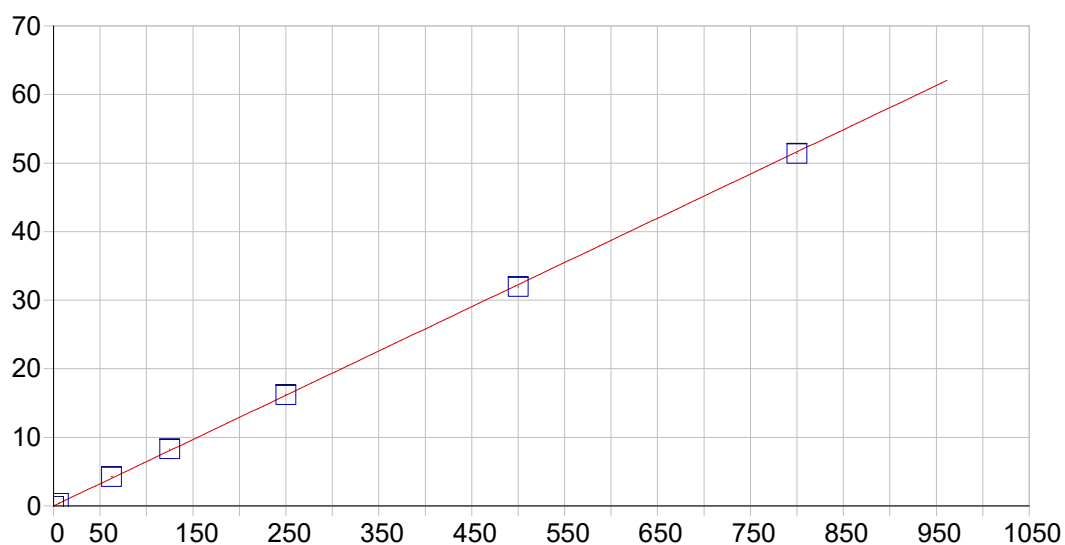


Cd 214.438 {457}

Date of Fit: 10/20/2021 12:52:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000292 Re-Slope: 1.000000
 A1 (Gain): 1.873789 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999708 Status: OK.
 Std Error of Est: 0.000381
 Predicted MDL: 0.000164
 Predicted MQL: 0.000547

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00029	.000	1
S1	.00500	.00555	.001	11.0	.01070	.000	1
S2	.02500	.06227	.037	5.96	1.2436	.004	1
S3	.12500	1.2962	.046	3.69	2.4337	.007	1
S4	.25000	2.5030	.003	.119	4.6996	.008	1
S5	.50000	4.9130	-.087	-1.74	9.2248	.013	1

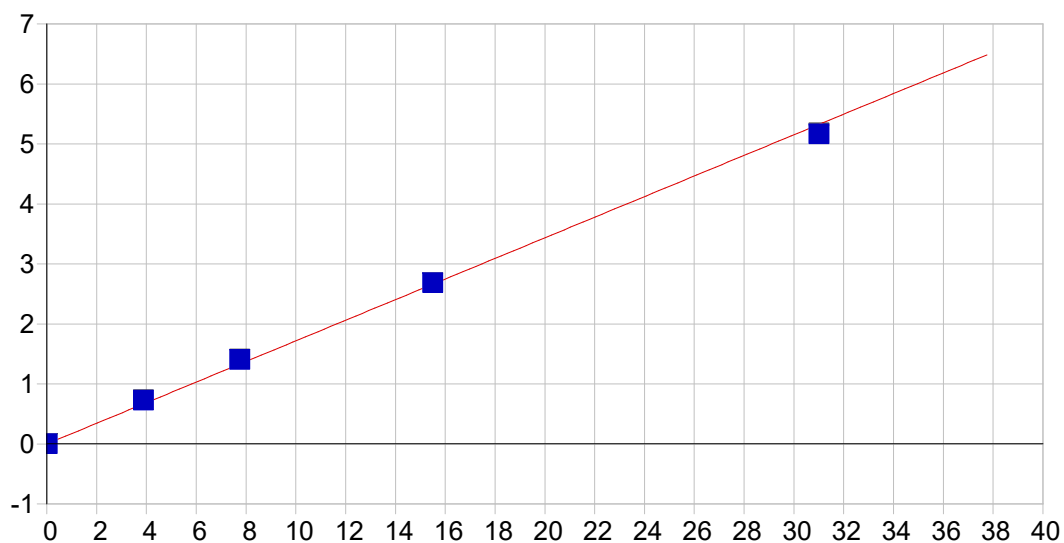


Ca 373.690 { 90}

Date of Fit: 10/20/2021 12:52:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000784 Re-Slope: 1.000000
 A1 (Gain): 0.064539 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999882 Status: OK.
 Std Error of Est: 0.003459
 Predicted MDL: 0.013628
 Predicted MQL: 0.045428

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00083	-.001	.000	.00073	.000	1
S1	5.0000	5.4592	.459	9.18	.35312	.001	1
S2	62.500	66.002	3.50	5.60	4.2605	.009	1
S3	125.00	128.63	3.63	2.90	8.3022	.023	1
S4	250.00	250.93	.928	.371	16.195	.027	1
S5	500.00	495.18	-4.82	-.965	31.959	.030	1
S6	800.00	796.31	-3.69	-.461	51.394	.027	1

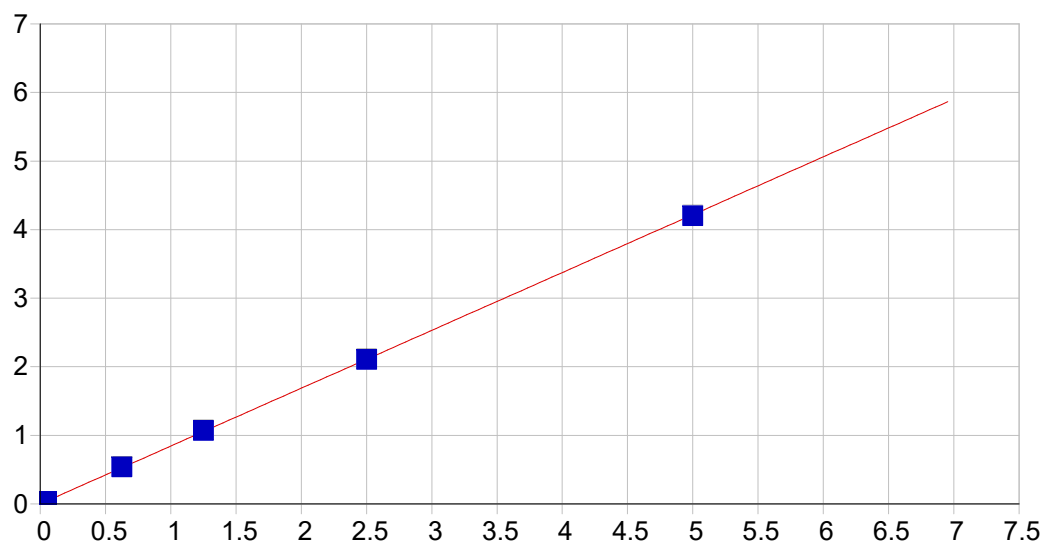


Cr 267.716 {126}

Date of Fit: 10/20/2021 12:52:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000002 Re-Slope: 1.000000
 A1 (Gain): 0.171738 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999238 Status: OK.
 Std Error of Est: 0.000198
 Predicted MDL: 0.000659
 Predicted MQL: 0.002196

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00000	.000	1
S1	.01000	.01192	.002	19.2	.00204	.000	1
S2	3.8750	4.2405	.366	9.43	.72845	.002	1
S3	7.7500	8.1858	.436	5.62	1.4062	.002	1
S4	15.500	15.633	.133	.861	2.6856	.004	1
S5	31.000	30.063	-.937	-3.02	5.1645	.015	1

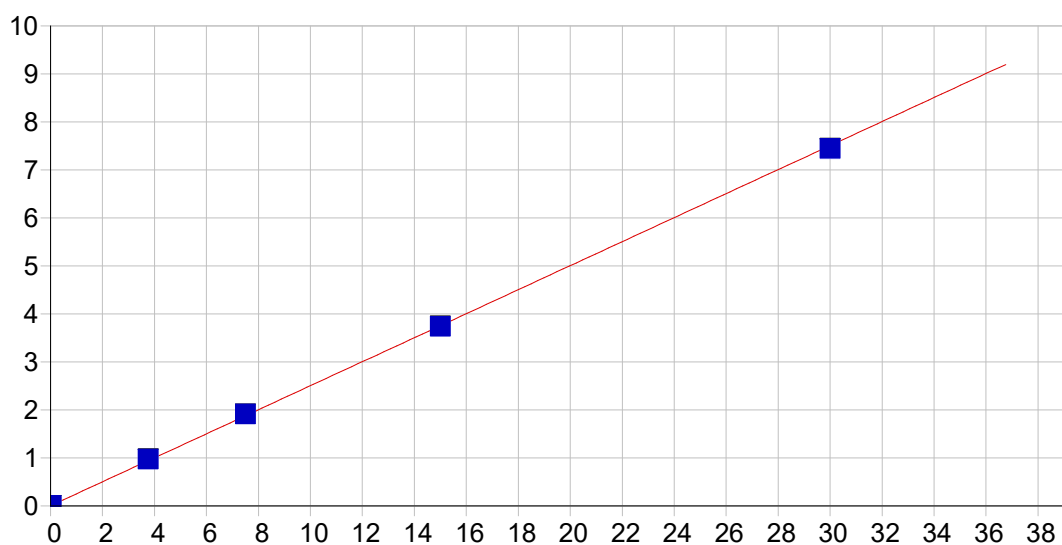


Co 228.616 {448}

Date of Fit: 10/20/2021 12:52:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000429 Re-Slope: 1.000000
 A1 (Gain): 0.843475 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999969 Status: OK.
 Std Error of Est: 0.000177
 Predicted MDL: 0.000409
 Predicted MQL: 0.001363

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00043	.000	1
S1	.05000	.05131	.001	2.63	.04385	.000	1
S2	.62500	.63759	.013	2.01	.53901	.002	1
S3	1.2500	1.2650	.015	1.20	1.0690	.004	1
S4	2.5000	2.4935	-.006	-.259	2.1068	.005	1
S5	5.0000	4.9776	-.022	-.449	4.2052	.004	1

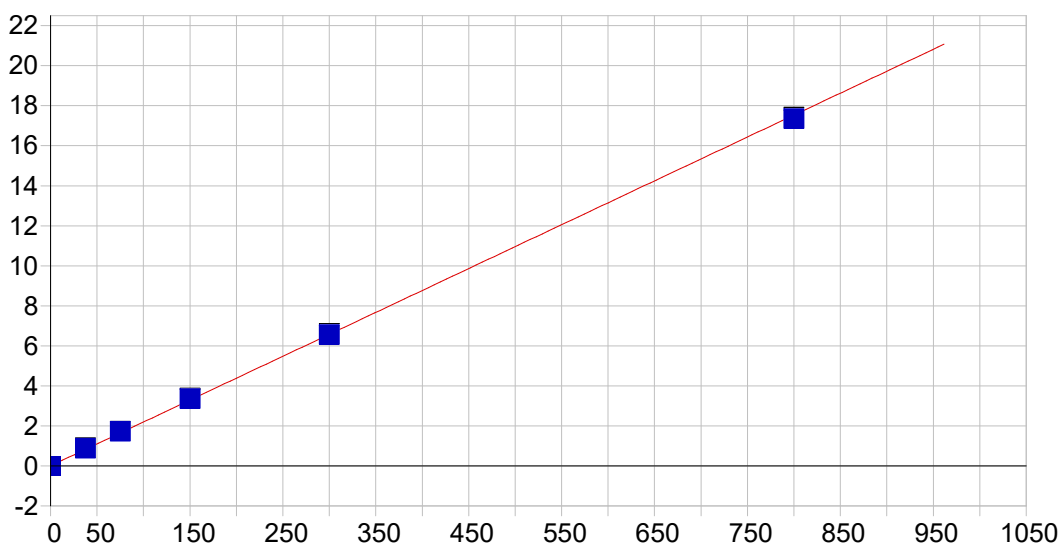


Cu 324.754 {104}

Date of Fit: 10/20/2021 12:52:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001997 Re-Slope: 1.000000
 A1 (Gain): 0.250155 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999908 Status: OK.
 Std Error of Est: 0.000155
 Predicted MDL: 0.002275
 Predicted MQL: 0.007584

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00200	.000	1
S1	.02500	.02676	.002	7.04	.00868	.000	1
S2	3.7500	3.8915	.142	3.77	.97422	.002	1
S3	7.5000	7.6438	.144	1.92	1.9116	.002	1
S4	15.000	14.954	-.046	-.305	3.7378	.006	1
S5	30.000	29.759	-.241	-.805	7.4361	.008	1

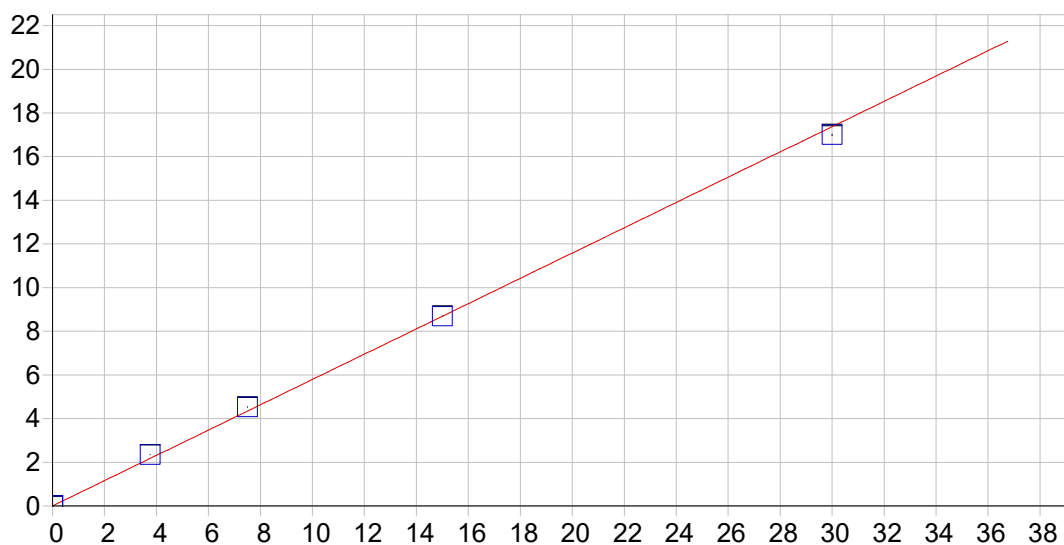


Fe 259.837 {130}

Date of Fit: 10/20/2021 12:52:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000019	Re-Slope:	1.000000
A1 (Gain):	0.021914	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999806	Status:	OK.
Std Error of Est:	0.000189		
Predicted MDL:	0.011241		
Predicted MQL:	0.037471		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00002	.000	1
S1	.10000	.10854	.009	8.54	.00240	.000	1
S2	37.500	40.371	2.87	7.66	.88568	.009	1
S3	75.000	78.428	3.43	4.57	1.7207	.011	1
S4	150.00	152.98	2.98	1.99	3.3564	.028	1
S5	300.00	299.32	-.676	-.225	6.5672	.054	1
S6	800.00	791.38	-8.62	-1.08	17.355	.078	1

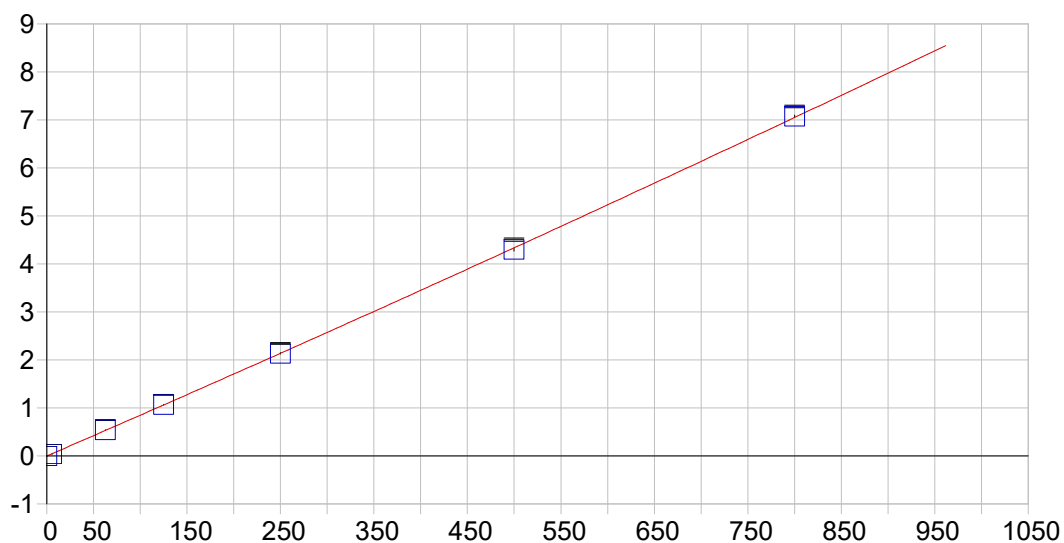


Mn 257.610 {131}

Date of Fit: 10/20/2021 12:52:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000348 Re-Slope: 1.000000
 A1 (Gain): 0.579113 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999524 Status: OK.
 Std Error of Est: 0.000636
 Predicted MDL: 0.000502
 Predicted MQL: 0.001673

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00035	.000	1
S1	.01500	.01703	.002	13.6	.01021	.000	1
S2	3.7500	4.0610	.311	8.29	2.3521	.007	1
S3	7.5000	7.8222	.322	4.30	4.5303	.010	1
S4	15.000	15.006	.006	.040	8.6905	.020	1
S5	30.000	29.359	-.641	-2.14	17.002	.037	1

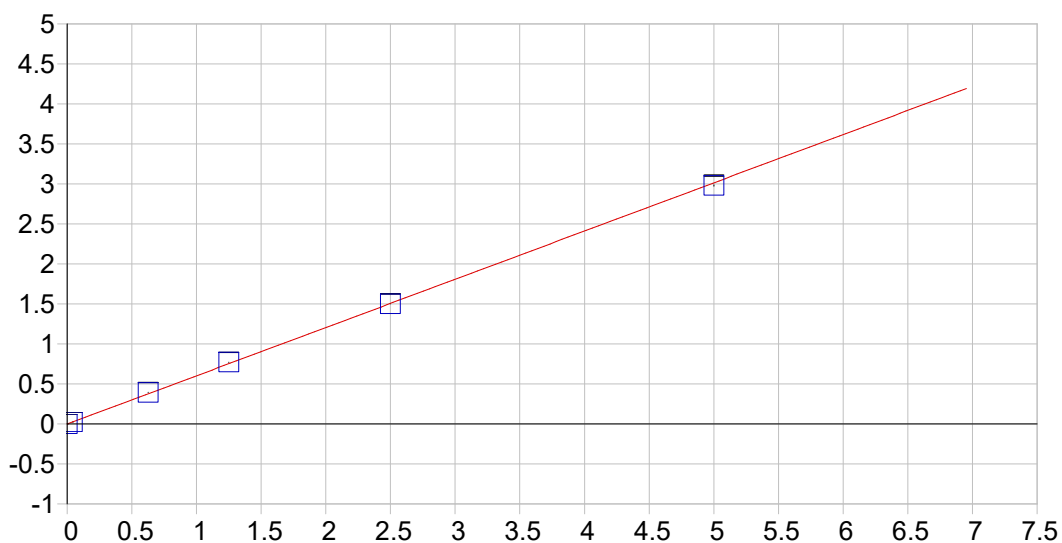


Mg 279.079 {121}

Date of Fit: 10/20/2021 12:52:22 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): -0.000362 Re-Slope: 1.000000
 A1 (Gain): 0.008435 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999979 Status: Warning Positive Curvature
 Std Error of Est: 0.000222
 Predicted MDL: 0.034733
 Predicted MQL: 0.115776

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00024	-.000	.000	-.00036	.000	1
S1	5.0000	5.1460	.146	2.92	.04306	.000	1
S2	62.500	63.806	1.31	2.09	.53977	.005	1
S3	125.00	125.47	.466	.372	1.0654	.008	1
S4	250.00	249.81	-.195	-.078	2.1363	.019	1
S5	500.00	495.91	-4.09	-.817	4.2990	.035	1
S6	800.00	802.37	2.37	.296	7.0722	.028	1

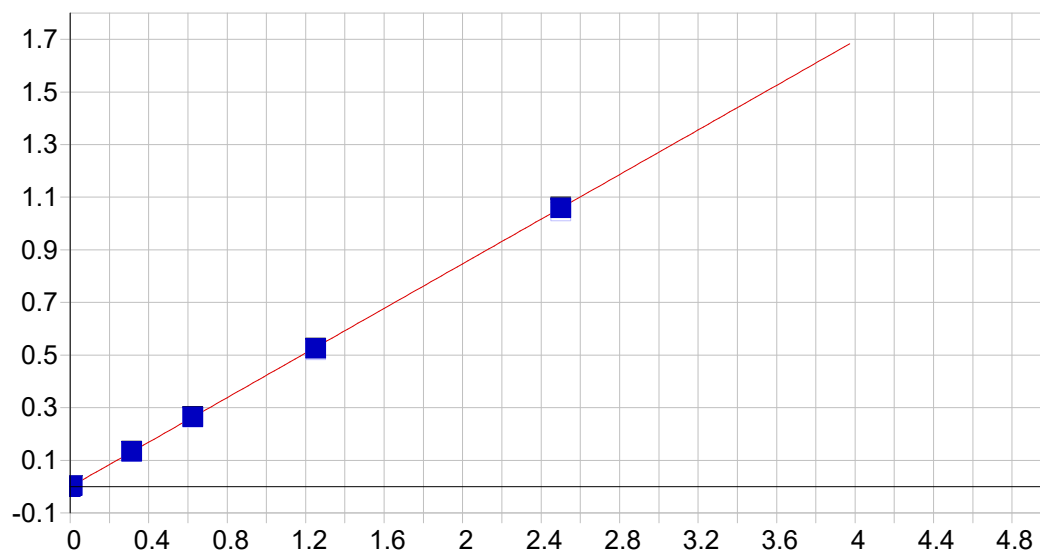


Ni 231.604 {446}

Date of Fit: 10/20/2021 12:52:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001521 Re-Slope: 1.000000
 A1 (Gain): 0.603048 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999848 Status: OK.
 Std Error of Est: 0.000250
 Predicted MDL: 0.000652
 Predicted MQL: 0.002172

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00152	.000	1
S1	.04000	.04286	.003	7.15	.02433	.000	1
S2	.62500	.65360	.029	4.58	.39263	.002	1
S3	1.2500	1.2804	.030	2.43	.77063	.003	1
S4	2.5000	2.4927	-.007	-.294	1.5017	.003	1
S5	5.0000	4.9455	-.055	-1.09	2.9808	.008	1

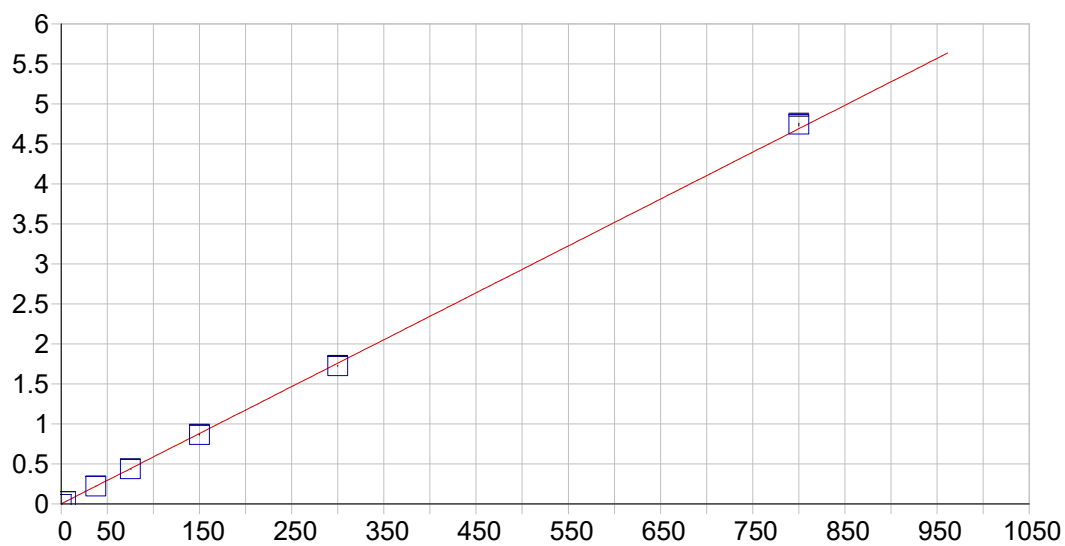


Ag 328.068 {103}

Date of Fit: 10/20/2021 12:52:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000973	Re-Slope:	1.000000
A1 (Gain):	0.423961	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999973	Status:	OK.
Std Error of Est:	0.000026		
Predicted MDL:	0.000467		
Predicted MQL:	0.001557		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00097	.000	1
S1	.01000	.01085	.001	8.47	.00360	.000	1
S2	.31250	.31778	.005	1.69	.13234	.000	1
S3	.62500	.62849	.003	.558	.26266	.001	1
S4	1.2500	1.2409	-.009	-.726	.51950	.002	1
S5	2.5000	2.4995	-.001	-.022	1.0474	.004	1

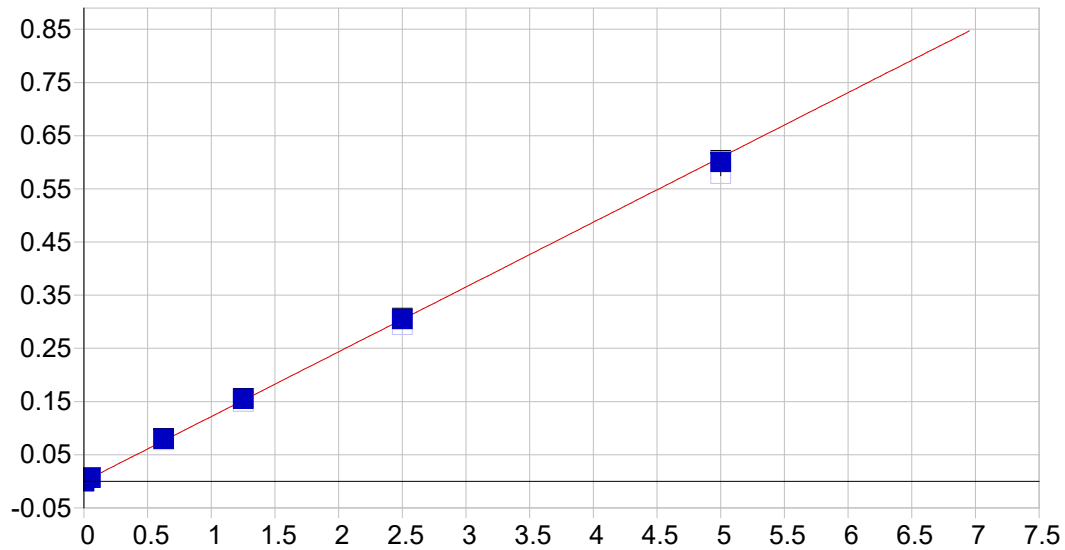


Na 818.326 { 41}

Date of Fit: 10/20/2021 12:52:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.001549	Re-Slope:	1.000000
A1 (Gain):	0.005860	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999903	Status:	OK.
Std Error of Est:	0.000252		
Predicted MDL:	0.280833		
Predicted MQL:	0.936109		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00024	.000	.000	.00155	.000	1
S1	5.0000	4.9429	-.057	-1.14	.03052	.001	1
S2	37.500	37.426	-.074	-.196	.22087	.001	1
S3	75.000	74.239	-.761	-1.01	.43661	.001	1
S4	150.00	147.50	-2.50	-1.67	.86592	.004	1
S5	300.00	294.26	-5.74	-1.91	1.7260	.006	1
S6	800.00	809.13	9.13	1.14	4.7432	.018	1

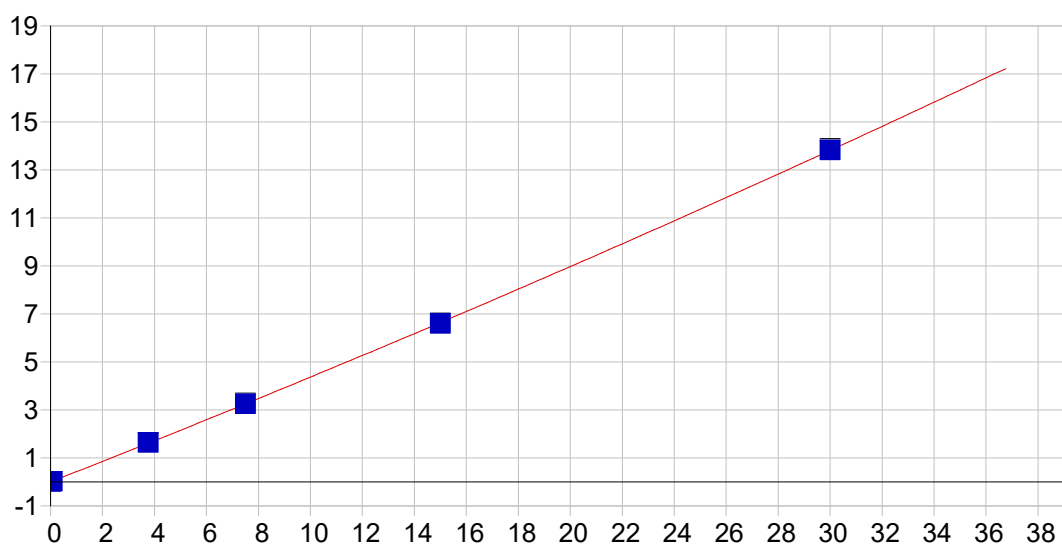


V 292.402 {115}

Date of Fit: 10/20/2021 12:52:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000051 Re-Slope: 1.000000
 A1 (Gain): 0.121841 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999786 Status: OK.
 Std Error of Est: 0.000065
 Predicted MDL: 0.003354
 Predicted MQL: 0.011179

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00005	.000	1
S1	.05000	.05437	.004	8.74	.00656	.000	1
S2	.62500	.65871	.034	5.39	.07741	.001	1
S3	1.2500	1.2758	.026	2.07	.14979	.000	1
S4	2.5000	2.5066	.007	.263	.29414	.002	1
S5	5.0000	4.9294	-.071	-1.41	.57813	.003	1

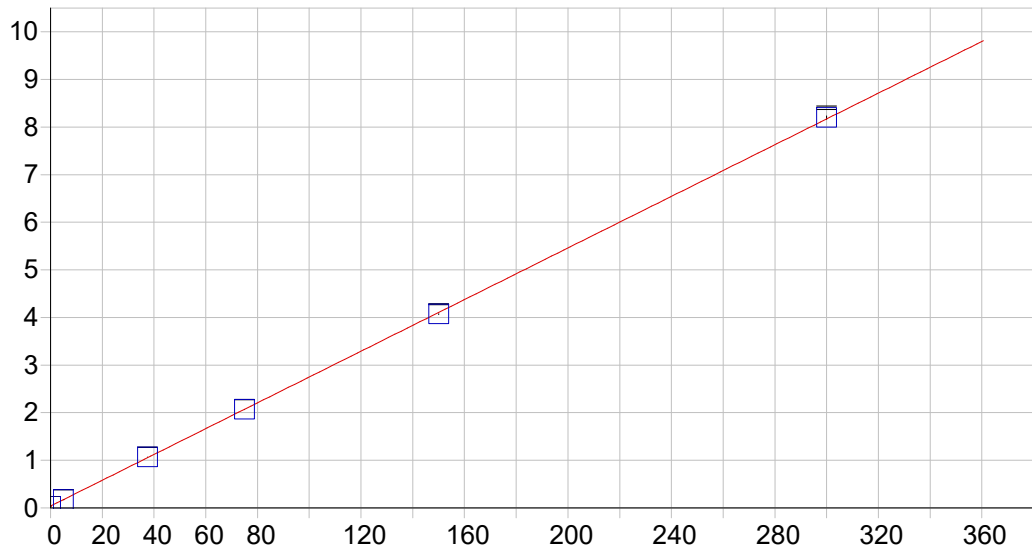


Zn 213.856 {158}

Date of Fit: 10/20/2021 12:52:22 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): -0.000032 Re-Slope: 1.000000
 A1 (Gain): 0.424649 Y-int: 0.000000
 A2 (Curvature): 0.001194
 n (Exponent): 1.000000
 Correlation: 0.999985 Status: Warning Positive Curvature
 Std Error of Est: 0.000204
 Predicted MDL: 0.002906
 Predicted MQL: 0.009687

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00003	.001	1
S1	.06000	.05719	-.003	-4.69	.02434	.002	1
S2	3.7500	3.8114	.061	1.64	1.6371	.005	1
S3	7.5000	7.4976	-.002	-.032	3.2534	.029	1
S4	15.000	14.907	-.093	-.618	6.6006	.011	1
S5	30.000	30.037	.037	.123	13.842	.044	1

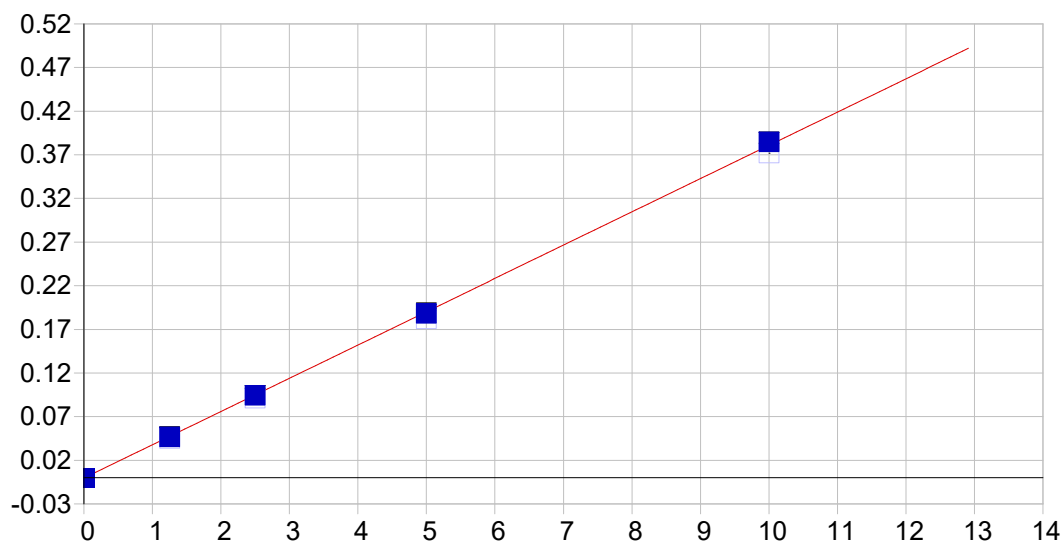


K 769.896 { 44 }

Date of Fit: 10/20/2021 12:52:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.038894 Re-Slope: 1.000000
 A1 (Gain): 0.027108 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999983 Status: OK.
 Std Error of Est: 0.000322
 Predicted MDL: 0.060791
 Predicted MQL: 0.202635

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00008	-.000	.000	.03889	.001	1
S1	5.0000	5.0665	.067	1.33	.17624	.001	1
S2	37.500	37.872	.372	.991	1.0655	.005	1
S3	75.000	74.838	-.162	-.216	2.0676	.001	1
S4	150.00	148.74	-1.26	-.843	4.0708	.009	1
S5	300.00	300.99	.988	.329	8.1980	.037	1

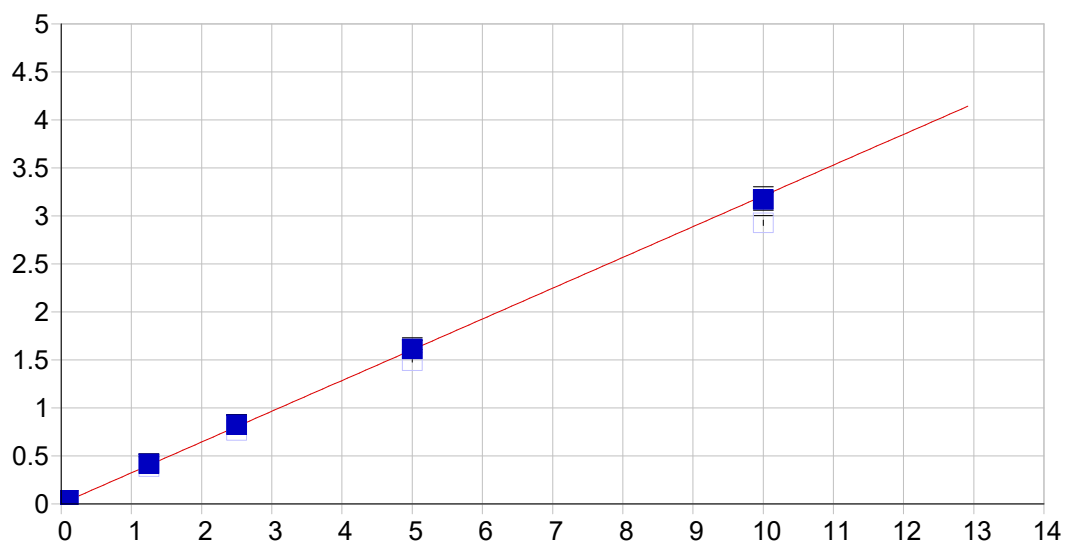


P 177.495 {490}

Date of Fit: 10/20/2021 12:52:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000459 Re-Slope: 1.000000
 A1 (Gain): 0.038135 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999884 Status: OK.
 Std Error of Est: 0.000009
 Predicted MDL: 0.005072
 Predicted MQL: 0.016907

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00046	.000	1
S1	.01000	.00536	-.005	-46.4	-.00026	.000	1
S2	1.2500	1.2329	-.017	-1.37	.04498	.000	1
S3	2.5000	2.4804	-.020	-.783	.09098	.000	1
S4	5.0000	4.9452	-.055	-1.10	.18182	.001	1
S5	10.000	10.096	.096	.961	.37194	.000	1

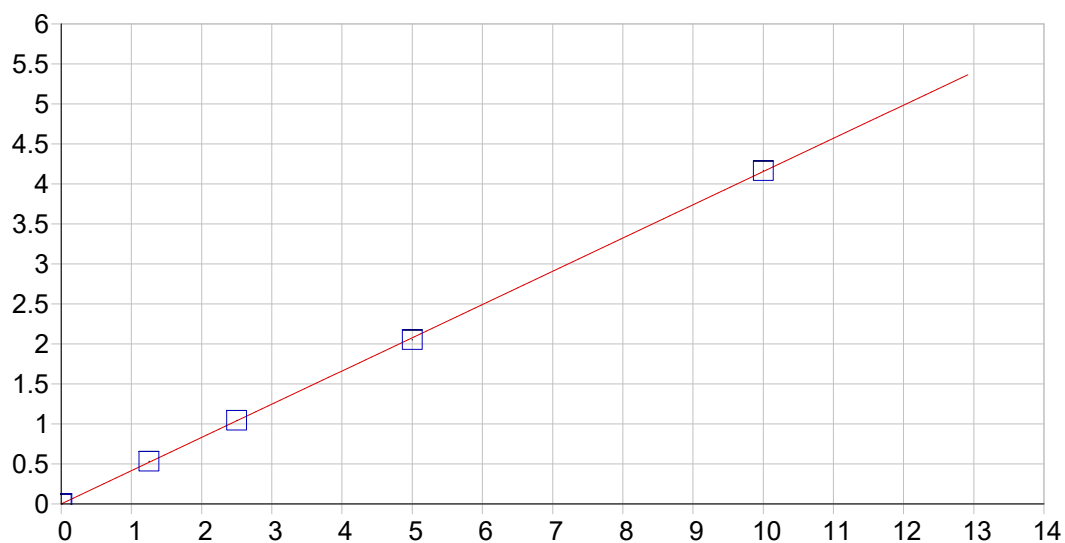


B 249.678 {135}

Date of Fit: 10/20/2021 12:52:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003582 Re-Slope: 1.000000
 A1 (Gain): 0.320480 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999867 Status: OK.
 Std Error of Est: 0.000257
 Predicted MDL: 0.001270
 Predicted MQL: 0.004233

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00358	.000	1
S1	.10000	.09865	-.001	-1.35	.03515	.000	1
S2	1.2500	1.2888	.039	3.11	.38635	.001	1
S3	2.5000	2.5620	.062	2.48	.76411	.003	1
S4	5.0000	5.0208	.021	.415	1.4916	.013	1
S5	10.000	9.8799	-.120	-1.20	2.9277	.029	1

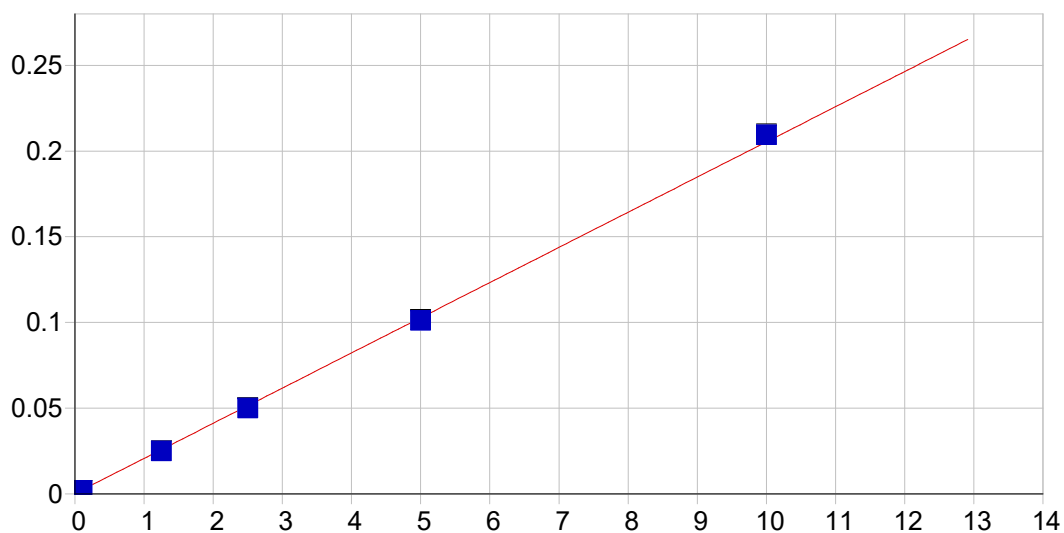


Mo 202.030 {467}

Date of Fit: 10/20/2021 12:52:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000468 Re-Slope: 1.000000
 A1 (Gain): 0.415434 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999960 Status: OK.
 Std Error of Est: 0.000062
 Predicted MDL: 0.000676
 Predicted MQL: 0.002253

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00047	.000	1
S1	.01000	.01055	.001	5.52	.00485	.000	1
S2	1.2500	1.2767	.027	2.13	.53084	.001	1
S3	2.5000	2.5144	.014	.575	1.0450	.000	1
S4	5.0000	4.9377	-.062	-1.25	2.0518	.005	1
S5	10.000	10.021	.021	.207	4.1634	.005	1

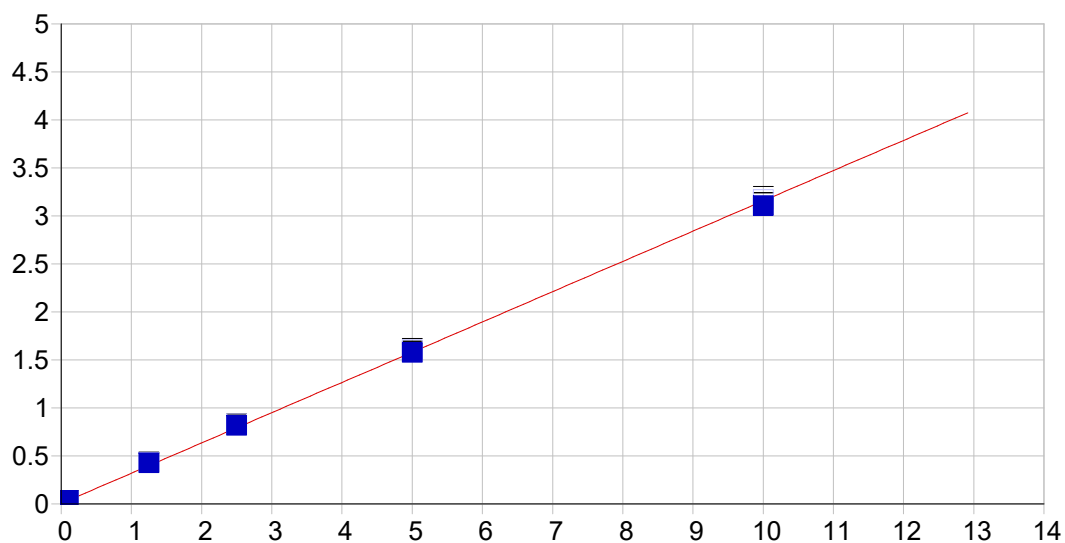


S 182.034 {485}

Date of Fit: 10/20/2021 12:52:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000187 Re-Slope: 1.000000
 A1 (Gain): 0.020515 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999731 Status: OK.
 Std Error of Est: 0.000025
 Predicted MDL: 0.008626
 Predicted MQL: 0.028752

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00019	.000	1
S1	.10000	.08865	-.011	-11.4	.00200	.000	1
S2	1.2500	1.2072	-.043	-3.43	.02495	.000	1
S3	2.5000	2.4264	-.074	-2.94	.04996	.000	1
S4	5.0000	4.9254	-.075	-1.49	.10122	.000	1
S5	10.000	10.202	.202	2.02	.20946	.000	1

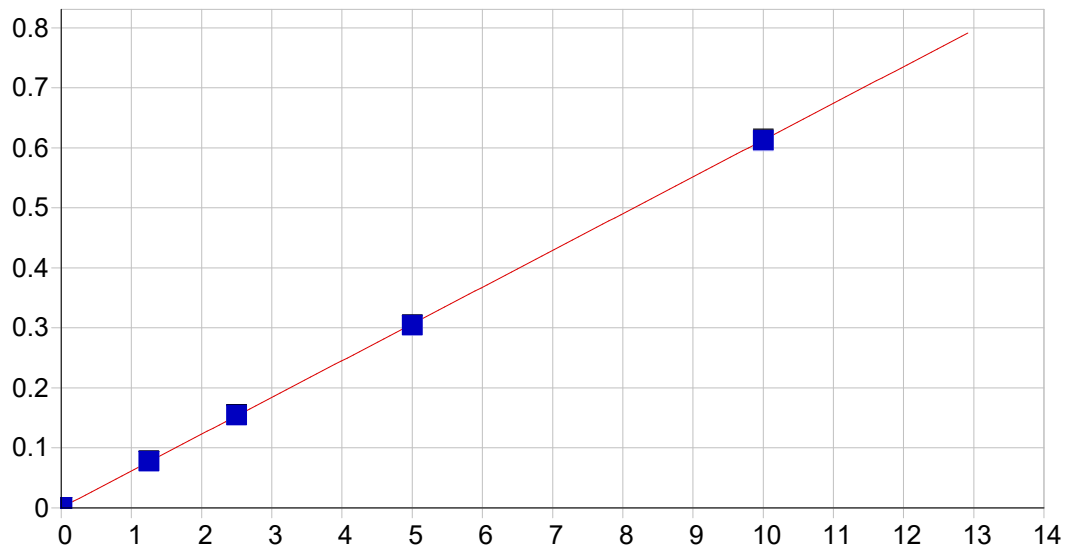


Si 251.611 {134}

Date of Fit: 10/20/2021 12:52:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004488 Re-Slope: 1.000000
 A1 (Gain): 0.315194 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999721 Status: OK.
 Std Error of Est: 0.000404
 Predicted MDL: 0.001358
 Predicted MQL: 0.004527

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00448	.000	1
S1	.10000	.10464	.005	4.64	.03782	.000	1
S2	1.2500	1.3363	.086	6.90	.43336	.003	1
S3	2.5000	2.5758	.076	3.03	.83172	.001	1
S4	5.0000	4.9900	-.010	-.199	1.6081	.013	1
S5	10.000	9.8433	-.157	-1.57	3.1685	.033	1

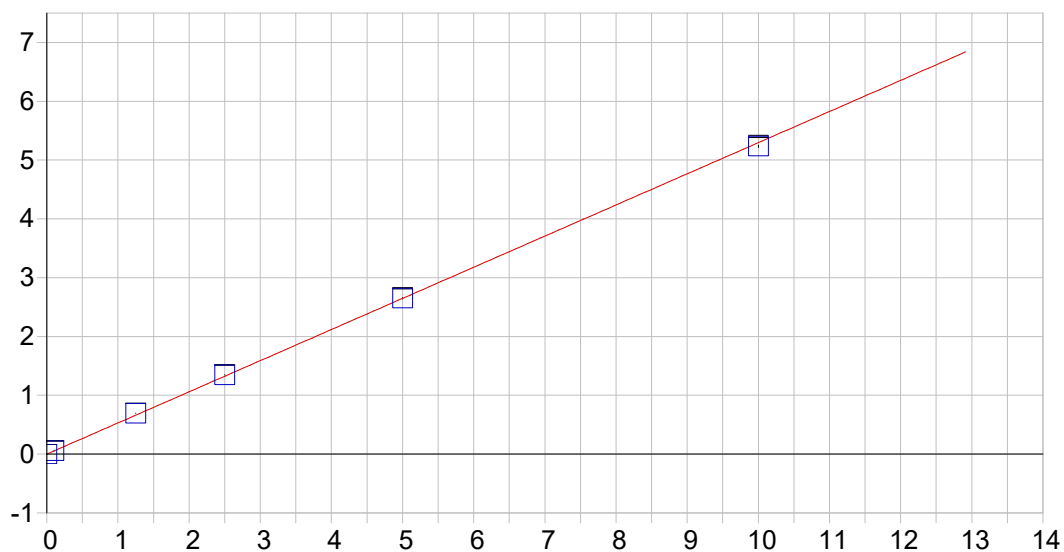


Sn 189.989 {478}

Date of Fit: 10/20/2021 12:52:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000319	Re-Slope:	1.000000
A1 (Gain):	0.061251	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999977	Status:	OK.
Std Error of Est:	0.000006		
Predicted MDL:	0.002779		
Predicted MQL:	0.009265		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00032	.000	1
S1	.00700	.00546	-.002	-22.1	.00064	.000	1
S2	1.2500	1.2640	.014	1.12	.07753	.000	1
S3	2.5000	2.5196	.020	.783	.15423	.001	1
S4	5.0000	4.9689	-.031	-.622	.30384	.001	1
S5	10.000	9.9990	-.001	-.010	.61110	.002	1

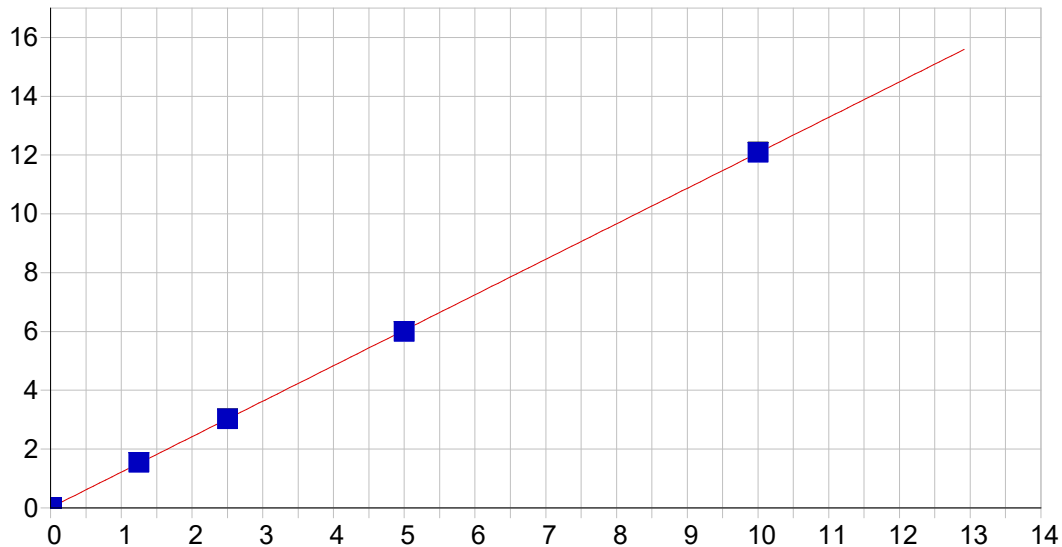


Ti 336.121 {100}

Date of Fit: 10/20/2021 12:52:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000091 Re-Slope: 1.000000
 A1 (Gain): 0.529618 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999855 Status: OK.
 Std Error of Est: 0.000479
 Predicted MDL: 0.001202
 Predicted MQL: 0.004006

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00008	.001	1
S1	.10000	.10721	.007	7.21	.05687	.001	1
S2	1.2500	1.3091	.059	4.73	.69340	.003	1
S3	2.5000	2.5452	.045	1.81	1.3481	.005	1
S4	5.0000	5.0038	.004	.077	2.6502	.012	1
S5	10.000	9.8847	-.115	-1.15	5.2352	.019	1

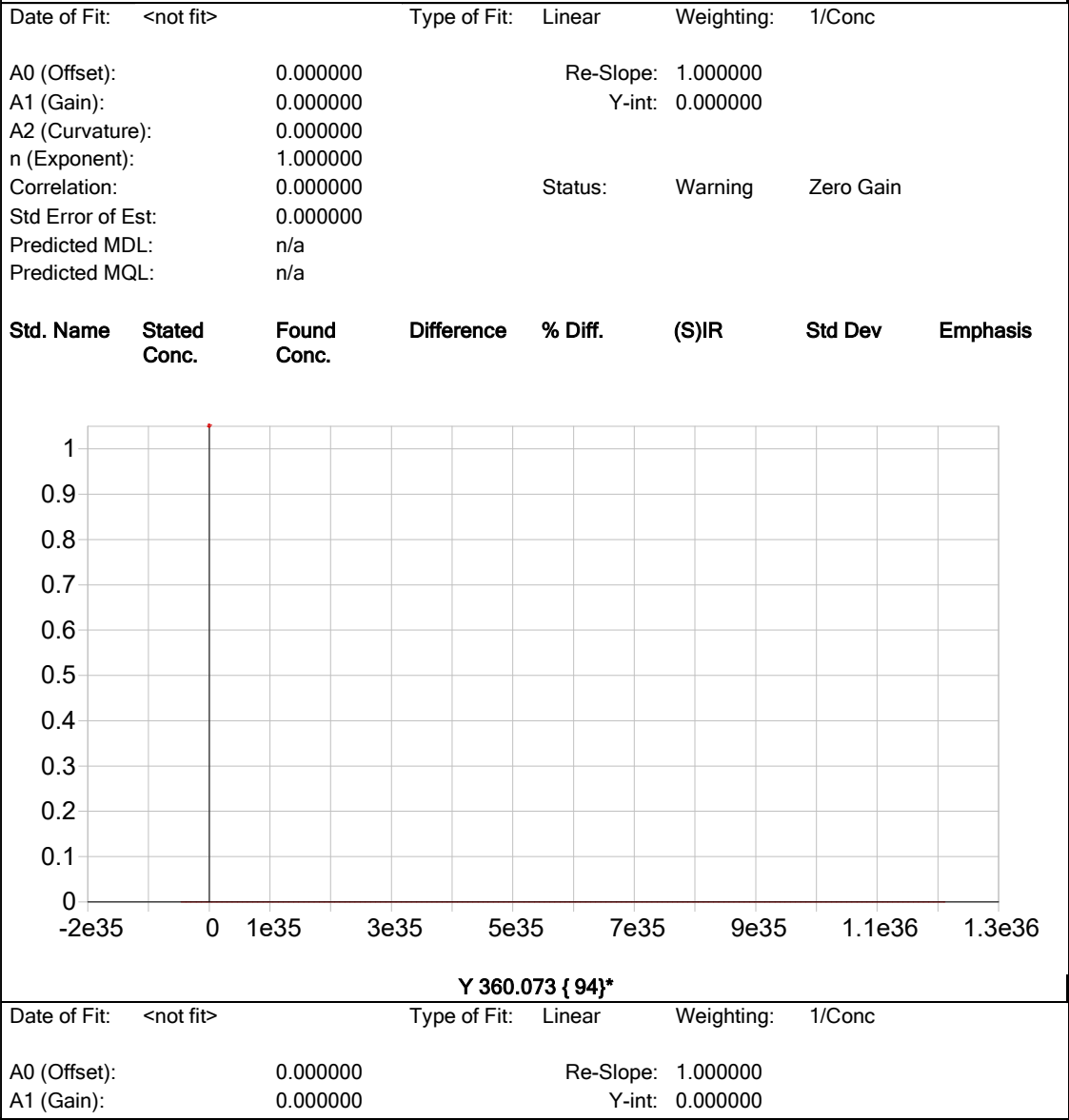
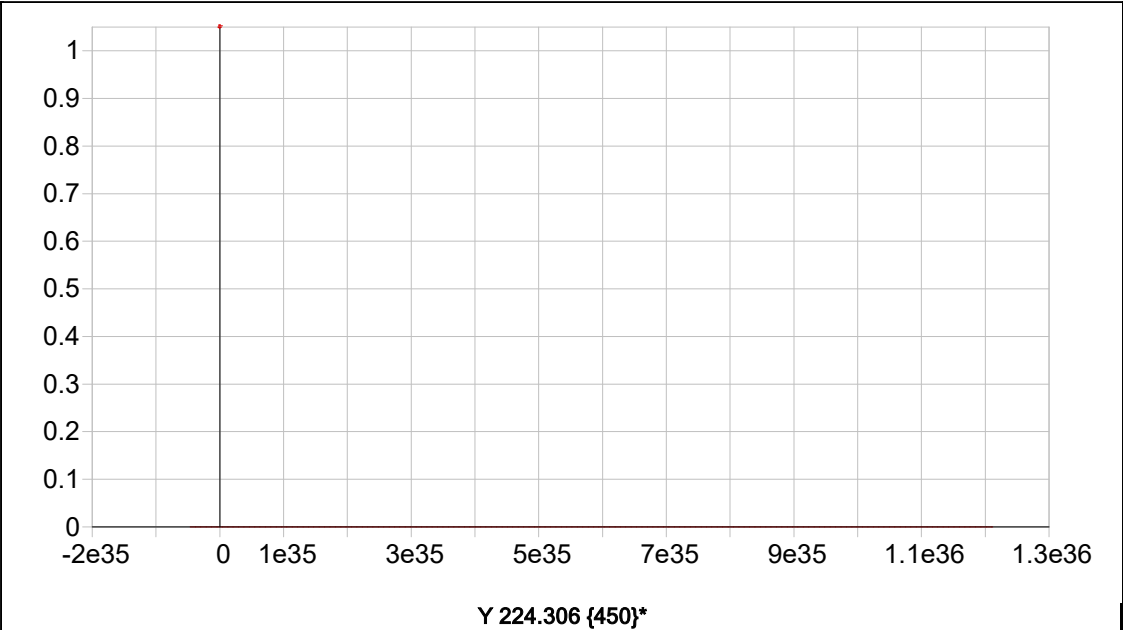


Li 670.784 { 50}

Date of Fit: 10/20/2021 12:52:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.009747 Re-Slope: 1.000000
 A1 (Gain): 1.206609 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999982 Status: OK.
 Std Error of Est: 0.000147
 Predicted MDL: 0.001403
 Predicted MQL: 0.004675

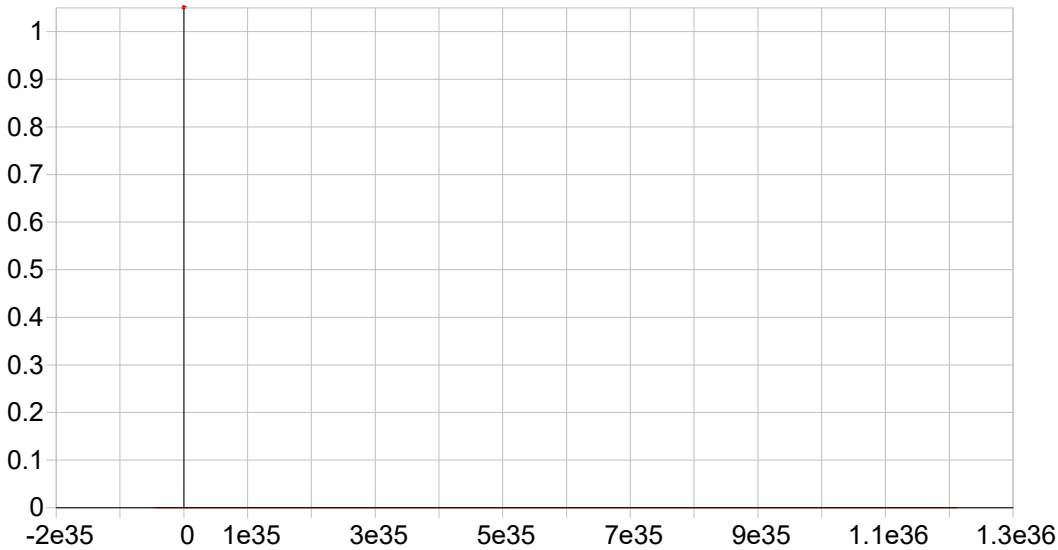
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00975	.002	1
S5	10.000	10.017	.017	.170	12.083	.003	1
S4	5.0000	4.9617	-.038	-.765	5.9901	.003	1
S3	2.5000	2.5005	.001	.021	3.0236	.011	1
S2	1.2500	1.2703	.020	1.63	1.5409	.006	1
S1	.01500	.01539	.000	2.58	.02821	.001	1



A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.000000
Std Error of Est: 0.000000
Predicted MDL: n/a
Predicted MQL: n/a

Status: Warning Zero Gain

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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Y 371.030 { 91}*

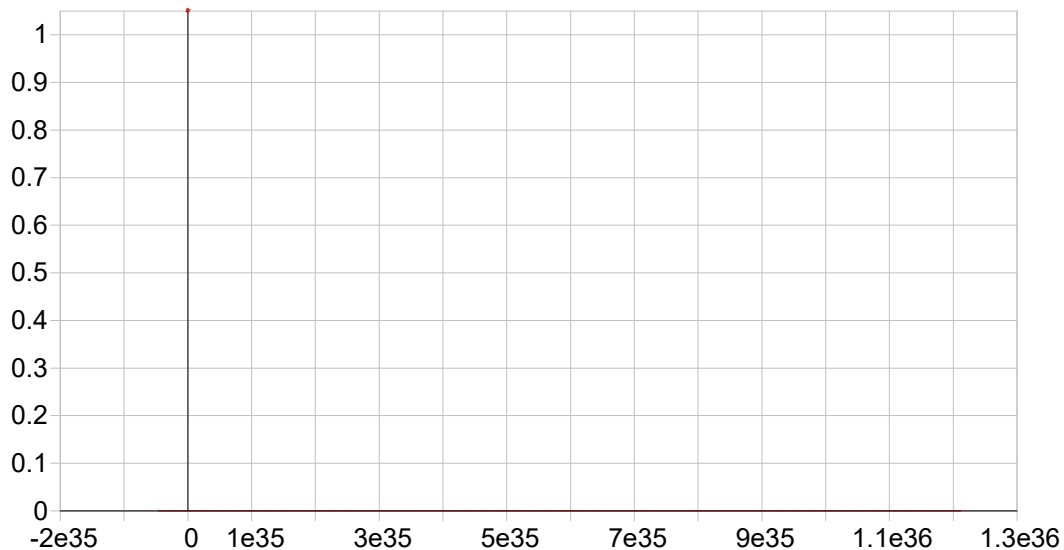
Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000000
A1 (Gain): 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.000000
Std Error of Est: 0.000000
Predicted MDL: n/a
Predicted MQL: n/a

Re-Slope: 1.000000
Y-int: 0.000000

Status: Warning Zero Gain

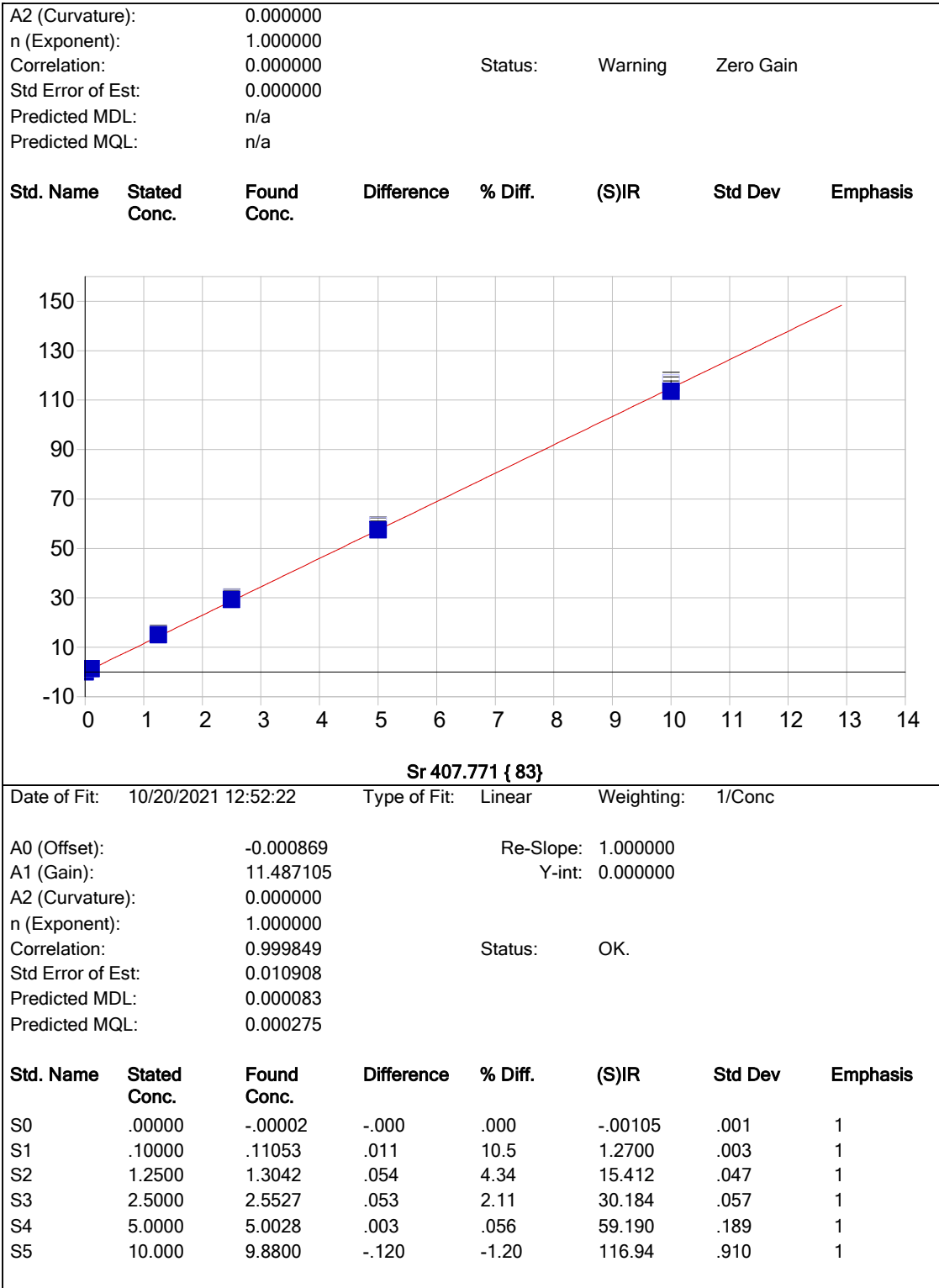
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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Y 224.306 {150}*

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

In 230.606 {446}*



Sample Name: S0 Acquired: 10/20/2021 11:41:12 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) 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	-.00037	-.00081	.00076	.00064	.00061	.00182	-.00406	-.00200
Stddev	.00012	.00005	.00039	.00036	.00029	.00068	.00110	.00009
%RSD	31.555	6.1720	51.096	56.123	47.058	37.158	27.134	4.5888
#1	-.00048	-.00076	.00080	.00083	.00075	.00229	-.00315	-.00209
#2	-.00024	-.00086	.00036	.00086	.00028	.00104	-.00528	-.00191
#3	-.00039	-.00081	.00113	.00023	.00080	.00212	-.00374	-.00201
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	.00029	.00073	-.00000	.00043	.00200	.00002	.00035	-.00036
Stddev	.00030	.00043	.00006	.00015	.00041	.00028	.00022	.00006
%RSD	103.54	59.446	2327.3	35.754	20.756	1492.7	65.003	17.272
#1	.00006	.00044	-.00007	.00041	.00163	.00034	.00052	-.00040
#2	.00019	.00052	.00000	.00028	.00245	-.00019	.00043	-.00040
#3	.00063	.00123	.00006	.00059	.00191	-.00009	.00009	-.00029
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	-.00152	-.00097	.00155	-.00005	-.00003	.03889	-.00046	.00358
Stddev	.00032	.00018	.00033	.00025	.00098	.00053	.00008	.00031
%RSD	20.975	18.001	21.604	484.90	3173.0	1.3595	16.525	8.7714
#1	-.00179	-.00086	.00116	.00023	.00023	.03911	-.00047	.00329
#2	-.00161	-.00117	.00175	-.00015	-.00111	.03829	-.00053	.00353
#3	-.00117	-.00089	.00174	-.00024	.00079	.03927	-.00038	.00392
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	.00047	.00019	.00448	.00032	.00008	.00975	-.00105	
Stddev	.00006	.00012	.00033	.00008	.00057	.00195	.00083	
%RSD	12.099	65.725	7.3869	24.006	678.98	20.016	79.367	
#1	.00040	.00008	.00475	.00027	-.00035	.00845	-.00043	
#2	.00050	.00032	.00459	.00041	.00074	.00880	-.00072	
#3	.00050	.00017	.00411	.00028	-.00014	.01199	-.00200	

Sample Name: S0 Acquired: 10/20/2021 11:41:12 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) 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	1402.4	27619.	5717.7	762.12	1798.3
Stddev	3.4	22.	26.1	2.39	3.9
%RSD	.24024	.08083	.45667	.31341	.21902
#1	1399.7	27645.	5688.4	761.96	1795.5
#2	1401.4	27603.	5738.5	764.58	1796.6
#3	1406.2	27609.	5726.2	759.81	1802.8

Sample Name: S1 Acquired: 10/20/2021 11:45:20 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) 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	-.00005	.00039	.00322	.00259	.00877	.02006	.78661	.01281
Stddev	.00020	.00030	.00062	.00027	.00012	.00107	.00167	.00046
%RSD	421.62	75.056	19.090	10.602	1.3713	5.3193	.21205	3.5971
#1	.00010	.00049	.00256	.00271	.00864	.02112	.78612	.01329
#2	-.00027	.00063	.00334	.00278	.00882	.02007	.78847	.01238
#3	.00003	.00006	.00377	.00227	.00887	.01899	.78525	.01277
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	.01070	.35312	.00204	.04385	.00868	.00240	.01021	.04306
Stddev	.00012	.00053	.00010	.00038	.00004	.00025	.00029	.00011
%RSD	1.1593	.14907	4.7690	.87749	.46560	10.212	2.7975	.26391
#1	.01060	.35370	.00196	.04421	.00872	.00269	.01027	.04310
#2	.01066	.35267	.00203	.04390	.00868	.00229	.01046	.04314
#3	.01084	.35298	.00215	.04345	.00864	.00223	.00990	.04293
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	.02433	.00360	.03052	.00656	.02434	.17624	-.00026	.03515
Stddev	.00035	.00012	.00105	.00023	.00172	.00070	.00002	.00049
%RSD	1.4405	3.2041	3.4306	3.4459	7.0474	.39921	8.2506	1.4009
#1	.02448	.00373	.02932	.00665	.02317	.17559	-.00024	.03459
#2	.02458	.00355	.03129	.00630	.02631	.17699	-.00026	.03550
#3	.02393	.00351	.03093	.00672	.02353	.17613	-.00029	.03537
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	.00485	.00200	.03782	.00064	.05687	.02821	1.2700	
Stddev	.00043	.00012	.00038	.00011	.00059	.00080	.0027	
%RSD	8.8081	5.9927	.99799	17.843	1.0425	2.8333	.21587	
#1	.00437	.00189	.03810	.00051	.05641	.02894	1.2715	
#2	.00499	.00200	.03797	.00071	.05754	.02834	1.2716	
#3	.00519	.00213	.03739	.00070	.05666	.02736	1.2668	

Sample Name: S1 Acquired: 10/20/2021 11:45:20 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) 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	1393.7	27562.	5762.0	760.55	1803.9
Stddev	1.4	33.	33.5	1.13	2.2
%RSD	.10104	.12053	.58156	.14900	.12388
#1	1394.9	27533.	5800.6	761.78	1801.5
#2	1392.2	27598.	5745.4	760.31	1804.2
#3	1394.0	27554.	5740.0	759.56	1806.0

Sample Name: S2 Acquired: 10/20/2021 11:49:27 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) 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	.04196	.06785	1.2899	.06235	.17612	3.4119	10.209	.35168
Stddev	.00012	.00044	.0043	.00031	.00035	.0142	.075	.00163
%RSD	.29138	.65417	.33337	.49810	.19886	.41731	.73363	.46462

#1	.04200	.06749	1.2875	.06217	.17576	3.3971	10.280	.35047
#2	.04183	.06834	1.2874	.06271	.17646	3.4255	10.218	.35103
#3	.04206	.06771	1.2949	.06218	.17615	3.4130	10.131	.35354

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.2436	4.2605	.72845	.53901	.97422	.88568	2.3521	.53977
Stddev	.0036	.0089	.00169	.00214	.00194	.00894	.0069	.00535
%RSD	.29288	.20962	.23147	.39703	.19939	1.0090	.29500	.99126

#1	1.2410	4.2683	.72767	.53697	.97296	.87632	2.3576	.53414
#2	1.2419	4.2625	.73038	.53882	.97646	.89412	2.3545	.54479
#3	1.2477	4.2508	.72730	.54124	.97324	.88661	2.3443	.54038

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	.39263	.13234	.22087	.07741	1.6371	1.0655	.04498	.38635
Stddev	.00209	.00042	.00115	.00055	.0050	.0052	.00035	.00104
%RSD	.53267	.31955	.51860	.70456	.30381	.48822	.77817	.26873

#1	.39205	.13193	.21970	.07678	1.6422	1.0599	.04473	.38565
#2	.39089	.13278	.22093	.07764	1.6367	1.0702	.04483	.38586
#3	.39495	.13232	.22199	.07779	1.6323	1.0665	.04538	.38754

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	.53084	.02495	.43336	.07753	.69340	1.5409	15.412
Stddev	.00083	.00021	.00280	.00043	.00312	.0062	.047
%RSD	.15665	.84757	.64712	.55261	.45012	.39918	.30625

#1	.53088	.02515	.43015	.07767	.69005	1.5421	15.369
#2	.53166	.02473	.43458	.07705	.69623	1.5464	15.462
#3	.53000	.02497	.43534	.07788	.69391	1.5343	15.405

Sample Name: S2 Acquired: 10/20/2021 11:49:27 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) 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	1337.7	27094.	5711.2	734.16	1698.7
Stddev	2.0	60.	22.5	6.92	4.5
%RSD	.14934	.22327	.39351	.94301	.26212
#1	1337.6	27070.	5737.0	728.24	1702.3
#2	1335.7	27163.	5700.7	741.77	1700.0
#3	1339.7	27050.	5695.8	732.47	1693.7

Sample Name: S3 Acquired: 10/20/2021 11:53:20 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) 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	.08311	.13490	2.5618	.12095	.34561	6.7200	20.099	.68973
Stddev	.00060	.00066	.0090	.00060	.00167	.0098	.108	.00233
%RSD	.71670	.48906	.35180	.49387	.48322	.14623	.53859	.33814

#1	.08243	.13441	2.5515	.12109	.34665	6.7153	20.192	.68765
#2	.08336	.13464	2.5661	.12147	.34650	6.7313	19.980	.69226
#3	.08354	.13565	2.5680	.12030	.34369	6.7135	20.125	.68929

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	2.4337	8.3022	1.4062	1.0690	1.9116	1.7207	4.5303	1.0654
Stddev	.0067	.0231	.0024	.0041	.0020	.0109	.0101	.0077
%RSD	.27629	.27760	.17287	.38317	.10644	.63550	.22351	.72669

#1	2.4280	8.3078	1.4079	1.0651	1.9138	1.7120	4.5383	1.0593
#2	2.4319	8.2768	1.4034	1.0687	1.9111	1.7329	4.5189	1.0741
#3	2.4411	8.3219	1.4072	1.0733	1.9098	1.7170	4.5337	1.0628

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	.77063	.26266	.43661	.14979	3.2534	2.0676	.09098	.76411
Stddev	.00260	.00120	.00124	.00032	.0286	.0006	.00026	.00272
%RSD	.33741	.45856	.28294	.21565	.88035	.02639	.29019	.35551

#1	.76866	.26397	.43681	.14947	3.2441	2.0677	.09069	.76109
#2	.76965	.26241	.43773	.15012	3.2856	2.0681	.09121	.76488
#3	.77357	.26160	.43528	.14979	3.2306	2.0670	.09104	.76636

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	1.0450	.04996	.83172	.15423	1.3481	3.0236	30.184
Stddev	.0002	.00036	.00105	.00112	.0047	.0114	.057
%RSD	.02179	.71655	.12683	.72357	.34999	.37589	.18720

#1	1.0451	.04968	.83086	.15299	1.3436	3.0318	30.131
#2	1.0452	.04984	.83141	.15456	1.3530	3.0107	30.244
#3	1.0448	.05036	.83290	.15515	1.3476	3.0285	30.176

Sample Name: S3 Acquired: 10/20/2021 11:53:20 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) 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	1295.5	26815.	5695.2	711.46	1625.6
Stddev	2.2	31.	13.7	3.59	3.0
%RSD	.16873	.11551	.24052	.50446	.18666
#1	1293.1	26850.	5703.2	710.18	1626.3
#2	1297.4	26802.	5679.4	708.69	1628.3
#3	1296.1	26792.	5703.0	715.52	1622.3

Sample Name: S4 Acquired: 10/20/2021 11:57:14 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) 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	.16470	.25870	5.0393	.23167	.68296	13.404	39.387	1.3298
Stddev	.00037	.00146	.0085	.00064	.00203	.067	.143	.0122
%RSD	.22505	.56562	.16821	.27674	.29690	.50333	.36314	.91906

#1	.16509	.25746	5.0303	.23158	.68356	13.337	39.548	1.3178
#2	.16467	.25833	5.0407	.23108	.68070	13.403	39.342	1.3294
#3	.16435	.26032	5.0471	.23236	.68462	13.472	39.273	1.3423

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	4.6996	16.195	2.6856	2.1068	3.7378	3.3564	8.6905	2.1363
Stddev	.0076	.027	.0043	.0046	.0057	.0275	.0199	.0191
%RSD	.16115	.16786	.15850	.21769	.15135	.82061	.22896	.89302

#1	4.6911	16.217	2.6866	2.1036	3.7347	3.3289	8.7100	2.1177
#2	4.7056	16.165	2.6893	2.1049	3.7343	3.3562	8.6702	2.1352
#3	4.7021	16.204	2.6810	2.1121	3.7443	3.3840	8.6913	2.1559

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	1.5017	.51950	.86592	.29414	6.6006	4.0708	.18182	1.4916
Stddev	.0027	.00179	.00422	.00169	.0114	.0089	.00092	.0134
%RSD	.17697	.34432	.48693	.57596	.17214	.21764	.50871	.89858

#1	1.4986	.52149	.86188	.29223	6.5877	4.0610	.18182	1.4802
#2	1.5035	.51804	.86558	.29475	6.6090	4.0732	.18089	1.4881
#3	1.5028	.51895	.87030	.29545	6.6052	4.0782	.18274	1.5064

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	2.0518	.10122	1.6081	.30384	2.6502	5.9901	59.190
Stddev	.0053	.00047	.0132	.00058	.0116	.0034	.189
%RSD	.25925	.46253	.82042	.19022	.43725	.05728	.31854

#1	2.0543	.10085	1.5995	.30438	2.6376	5.9867	59.400
#2	2.0457	.10105	1.6014	.30323	2.6526	5.9901	59.034
#3	2.0554	.10175	1.6232	.30390	2.6604	5.9936	59.136

Sample Name: S4 Acquired: 10/20/2021 11:57:14 Type: Cal
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) 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	1235.0	26251.	5608.3	673.52	1531.6
Stddev	3.4	73.	25.0	2.33	1.2
%RSD	.27493	.27931	.44561	.34575	.08150
#1	1231.1	26169.	5610.5	671.03	1531.6
#2	1237.4	26276.	5632.1	675.65	1530.3
#3	1236.5	26309.	5582.2	673.87	1532.8

Sample Name: S5 Acquired: 10/20/2021 12:01:14 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) 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	.34267	.50081	10.090	.45943	1.4065	27.162	77.865	2.5988
Stddev	.00071	.00106	.005	.00310	.0044	.110	.195	.0243
%RSD	.20628	.21125	.04606	.67450	.31476	.40493	.25103	.93418

#1	.34208	.50089	10.089	.45585	1.4020	27.200	77.944	2.6054
#2	.34346	.49971	10.086	.46113	1.4108	27.038	77.642	2.5720
#3	.34248	.50183	10.095	.46131	1.4068	27.248	78.009	2.6192

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	9.2248	31.959	5.1645	4.2052	7.4361	6.5672	17.002	4.2990
Stddev	.0133	.030	.0149	.0036	.0076	.0542	.037	.0349
%RSD	.14373	.09454	.28790	.08550	.10160	.82512	.21836	.81140

#1	9.2399	31.943	5.1628	4.2072	7.4447	6.5989	16.976	4.3114
#2	9.2194	31.994	5.1802	4.2010	7.4305	6.5047	17.045	4.2596
#3	9.2150	31.941	5.1506	4.2074	7.4331	6.5982	16.986	4.3260

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	2.9808	1.0474	1.7260	.57813	13.842	8.1980	.37194	2.9277
Stddev	.0080	.0043	.0064	.00324	.044	.0374	.00007	.0287
%RSD	.26815	.41120	.37324	.56090	.31992	.45579	.01833	.98060

#1	2.9898	1.0500	1.7283	.57796	13.888	8.2274	.37187	2.9368
#2	2.9783	1.0499	1.7187	.57497	13.800	8.1560	.37201	2.8956
#3	2.9744	1.0424	1.7309	.58145	13.838	8.2107	.37195	2.9508

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	4.1634	.20946	3.1685	.61110	5.2352	12.083	116.94
Stddev	.0049	.00042	.0335	.00211	.0186	.003	.91
%RSD	.11822	.20157	1.0560	.34573	.35569	.02252	.77856

#1	4.1577	.20946	3.1783	.61290	5.2397	12.081	117.62
#2	4.1659	.20904	3.1312	.60878	5.2148	12.082	115.90
#3	4.1666	.20989	3.1960	.61163	5.2512	12.086	117.29

Sample Name: S5 Acquired: 10/20/2021 12:01:14 Type: Cal
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) 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	1139.6	25696.	5565.6	617.70	1415.3
Stddev	2.6	94.	46.8	3.89	.4
%RSD	.22863	.36462	.84139	.63017	.03026
#1	1142.6	25645.	5528.9	613.68	1415.1
#2	1137.8	25640.	5618.3	617.98	1415.8
#3	1138.5	25805.	5549.5	621.45	1415.1

Sample Name: S6 Acquired: 10/20/2021 12:05:22 Type: Cal
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) 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	73.133	51.394	17.355	7.0722	4.7432
Stddev	.523	.026	.078	.0277	.0176
%RSD	.71540	.05157	.44676	.39159	.36995

#1	72.552	51.415	17.270	7.0427	4.7269
#2	73.282	51.402	17.372	7.0761	4.7410
#3	73.566	51.364	17.422	7.0976	4.7618

Int. Std.	Y_3710
Units	Cts/S
Avg	5433.6
Stddev	22.9
%RSD	.42209

#1	5431.9
#2	5457.3
#3	5411.5

Sample Name: ICV002 Acquired: 10/20/2021 12:09:47 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9656903	1.015020	.9508764	1.033228	.9374818	2.348815
Stddev	.0098268	.009441	.0035904	.004382	.0032006	.021743
%RSD	1.017594	.9301763	.3775912	.4241250	.3414055	.9257111

#1	.9740140	1.005557	.9468750	1.037885	.9364182	2.345664
#2	.9548499	1.015065	.9538166	1.032613	.9410789	2.328819
#3	.9682071	1.024440	.9519378	1.029185	.9349485	2.371961

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4987961	.5140624	.5008096	9.680073	.5353873	.4882019
Stddev	.0015771	.0022530	.0014914	.010514	.0022255	.0011603
%RSD	.3161848	.4382806	.2977872	.1086105	.4156755	.2376654

#1	.5005572	.5163447	.4992378	9.690118	.5333001	.4874894
#2	.4975141	.5140027	.5009864	9.680956	.5377292	.4875756
#3	.4983170	.5118398	.5022047	9.669147	.5351327	.4895408

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4941496	10.24244	.4991088	5.471322	.5026641	.2311558
Stddev	.0025568	.01061	.0014873	.028715	.0023039	.0012714
%RSD	.5174135	.1036057	.2979982	.5248227	.4583440	.5500039

#1	.4914482	10.23370	.5008249	5.448858	.5001560	.2304990
#2	.4944687	10.23936	.4981929	5.461435	.5046863	.2303472
#3	.4965319	10.25424	.4983086	5.503674	.5031501	.2326212

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.548229	.5104650	.9207600	9.036869	4.792857	5.426092
Stddev	.116438	.0040132	.0065910	.021725	.017073	.039662
%RSD	1.219467	.7861866	.7158237	.2404013	.3562242	.7309552

#1	9.501807	.5128730	.9138233	9.017977	4.777514	5.471736
#2	9.680718	.5126898	.9215168	9.060608	4.789806	5.406522
#3	9.462164	.5058321	.9269400	9.032022	4.811250	5.400018

Sample Name: ICV002 Acquired: 10/20/2021 12:09:47 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV002 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.206948	4.852841	5.024276	5.102193	5.444946	F .0024909
Stddev	.015384	.038012	.021518	.015190	.014393	.0007661
%RSD	.2954576	.7832908	.4282802	.2977236	.2643297	30.75573
#1	5.197791	4.822197	5.049037	5.085810	5.439573	.0024626
#2	5.198344	4.840949	5.013682	5.104958	5.434013	.0017394
#3	5.224710	4.895377	5.010109	5.115811	5.461252	.0032708

Elem	Sr4077
Units	ppm
Avg	F -.008768
Stddev	.000068
%RSD	.7710537
#1	-.008690
#2	-.008809
#3	-.008806

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1368.730	27958.91	5832.617	765.1858	1790.693
Stddev	4.010	91.58	10.444	3.3397	6.268
%RSD	.2929794	.3275346	.1790663	.4364626	.3500555
#1	1370.397	28047.84	5823.659	768.7492	1797.630
#2	1371.639	27864.90	5844.088	764.6811	1789.013
#3	1364.156	27964.00	5830.103	762.1271	1785.435

Sample Name: ICB002 Acquired: 10/20/2021 12:15:06 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICB002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0039996	.0028567	.0020243	-.000189	-.003394	.0053533
Stddev	.0029856	.0039024	.0019324	.001829	.000655	.0066451
%RSD	74.64636	136.6062	95.45939	966.0553	19.29419	124.1297

#1	.0006968	.0056967	.0032623	.001333	-.002970	.0001407
#2	.0065067	-.001593	-.000202	-.002218	-.003063	.0030834
#3	.0047952	.004466	.003013	.000317	-.004148	.0128359

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002271	.0000732	.0001605	.0000701	-.000633	-.000221
Stddev	.000616	.0000540	.0000375	.0069775	.000217	.000513
%RSD	27.14482	73.78018	23.35184	9955.125	34.21937	232.3708

#1	-.002542	.0000110	.0001661	-.007634	-.000457	-.000659
#2	-.001565	.0001080	.0001205	.001879	-.000875	.000344
#3	-.002705	.0001006	.0001948	.005965	-.000567	-.000347

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001598	-.002467	-.000213	.0078444	.0005542	.0006788
Stddev	.001369	.003517	.000499	.0094500	.0003182	.0001339
%RSD	85.67526	142.5473	234.1245	120.4681	57.42059	19.72824

#1	-.000136	-.003795	.000354	.0144888	.0009214	.0005552
#2	-.002850	-.005127	-.000407	-.002974	.0003593	.0006601
#3	-.001809	.001520	-.000586	.012018	.0003819	.0008210

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.321345	-.001881	-.002620	-.056844	-.005424	F .0116278
Stddev	.120102	.001771	.000792	.036091	.003389	.0015268
%RSD	37.37479	94.13413	30.22963	63.49105	62.48199	13.13099

#1	-.428678	-.001708	-.001708	-.018819	-.005646	.0131963
#2	-.191625	-.003732	-.003138	-.061086	-.008696	.0115407
#3	-.343732	-.000203	-.003013	-.090625	-.001929	.0101464

Sample Name: ICB002 Acquired: 10/20/2021 12:15:06 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICB002 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004495	-.007383	.0008113	-.000465	.0007027	.0011544
Stddev	.0001014	.000323	.0009616	.000827	.0006785	.0003883
%RSD	22.54840	4.373035	118.5238	177.7792	96.55068	33.63557

#1	.0003521	-.007182	.0003211	.000397	.0000659	.0015923
#2	.0004420	-.007756	.0001936	-.001252	.0014163	.0008523
#3	.0005544	-.007212	.0019192	-.000540	.0006259	.0010185

Elem	Sr4077
Units	ppm
Avg	-.000034
Stddev	.000100
%RSD	298.2793

#1	-.000141
#2	-.000016
#3	.000057

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1365.592	27883.23	5778.211	764.8497	1783.519
Stddev	3.177	64.15	28.042	4.6206	6.121
%RSD	.2326120	.2300752	.4853089	.6041169	.3431723

#1	1362.688	27823.23	5745.834	761.3745	1777.670
#2	1368.984	27875.61	5793.995	770.0933	1789.879
#3	1365.103	27950.85	5794.804	763.0812	1783.008

Sample Name: ICSA002 Acquired: 10/20/2021 12:19:14 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002281	-.004690	.0044489	.0144936	.0015531	252.9433
Stddev	.014402	.001925	.0032548	.0079455	.0003336	.3597
%RSD	631.3438	41.05397	73.16032	54.82123	21.48160	.1422250

#1	.014313	-.003033	.0058355	.0174967	.0013923	253.2813
#2	-.011526	-.006802	.0007304	.0054842	.0013303	252.5652
#3	-.009630	-.004234	.0067807	.0204999	.0019366	252.9835

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030108	.0012354	.0013162	248.6362	.0571873	-.001449
Stddev	.0004748	.0001359	.0000894	.9020	.0012308	.000718
%RSD	15.76877	10.99732	6.794035	.3627981	2.152270	49.57179

#1	.0033423	.0011989	.0012135	249.4818	.0584940	-.002256
#2	.0032232	.0013858	.0013580	248.7402	.0570181	-.001211
#3	.0024669	.0011216	.0013770	247.6867	.0560498	-.000880

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0080477	105.1962	.0143216	255.7382	-.001919	.0030434
Stddev	.0009233	.1180	.0004843	.5197	.000554	.0001490
%RSD	11.47282	.1121467	3.381391	.2031978	28.90166	4.896174

#1	.0070593	105.1707	.0138144	255.3718	-.001647	.0028803
#2	.0088880	105.0931	.0143712	255.5098	-.001552	.0030775
#3	.0081957	105.3248	.0147791	256.3329	-.002556	.0031724

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4348819	.0006017	.0087589	-.245200	F -.010868	.0035982
Stddev	.0639072	.0012070	.0024652	.071730	.009666	.0024356
%RSD	14.69531	200.5964	28.14468	29.25379	88.93378	67.69038

#1	.3617000	.0006993	.0102745	-.308635	-.005492	.0043194
#2	.4796849	-.000651	.0100879	-.259603	-.022027	.0008834
#3	.4632609	.001757	.0059144	-.167361	-.005086	.0055918

Sample Name: ICSA002 Acquired: 10/20/2021 12:19:14 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA002 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001179	-.006911	.0034053	.0004546	-.000892	.0057983
Stddev	.0008326	.008855	.0020931	.0055961	.000485	.0018464
%RSD	706.3786	128.1306	61.46459	1231.007	54.39366	31.84403

#1	.0003234	.001582	.0041730	.0024416	-.001404	.0068993
#2	.0008285	-.016088	.0010368	.0047860	-.000833	.0036667
#3	-.000798	-.006227	.0050061	-.005864	-.000439	.0068291

Elem	Sr4077
Units	ppm
Avg	.0047665
Stddev	.0004087
%RSD	8.574910

#1	.0052385
#2	.0045303
#3	.0045308

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1274.662	26640.96	5618.715	721.3732	1588.302
Stddev	.789	78.89	45.466	5.1013	2.850
%RSD	.0618718	.2961190	.8091826	.7071719	.1794164

#1	1275.130	26553.40	5614.796	719.2778	1587.062
#2	1275.105	26706.49	5575.335	717.6531	1591.561
#3	1273.751	26663.01	5666.013	727.1885	1586.282

Sample Name: ICSAB002 Acquired: 10/20/2021 12:34:45 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0998418	.0895965	.0514569	.0605237	.5640249	254.0347	.4899603
Stddev	.0049067	.0053643	.0032807	.0076511	.0010596	.7310	.0009494
%RSD	4.914491	5.987126	6.375550	12.64141	.1878585	.2877618	.1937768

#1	.0979111	.0842602	.0497360	.0577311	.5637888	253.2722	.4910550
#2	.0961942	.0949882	.0552400	.0691788	.5651827	254.1025	.4894633
#3	.1054202	.0895411	.0493948	.0546613	.5631034	254.7295	.4893624

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5087802	.9512527	246.2336	.5533139	.4765688	.4883923	105.8005
Stddev	.0026580	.0007037	.4737	.0045489	.0012546	.0022606	.5150
%RSD	.5224232	.0739708	.1923715	.8221156	.2632623	.4628688	.4868069

#1	.5083149	.9504577	245.8969	.5484928	.4756163	.4866136	105.2206
#2	.5063856	.9517952	246.0287	.5539187	.4779904	.4876271	105.9762
#3	.5116401	.9515054	246.7753	.5575300	.4760998	.4909362	106.2048

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4838910	255.6762	.9503528	.1942466	-.013125	.4964964	.9651222
Stddev	.0008909	1.2174	.0019816	.0004161	.106313	.0021941	.0064514
%RSD	.1841089	.4761647	.2085117	.2141977	809.9890	.4419132	.6684509

#1	.4833458	254.2913	.9504442	.1938127	.072629	.4985945	.9653257
#2	.4849191	256.1592	.9483271	.1946421	.020071	.4942175	.9714694
#3	.4834082	256.5780	.9522871	.1942849	-.132076	.4966771	.9585714

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.343015	.0018643	-.000418	.0002976	.0005353	.0029860	-.002362
Stddev	.044187	.0006902	.002078	.0007767	.0028749	.0005055	.002420
%RSD	12.88200	37.02357	497.6282	260.9947	537.1021	16.92876	102.4595

#1	-.294020	.0013199	-.002748	.0000431	-.002469	.0024697	-.005152
#2	-.355177	.0016324	.000251	-.000320	.003261	.0030083	-.000838
#3	-.379847	.0026407	.001244	.001170	.000814	.0034799	-.001096

Sample Name: ICSAB002 Acquired: 10/20/2021 12:34:45 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: ICSAB002 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002191	.0045503	.0049071
Stddev	.000229	.0002857	.0005398
%RSD	10.44278	6.278498	11.00067

#1	-.002306	.0046572	.0054909
#2	-.001928	.0042266	.0044260
#3	-.002339	.0047671	.0048044

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1259.752	26438.19	5602.850	708.7572	1579.862
Stddev	1.568	44.87	7.132	3.4191	2.220
%RSD	.1244600	.1697352	.1272842	.4824138	.1404947

#1	1258.058	26478.84	5607.682	704.9920	1577.462
#2	1261.152	26445.68	5606.208	709.6110	1580.284
#3	1260.047	26390.04	5594.659	711.6685	1581.840

Sample Name: CCV059 Acquired: 10/20/2021 12:38:45 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV059 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.883453	4.843911	24.60946	4.919198	4.901360	412.0351	10.04375
Stddev	.002904	.027224	.04551	.010759	.013115	1.5212	.02293
%RSD	.0594707	.5620232	.1849352	.2187220	.2675692	.3691932	.2282808

#1	4.880807	4.871421	24.58779	4.908919	4.891036	412.5908	10.05026
#2	4.882991	4.843330	24.57882	4.918293	4.896929	413.2004	10.06271
#3	4.886560	4.816982	24.66175	4.930381	4.916117	410.3142	10.01827

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5124147	2.428671	397.8646	14.96365	2.478806	15.23800	425.8726
Stddev	.0029672	.005320	.8044	.03661	.001682	.03941	1.6336
%RSD	.5790567	.2190343	.2021902	.2446613	.0678468	.2586213	.3835793

#1	.5153282	2.430675	398.4797	14.93910	2.480598	15.25754	426.4162
#2	.5093966	2.422640	398.1599	15.00573	2.478559	15.26383	427.1651
#3	.5125193	2.432697	396.9542	14.94613	2.477262	15.19264	424.0366

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.62262	417.5944	2.421721	1.241191	412.3457	2.546093	15.25738
Stddev	.01511	1.6892	.002303	.004948	.6899	.018610	.07117
%RSD	.1033094	.4045125	.0951128	.3986843	.1673074	.7309364	.4664793

#1	14.63670	418.5262	2.424260	1.240222	412.2900	2.540166	15.26606
#2	14.62450	418.6124	2.419766	1.246553	413.0617	2.566945	15.32382
#3	14.60666	415.6445	2.421138	1.236799	411.6853	2.531168	15.18227

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	154.3886	4.988525	5.142073	4.913021	5.017943	5.057601	4.960087
Stddev	.3535	.013169	.023011	.016694	.010166	.032314	.011594
%RSD	.2289501	.2639830	.4474965	.3397997	.2025918	.6389186	.2337463

#1	154.5875	5.003617	5.163142	4.893933	5.027402	5.093270	4.947221
#2	154.5979	4.979367	5.117519	4.920234	5.019235	5.030281	4.963315
#3	153.9805	4.982592	5.145560	4.924897	5.007193	5.049250	4.969725

Sample Name: CCV059 Acquired: 10/20/2021 12:38:45 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV059 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.166752	5.142219	4.893983
Stddev	.021601	.020046	.060862
%RSD	.4180754	.3898279	1.243608

#1	5.169003	5.151646	4.963144
#2	5.187139	5.155814	4.870212
#3	5.144114	5.119198	4.848595

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1165.583	25704.79	5464.985	647.0234	1425.628
Stddev	2.534	74.93	16.769	1.5185	3.284
%RSD	.2173631	.2915170	.3068399	.2346867	.2303219

#1	1167.016	25790.94	5445.977	645.5377	1424.064
#2	1167.075	25654.77	5471.293	648.5726	1429.402
#3	1162.657	25668.65	5477.685	646.9599	1423.420

Sample Name: CCB059 Acquired: 10/20/2021 12:42:43 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB059 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023460	.0022720	.0015990	-.002431	.0000161	.0053800	-.003138
Stddev	.0018443	.0024079	.0008001	.005133	.0029306	.0077255	.000241
%RSD	78.61399	105.9804	50.04180	211.1388	18225.36	143.5959	7.687055

#1	.0043575	.0033585	.0018544	.002415	-.002350	.0014118	-.003414
#2	.0007344	-.000488	.0022402	-.001899	-.000897	.0142832	-.003026
#3	.0019462	.003945	.0007023	-.007808	.003294	.0004451	-.002972

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000108	.0000411	.0048985	-.000297	-.000288	-.002251	.0012672
Stddev	.000062	.0001708	.0024365	.000488	.000031	.000573	.0027857
%RSD	57.72152	415.3533	49.74031	164.6739	10.84018	25.44190	219.8407

#1	-.000106	.0001645	.0021576	.000017	-.000265	-.001870	-.001892
#2	-.000047	.0001127	.0057193	-.000859	-.000276	-.002910	.003371
#3	-.000171	-.000154	.0068187	-.000048	-.000324	-.001974	.002323

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000243	.0044448	-.000518	.0007188	-.391401	-.004529	.0002794
Stddev	.000467	.0131741	.000186	.0002760	.235696	.001014	.0038207
%RSD	192.0977	296.3957	35.96895	38.40068	60.21874	22.38895	1367.475

#1	-.000661	.0181818	-.000720	.0004828	-.139916	-.003515	.0041612
#2	.000261	-.008083	-.000352	.0006513	-.607251	-.004529	-.003477
#3	-.000329	.003236	-.000483	.0010223	-.427034	-.005543	.000154

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.008389	-.005391	.0083840	.0001854	-.001482	-.002108	-.000791
Stddev	.016813	.000983	.0025903	.0005835	.005835	.001477	.001786
%RSD	200.4107	18.22709	30.89613	314.7674	393.7199	70.06979	225.7497

#1	-.010583	-.005017	.0108952	.0008192	.003258	-.003743	.000159
#2	-.023998	-.004651	.0057212	-.000330	-.007999	-.000873	-.002852
#3	.009413	-.006506	.0085356	.000067	.000295	-.001707	.000319

Sample Name: CCB059 Acquired: 10/20/2021 12:42:43 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB059 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0011896	.0013987	-.000043
Stddev	.0012032	.0012859	.000057
%RSD	101.1411	91.93336	133.1522

#1	.0010142	.0026726	.000023
#2	.0000838	.0001012	-.000071
#3	.0024709	.0014224	-.000081

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1351.050	27904.85	5705.699	762.8827	1778.458
Stddev	1.071	48.13	14.448	1.1127	1.529
%RSD	.0792435	.1724664	.2532209	.1458513	.0859546

#1	1350.592	27951.71	5689.036	764.1579	1779.352
#2	1350.284	27907.29	5713.322	762.1093	1779.328
#3	1352.273	27855.55	5714.739	762.3809	1776.692

Sample Name: PB139899BL Acquired: 10/20/2021 12:55:48 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS899 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002097	.0026062	.0009033	.0030356	-.002084	.0018460	-.002514
Stddev	.000699	.0005581	.0030360	.0100751	.001078	.0034146	.000552
%RSD	33.34513	21.41557	336.1009	331.9011	51.73406	184.9756	21.94479

#1	-.002809	.0032506	.0010284	.0043732	-.003324	-.002065	-.002884
#2	-.002071	.0022780	-.002193	.0123750	-.001374	.004233	-.002779
#3	-.001411	.0022900	.003875	-.007642	-.001553	.003371	-.001880

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000002	.0001193	.0131657	.0000921	-.000209	-.000612	-.001166
Stddev	.000038	.0000492	.0029113	.0000860	.000044	.001249	.002898
%RSD	1954.005	41.25873	22.11275	93.32609	21.27762	203.9251	248.4765

#1	.000028	.0001283	.0131359	.0000130	-.000243	.000072	.000711
#2	.000011	.0001634	.0102694	.0001836	-.000224	-.002053	-.004504
#3	-.000044	.0000662	.0160917	.0000798	-.000159	.000144	.000294

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002768	.0094371	.0004602	.0005674	-.410064	-.002553	-.000126
Stddev	.0004349	.0290883	.0002565	.0002306	.251933	.003010	.001323
%RSD	157.1068	308.2346	55.73404	40.63942	61.43748	117.8929	1046.873

#1	-.000081	-.003790	.0001982	.0005674	-.654004	-.001845	-.000084
#2	.000151	-.010688	.0007108	.0003368	-.425353	-.005853	.001175
#3	.000761	.042788	.0004715	.0007980	-.150835	.000040	-.001470

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.053856	-.002749	-.004387	.0000902	-.008707	-.003433	-.002837
Stddev	.048902	.004685	.000638	.0003596	.004068	.001551	.002367
%RSD	90.80095	170.4620	14.54364	398.8000	46.71582	45.18089	83.45555

#1	-.099229	-.003027	-.003819	.0003391	-.004656	-.001647	-.000814
#2	-.002060	.002070	-.005077	.0002535	-.012791	-.004204	-.005440
#3	-.060280	-.007288	-.004265	-.000322	-.008674	-.004446	-.002256

Sample Name: PB139899BL Acquired: 10/20/2021 12:55:48 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBS899 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0008187	.0003562	-.000082
Stddev	.0007282	.0018600	.000041
%RSD	88.94251	522.2177	50.24761

#1	.0013224	-.000376	-.000129
#2	-.000016	.002471	-.000064
#3	.001150	-.001026	-.000053

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1337.659	27660.36	5690.789	753.0260	1762.074
Stddev	.918	176.95	47.163	8.9254	4.845
%RSD	.0686039	.6397252	.8287655	1.185274	.2749636

#1	1338.104	27482.18	5652.597	748.7257	1758.140
#2	1336.603	27662.83	5743.507	747.0648	1767.486
#3	1338.268	27836.06	5676.265	763.2874	1760.595

Sample Name: M4184-01 Acquired: 10/20/2021 12:59:59 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C0AZ1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.707244	-.003017	4.275834	.0286165	.0150975	65.15708	1.214788
Stddev	.008597	.004692	.008760	.0112377	.0017291	.11583	.004472
%RSD	.5035647	155.5109	.2048755	39.27000	11.45267	.1777725	.3680971

#1	1.703577	-.006838	4.282518	.0324229	.0131711	65.22807	1.213877
#2	1.701089	-.004434	4.279067	.0159700	.0165150	65.21976	1.219645
#3	1.717067	.002220	4.265917	.0374567	.0156063	65.02342	1.210842

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0114592	.0683215	221.4264	.1358526	.0947460	.9948235	372.0465
Stddev	.0001532	.0001836	.8532	.0004211	.0004423	.0040623	.5034
%RSD	1.336670	.2686732	.3853276	.3099766	.4668058	.4083402	.1353108

#1	.0114343	.0681445	221.8645	.1363184	.0948010	.9910161	371.5652
#2	.0116232	.0683091	221.9715	.1357406	.0942789	.9990999	372.5695
#3	.0113199	.0685110	220.4431	.1354988	.0951583	.9943545	372.0050

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.680836	16.36908	.1724346	.0259767	1.848051	.1724187	17.45011
Stddev	.010640	.03667	.0005644	.0003349	.158482	.0001543	.12492
%RSD	.2273200	.2240471	.3273108	1.289355	8.575640	.0894976	.7158425

#1	4.678099	16.37029	.1717872	.0255975	1.798003	.1725136	17.53425
#2	4.692578	16.33182	.1726935	.0261004	2.025515	.1725018	17.50951
#3	4.671832	16.40514	.1728231	.0262322	1.720635	.1722406	17.30658

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.942640	6.642850	.0687762	.0083763	11.08168	10.80406	.1879598
Stddev	.061954	.030408	.0064398	.0002532	.03420	.06634	.0006083
%RSD	1.042538	.4577567	9.363414	3.023302	.3086182	.6139900	.3236113

#1	5.889941	6.630584	.0740728	.0083684	11.04562	10.72773	.1872589
#2	6.010887	6.620490	.0706481	.0086334	11.08574	10.83664	.1882719
#3	5.927090	6.677475	.0616079	.0081271	11.11366	10.84780	.1883487

Sample Name: M4184-01 Acquired: 10/20/2021 12:59:59 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C0AZ1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7222112	.0795520	.2281352
Stddev	.0044082	.0010322	.0016836
%RSD	.6103742	1.297511	.7379706

#1	.7222412	.0805652	.2293272
#2	.7266044	.0795890	.2288690
#3	.7177881	.0785018	.2262092

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1407.800	29837.91	6201.608	799.3134	1693.396
Stddev	1.266	83.28	14.841	4.2366	2.727
%RSD	.0899488	.2791246	.2393063	.5300310	.1610137

#1	1406.364	29903.67	6217.771	796.7039	1690.252
#2	1408.280	29744.26	6198.458	797.0345	1695.113
#3	1408.757	29865.80	6188.596	804.2016	1694.824

Sample Name: M4184-02 Acquired: 10/20/2021 13:04:01 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C0B07 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1271750	-.000224	.9544836	.0313797	.0049748	78.46392	1.196290
Stddev	.0057996	.005416	.0017424	.0064022	.0018538	.31874	.005293
%RSD	4.560338	2420.646	.1825506	20.40233	37.26420	.4062243	.4424912

#1	.1255183	-.002297	.9555747	.0304198	.0053541	78.15318	1.201594
#2	.1223841	.005923	.9524741	.0382077	.0066096	78.44849	1.196267
#3	.1336228	-.004297	.9554021	.0255117	.0029607	78.79010	1.191007

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0156779	.0203125	451.6888	.1425732	.3310137	.3589471	430.7027
Stddev	.0000926	.0001487	1.2000	.0004131	.0009094	.0010463	3.7098
%RSD	.5904811	.7322560	.2656787	.2897221	.2747404	.2914883	.8613354

#1	.0157594	.0203558	452.6013	.1420997	.3303032	.3577413	426.9405
#2	.0155772	.0204349	452.1357	.1427600	.3306992	.3596143	430.8099
#3	.0156970	.0201470	450.3294	.1428599	.3320386	.3594858	434.3577

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.23271	22.35615	.4207956	.0113992	2.695989	.1948445	3.429481
Stddev	.03805	.17506	.0031758	.0007101	.169270	.0009567	.008590
%RSD	.2875521	.7830374	.7547043	6.229263	6.278573	.4910239	.2504835

#1	13.26895	22.15579	.4196254	.0106510	2.630574	.1943156	3.437746
#2	13.23609	22.43315	.4183711	.0120637	2.888204	.1942689	3.430098
#3	13.19308	22.47951	.4243905	.0114827	2.569188	.1959489	3.420599

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.332047	7.742857	.0687056	.0122172	9.169736	11.18746	.1033597
Stddev	.021018	.025885	.0068922	.0009595	.013114	.08241	.0026883
%RSD	.2866556	.3343088	10.03145	7.853955	.1430105	.7366307	2.600908

#1	7.310432	7.772721	.0681292	.0130695	9.175441	11.09237	.1026223
#2	7.333298	7.726854	.0621198	.0124043	9.154736	11.23182	.1063397
#3	7.352412	7.728997	.0758679	.0111779	9.179031	11.23819	.1011170

Sample Name: M4184-02 Acquired: 10/20/2021 13:04:01 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C0B07 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8503042	.1074586	.7167778
Stddev	.0029803	.0001363	.0021823
%RSD	.3504983	.1268449	.3044649

#1	.8475478	.1074453	.7177094
#2	.8498981	.1073294	.7183397
#3	.8534668	.1076011	.7142843

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1412.694	30038.34	6310.498	801.9102	1613.303
Stddev	2.527	81.60	25.863	4.2772	3.324
%RSD	.1788882	.2716511	.4098401	.5333736	.2060205

#1	1413.284	29944.81	6339.684	797.2572	1613.862
#2	1414.874	30075.23	6290.426	802.8025	1616.311
#3	1409.924	30094.98	6301.385	805.6708	1609.735

Sample Name: M4184-03 Acquired: 10/20/2021 13:08:04 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C0B11 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0530679	-.000759	.2868895	.0206359	.0008798	84.65156	.4349197
Stddev	.0088793	.009959	.0040315	.0048197	.0029598	.20597	.0018785
%RSD	16.73202	1312.788	1.405251	23.35603	336.4409	.2433133	.4319199

#1	.0575513	.009614	.2909389	.0252060	-.000246	84.57821	.4347812
#2	.0588117	-.001646	.2828761	.0156003	-.001352	84.88417	.4368636
#3	.0428408	-.010244	.2868535	.0211015	.004237	84.49232	.4331143

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0082841	.0065751	13.07595	.1592148	.0836565	.1418566	247.9582
Stddev	.0000964	.0001333	.07166	.0015072	.0006058	.0005893	.1538
%RSD	1.164104	2.028165	.5479913	.9466559	.7241711	.4154023	.0620171

#1	.0081728	.0067204	13.05409	.1580834	.0830083	.1414828	248.1024
#2	.0083378	.0064583	13.15599	.1586353	.0837529	.1425359	247.7964
#3	.0083417	.0065465	13.01778	.1609258	.0842084	.1415511	247.9759

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.752162	7.442794	.0765170	.0082813	.8804220	.2259379	.9232649
Stddev	.010293	.036071	.0005973	.0004957	.0995235	.0039832	.0016422
%RSD	.5874266	.4846423	.7806692	5.986124	11.30407	1.762987	.1778731

#1	1.754985	7.417129	.0760594	.0081218	.9008713	.2262926	.9232916
#2	1.760750	7.484036	.0762988	.0088371	.9681325	.2217891	.9216094
#3	1.740753	7.427217	.0771928	.0078849	.7722622	.2297319	.9248936

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.064993	2.571691	.0218194	.0064886	1.281020	16.29341	.0141783
Stddev	.025109	.011951	.0018798	.0006685	.009028	.07690	.0027166
%RSD	.6176953	.4647029	8.615263	10.30246	.7047765	.4719904	19.16060

#1	4.036476	2.584743	.0237689	.0064753	1.270651	16.22704	.0115910
#2	4.083782	2.569044	.0200180	.0071637	1.285274	16.37769	.0170080
#3	4.074723	2.561285	.0216712	.0058269	1.287136	16.27550	.0139358

Sample Name: M4184-03 Acquired: 10/20/2021 13:08:04 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: C0B11 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5342514	.0536666	-.171106
Stddev	.0104907	.0004166	.000414
%RSD	1.963631	.7763412	.2421745

#1	.5241087	.0541461	-.171456
#2	.5450585	.0533936	-.170648
#3	.5335869	.0534600	-.171213

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1462.166	30407.61	6321.014	827.4844	1766.573
Stddev	6.122	42.51	26.248	1.8482	5.702
%RSD	.4187036	.1397981	.4152552	.2233552	.3227514

#1	1469.055	30400.36	6339.434	827.8203	1770.540
#2	1460.093	30369.18	6290.959	829.1417	1769.139
#3	1457.348	30453.27	6332.648	825.4913	1760.039

Sample Name: M4184-04 Acquired: 10/20/2021 13:12:09 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C0B17 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0688596	.0008203	.5834637	.0203945	.0005331	80.14066	.4191041
Stddev	.0050463	.0079782	.0016127	.0120077	.0027020	.31195	.0005743
%RSD	7.328411	972.5381	.2764064	58.87698	506.8504	.3892494	.1370186

#1	.0672341	-.008341	.5818076	.0324005	-.000518	80.43839	.4193979
#2	.0648264	.006239	.5835544	.0083851	.003603	80.16739	.4194721
#3	.0745184	.004563	.5850292	.0203980	-.001486	79.81621	.4184424

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065696	.0095631	13.60586	.1411066	.1254746	.1386164	209.3611
Stddev	.0000541	.0000713	.02190	.0005526	.0005345	.0004962	1.3448
%RSD	.8231590	.7455954	.1609810	.3915979	.4259994	.3579922	.6423286

#1	.0065084	.0094889	13.58437	.1417423	.1260912	.1391893	210.9068
#2	.0065898	.0095693	13.60504	.1408353	.1251439	.1383364	208.7166
#3	.0066107	.0096311	13.62816	.1407421	.1251886	.1383233	208.4598

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.993951	7.992679	.0768054	.0060865	.5742635	.2072341	1.266181
Stddev	.007317	.088284	.0007481	.0001488	.1994150	.0045186	.008960
%RSD	.2444053	1.104565	.9740713	2.444219	34.72535	2.180435	.7076105

#1	2.987020	8.047878	.0775840	.0062527	.7634551	.2077567	1.267366
#2	3.001602	8.039302	.0767402	.0059656	.5933394	.2114686	1.256688
#3	2.993232	7.890858	.0760920	.0060413	.3659960	.2024769	1.274490

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.227056	3.732205	.0222844	.0052052	2.390570	12.53456	.1917073
Stddev	.044524	.005352	.0050567	.0006473	.027090	.05096	.0018669
%RSD	1.053313	.1434070	22.69182	12.43526	1.133190	.4065264	.9738173

#1	4.224210	3.736765	.0279381	.0047692	2.359861	12.56311	.1895662
#2	4.184022	3.726312	.0207214	.0059490	2.400770	12.56485	.1929947
#3	4.272934	3.733538	.0181937	.0048975	2.411079	12.47573	.1925609

Sample Name: M4184-04 Acquired: 10/20/2021 13:12:09 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: C0B17 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4565876	.0553913	-.130972
Stddev	.0033951	.0004161	.001211
%RSD	.7435695	.7511438	.9246691

#1	.4605072	.0557183	-.132367
#2	.4546927	.0549230	-.130349
#3	.4545630	.0555326	-.130199

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1426.039	29772.64	6217.311	811.6499	1772.511
Stddev	1.741	53.26	13.076	4.8241	2.285
%RSD	.1220620	.1788761	.2103179	.5943594	.1289334

#1	1426.820	29712.17	6221.070	815.6581	1771.216
#2	1424.045	29812.56	6202.767	812.9958	1775.150
#3	1427.252	29793.18	6228.096	806.2957	1771.168

Sample Name: M4184-05 Acquired: 10/20/2021 13:16:14 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C0B20 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0665775	.0041270	.6101685	.0191709	.0008092	82.55679	.4507579
Stddev	.0026201	.0057164	.0035517	.0022658	.0023896	.13438	.0016859
%RSD	3.935472	138.5120	.5820897	11.81916	295.3154	.1627733	.3740119

#1	.0636066	.0028701	.6126209	.0207704	-.001680	82.40238	.4496246
#2	.0675680	-.000856	.6060956	.0201643	.001024	82.62070	.4526952
#3	.0685581	.010367	.6117891	.0165781	.003084	82.64729	.4499537

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062385	.0099681	14.88176	.1430288	.1275022	.1434035	190.5879
Stddev	.0001688	.0002258	.03959	.0006444	.0002079	.0022849	.9312
%RSD	2.705930	2.264820	.2660391	.4505131	.1630691	1.593351	.4885709

#1	.0062359	.0101982	14.91432	.1430557	.1275975	.1439391	189.6174
#2	.0060710	.0097469	14.83769	.1423714	.1276454	.1453730	190.6723
#3	.0064085	.0099591	14.89329	.1436592	.1272637	.1408983	191.4740

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.018326	8.179649	.0800953	.0060056	.7002298	.2114153	1.411278
Stddev	.005996	.017147	.0005899	.0003560	.0939302	.0024090	.006972
%RSD	.1986490	.2096293	.7364491	5.928217	13.41419	1.139453	.4939976

#1	3.025244	8.174568	.0805002	.0056396	.7951097	.2093686	1.412383
#2	3.015099	8.165617	.0794186	.0063507	.6072791	.2108073	1.417632
#3	3.014635	8.198762	.0803672	.0060264	.6983007	.2140701	1.403820

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.415817	3.940910	.0181271	.0061260	2.735767	12.79913	.0680874
Stddev	.095549	.005546	.0044704	.0010951	.017410	.13748	.0017332
%RSD	2.163791	.1407236	24.66161	17.87596	.6363898	1.074131	2.545539

#1	4.349079	3.945639	.0190254	.0055319	2.754707	12.78543	.0700847
#2	4.373100	3.942285	.0220801	.0054564	2.720459	12.66902	.0671987
#3	4.525272	3.934806	.0132757	.0073897	2.732135	12.94295	.0669788

Sample Name: M4184-05 Acquired: 10/20/2021 13:16:14 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C0B20 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4493778	.0579955	-.110551
Stddev	.0006562	.0010869	.000792
%RSD	.1460201	1.874165	.7161055

#1	.4486235	.0588893	-.109686
#2	.4496924	.0567855	-.110729
#3	.4498175	.0583117	-.111239

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1428.742	29693.11	6194.443	806.8198	1767.203
Stddev	2.500	60.34	30.896	2.8004	4.257
%RSD	.1749782	.2032066	.4987649	.3470892	.2409020

#1	1425.855	29650.63	6188.553	804.1875	1762.442
#2	1430.179	29666.53	6227.860	806.5094	1770.645
#3	1430.192	29762.18	6166.917	809.7624	1768.520

Sample Name: M4184-06 Acquired: 10/20/2021 13:20:15 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C0B27 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.052248	.0023689	2.979666	.0294409	.0127731	62.08562	1.524959
Stddev	.010689	.0059616	.009124	.0043570	.0026104	.05721	.002683
%RSD	1.015805	251.6640	.3062051	14.79925	20.43665	.0921465	.1759203

#1	1.042391	-.003396	2.970807	.0329954	.0112855	62.08425	1.522715
#2	1.063610	.001993	2.979156	.0245802	.0157872	62.14350	1.524232
#3	1.050744	.008510	2.989034	.0307472	.0112466	62.02911	1.527930

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0103340	.0434730	158.6398	.1084262	.0967695	.8070716	316.0394
Stddev	.0001281	.0001685	.2771	.0013166	.0004288	.0026938	.6086
%RSD	1.239930	.3875582	.1746698	1.214255	.4430880	.3337739	.1925822

#1	.0104748	.0433457	158.3629	.1093510	.0964911	.8041491	316.6835
#2	.0103031	.0434091	158.9171	.1090088	.0972633	.8094552	315.9609
#3	.0102242	.0436641	158.6394	.1069188	.0965542	.8076106	315.4739

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.490349	12.54215	.1370501	.0155922	2.420979	.1553490	13.42367
Stddev	.006293	.08857	.0011124	.0002367	.113543	.0028756	.07805
%RSD	.1401341	.7061483	.8116434	1.518312	4.689964	1.851061	.5814026

#1	4.483169	12.64412	.1357732	.0158507	2.303199	.1584379	13.51267
#2	4.494905	12.49791	.1378086	.0153860	2.529748	.1527495	13.36689
#3	4.492972	12.48442	.1375685	.0155398	2.429989	.1548596	13.39145

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.226058	4.522179	.1205807	.0083267	11.06296	17.09309	.0995824
Stddev	.035922	.021342	.0030971	.0004675	.05352	.06901	.0046225
%RSD	.5769575	.4719304	2.568515	5.614548	.4837493	.4037321	4.641868

#1	6.243302	4.507236	.1183848	.0088534	11.01899	17.13400	.1025352
#2	6.184765	4.546620	.1192341	.0079608	11.12255	17.13186	.1019567
#3	6.250106	4.512679	.1241231	.0081659	11.04735	17.01342	.0942552

Sample Name: M4184-06 Acquired: 10/20/2021 13:20:15 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C0B27 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.384773	.0729314	.7526080
Stddev	.002657	.0005206	.0018888
%RSD	.1918651	.7138575	.2509707

#1	1.387383	.0726817	.7513445
#2	1.382071	.0725828	.7547794
#3	1.384865	.0735299	.7517002

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1368.236	28955.58	6115.115	777.8783	1668.828
Stddev	5.479	40.37	17.115	2.6541	1.529
%RSD	.4004640	.1394375	.2798742	.3411985	.0916380

#1	1362.085	28967.16	6102.331	774.8325	1667.477
#2	1370.027	28988.90	6108.456	779.6956	1668.519
#3	1372.595	28910.68	6134.558	779.1068	1670.488

Sample Name: M4184-07 Acquired: 10/20/2021 13:24:15 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C0B43 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1373833	.0001647	.7739818	.0329764	.0040070	62.52731	1.286315
Stddev	.0043549	.0056654	.0016827	.0051410	.0023406	.80994	.017317
%RSD	3.169855	3438.703	.2174095	15.58984	58.41292	1.295344	1.346274

#1	.1354038	-.001588	.7754770	.0357866	.0051372	63.24954	1.303032
#2	.1343697	.006499	.7743090	.0360998	.0055681	62.68076	1.287459
#3	.1423762	-.004417	.7721596	.0270429	.0013158	61.65161	1.268454

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0189505	.0239623	592.1426	.2764905	.2715840	.3521132	606.2692
Stddev	.0004966	.0004736	7.1382	.0008683	.0005905	.0053983	7.7967
%RSD	2.620707	1.976526	1.205483	.3140385	.2174179	1.533102	1.286010

#1	.0192133	.0234708	598.7962	.2754912	.2718792	.3573686	612.6212
#2	.0192606	.0244157	593.0289	.2770610	.2719687	.3523884	608.6183
#3	.0183777	.0240005	584.6026	.2769192	.2709042	.3465826	597.5681

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.780290	22.15347	.4590996	.0163038	3.324457	.2397362	3.629331
Stddev	.121879	.35086	.0013914	.0009418	.237783	.0036875	.004192
%RSD	1.246175	1.583782	.3030609	5.776387	7.152528	1.538131	.1154997

#1	9.884187	22.46642	.4606371	.0161550	3.414607	.2436247	3.625608
#2	9.810551	22.21982	.4579272	.0173111	3.054782	.2392942	3.628512
#3	9.646130	21.77417	.4587344	.0154453	3.503983	.2362896	3.633871

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.640601	8.670902	.0555780	.0174588	10.55071	10.14081	.0730652
Stddev	.148131	.036872	.0085876	.0003903	.04228	.11179	.0003748
%RSD	2.626151	.4252368	15.45137	2.235318	.4007051	1.102355	.5129623

#1	5.780266	8.706867	.0653680	.0177310	10.52093	10.21569	.0726383
#2	5.656283	8.633185	.0520482	.0170117	10.53210	10.19443	.0732171
#3	5.485253	8.672654	.0493179	.0176337	10.59910	10.01231	.0733402

Sample Name: M4184-07 Acquired: 10/20/2021 13:24:15 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C0B43 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5817065	.0934219	.5392058
Stddev	.0095090	.0018530	.0066686
%RSD	1.634679	1.983502	1.236737

#1	.5915902	.0951594	.5455820
#2	.5809066	.0936345	.5397564
#3	.5726226	.0914717	.5322790

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1398.840	29976.37	6369.438	790.3940	1590.453
Stddev	4.838	59.17	79.137	2.1776	.494
%RSD	.3458835	.1973848	1.242453	.2755135	.0310689

#1	1404.398	29977.44	6295.279	788.2100	1591.005
#2	1396.548	30035.00	6360.278	792.5652	1590.303
#3	1395.573	29916.68	6452.757	790.4067	1590.052

Sample Name: M4184-08 Acquired: 10/20/2021 13:28:15 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C0B47 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.011343	.0031377	.1374562	.0331057	.0004449	97.29059	.3264553
Stddev	.000770	.0066038	.0039253	.0033526	.0020589	.11741	.0007721
%RSD	6.790090	210.4622	2.855700	10.12698	462.7790	.1206795	.2364946

#1	-.012135	-.004146	.1405708	.0308314	.0021939	97.42137	.3272560
#2	-.011298	.004825	.1330471	.0369559	-.001824	97.19424	.3257155
#3	-.010597	.008734	.1387507	.0315298	.000965	97.25618	.3263944

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0137432	.0091519	4.591189	.1788716	.1258236	.1948315	451.2393
Stddev	.0002141	.0002525	.019401	.0009973	.0002505	.0014194	.8399
%RSD	1.557688	2.759226	.4225744	.5575556	.1990893	.7285014	.1861315

#1	.0136274	.0094083	4.576169	.1778737	.1255346	.1937468	451.8488
#2	.0139902	.0089035	4.613093	.1788727	.1259774	.1964379	451.5878
#3	.0136120	.0091439	4.584303	.1798683	.1259589	.1943099	450.2812

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.809051	11.69180	.1587427	.0137338	1.523520	.2576136	.5270251
Stddev	.003336	.04647	.0005394	.0002393	.195697	.0035730	.0127567
%RSD	.1844061	.3974393	.3397887	1.742652	12.84507	1.386966	2.420502

#1	1.807317	11.72220	.1592576	.0140081	1.525059	.2542106	.5274984
#2	1.806940	11.63831	.1587888	.0136254	1.718444	.2572948	.5395385
#3	1.812897	11.71489	.1581818	.0135678	1.327058	.2613353	.5140384

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.833475	2.508046	.0350648	.0018974	.8075788	14.07678	.0123243
Stddev	.030195	.012532	.0060844	.0009002	.0079513	.05668	.0016638
%RSD	.4418632	.4996879	17.35179	47.44513	.9845860	.4026314	13.50020

#1	6.867688	2.521949	.0285887	.0027475	.8160295	14.13343	.0111554
#2	6.810554	2.497618	.0406618	.0019903	.8002450	14.02008	.0115883
#3	6.822183	2.504570	.0359441	.0009543	.8064620	14.07684	.0142291

Sample Name: M4184-08 Acquired: 10/20/2021 13:28:15 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: C0B47 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3082024	.0675239	-.405925
Stddev	.0032125	.0007744	.000792
%RSD	1.042336	1.146868	.1952207

#1	.3108982	.0666622	-.406638
#2	.3090613	.0677476	-.406065
#3	.3046478	.0681618	-.405072

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1506.404	31487.63	6574.859	849.5950	1738.686
Stddev	2.115	80.74	5.768	8.4847	2.211
%RSD	.1403700	.2564203	.0877226	.9986812	.1271820

#1	1504.245	31544.46	6580.318	853.9517	1736.206
#2	1506.495	31395.20	6568.826	839.8169	1740.452
#3	1508.471	31523.21	6575.434	855.0163	1739.400

Sample Name: M4184-09 Acquired: 10/20/2021 13:32:19 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C0B53 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0280870	-.002914	.3727754	.0181266	-.002084	112.9116	.4462680
Stddev	.0055632	.004321	.0034241	.0006943	.001264	.1728	.0013059
%RSD	19.80697	148.2699	.9185325	3.830105	60.68663	.1530003	.2926304

#1	.0216638	-.001517	.3755330	.0188771	-.000779	112.7510	.4458616
#2	.0313770	-.007761	.3689428	.0179952	-.003304	112.8893	.4477288
#3	.0312201	.000535	.3738503	.0175074	-.002167	113.0944	.4452137

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0068401	.0056649	7.671922	.1563566	.0889181	.1462041	229.7519
Stddev	.0003523	.0000665	.016628	.0008851	.0005358	.0013946	.0223
%RSD	5.150163	1.174050	.2167445	.5660873	.6025351	.9538768	.0096992

#1	.0072288	.0056837	7.657208	.1559046	.0892357	.1450095	229.7581
#2	.0065419	.0055910	7.668595	.1573765	.0892191	.1477366	229.7271
#3	.0067497	.0057200	7.689962	.1557888	.0882995	.1458661	229.7704

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.628719	9.814458	.0909853	.0074207	.7332408	.2673159	.8315296
Stddev	.001346	.041853	.0009587	.0000914	.0810124	.0007713	.0135061
%RSD	.0826342	.4264427	1.053635	1.231321	11.04853	.2885435	1.624249

#1	1.627264	9.802811	.0920755	.0074974	.8032929	.2671304	.8169508
#2	1.628973	9.860901	.0906067	.0074451	.6445255	.2666542	.8436158
#3	1.629920	9.779662	.0902738	.0073196	.7519040	.2681630	.8340222

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.186249	1.489518	.0186101	.0042305	.7970414	15.70161	.1421631
Stddev	.068329	.008145	.0045753	.0008935	.0105568	.05768	.0036830
%RSD	1.317500	.5467973	24.58483	21.12129	1.324493	.3673606	2.590690

#1	5.245948	1.485592	.0139953	.0050122	.7886295	15.75855	.1395518
#2	5.201074	1.484080	.0231448	.0032565	.8088877	15.64322	.1463757
#3	5.111725	1.498882	.0186904	.0044227	.7936069	15.70305	.1405617

Sample Name: M4184-09 Acquired: 10/20/2021 13:32:19 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C0B53 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4546172	.0778128	-.165313
Stddev	.0005057	.0002785	.000078
%RSD	.1112430	.3579464	.0468985

#1	.4543499	.0776424	-.165224
#2	.4552004	.0781343	-.165346
#3	.4543011	.0776619	-.165368

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1418.992	29531.25	6148.073	803.7927	1755.451
Stddev	1.573	47.46	12.539	6.4525	2.508
%RSD	.1108821	.1607242	.2039475	.8027506	.1428900

#1	1418.830	29513.85	6133.704	810.6566	1754.883
#2	1417.506	29494.94	6156.801	797.8509	1758.195
#3	1420.640	29584.95	6153.713	802.8706	1753.276

Sample Name: M4184-10 Acquired: 10/20/2021 13:36:23 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C0B55 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.021490	-.000648	.1341086	.0319738	.0001732	106.9654	.3497671
Stddev	.006010	.004069	.0006061	.0034041	.0026268	.1591	.0004090
%RSD	27.96751	628.2059	.4519085	10.64652	1516.480	.1487499	.1169260

#1	-.016671	.004050	.1337667	.0355470	-.000175	107.1120	.3493140
#2	-.019574	-.003052	.1337507	.0287688	.002957	106.7962	.3498784
#3	-.028225	-.002941	.1348083	.0316057	-.002262	106.9881	.3501089

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0148242	.0100737	4.814588	.2083340	.1116917	.2136636	500.0995
Stddev	.0002485	.0002301	.020069	.0005016	.0002310	.0019116	2.4304
%RSD	1.676199	2.284477	.4168271	.2407785	.2068333	.8946926	.4859930

#1	.0151112	.0099350	4.809177	.2082964	.1115357	.2144017	502.5120
#2	.0146805	.0099468	4.797780	.2078522	.1119571	.2150961	497.6515
#3	.0146810	.0103394	4.836808	.2088533	.1115823	.2114930	500.1350

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.662186	12.19746	.1733195	.0146061	1.732748	.2707754	.5689596
Stddev	.003012	.05620	.0003155	.0007049	.187753	.0032876	.0011597
%RSD	.1811899	.4607496	.1820444	4.826051	10.83555	1.214133	.2038306

#1	1.658723	12.22101	.1730632	.0147412	1.945007	.2723191	.5682098
#2	1.663639	12.13331	.1732234	.0138434	1.664834	.2670000	.5683736
#3	1.664196	12.23805	.1736719	.0152337	1.588402	.2730070	.5702954

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.461119	2.520972	.0412110	.0027875	.9039096	14.74620	.0138674
Stddev	.038144	.007563	.0024574	.0001815	.0062634	.11246	.0047437
%RSD	.5112370	.3000039	5.962877	6.511787	.6929261	.7626511	34.20779

#1	7.487548	2.528592	.0400509	.0027848	.9068556	14.85547	.0163436
#2	7.478417	2.520857	.0440337	.0029704	.9081569	14.63079	.0168607
#3	7.417390	2.513467	.0395486	.0026074	.8967163	14.75234	.0083980

Sample Name: M4184-10 Acquired: 10/20/2021 13:36:23 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: C0B55 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3136988	.0735982	-.449518
Stddev	.0023060	.0011104	.002497
%RSD	.7351110	1.508685	.5555140

#1	.3163485	.0729350	-.452027
#2	.3121454	.0729795	-.447033
#3	.3126025	.0748800	-.449493

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1512.471	31565.22	6582.898	851.0027	1722.839
Stddev	2.024	35.57	38.571	3.6073	1.322
%RSD	.1338057	.1126792	.5859238	.4238887	.0767229

#1	1510.144	31605.46	6538.411	848.4603	1721.914
#2	1513.818	31538.01	6606.989	849.4164	1724.353
#3	1513.452	31552.18	6603.294	855.1313	1722.249

Sample Name: M4184-11 Acquired: 10/20/2021 13:40:27 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AC4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0941733	.0022748	1.186617	.0247642	.0030406	92.68944	1.122771
Stddev	.0092876	.0031312	.003561	.0036028	.0030597	.22189	.001737
%RSD	9.862228	137.6467	.3001330	14.54842	100.6253	.2393897	.1547316

#1	.0934681	.0006011	1.189808	.0227072	.0001417	92.45543	1.120814
#2	.0852583	.0058872	1.182775	.0289243	.0062390	92.71607	1.124129
#3	.1037933	.0003361	1.187269	.0226612	.0027411	92.89681	1.123371

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0109743	.0233980	102.0368	.1642065	.1438729	.3250034	255.6366
Stddev	.0000717	.0002971	.3011	.0005849	.0003238	.0013982	1.0202
%RSD	.6531271	1.269875	.2950616	.3562145	.2250773	.4302176	.3990873

#1	.0110457	.0237194	101.8293	.1648642	.1442252	.3244435	254.5837
#2	.0109748	.0231333	101.8990	.1637448	.1435882	.3239719	256.6207
#3	.0109023	.0233413	102.3821	.1640104	.1438054	.3265948	255.7055

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.901701	13.58703	.1591689	.0094649	1.219536	.2167916	3.937237
Stddev	.023156	.11251	.0012217	.0004371	.088021	.0028317	.032677
%RSD	.2930453	.8280769	.7675489	4.617856	7.217576	1.306195	.8299518

#1	7.897817	13.45730	.1590996	.0092027	1.120090	.2155942	3.951991
#2	7.880733	13.64587	.1579833	.0099694	1.251079	.2147553	3.959935
#3	7.926553	13.65791	.1604238	.0092225	1.287439	.2200254	3.899784

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.318595	5.373818	.0266572	.0081505	3.773019	13.94699	.0718724
Stddev	.050402	.018330	.0043997	.0006304	.013251	.03818	.0022757
%RSD	.6886798	.3411027	16.50481	7.734550	.3512050	.2737156	3.166290

#1	7.279767	5.378787	.0259738	.0074462	3.785051	13.91878	.0726058
#2	7.375554	5.389152	.0313585	.0083429	3.775189	13.93176	.0736909
#3	7.300465	5.353516	.0226391	.0086622	3.758817	13.99043	.0693204

Sample Name: M4184-11 Acquired: 10/20/2021 13:40:27 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AC4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5779390	.0856916	.0319061
Stddev	.0029516	.0006081	.0009552
%RSD	.5107111	.7096709	2.993917

#1	.5750891	.0850753	.0326013
#2	.5777453	.0862912	.0308169
#3	.5809827	.0857082	.0323001

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1442.178	30346.77	6380.852	819.0344	1713.391
Stddev	3.537	132.25	8.277	7.7608	4.042
%RSD	.2452618	.4357895	.1297179	.9475503	.2359300

#1	1438.108	30250.96	6371.709	813.9743	1710.525
#2	1444.515	30291.70	6383.011	815.1594	1718.015
#3	1443.909	30497.65	6387.836	827.9697	1711.633

Sample Name: M4184-12 Acquired: 10/20/2021 13:44:30 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AD1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1621165	.0002702	1.441568	.0353345	.0041142	111.7619	1.578384
Stddev	.0118842	.0025681	.002893	.0037280	.0004880	.4151	.003064
%RSD	7.330642	950.5531	.2007027	10.55049	11.86142	.3714461	.1941194

#1	.1628212	.0016820	1.442919	.0317836	.0043800	111.5354	1.574981
#2	.1736327	.0018225	1.443538	.0350025	.0035510	111.5093	1.579247
#3	.1498957	-.002694	1.438246	.0392173	.0044116	112.2410	1.580924

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0126545	.0211313	27.76869	.1831520	.1399255	.3352604	353.4397
Stddev	.0003535	.0001328	.10303	.0008903	.0006107	.0009484	1.5715
%RSD	2.793773	.6283484	.3710376	.4860962	.4364424	.2828819	.4446391

#1	.0123047	.0211533	27.64987	.1838514	.1402290	.3341832	353.4132
#2	.0126470	.0209890	27.82294	.1821498	.1403250	.3356286	351.8816
#3	.0130117	.0212518	27.83326	.1834548	.1392225	.3359696	355.0243

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.011893	18.44738	.2130278	.0119010	2.097666	.2757862	3.199925
Stddev	.006067	.06890	.0002313	.0003866	.122920	.0031897	.032704
%RSD	.1009120	.3734822	.1085641	3.248811	5.859843	1.156595	1.022021

#1	6.005980	18.40981	.2129590	.0114644	2.207303	.2779874	3.231200
#2	6.018102	18.40543	.2132856	.0122001	1.964782	.2772430	3.165959
#3	6.011596	18.52690	.2128387	.0120386	2.120912	.2721282	3.202616

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.28981	7.156393	.0331687	.0134273	9.296614	14.75860	.0690204
Stddev	.011106	.030785	.0051226	.0003444	.039770	.05985	.0034340
%RSD	.0979375	.4301703	15.44412	2.564743	.4277857	.4054959	4.975308

#1	11.28649	7.136671	.0382781	.0130366	9.314609	14.69180	.0650604
#2	11.28079	7.140642	.0280330	.0136869	9.251027	14.77668	.0708243
#3	11.30214	7.191866	.0331950	.0135585	9.324205	14.80733	.0711765

Sample Name: M4184-12 Acquired: 10/20/2021 13:44:30 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0AD1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5508785	.1167073	-.105736
Stddev	.0013996	.0009244	.001707
%RSD	.2540708	.7920678	1.614433

#1	.5497287	.1167975	-.106502
#2	.5504699	.1157410	-.103780
#3	.5524370	.1175832	-.106926

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1464.563	30549.64	6392.972	828.5244	1721.121
Stddev	3.442	45.88	15.823	5.0099	.986
%RSD	.2349991	.1501973	.2475056	.6046799	.0573104

#1	1466.558	30496.69	6397.109	823.3233	1720.235
#2	1466.543	30577.61	6406.315	833.3183	1722.184
#3	1460.589	30574.63	6375.491	828.9314	1720.945

Sample Name: M4184-13 Acquired: 10/20/2021 13:48:34 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C0AZ2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9716827	-.006442	1.655733	.0351316	.0215423	106.9139	1.099676
Stddev	.0081474	.010381	.002018	.0009600	.0052460	.4155	.003578
%RSD	.8384841	161.1377	.1219054	2.732704	24.35209	.3886769	.3253522

#1	.9623409	.003261	1.653497	.0346546	.0186939	107.0056	1.097873
#2	.9753897	-.005198	1.657421	.0362367	.0275963	107.2759	1.097358
#3	.9773174	-.017389	1.656281	.0345034	.0183367	106.4601	1.103797

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0164857	.0315463	545.3860	.1772895	.0544961	.7076421	409.5583
Stddev	.0001280	.0005357	.2430	.0003904	.0002243	.0034868	2.3781
%RSD	.7766546	1.698211	.0445465	.2201968	.4115359	.4927402	.5806422

#1	.0165665	.0309393	545.3652	.1777395	.0546524	.7097137	409.2371
#2	.0165525	.0317466	545.1542	.1770876	.0545968	.7095962	412.0806
#3	.0163381	.0319530	545.6387	.1770414	.0542392	.7036165	407.3571

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.91184	25.74653	.1444422	.0114619	3.467878	.1532391	11.85642
Stddev	.03900	.25495	.0013434	.0006588	.095972	.0028070	.05800
%RSD	.3020464	.9902442	.9300980	5.747399	2.767461	1.831750	.4891854

#1	12.93972	25.71563	.1441035	.0111055	3.370386	.1557715	11.92217
#2	12.86727	26.01553	.1433005	.0122220	3.562254	.1537248	11.83458
#3	12.92852	25.50844	.1459226	.0110580	3.470993	.1502210	11.81251

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.844170	2.691533	.2502871	.0090012	23.67828	21.57735	.0775985
Stddev	.074081	.011463	.0036963	.0004191	.07855	.07618	.0036270
%RSD	.7525336	.4258982	1.476824	4.656218	.3317267	.3530526	4.674090

#1	9.851808	2.685831	.2529723	.0089680	23.63083	21.52763	.0752542
#2	9.914136	2.684038	.2518176	.0085997	23.76894	21.66505	.0817762
#3	9.766566	2.704729	.2460714	.0094360	23.63506	21.53936	.0757651

Sample Name: M4184-13 Acquired: 10/20/2021 13:48:34 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: C0AZ2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.014093	.1498941	1.040862
Stddev	.025799	.0006226	.002388
%RSD	.5145375	.4153874	.2294433

#1	5.022806	.1497406	1.042862
#2	5.034409	.1505791	1.041505
#3	4.985066	.1493626	1.038218

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1346.415	28599.05	6139.065	752.7770	1553.986
Stddev	3.169	22.79	14.830	5.9058	1.326
%RSD	.2353883	.0796923	.2415698	.7845314	.0852980

#1	1342.900	28575.89	6128.852	745.9766	1553.984
#2	1349.055	28621.45	6132.267	756.6183	1555.312
#3	1347.291	28599.80	6156.075	755.7360	1552.661

Sample Name: M4184-14 Acquired: 10/20/2021 13:52:34 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C0AZ3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8462863	.0000664	16.13737	.0384172	.0193247	76.27123
Stddev	.0073672	.0025162	.03816	.0051078	.0030937	.11363
%RSD	.8705302	3792.382	.2364485	13.29564	16.00896	.1489879

#1	.8448030	-.000538	16.16233	.0325323	.0224867	76.18790
#2	.8542823	-.002093	16.15634	.0410192	.0191831	76.40067
#3	.8397737	.002830	16.09345	.0417001	.0163042	76.22511

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.047873	.0151072	.1148265	176.5966	.1357566	.0841907
Stddev	.005190	.0003538	.0005814	.4921	.0000691	.0002996
%RSD	.4952619	2.341771	.5063172	.2786683	.0508732	.3558898

#1	1.047931	.0147121	.1145497	176.6111	.1357056	.0844560
#2	1.042654	.0153948	.1154945	176.0975	.1357289	.0842504
#3	1.053033	.0152146	.1144352	177.0814	.1358351	.0838658

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.032418	376.1922	9.224205	13.02627	.2628143	.0210211
Stddev	.003865	1.9034	.039908	.07876	.0017734	.0002887
%RSD	.1901899	.5059619	.4326463	.6045934	.6747869	1.373518

#1	2.029876	374.9898	9.240656	12.93686	.2636218	.0210744
#2	2.030512	378.3867	9.178701	13.05655	.2640403	.0212795
#3	2.036866	375.2000	9.253258	13.08538	.2607808	.0207094

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.486653	.1496404	F 59.34625	6.035663	3.782185	.1364924
Stddev	.090607	.0062883	.33085	.039832	.009386	.0047488
%RSD	3.643725	4.202251	.5574907	.6599469	.2481514	3.479203

#1	2.421213	.1434921	59.45283	5.989718	3.776245	.1314208
#2	2.448678	.1493692	58.97525	6.060481	3.793005	.1372225
#3	2.590068	.1560599	59.61068	6.056789	3.777305	.1408339

Sample Name: M4184-14 Acquired: 10/20/2021 13:52:34 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C0AZ3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0086249	16.24098	14.25915	.6535767	1.937753	.0902658
Stddev	.0005870	.00355	.11186	.0062449	.003169	.0006013
%RSD	6.806157	.0218815	.7844490	.9555001	.1635178	.6661373

#1	.0079614	16.23934	14.26892	.6577867	1.936872	.0901544
#2	.0088366	16.23854	14.36580	.6565419	1.941268	.0897280
#3	.0090767	16.24506	14.14273	.6464016	1.935118	.0909150

Elem	Sr4077
Units	ppm
Avg	.2900836
Stddev	.0027260
%RSD	.9397371

#1	.2926061
#2	.2871917
#3	.2904528

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1428.468	30229.39	6336.780	808.7337	1677.072
Stddev	2.542	107.84	22.102	3.7523	5.408
%RSD	.1779501	.3567236	.3487970	.4639727	.3224523

#1	1430.732	30293.34	6339.813	806.9971	1677.857
#2	1425.718	30289.94	6313.318	813.0398	1671.315
#3	1428.955	30104.89	6357.210	806.1644	1682.045

Sample Name: M4184-15 Acquired: 10/20/2021 13:56:33 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C0B02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0913950	.0021394	5.156006	.0219932	.0031855	92.88550	.7468030
Stddev	.0114964	.0026199	.012738	.0045171	.0008759	.24302	.0036526
%RSD	12.57875	122.4589	.2470441	20.53880	27.49637	.2616370	.4890991

#1	.1019762	-.000866	5.150665	.0224714	.0025546	93.16611	.7508928
#2	.0930467	.003939	5.146807	.0262522	.0028163	92.74281	.7438653
#3	.0791622	.003345	5.170544	.0172560	.0041855	92.74760	.7456510

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0102416	.0205551	23.93710	.1386952	.1141039	.3791366	304.1005
Stddev	.0002399	.0002301	.07710	.0013082	.0006532	.0004592	.8289
%RSD	2.342137	1.119435	.3220931	.9432138	.5724484	.1211105	.2725721

#1	.0101146	.0203557	24.02385	.1371854	.1134391	.3796643	305.0507
#2	.0100919	.0208069	23.87639	.1394927	.1147448	.3788284	303.5258
#3	.0105183	.0205027	23.91106	.1394075	.1141278	.3789171	303.7251

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.040983	11.77760	.1292710	.0114706	1.035670	.2077832	13.30948
Stddev	.024723	.12588	.0021830	.0001826	.092646	.0045536	.08949
%RSD	.6118056	1.068820	1.688723	1.592055	8.945542	2.191528	.6723484

#1	4.067537	11.90266	.1317855	.0115073	.928734	.2126234	13.29145
#2	4.018630	11.77923	.1278602	.0116321	1.086520	.2035841	13.40661
#3	4.036783	11.65091	.1281672	.0112725	1.091755	.2071422	13.23038

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.399686	4.076308	.0223857	.0055483	2.366882	14.35480	.1413159
Stddev	.160301	.005149	.0079758	.0005537	.006157	.14768	.0010903
%RSD	2.504818	.1263054	35.62913	9.980131	.2601211	1.028768	.7715575

#1	6.564422	4.080820	.0181490	.0056610	2.371435	14.39347	.1412026
#2	6.244224	4.070700	.0315858	.0049469	2.369333	14.19163	.1402867
#3	6.390412	4.077405	.0174223	.0060370	2.359877	14.47929	.1424585

Sample Name: M4184-15 Acquired: 10/20/2021 13:56:33 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: C0B02 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4726664	.0820342	-.171673
Stddev	.0018271	.0010296	.000437
%RSD	.3865494	1.255139	.2544157

#1	.4746977	.0828513	-.172169
#2	.4711571	.0808777	-.171503
#3	.4721445	.0823736	-.171347

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1453.594	30272.79	6287.142	820.0702	1741.226
Stddev	2.260	106.48	38.410	1.1979	.917
%RSD	.1554888	.3517356	.6109367	.1460717	.0526646

#1	1455.463	30356.23	6285.260	821.0055	1742.284
#2	1454.238	30152.86	6326.458	820.4851	1740.664
#3	1451.082	30309.27	6249.706	818.7200	1740.731

Sample Name: M4184-16 Acquired: 10/20/2021 14:00:36 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C0B09 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0746542	.0038324	.7220550	.0270196	-.001614	74.10976
Stddev	.0052386	.0032677	.0037100	.0101026	.002757	.25450
%RSD	7.017141	85.26373	.5138051	37.38998	170.7912	.3434059

#1	.0689366	.0052943	.7190769	.0260601	-.004623	73.86486
#2	.0758026	.0000890	.7208772	.0375677	.000793	74.37287
#3	.0792232	.0061140	.7262109	.0174309	-.001014	74.09155

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.210179	.0110837	.0413387	38.93047	.1610212	.1450530
Stddev	.002800	.0001638	.0002804	.12452	.0003730	.0010687
%RSD	.2313840	1.478223	.6783742	.3198408	.2316646	.7367331

#1	1.208003	.0109535	.0412469	39.06560	.1613403	.1439556
#2	1.213338	.0110298	.0411158	38.82038	.1606111	.1451130
#3	1.209195	.0112676	.0416536	38.90543	.1611121	.1460903

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3101983	282.5468	6.388756	17.33499	.2261277	.0085390
Stddev	.0015424	1.7198	.005128	.07458	.0015385	.0003853
%RSD	.4972388	.6086825	.0802589	.4302301	.6803818	4.511993

#1	.3118624	280.6006	6.385516	17.30240	.2276160	.0087976
#2	.3088166	283.8619	6.386084	17.42032	.2245435	.0080961
#3	.3099160	283.1779	6.394667	17.28226	.2262235	.0087231

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.248346	.1925855	15.98348	7.999025	F 10.34276	.0336311
Stddev	.201730	.0048082	.10105	.125562	.05339	.0075176
%RSD	16.15978	2.496674	.6322322	1.569715	.5161873	22.35322

#1	1.015613	.1981364	15.90291	7.854111	10.39316	.0253028
#2	1.356260	.1897124	15.95066	8.067525	10.28682	.0356752
#3	1.373165	.1899077	16.09686	8.075440	10.34830	.0399152

Sample Name: M4184-16 Acquired: 10/20/2021 14:00:36 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C0B09 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0073905	4.746150	10.60009	.0865422	.5269175	.0750813
Stddev	.0002679	.014129	.01746	.0050799	.0030602	.0002710
%RSD	3.625218	.2976862	.1646730	5.869869	.5807660	.3610007

#1	.0075116	4.753600	10.59118	.0816924	.5234254	.0749282
#2	.0075765	4.729855	10.62020	.0861096	.5291309	.0749214
#3	.0070834	4.754994	10.58888	.0918246	.5281963	.0753942

Elem	Sr4077
Units	ppm
Avg	-.060016
Stddev	.001347
%RSD	2.245224

#1	-.058460
#2	-.060779
#3	-.060808

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1432.822	29940.68	6316.603	808.6773	1727.429
Stddev	1.847	30.08	5.116	3.5784	3.842
%RSD	.1288791	.1004797	.0809949	.4425065	.2224210

#1	1431.092	29973.85	6322.144	810.3206	1727.665
#2	1434.767	29933.04	6312.057	811.1389	1731.148
#3	1432.607	29915.15	6315.608	804.5723	1723.474

Sample Name: M4184-17 Acquired: 10/20/2021 14:04:37 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C0B15 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0908912	-.005069	1.085773	.0160414	.0001351	76.49980	1.180983
Stddev	.0068450	.008575	.006012	.0036365	.0034674	.07042	.001131
%RSD	7.530968	169.1674	.5536813	22.66918	2566.557	.0920508	.0957259

#1	.0932870	.001352	1.079194	.0128722	.0033358	76.52326	1.179740
#2	.0962163	-.001752	1.087145	.0152404	.0006180	76.42065	1.181261
#3	.0831704	-.014807	1.090981	.0200116	-.003548	76.55550	1.181949

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0056344	.0131560	26.80030	.1106687	.0643582	.1557253	183.6651
Stddev	.0000847	.0001223	.09125	.0002691	.0007007	.0020105	.3201
%RSD	1.503876	.9298911	.3404822	.2431754	1.088772	1.291026	.1742939

#1	.0057097	.0132173	26.69493	.1104897	.0636469	.1554659	183.5803
#2	.0056509	.0130151	26.85301	.1105381	.0643801	.1538571	183.3958
#3	.0055426	.0132356	26.85295	.1109782	.0650478	.1578528	184.0190

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.374537	10.10716	.0997895	.0062387	.5504275	.1661230	4.311070
Stddev	.004996	.02136	.0005351	.0002000	.0173669	.0022914	.034114
%RSD	.2104146	.2112954	.5362811	3.204940	3.155173	1.379362	.7913054

#1	2.370855	10.12684	.0995734	.0064183	.5628992	.1678253	4.277355
#2	2.372532	10.08445	.0993962	.0060233	.5305919	.1670260	4.310288
#3	2.380225	10.11018	.1003989	.0062744	.5577914	.1635176	4.345569

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.035669	4.466339	.0287978	.0056174	3.110959	12.97350	.0444357
Stddev	.009724	.030805	.0028850	.0003836	.027924	.09494	.0024402
%RSD	.1931101	.6897094	10.01826	6.829119	.8975900	.7317811	5.491623

#1	5.027857	4.473480	.0254755	.0053385	3.129514	13.07503	.0469197
#2	5.032589	4.432590	.0306706	.0054589	3.078845	12.88693	.0420417
#3	5.046560	4.492945	.0302475	.0060549	3.124518	12.95854	.0443457

Sample Name: M4184-17 Acquired: 10/20/2021 14:04:37 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C0B15 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6711755	.0569332	-.060968
Stddev	.0040376	.0010743	.000433
%RSD	.6015665	1.886905	.7106737

#1	.6687543	.0568232	-.061005
#2	.6689357	.0580582	-.060517
#3	.6758365	.0559181	-.061381

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1414.335	29431.49	6208.638	800.4293	1744.597
Stddev	2.416	87.04	14.367	3.9154	4.834
%RSD	.1708452	.2957225	.2313998	.4891593	.2770743

#1	1413.119	29524.93	6197.771	803.9809	1743.007
#2	1412.769	29416.82	6224.927	801.0762	1750.026
#3	1417.118	29352.72	6203.217	796.2307	1740.759

Sample Name: M4184-18 Acquired: 10/20/2021 14:08:38 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C0B15D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1017053	-.004274	1.087242	.0202249	.0004202	76.39568	1.192531
Stddev	.0072661	.002109	.003747	.0092335	.0018926	.08006	.004786
%RSD	7.144255	49.34530	.3446539	45.65432	450.4370	.1048008	.4013447

#1	.1027174	-.006478	1.091138	.0136550	.0026027	76.31069	1.189710
#2	.0939862	-.002274	1.083664	.0307821	-.000768	76.46968	1.189825
#3	.1084122	-.004071	1.086925	.0162376	-.000575	76.40666	1.198057

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0055285	.0132935	26.85671	.1102580	.0641292	.1552301	180.2277
Stddev	.0000623	.0000864	.07338	.0015574	.0005930	.0015903	.1856
%RSD	1.127502	.6500259	.2732121	1.412515	.9247150	1.024490	.1029672

#1	.0054583	.0133394	26.82218	.1090576	.0638432	.1545532	180.1287
#2	.0055774	.0131938	26.80697	.1096986	.0637335	.1540902	180.4418
#3	.0055498	.0133472	26.94098	.1120179	.0648111	.1570469	180.1126

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.357626	10.08787	.0993008	.0063135	.7196369	.1659266	4.303234
Stddev	.005322	.07427	.0012029	.0000963	.1006038	.0017934	.019529
%RSD	.2257549	.7362626	1.211373	1.524626	13.97980	1.080828	.4538099

#1	2.351706	10.05094	.0985584	.0064244	.6089513	.1639471	4.322921
#2	2.362014	10.17338	.1006887	.0062523	.7444403	.1663894	4.283868
#3	2.359159	10.03931	.0986554	.0062637	.8055191	.1674432	4.302912

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.975608	4.485387	.0250400	.0059005	3.134987	13.18539	.0467274
Stddev	.038751	.016823	.0029146	.0005298	.021331	.04921	.0027676
%RSD	.7788114	.3750521	11.63992	8.979247	.6804272	.3732101	5.922876

#1	4.985640	4.465982	.0283252	.0058038	3.113674	13.12857	.0442235
#2	4.932828	4.494319	.0240304	.0064720	3.156336	13.21456	.0462595
#3	5.008357	4.495860	.0227644	.0054257	3.134952	13.21303	.0496991

Sample Name: M4184-18 Acquired: 10/20/2021 14:08:38 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: C0B15D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6729857	.0571146	-.057021
Stddev	.0023777	.0012009	.000529
%RSD	.3533029	2.102599	.9269509

#1	.6702780	.0567876	-.057593
#2	.6747329	.0561111	-.056917
#3	.6739463	.0584452	-.056552

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1414.737	29533.54	6181.197	799.3424	1741.810
Stddev	1.076	61.17	8.572	4.2878	1.201
%RSD	.0760253	.2071036	.1386812	.5364124	.0689353

#1	1413.644	29602.99	6188.096	794.6035	1740.740
#2	1415.794	29509.90	6183.894	802.9538	1741.582
#3	1414.773	29487.71	6171.600	800.4697	1743.108

Sample Name: PB139899BS Acquired: 10/20/2021 14:12:40 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS899 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0243517	.0516585	.0210187	.0769412	.1258929	.4221718
Stddev	.0050382	.0013961	.0008762	.0026469	.0023453	.0039645
%RSD	20.68920	2.702618	4.168771	3.440143	1.862892	.9390823

#1	.0289330	.0531772	.0220251	.0790696	.1285964	.4189193
#2	.0189559	.0513676	.0204256	.0739774	.1244046	.4265879
#3	.0251663	.0504308	.0206053	.0777766	.1246778	.4210081

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3929882	.0114090	.0102337	10.54978	.0218652	.1016297
Stddev	.0026482	.0000591	.0001800	.01077	.0001828	.0012264
%RSD	.6738549	.5176967	1.758864	.1020537	.8359063	1.206693

#1	.3942380	.0113946	.0101410	10.56219	.0216614	.1002365
#2	.3947801	.0114740	.0101189	10.54294	.0220146	.1021071
#3	.3899464	.0113586	.0104411	10.54421	.0219196	.1025456

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0519065	.2371585	.0329325	10.63688	.0811974	.0204038
Stddev	.0027627	.0137445	.0005374	.08539	.0008436	.0003260
%RSD	5.322420	5.795511	1.631892	.8027764	1.038902	1.597555

#1	.0539645	.2523896	.0333999	10.65747	.0818511	.0207311
#2	.0487666	.2256799	.0323452	10.54308	.0814959	.0204011
#3	.0529883	.2334062	.0330523	10.71009	.0802451	.0200792

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.14094	.1060972	.1256200	10.13159	.0169341	F .2062605
Stddev	.39320	.0018668	.0042724	.12146	.0038165	.0043001
%RSD	3.877334	1.759481	3.401070	1.198868	22.53769	2.084773

#1	9.96553	.1066843	.1277945	10.00098	.0173064	.2060125
#2	9.86598	.1040074	.1283678	10.15263	.0129450	.2020898
#3	10.59132	.1075998	.1206978	10.24116	.0205508	.2106792

Sample Name: PB139899BS Acquired: 10/20/2021 14:12:40 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS899 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0216647	.1812345	.2087888	F .0091549	.2230842	.0314405
Stddev	.0009983	.0037658	.0036174	.0009712	.0029703	.0004186
%RSD	4.607860	2.077848	1.732567	10.60795	1.331474	1.331497

#1	.0218518	.1768914	.2046436	.0097682	.2252143	.0318247
#2	.0205860	.1835908	.2104154	.0096613	.2196911	.0315024
#3	.0225561	.1832213	.2113074	.0080352	.2243471	.0309943

Elem	Sr4077
Units	ppm
Avg	.2295170
Stddev	.0005479
%RSD	.2387300

#1	.2294423
#2	.2290103
#3	.2300985

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1316.356	27305.33	5703.481	738.5681	1747.556
Stddev	1.014	56.47	33.286	3.7885	2.085
%RSD	.0770505	.2068143	.5836106	.5129500	.1193235

#1	1315.837	27241.46	5709.599	734.6342	1747.200
#2	1317.524	27325.89	5733.284	738.8778	1749.796
#3	1315.706	27348.64	5667.561	742.1922	1745.671

Sample Name: CCV060 Acquired: 10/20/2021 14:16:47 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV060 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.985700	4.925750	24.77290	5.055761	5.018244	416.8792	10.16929
Stddev	.016609	.026655	.06135	.019193	.010181	1.6026	.01253
%RSD	.3331369	.5411378	.2476622	.3796295	.2028714	.3844234	.1231705

#1	4.990056	4.895398	24.82486	5.041837	5.008655	415.8310	10.15493
#2	4.967347	4.945347	24.70522	5.047792	5.017149	418.7240	10.17496
#3	4.999697	4.936505	24.78862	5.077656	5.028927	416.0827	10.17798

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5074739	2.437269	398.1268	15.03360	2.498641	15.33965	419.8131
Stddev	.0042038	.002361	1.3823	.02802	.002469	.05630	2.3275
%RSD	.8283859	.0968874	.3471919	.1863531	.0987975	.3669957	.5544226

#1	.5055854	2.439425	397.0993	15.01366	2.500643	15.28026	418.5447
#2	.5122908	2.434745	399.6983	15.02151	2.495883	15.39224	422.4993
#3	.5045456	2.437638	397.5828	15.06563	2.499397	15.34644	418.3952

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.60042	413.7432	2.448874	1.257985	411.6919	2.537367	15.43058
Stddev	.05937	1.4783	.002198	.001710	1.4253	.004898	.16096
%RSD	.4066081	.3572890	.0897622	.1358946	.3462140	.1930188	1.043100

#1	14.55923	412.5643	2.448604	1.256051	411.0456	2.531966	15.34063
#2	14.66847	415.4017	2.451195	1.258612	413.3259	2.538616	15.33470
#3	14.57356	413.2637	2.446823	1.259293	410.7041	2.541519	15.61640

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	155.6094	5.156358	5.097219	5.002369	5.119681	5.029853	5.017863
Stddev	.5038	.033054	.040823	.006236	.026466	.047433	.014670
%RSD	.3237838	.6410317	.8008922	.1246548	.5169422	.9430362	.2923493

#1	155.2265	5.118452	5.088806	4.997202	5.089978	5.004975	5.021572
#2	156.1802	5.171451	5.141593	5.000608	5.140757	5.084550	5.030323
#3	155.4216	5.179172	5.061258	5.009295	5.128307	5.000034	5.001695

Sample Name: CCV060 Acquired: 10/20/2021 14:16:47 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV060 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.159576	5.186014	4.920852
Stddev	.014919	.008990	.046787
%RSD	.2891497	.1733558	.9507836

#1	5.145385	5.177483	4.880169
#2	5.175129	5.195402	4.971977
#3	5.158213	5.185157	4.910410

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1150.669	25419.24	5517.893	637.0056	1411.084
Stddev	2.780	38.38	33.550	5.5323	2.799
%RSD	.2415993	.1509873	.6080310	.8684776	.1983624

#1	1151.000	25388.89	5530.358	639.7142	1407.855
#2	1153.268	25462.38	5479.894	640.6616	1412.818
#3	1147.737	25406.45	5543.427	630.6410	1412.580

Sample Name: CCB060 Acquired: 10/20/2021 14:20:44 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB060 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001273	.0000949	.0007485	.0004746	-.002860	.0010134	-.003530
Stddev	.005038	.0025487	.0003341	.0014885	.001807	.0071145	.000442
%RSD	395.6794	2685.446	44.63382	313.6584	63.18592	702.0658	12.51793

#1	-.002524	-.001165	.0003981	-.001068	-.000827	-.000725	-.003765
#2	-.005568	.003028	.0010634	.001902	-.004285	-.005071	-.003020
#3	.004272	-.001578	.0007842	.000590	-.003467	.008836	-.003805

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000563	.0002023	.0184698	-.000060	-.000586	.0009449	.0123786
Stddev	.0000428	.0001137	.0112091	.000460	.000110	.0001855	.0067676
%RSD	76.01950	56.18154	60.68905	769.8256	18.73506	19.63274	54.67188

#1	.0000085	.0002358	.0269621	-.000527	-.000542	.0007468	.0159201
#2	.0000910	.0002955	.0057646	.000393	-.000711	.0009734	.0045751
#3	.0000695	.0000757	.0226826	-.000046	-.000505	.0011145	.0166405

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000276	.0182765	.0001668	.0009674	-.646101	-.002434	.0007624
Stddev	.000256	.0288673	.0007045	.0004671	.197939	.000908	.0005274
%RSD	92.42906	157.9475	422.3639	48.28519	30.63592	37.31120	69.17212

#1	-.000152	.0197388	.0009732	.0013395	-.462535	-.003481	.0010247
#2	-.000107	.0463849	-.000144	.0011194	-.855814	-.001953	.0001553
#3	-.000570	-.011294	-.000329	.0004432	-.619955	-.001867	.0011072

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.022888	-.004030	.0034298	.0003008	.0006332	-.000492	-.002457
Stddev	.043101	.002750	.0019399	.0007222	.0043345	.000794	.002996
%RSD	188.3134	68.22233	56.55886	240.1170	684.5269	161.3687	121.9363

#1	-.030543	-.003770	.0052906	.0009123	.0052955	.000232	.000351
#2	.023528	-.001420	.0035792	-.000496	-.000122	-.001342	-.005612
#3	-.061648	-.006901	.0014196	.000486	-.003274	-.000367	-.002111

Sample Name: CCB060 Acquired: 10/20/2021 14:20:44 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB060 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0005858	.0000165	-.000013
Stddev	.0012104	.0005437	.000028
%RSD	206.6403	3284.972	220.7819

#1	.0015578	.0004416	-.000038
#2	-.000770	-.000596	-.000019
#3	.000970	.000204	.000018

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1306.442	27082.98	5688.684	739.5331	1724.560
Stddev	2.034	57.13	15.097	3.1209	4.640
%RSD	.1557278	.2109619	.2653816	.4220154	.2690703

#1	1306.614	27138.81	5674.802	740.0629	1727.146
#2	1308.385	27085.51	5686.494	736.1811	1727.331
#3	1304.327	27024.62	5704.757	742.3551	1719.203

Sample Name: M4184-19 Acquired: 10/20/2021 14:24:53 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C0B15S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1713187	.0921861	1.059467	.1155249	.0497069	82.89755	5.406255
Stddev	.0027630	.0022663	.005747	.0069298	.0055697	.11093	.015243
%RSD	1.612772	2.458433	.5424317	5.998527	11.20510	.1338214	.2819549

#1	.1701586	.0915914	1.052843	.1232218	.0448294	82.94599	5.404184
#2	.1693249	.0902764	1.062439	.1135713	.0557759	82.97603	5.422428
#3	.1744726	.0946905	1.063120	.1097817	.0485152	82.77064	5.392153

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1080386	.1146693	25.40829	.5285813	1.100211	.6423128	163.3443
Stddev	.0007332	.0004190	.00181	.0022567	.005397	.0020145	.3204
%RSD	.6786033	.3653963	.0071301	.4269349	.4905154	.3136334	.1961682

#1	.1088773	.1142212	25.40653	.5294645	1.094318	.6406385	163.7113
#2	.1075199	.1147355	25.40819	.5260166	1.101401	.6445485	163.2012
#3	.1077185	.1150513	25.41015	.5302629	1.104913	.6417515	163.1203

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.182937	9.998984	1.144458	.0973258	.6271958	1.167747	5.131956
Stddev	.008875	.014811	.000370	.0006019	.1727544	.002531	.019209
%RSD	.2788402	.1481225	.0323020	.6184104	27.54393	.2167633	.3742965

#1	3.191588	10.01589	1.144655	.0978928	.4957502	1.168363	5.117137
#2	3.183370	9.98830	1.144031	.0966943	.8228633	1.169913	5.125073
#3	3.173854	9.99276	1.144687	.0973902	.5629739	1.164964	5.153658

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.016864	4.116254	.0301812	.0066148	2.994787	13.33976	.0274910
Stddev	.022924	.022677	.0002998	.0003496	.010720	.07401	.0032968
%RSD	.4569481	.5509171	.9933896	5.284554	.3579465	.5547710	11.99226

#1	5.043302	4.092149	.0303321	.0062165	2.982501	13.42148	.0261781
#2	5.002500	4.119448	.0298359	.0068709	3.002232	13.32052	.0312419
#3	5.004791	4.137165	.0303755	.0067568	2.999628	13.27727	.0250529

Sample Name: M4184-19 Acquired: 10/20/2021 14:24:53 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C0B15S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6679172	.0614332	-.039742
Stddev	.0011756	.0015280	.000247
%RSD	.1760050	2.487189	.6209988

#1	.6691542	.0598448	-.039991
#2	.6668146	.0628925	-.039736
#3	.6677829	.0615622	-.039498

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1417.249	29588.38	6239.507	799.7330	1747.909
Stddev	2.846	94.79	33.149	1.9964	2.602
%RSD	.2008241	.3203780	.5312704	.2496308	.1488797

#1	1420.007	29605.06	6207.370	797.9833	1750.423
#2	1417.419	29673.73	6237.570	801.9076	1748.078
#3	1414.322	29486.35	6273.583	799.3081	1745.227

Sample Name: M4184-17LX5 Acquired: 10/20/2021 14:28:50 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C0B15L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0277140	.0022968	.2126282	.0065343	-.003286	15.61083	.2408268
Stddev	.0074749	.0015634	.0018199	.0028864	.001129	.02035	.0009926
%RSD	26.97155	68.06828	.8558851	44.17279	34.34824	.1303790	.4121501

#1	.0201766	.0007580	.2138722	.0053758	-.004415	15.60212	.2419319
#2	.0351248	.0038837	.2105395	.0098199	-.002158	15.59629	.2405374
#3	.0278407	.0022487	.2134729	.0044071	-.003284	15.63410	.2400111

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013544	.0024892	5.505719	.0221754	.0118836	.0323978	37.70067
Stddev	.0001312	.0000677	.022132	.0003255	.0002044	.0020512	.08948
%RSD	9.685709	2.720382	.4019761	1.467869	1.719848	6.331262	.2373539

#1	.0012169	.0025596	5.481700	.0219762	.0116476	.0344626	37.60866
#2	.0014782	.0024836	5.510171	.0225510	.0120013	.0303605	37.70596
#3	.0013682	.0024245	5.525287	.0219989	.0120020	.0323703	37.78739

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4909045	2.081871	.0197088	.0017050	-.187178	.0320011	.8839035
Stddev	.0028042	.010487	.0011930	.0000966	.092989	.0033524	.0097234
%RSD	.5712377	.5037446	6.053187	5.665141	49.67922	10.47574	1.100051

#1	.4932752	2.078756	.0184603	.0017135	-.294532	.0282808	.8736625
#2	.4916293	2.073294	.0198290	.0017970	-.135299	.0347874	.8850384
#3	.4878090	2.093563	.0208372	.0016044	-.131704	.0329352	.8930097

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9746786	.8772030	.0030147	.0008033	.6093897	2.707282	.0064538
Stddev	.0497337	.0053021	.0018788	.0001594	.0065465	.015219	.0007923
%RSD	5.102579	.6044278	62.32168	19.84281	1.074265	.5621471	12.27698

#1	.9483948	.8808023	.0017270	.0006798	.6147289	2.718962	.0055449
#2	1.032040	.8711143	.0021465	.0009833	.6113543	2.712813	.0069988
#3	.943602	.8796923	.0051706	.0007469	.6020859	2.690071	.0068177

Sample Name: M4184-17LX5 Acquired: 10/20/2021 14:28:50 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: C0B15L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1368898	.0107539	-.012562
Stddev	.0014877	.0002241	.000194
%RSD	1.086772	2.084162	1.545113

#1	.1360020	.0106397	-.012338
#2	.1360601	.0106098	-.012675
#3	.1386073	.0110121	-.012673

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1341.918	27918.88	5843.168	759.5051	1757.199
Stddev	3.458	39.26	10.655	.6039	1.129
%RSD	.2576697	.1406347	.1823469	.0795168	.0642652

#1	1345.207	27957.63	5830.967	758.8166	1758.336
#2	1342.234	27919.88	5850.641	759.9452	1756.078
#3	1338.314	27879.13	5847.894	759.7535	1757.183

Sample Name: M4184-20 Acquired: 10/20/2021 14:32:54 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C0B16 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0409025	.0014687	.5292817	.0109324	-.002099	74.87928	.6762136
Stddev	.0056129	.0051037	.0017268	.0077400	.002990	.22632	.0007677
%RSD	13.72255	347.5007	.3262484	70.79920	142.4150	.3022483	.1135301

#1	.0437712	-.004255	.5312154	.0165628	-.004091	74.86445	.6754285
#2	.0445014	.003116	.5278935	.0021062	-.003545	75.11265	.6762496
#3	.0344351	.005546	.5287363	.0141281	.001338	74.66074	.6769627

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0066152	.0129210	72.24436	.1034526	.0983259	.1162196	143.4619
Stddev	.0000670	.0002391	.04171	.0009903	.0004824	.0016686	.9222
%RSD	1.012877	1.850550	.0577339	.9572630	.4905780	1.435728	.6428271

#1	.0066274	.0128225	72.26760	.1034340	.0977863	.1179625	143.7488
#2	.0066753	.0131936	72.19621	.1024717	.0984761	.1160595	144.2065
#3	.0065430	.0127469	72.26927	.1044520	.0987153	.1146369	142.4303

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.604770	13.97041	.0985167	.0046829	1.720351	.1396901	2.117233
Stddev	.004359	.11115	.0003077	.0002516	.125812	.0006073	.006637
%RSD	.2716099	.7956228	.3123449	5.373194	7.313159	.4347718	.3134946

#1	1.605849	13.99740	.0981898	.0044187	1.861486	.1398884	2.111403
#2	1.599973	14.06558	.0985594	.0047104	1.619963	.1390084	2.124456
#3	1.608488	13.84825	.0988008	.0049197	1.679603	.1401735	2.115840

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.859120	2.491270	.0101989	.0053537	1.428522	11.14091	.0714969
Stddev	.042897	.005177	.0018830	.0002180	.012093	.06832	.0033228
%RSD	1.500351	.2077946	18.46253	4.072409	.8465600	.6132049	4.647474

#1	2.896131	2.492557	.0116374	.0051560	1.436028	11.21063	.0710808
#2	2.869124	2.495682	.0108916	.0053176	1.434968	11.13801	.0750081
#3	2.812105	2.485571	.0080677	.0055876	1.414572	11.07409	.0684016

Sample Name: M4184-20 Acquired: 10/20/2021 14:32:54 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C0B16 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4600479	.0456117	.1816807
Stddev	.0019809	.0005381	.0006614
%RSD	.4305888	1.179692	.3640716

#1	.4599005	.0461329	.1814191
#2	.4620983	.0456439	.1811900
#3	.4581447	.0450582	.1824329

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1502.424	31432.07	6634.967	852.5622	1725.749
Stddev	2.055	108.47	58.788	4.5226	3.454
%RSD	.1367829	.3451038	.8860381	.5304701	.2001321

#1	1500.124	31306.83	6567.124	850.2445	1722.956
#2	1503.069	31496.50	6670.910	857.7738	1724.681
#3	1504.080	31492.88	6666.867	849.6683	1729.611

Sample Name: M4184-21 Acquired: 10/20/2021 14:36:58 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C0B28 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4723170	-.012476	25.52831	.0447090	.0379108	137.1801
Stddev	.0036451	.007013	.06526	.0080295	.0009332	.4340
%RSD	.7717557	56.20804	.2556287	17.95939	2.461503	.3163710

#1	.4682390	-.006418	25.58723	.0362015	.0389452	136.8166
#2	.4734537	-.020158	25.45817	.0457705	.0371322	137.6606
#3	.4752584	-.010853	25.53953	.0521549	.0376550	137.0632

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.696741	.0257971	.2067631	687.1454	.1566742	.0924394
Stddev	.011059	.0003153	.0003364	2.6581	.0009635	.0009313
%RSD	.6517678	1.222273	.1626719	.3868313	.6149648	1.007424

#1	1.689749	.0261604	.2071499	685.3267	.1564431	.0922174
#2	1.709491	.0256353	.2065397	690.1960	.1577322	.0916393
#3	1.690983	.0255955	.2065996	685.9137	.1558473	.0934616

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.166621	430.9981	23.16622	35.48195	.2188246	.0336813
Stddev	.009052	1.7680	.09154	.29131	.0003412	.0005855
%RSD	.2858612	.4102092	.3951592	.8210202	.1559014	1.738383

#1	3.159829	429.0378	23.15153	35.26728	.2186291	.0332232
#2	3.176898	431.4845	23.26422	35.36502	.2186262	.0343409
#3	3.163136	432.4719	23.08291	35.81357	.2192186	.0334797

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.165090	.1559283	F 71.91438	10.24717	3.200638	.3383748
Stddev	.288325	.0017783	.60473	.05346	.007221	.0063071
%RSD	6.922420	1.140470	.8409027	.5217488	.2256204	1.863949

#1	3.833460	.1575312	71.22397	10.23835	3.208237	.3319745
#2	4.356353	.1540154	72.16907	10.30450	3.193865	.3385654
#3	4.305456	.1562385	72.35010	10.19867	3.199811	.3445844

Sample Name: M4184-21 Acquired: 10/20/2021 14:36:58 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C0B28 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0097237	38.23773	19.14092	.5389568	5.596591	.1442990
Stddev	.0009665	.06920	.10946	.0028021	.017514	.0014650
%RSD	9.939532	.1809751	.5718778	.5199072	.3129476	1.015278
#1	.0093661	38.31518	19.26573	.5378732	5.578368	.1435565
#2	.0089870	38.21601	19.09581	.5368583	5.613298	.1433538
#3	.0108180	38.18199	19.06122	.5421388	5.598107	.1459866

Elem	Sr4077
Units	ppm
Avg	1.533062
Stddev	.007661
%RSD	.4997175
#1	1.533050
#2	1.540729
#3	1.525407

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1433.120	30770.11	6594.861	810.0243	1492.946
Stddev	3.114	107.68	11.375	6.9361	2.966
%RSD	.2173209	.3499459	.1724835	.8562771	.1986714
#1	1435.143	30885.57	6598.199	816.7550	1489.987
#2	1429.534	30672.43	6582.190	802.8997	1492.934
#3	1434.684	30752.32	6604.192	810.4183	1495.919

Sample Name: M4184-22 Acquired: 10/20/2021 14:40:55 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C0B29 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3352078	-.005725	11.45222	.0293735	.0238262	68.86806
Stddev	.0035602	.000931	.01264	.0037311	.0022932	.21338
%RSD	1.062096	16.26006	.1103428	12.70215	9.624575	.3098450

#1	.3359949	-.006533	11.45893	.0331262	.0218104	69.07896
#2	.3383086	-.005935	11.43764	.0256644	.0233471	68.87295
#3	.3313199	-.004707	11.46009	.0293299	.0263211	68.65227

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6751108	.0147552	.1406838	80.73983	.1544397	.1118523
Stddev	.0010865	.0000651	.0005074	.17719	.0015146	.0004287
%RSD	.1609387	.4414027	.3606774	.2194550	.9807210	.3832834

#1	.6761308	.0147851	.1412498	80.77202	.1557263	.1123224
#2	.6752333	.0148000	.1402697	80.89872	.1548225	.1114829
#3	.6739682	.0146805	.1405319	80.54876	.1527705	.1117517

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.006559	381.6487	5.429658	8.734066	.2308171	.0214388
Stddev	.008055	1.1777	.016089	.064029	.0006138	.0004383
%RSD	.4014105	.3085796	.2963191	.7330979	.2659341	2.044320

#1	2.010501	383.0069	5.418453	8.790022	.2309493	.0211004
#2	2.011883	380.9116	5.448094	8.747938	.2301479	.0212821
#3	1.997292	381.0275	5.422427	8.664238	.2313540	.0219338

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.501405	.1946041	F 57.94206	5.201274	4.008338	.1080807
Stddev	.226051	.0051077	.34852	.016426	.021087	.0039870
%RSD	9.036955	2.624678	.6015001	.3158101	.5260833	3.688960

#1	2.512960	.1973354	58.25027	5.216599	4.030441	.1125064
#2	2.269799	.1977654	58.01206	5.183933	4.006134	.1069665
#3	2.721457	.1887114	57.56385	5.203290	3.988440	.1047693

Sample Name: M4184-22 Acquired: 10/20/2021 14:40:55 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C0B29 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0077859	9.009871	21.63418	.2344303	1.595223	.0905113
Stddev	.0004572	.014122	.00933	.0029192	.008598	.0016493
%RSD	5.871705	.1567407	.0431194	1.245234	.5390039	1.822195

#1	.0075964	9.005400	21.63666	.2311400	1.603961	.0922676
#2	.0083074	9.025688	21.62387	.2354416	1.594935	.0889953
#3	.0074540	8.998525	21.64202	.2367095	1.586772	.0902710

Elem	Sr4077
Units	ppm
Avg	.0134917
Stddev	.0004511
%RSD	3.343206

#1	.0136959
#2	.0138046
#3	.0129747

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1392.312	29216.00	6181.803	780.7236	1676.649
Stddev	3.431	114.89	8.488	7.3107	5.036
%RSD	.2464212	.3932571	.1373038	.9363996	.3003565

#1	1388.360	29155.45	6174.893	776.1648	1671.263
#2	1394.050	29144.05	6179.238	776.8501	1677.443
#3	1394.527	29348.51	6191.278	789.1560	1681.240

Sample Name: PB140028BL Acquired: 10/20/2021 14:45:37 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS028 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003084	.0014230	.0013111	-.003505	-.002535	-.002963	-.003137
Stddev	.004132	.0030384	.0015027	.006647	.003038	.003904	.000723
%RSD	133.9912	213.5244	114.6093	189.6460	119.8439	131.7695	23.05292

#1	.000122	.0042746	.0018634	.004088	-.006040	-.002471	-.003526
#2	-.007747	-.001773	.0024594	-.008272	-.000679	.000672	-.003582
#3	-.001627	.001767	-.000390	-.006331	-.000885	-.007090	-.002302

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000023	.0000096	.0057298	-.000343	-.000458	.0005996	.0020874
Stddev	.0000849	.0000770	.0022099	.000336	.000407	.0014180	.0074283
%RSD	3653.717	805.8161	38.56832	97.83388	88.77426	236.4989	355.8744

#1	-.000006	-.000071	.0045094	.000006	-.000074	.0005177	.0069874
#2	-.000078	.000082	.0043993	-.000373	-.000884	-.000776	-.006460
#3	.000091	.000017	.0082808	-.000663	-.000416	.002057	.005734

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000145	.0019111	.0001188	.0007576	-.498806	-.001027	.0056431
Stddev	.000097	.0320146	.0003752	.0002293	.253642	.001061	.0029582
%RSD	66.58874	1675.201	315.8827	30.26533	50.84986	103.3968	52.42188

#1	-.000034	.0388615	-.000314	.0006546	-.724225	.000055	.0084931
#2	-.000199	-.015594	.000325	.0005978	-.548034	-.001068	.0058488
#3	-.000203	-.017534	.000346	.0010203	-.224158	-.002067	.0025874

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.027857	-.003641	-.007320	-.000128	.0039749	-.001530	-.002604
Stddev	.028132	.002208	.000451	.000241	.0075872	.000527	.002921
%RSD	100.9854	60.64496	6.158852	188.6663	190.8771	34.47161	112.1756

#1	-.026788	-.004106	-.007553	-.000361	.0060338	-.000944	-.005438
#2	-.056509	-.001237	-.006801	-.000143	.0103201	-.001967	-.002771
#3	-.000276	-.005579	-.007607	.000121	-.004429	-.001679	.000397

Sample Name: PB140028BL Acquired: 10/20/2021 14:45:37 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBS028 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0005769	-.000641	-.000060
Stddev	.0003601	.000307	.000131
%RSD	62.41792	47.94794	217.2190

#1	.0006957	-.000860	.000074
#2	.0008627	-.000773	-.000188
#3	.0001724	-.000290	-.000067

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1323.004	27385.87	5720.194	744.9106	1743.162
Stddev	.571	161.97	26.181	3.9918	3.034
%RSD	.0431275	.5914507	.4576903	.5358783	.1740694

#1	1323.614	27284.40	5709.708	741.3935	1740.524
#2	1322.914	27300.54	5700.882	744.0890	1742.484
#3	1322.484	27572.67	5749.992	749.2493	1746.478

Sample Name: PB140028BS Acquired: 10/20/2021 14:49:47 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: LCS028 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0200028	.0547955	.0209357	.0770583	.1246096	.4361206
Stddev	.0019521	.0011445	.0009983	.0049660	.0014489	.0081672
%RSD	9.759417	2.088628	4.768306	6.444531	1.162727	1.872693

#1	.0220286	.0548422	.0201640	.0810972	.1240108	.4421140
#2	.0181338	.0559160	.0220631	.0785640	.1262619	.4394297
#3	.0198459	.0536284	.0205801	.0715137	.1235562	.4268182

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3938282	.0113792	.0104101	10.58942	.0224892	.1013443
Stddev	.0010549	.0002106	.0000831	.02592	.0003140	.0002405
%RSD	.2678518	1.850574	.7986161	.2447418	1.396266	.2372789

#1	.3930615	.0114239	.0104048	10.58086	.0228513	.1015135
#2	.3950312	.0115639	.0104957	10.61854	.0223231	.1014504
#3	.3933918	.0111499	.0103297	10.56887	.0222931	.1010691

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0506319	.2389769	.0327272	10.61850	.0817282	.0209632
Stddev	.0005349	.0106488	.0008225	.01746	.0001349	.0001855
%RSD	1.056394	4.455990	2.513167	.1643980	.1650712	.8846661

#1	.0503365	.2507433	.0336645	10.63709	.0815808	.0209373
#2	.0512493	.2361856	.0323911	10.60245	.0817583	.0211603
#3	.0503098	.2300017	.0321259	10.61595	.0818455	.0207921

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.03270	.1104725	.1268159	10.16437	.0177919	F .2055337
Stddev	.36853	.0014951	.0037330	.09403	.0024430	.0016893
%RSD	3.673331	1.353351	2.943616	.9250741	13.73086	.8219116

#1	9.77263	.1088549	.1234931	10.17471	.0156445	.2073399
#2	10.45444	.1107589	.1260994	10.25279	.0204498	.2052686
#3	9.87104	.1118036	.1308552	10.06559	.0172813	.2039926

Sample Name: PB140028BS Acquired: 10/20/2021 14:49:47 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS028 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0215459	.1735357	.2070680	F .0073693	.2227149	.0298640
Stddev	.0004809	.0057082	.0015397	.0035884	.0009966	.0009720
%RSD	2.231834	3.289359	.7435480	48.69322	.4474651	3.254757

#1	.0212288	.1789279	.2082915	.0102830	.2226608	.0298160
#2	.0213098	.1675568	.2075732	.0084639	.2237374	.0289169
#3	.0220992	.1741223	.2053392	.0033612	.2217465	.0308591

Elem	Sr4077
Units	ppm
Avg	.2305954
Stddev	.0005263
%RSD	.2282483

#1	.2311754
#2	.2304626
#3	.2301482

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1322.014	27426.63	5732.542	739.9514	1750.989
Stddev	1.782	61.03	40.137	1.5313	1.074
%RSD	.1348217	.2225206	.7001620	.2069449	.0613118

#1	1319.956	27389.27	5703.165	741.1387	1750.405
#2	1323.000	27497.06	5716.187	738.2230	1750.333
#3	1323.085	27393.57	5778.274	740.4926	1752.228

Sample Name: M4185-01 Acquired: 10/20/2021 14:53:55 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C0B38 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0904934	.0039235	6.637628	.0304983	.0355130	107.3414	.8840959
Stddev	.0022873	.0057948	.004758	.0060631	.0042832	.2853	.0011422
%RSD	2.527628	147.6969	.0716882	19.88027	12.06086	.2657666	.1291908

#1	.0931064	-.002502	6.642679	.0373910	.0338176	107.5138	.8854040
#2	.0895202	.005520	6.633230	.0259894	.0323370	107.4982	.8832966
#3	.0888536	.008753	6.636974	.0281144	.0403844	107.0121	.8835869

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0118916	.0247935	29.69673	.1715897	.1904303	.5957225	373.9526
Stddev	.0000426	.0001375	.02908	.0003968	.0003892	.0018345	2.1022
%RSD	.3583667	.5545067	.0979353	.2312737	.2043962	.3079460	.5621478

#1	.0119246	.0249294	29.68167	.1711319	.1906563	.5947128	375.6246
#2	.0119067	.0247965	29.73025	.1718361	.1906536	.5978400	374.6405
#3	.0118435	.0246545	29.67825	.1718011	.1899808	.5946146	371.5927

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.040700	18.35902	.1754568	.0153076	1.331048	.2407244	13.05264
Stddev	.007495	.10650	.0008697	.0006929	.113378	.0003955	.04112
%RSD	.1486985	.5800887	.4956896	4.526293	8.517954	.1643126	.3149982

#1	5.033848	18.48095	.1756582	.0158249	1.362912	.2402693	13.09182
#2	5.048705	18.28417	.1762082	.0155775	1.205148	.2409184	13.00983
#3	5.039547	18.31195	.1745041	.0145204	1.425085	.2409855	13.05628

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.627973	3.898415	.0127963	.0086616	1.656741	6.678509	.3847396
Stddev	.048992	.010921	.0003007	.0005413	.006254	.042127	.0011191
%RSD	.7391656	.2801341	2.350198	6.249098	.3774945	.6307867	.2908652

#1	6.684243	3.895132	.0129583	.0082416	1.655865	6.708047	.3835151
#2	6.604882	3.910600	.0124493	.0084706	1.650971	6.697212	.3849946
#3	6.594794	3.889512	.0129813	.0092724	1.663387	6.630269	.3857092

Sample Name: M4185-01 Acquired: 10/20/2021 14:53:55 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: C0B38 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5876123	.0965825	-.203713
Stddev	.0052230	.0004845	.002157
%RSD	.8888446	.5016971	1.059049

#1	.5923380	.0961604	-.205166
#2	.5820044	.0964754	-.204740
#3	.5884945	.0971116	-.201234

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1456.203	30379.40	6329.388	818.4269	1702.687
Stddev	3.041	48.52	22.289	1.1072	3.779
%RSD	.2088551	.1596978	.3521565	.1352862	.2219369

#1	1457.140	30430.52	6328.336	817.6908	1705.829
#2	1458.666	30373.67	6307.643	817.8896	1703.738
#3	1452.804	30334.00	6352.185	819.7002	1698.494

Sample Name: M4185-02 Acquired: 10/20/2021 14:57:56 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C0B45 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0359757	-.002924	.3327338	.0285801	.0016285	78.96930	1.460379
Stddev	.0063830	.003162	.0009328	.0034375	.0013361	.16790	.002112
%RSD	17.74250	108.1409	.2803439	12.02747	82.04527	.2126198	.1446416

#1	.0433208	-.001910	.3317953	.0263743	.0030915	78.83278	1.462304
#2	.0317750	-.006470	.3336608	.0268252	.0013207	78.91834	1.458119
#3	.0328312	-.000393	.3327454	.0325408	.0004731	79.15678	1.460712

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0174118	.0181982	12.27519	.1745421	.1663034	.2162496	452.6110
Stddev	.0001800	.0001384	.05471	.0013132	.0007122	.0018454	1.6842
%RSD	1.033545	.7602634	.4457022	.7523702	.4282644	.8533515	.3720992

#1	.0172267	.0181030	12.28432	.1734273	.1656128	.2183798	450.6824
#2	.0174224	.0181347	12.21648	.1759897	.1662621	.2152320	453.3591
#3	.0175861	.0183569	12.32476	.1742092	.1670355	.2151371	453.7915

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.768500	13.15510	.2166287	.0143273	2.059421	.2456967	2.783921
Stddev	.013082	.01263	.0007411	.0009964	.304817	.0022694	.031795
%RSD	.2743324	.0959984	.3421105	6.954183	14.80110	.9236510	1.142082

#1	4.760679	13.14614	.2159940	.0132208	2.217226	.2440274	2.797047
#2	4.761219	13.14963	.2164489	.0151533	2.252982	.2447819	2.747665
#3	4.783602	13.16955	.2174431	.0146079	1.708054	.2482806	2.807051

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.863980	6.152488	.0097355	.0081609	3.325068	5.419738	.0549977
Stddev	.123156	.008421	.0137660	.0006643	.014454	.041742	.0036190
%RSD	1.794236	.1368689	141.4009	8.139905	.4346959	.7701868	6.580281

#1	6.721955	6.161325	.0128893	.0088679	3.341002	5.406966	.0568091
#2	6.928737	6.144557	-.005334	.0080651	3.312801	5.466373	.0508307
#3	6.941247	6.151583	.021651	.0075498	3.321400	5.385874	.0573534

Sample Name: M4185-02 Acquired: 10/20/2021 14:57:56 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: C0B45 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5300841	.0789485	-.317131
Stddev	.0006208	.0009418	.001657
%RSD	.1171143	1.192885	.5226257

#1	.5293740	.0800359	-.315219
#2	.5303543	.0784102	-.318159
#3	.5305240	.0783993	-.318015

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1467.683	30426.82	6382.349	822.6421	1721.511
Stddev	.937	109.60	11.564	5.9956	1.759
%RSD	.0638595	.3602150	.1811861	.7288237	.1021577

#1	1466.726	30359.08	6387.871	819.8383	1719.648
#2	1467.726	30553.27	6390.117	829.5259	1723.142
#3	1468.599	30368.10	6369.059	818.5621	1721.744

Sample Name: M4185-03 Acquired: 10/20/2021 15:01:59 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C0B51 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0373406	-.005530	.3342934	.0130679	-.000456	92.75373	.5103437
Stddev	.0052227	.003826	.0017522	.0031295	.001982	.23449	.0025158
%RSD	13.98666	69.18386	.5241617	23.94760	434.2184	.2528058	.4929520

#1	.0425805	-.001256	.3361766	.0111945	.000987	92.49812	.5097531
#2	.0321352	-.006700	.3327110	.0113286	-.002716	92.80419	.5081757
#3	.0373062	-.008635	.3339927	.0166807	.000359	92.95888	.5131022

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0048558	.0061935	9.897733	.1065450	.0552789	.1095601	162.8476
Stddev	.0000080	.0001522	.017158	.0004763	.0002431	.0005818	.4823
%RSD	.1641244	2.457162	.1733539	.4470318	.4396993	.5310267	.2961690

#1	.0048469	.0060321	9.901587	.1060335	.0552385	.1088883	162.3148
#2	.0048582	.0063343	9.878975	.1069757	.0555397	.1098984	163.2545
#3	.0048622	.0062141	9.912636	.1066259	.0550587	.1098935	162.9735

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.009997	9.641766	.0942464	.0054400	.8336459	.1887101	1.944285
Stddev	.007187	.028292	.0003278	.0003274	.0908674	.0027230	.015826
%RSD	.7116043	.2934270	.3478483	6.019187	10.90001	1.442961	.8139830

#1	1.011575	9.640675	.0943949	.0051863	.8351779	.1917620	1.934340
#2	1.002152	9.670587	.0944737	.0053241	.7420221	.1878392	1.935981
#3	1.016264	9.614036	.0938706	.0058096	.9237376	.1865290	1.962535

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.379270	1.421374	.0042198	.0049807	.6322133	6.692495	.0210001
Stddev	.054852	.022935	.0014168	.0004649	.0083971	.003368	.0000250
%RSD	1.252548	1.613574	33.57600	9.332857	1.328206	.0503258	.1192217

#1	4.347265	1.405519	.0049198	.0046801	.6277973	6.689886	.0209834
#2	4.442607	1.410932	.0051504	.0055161	.6418970	6.691301	.0209879
#3	4.347938	1.447672	.0025892	.0047460	.6269456	6.696297	.0210289

Sample Name: M4185-03 Acquired: 10/20/2021 15:01:59 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: C0B51 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6604032	.0629875	-.098756
Stddev	.0008499	.0010897	.000422
%RSD	.1286878	1.730084	.4272978

#1	.6602718	.0630044	-.098316
#2	.6613111	.0618894	-.099158
#3	.6596266	.0640687	-.098793

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1405.746	29120.06	6055.028	794.1446	1742.957
Stddev	6.148	33.98	14.506	.3967	1.784
%RSD	.4373235	.1166885	.2395729	.0499547	.1023587

#1	1402.165	29137.26	6065.341	794.5902	1743.713
#2	1412.845	29141.99	6061.302	793.8300	1744.239
#3	1402.229	29080.91	6038.441	794.0135	1740.920

Sample Name: M4185-04 Acquired: 10/20/2021 15:06:02 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C0B52 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0763879	-.002609	1.114904	.0243348	.0027320	78.82632	1.031908
Stddev	.0014222	.004795	.004891	.0020566	.0030380	.18053	.003050
%RSD	1.861872	183.7948	.4386971	8.451430	111.1995	.2290174	.2955949

#1	.0766312	-.000576	1.112235	.0266611	.0038480	78.97597	1.033975
#2	.0748598	.000835	1.120549	.0227583	.0050541	78.87716	1.033345
#3	.0776729	-.008086	1.111928	.0235849	-.000706	78.62582	1.028405

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0075086	.0213044	262.6584	.1098948	.0981187	.2391864	188.2721
Stddev	.0001933	.0001782	.3606	.0008147	.0003181	.0032568	1.1272
%RSD	2.574593	.8365021	.1373025	.7413789	.3241880	1.361593	.5987031

#1	.0075120	.0211265	262.7162	.1096224	.0978188	.2412226	189.4282
#2	.0073136	.0213037	262.9867	.1108108	.0980851	.2409063	188.2118
#3	.0077002	.0214829	262.2724	.1092511	.0984523	.2354303	187.1762

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.553529	43.77488	.1429238	.0070587	2.306322	.1382489	2.833852
Stddev	.005973	.24706	.0004848	.0001371	.166940	.0019185	.025078
%RSD	.1680852	.5643770	.3391958	1.942171	7.238378	1.387712	.8849459

#1	3.548419	43.98078	.1434684	.0071605	2.365774	.1361329	2.804968
#2	3.560096	43.84294	.1427635	.0069028	2.117793	.1398749	2.846507
#3	3.552073	43.50093	.1425395	.0071129	2.435398	.1387389	2.850081

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.777347	6.537209	.0267231	.0087675	5.281331	4.839147	.2705934
Stddev	.062507	.018791	.0028578	.0004957	.020947	.049353	.0059558
%RSD	1.081938	.2874467	10.69410	5.654263	.3966267	1.019861	2.201017

#1	5.718948	6.519344	.0254459	.0086255	5.264678	4.889714	.2771704
#2	5.769813	6.535478	.0299968	.0093187	5.274465	4.836621	.2655645
#3	5.843280	6.556806	.0247267	.0083582	5.304849	4.791106	.2690453

Sample Name: M4185-04 Acquired: 10/20/2021 15:06:02 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C0B52 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5095232	.0654019	1.050652
Stddev	.0017495	.0014722	.002065
%RSD	.3433587	2.251017	.1965889

#1	.5076597	.0668645	1.048939
#2	.5111305	.0654211	1.052946
#3	.5097792	.0639202	1.050072

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1422.644	29944.61	6358.059	807.2536	1636.792
Stddev	3.417	86.27	31.606	5.2842	1.895
%RSD	.2401850	.2880842	.4971041	.6545940	.1157779

#1	1425.799	30041.92	6332.851	813.3259	1637.899
#2	1423.118	29914.42	6347.806	803.6994	1637.872
#3	1419.015	29877.51	6393.518	804.7354	1634.603

Sample Name: M4185-05 Acquired: 10/20/2021 15:10:04 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C0B03 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1350506	-.000569	1.582538	.0300482	.0056610	98.66481	1.075145
Stddev	.0056025	.001852	.000643	.0048319	.0026475	.05944	.001440
%RSD	4.148412	325.2085	.0406082	16.08058	46.76682	.0602404	.1339515

#1	.1410024	.001567	1.581813	.0282786	.0085909	98.69126	1.076750
#2	.1298793	-.001716	1.583039	.0263507	.0034403	98.70643	1.074720
#3	.1342700	-.001559	1.582761	.0355155	.0049519	98.59674	1.073965

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0123023	.0233619	33.36796	.2099525	.1515037	.3721041	366.6287
Stddev	.0001765	.0001640	.03280	.0008008	.0000743	.0001951	.6271
%RSD	1.434731	.7018473	.0983037	.3814363	.0490290	.0524252	.1710474

#1	.0123145	.0235513	33.40157	.2090298	.1514299	.3719524	366.0508
#2	.0121200	.0232665	33.36626	.2104660	.1515785	.3723242	366.5397
#3	.0124724	.0232681	33.33604	.2103619	.1515027	.3720358	367.2956

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.765281	13.67709	.1850614	.0127992	2.895238	.2471841	4.719929
Stddev	.011035	.08280	.0004612	.0001348	.212537	.0037845	.020195
%RSD	.1631195	.6053950	.2491905	1.053379	7.340934	1.531058	.4278584

#1	6.752935	13.76128	.1855046	.0128253	2.650067	.2455074	4.737070
#2	6.774188	13.67424	.1845842	.0126532	3.008316	.2445275	4.697667
#3	6.768719	13.59576	.1850955	.0129190	3.027331	.2515173	4.725050

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.190457	5.538814	.0103746	.0079599	3.483178	5.714670	.1976983
Stddev	.045184	.036109	.0048256	.0004100	.003151	.036951	.0036716
%RSD	.7298958	.6519251	46.51313	5.151031	.0904548	.6466070	1.857178

#1	6.196587	5.577466	.0146057	.0081065	3.486679	5.672541	.2012824
#2	6.232264	5.533027	.0113992	.0074968	3.480570	5.729877	.1978677
#3	6.142522	5.505948	.0051191	.0082765	3.482285	5.741591	.1939450

Sample Name: M4185-05 Acquired: 10/20/2021 15:10:04 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C0B03 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5969304	.0820046	-.136948
Stddev	.0038144	.0003813	.000902
%RSD	.6390058	.4649611	.6585171

#1	.5957046	.0815740	-.136267
#2	.6012070	.0822996	-.136606
#3	.5938796	.0821401	-.137971

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1426.311	29861.60	6152.623	810.9340	1722.399
Stddev	3.604	126.47	19.919	2.7576	1.962
%RSD	.2526734	.4235324	.3237480	.3400559	.1139127

#1	1425.145	29779.26	6175.608	808.1121	1720.241
#2	1430.354	30007.22	6140.394	813.6225	1724.075
#3	1423.435	29798.31	6141.867	811.0673	1722.881

Sample Name: M4185-06 Acquired: 10/20/2021 15:14:06 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C0B03D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1329127	-.000733	1.584254	.0304424	.0042561	99.26346	1.077703
Stddev	.0068611	.002097	.002995	.0082245	.0019394	.15984	.001890
%RSD	5.162126	286.0926	.1890254	27.01671	45.56705	.1610258	.1753910

#1	.1256632	.001683	1.581044	.0219295	.0020535	99.07893	1.075838
#2	.1337701	-.001794	1.586972	.0310533	.0057076	99.35883	1.079617
#3	.1393049	-.002088	1.584747	.0383445	.0050072	99.35263	1.077654

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0122947	.0229837	33.47392	.2120935	.1519393	.3711189	362.3959
Stddev	.0002428	.0001690	.08234	.0003102	.0003362	.0011220	.3761
%RSD	1.974649	.7355118	.2459711	.1462466	.2212463	.3023363	.1037904

#1	.0121719	.0231371	33.39831	.2124047	.1515563	.3716983	361.9622
#2	.0121379	.0228024	33.46182	.2120914	.1520764	.3718327	362.6319
#3	.0125744	.0230115	33.56164	.2117844	.1521853	.3698256	362.5938

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.801513	13.85206	.1833816	.0129868	3.009310	.2481256	4.740006
Stddev	.012949	.06780	.0012449	.0000553	.178814	.0027193	.013851
%RSD	.1903795	.4894455	.6788688	.4255489	5.942029	1.095951	.2922108

#1	6.796060	13.89297	.1820814	.0129236	3.029182	.2457286	4.740976
#2	6.792182	13.88941	.1835008	.0130111	3.177359	.2510807	4.725696
#3	6.816296	13.77380	.1845627	.0130258	2.821391	.2475675	4.753347

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.271659	5.519925	.0111136	.0080232	3.498200	5.858179	.1924834
Stddev	.119615	.020980	.0027811	.0010263	.028794	.038343	.0010081
%RSD	1.907230	.3800809	25.02419	12.79196	.8231099	.6545200	.5237512

#1	6.165232	5.498515	.0104797	.0070688	3.511248	5.818932	.1917187
#2	6.401113	5.540447	.0141569	.0091088	3.518161	5.895549	.1921056
#3	6.248632	5.520813	.0087042	.0078919	3.465192	5.860056	.1936258

Sample Name: M4185-06 Acquired: 10/20/2021 15:14:06 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C0B03D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5993245	.0837309	-.132055
Stddev	.0017616	.0001955	.000218
%RSD	.2939260	.2334958	.1649136

#1	.5973376	.0839500	-.131865
#2	.5999406	.0836685	-.132293
#3	.6006952	.0835742	-.132007

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1426.029	29790.85	6160.101	808.7301	1724.725
Stddev	2.722	245.11	8.604	4.1626	4.046
%RSD	.1909033	.8227778	.1396659	.5147109	.2345664

#1	1427.171	29600.54	6156.603	803.9949	1728.547
#2	1427.995	30067.43	6169.903	811.8123	1725.140
#3	1422.922	29704.57	6153.797	810.3830	1720.488

Sample Name: M4185-07 Acquired: 10/20/2021 15:18:08 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C0B03S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2166591	.0933331	1.819959	.2280247	.0403972	107.8446	5.186155
Stddev	.0114109	.0040677	.004074	.0080273	.0028814	.1480	.009454
%RSD	5.266764	4.358281	.2238612	3.520373	7.132759	.1372469	.1822978

#1	.2065476	.0913497	1.816132	.2236213	.0422693	107.9655	5.181153
#2	.2290311	.0980121	1.824242	.2231627	.0418432	107.8888	5.197059
#3	.2143986	.0906376	1.819503	.2372901	.0370791	107.6795	5.180252

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1186809	.1281447	37.01874	.6133130	1.222870	.8705200	328.0945
Stddev	.0006087	.0004622	.04348	.0028437	.003550	.0021819	.7217
%RSD	.5128593	.3607138	.1174479	.4636699	.2903187	.2506479	.2199677

#1	.1180655	.1276439	37.01694	.6147646	1.219529	.8689205	328.9245
#2	.1186947	.1282354	37.06309	.6100365	1.226598	.8730056	327.6144
#3	.1192826	.1285549	36.97619	.6151381	1.222483	.8696338	327.7446

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.214561	14.63711	1.230342	.1051399	2.908171	1.291982	5.674893
Stddev	.005376	.06195	.005366	.0005294	.318850	.009634	.051533
%RSD	.0745156	.4232426	.4361152	.5035094	10.96395	.7456451	.9080828

#1	7.211784	14.69555	1.225518	.1053445	3.267010	1.298463	5.731739
#2	7.211141	14.64362	1.236121	.1045387	2.657397	1.296572	5.631239
#3	7.220757	14.57217	1.229387	.1055364	2.800105	1.280912	5.661700

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.539225	5.265095	.0201982	.0063392	3.562439	7.099488	.5101809
Stddev	.011199	.010949	.0035558	.0008899	.008633	.020227	.0015977
%RSD	.1712551	.2079547	17.60432	14.03771	.2423375	.2849065	.3131636

#1	6.538740	5.253347	.0224400	.0067466	3.555353	7.084171	.5092229
#2	6.528276	5.266925	.0160984	.0069525	3.572054	7.122416	.5092946
#3	6.550658	5.275014	.0220563	.0053186	3.559910	7.091876	.5120254

Sample Name: M4185-07 Acquired: 10/20/2021 15:18:08 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: C0B03S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5804828	.0869684	-.089786
Stddev	.0014649	.0010432	.000933
%RSD	.2523571	1.199513	1.039332

#1	.5805578	.0873552	-.090768
#2	.5819087	.0857871	-.088911
#3	.5789818	.0877630	-.089679

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1418.112	29678.11	6146.439	799.9101	1716.755
Stddev	1.825	112.64	11.600	7.9165	5.647
%RSD	.1287000	.3795416	.1887282	.9896726	.3289382

#1	1416.177	29580.28	6134.928	791.8486	1721.688
#2	1418.356	29801.26	6158.126	807.6731	1710.596
#3	1419.803	29652.81	6146.262	800.2087	1717.981

Sample Name: M4185-05LX5 Acquired: 10/20/2021 15:22:05 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C0B03L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0294676	-.000009	.3091836	.0057329	-.000122	20.24508	.2180356
Stddev	.0079381	.002435	.0018354	.0047445	.001812	.06836	.0015035
%RSD	26.93851	27548.79	.5936339	82.75849	1489.897	.3376649	.6895523

#1	.0271563	.002700	.3095626	.0018429	.001117	20.25561	.2172895
#2	.0383049	-.002018	.3107999	.0043372	.000720	20.30755	.2170512
#3	.0229417	-.000708	.3071882	.0110187	-.002202	20.17206	.2197663

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0027191	.0046000	6.899297	.0435123	.0288765	.0770343	75.90955
Stddev	.0000779	.0000945	.013175	.0003167	.0003920	.0013184	.45680
%RSD	2.865020	2.054961	.1909637	.7279475	1.357398	1.711472	.6017733

#1	.0027231	.0045340	6.900515	.0433897	.0293170	.0759277	76.12467
#2	.0026393	.0045577	6.885555	.0432752	.0287465	.0784931	76.21908
#3	.0027950	.0047083	6.911821	.0438721	.0285661	.0766822	75.38490

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.408862	2.858995	.0355039	.0032737	.3764911	.0495884	.9762717
Stddev	.006019	.059513	.0001959	.0002325	.1816909	.0017824	.0028713
%RSD	.4272332	2.081609	.5516500	7.103485	48.25902	3.594344	.2941087

#1	1.413923	2.912621	.0355683	.0032105	.3462608	.0503184	.9768920
#2	1.410456	2.869399	.0356594	.0030794	.5714011	.0508898	.9787822
#3	1.402206	2.794967	.0352839	.0035314	.2118114	.0475569	.9731410

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.180202	1.075322	-.002041	.0010804	.6748841	1.219801	.0364822
Stddev	.049754	.010129	.000930	.0006080	.0070753	.013192	.0010652
%RSD	4.215701	.9419804	45.54792	56.27123	1.048372	1.081486	2.919807

#1	1.229459	1.064253	-.001454	.0003870	.6830140	1.214892	.0377092
#2	1.129965	1.077583	-.001556	.0013325	.6715179	1.234744	.0359432
#3	1.181183	1.084130	-.003113	.0015218	.6701204	1.209767	.0357943

Sample Name: M4185-05LX5 Acquired: 10/20/2021 15:22:05 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C0B03L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1253702	.0179908	-.028500
Stddev	.0013505	.0011049	.000338
%RSD	1.077216	6.141299	1.185695

#1	.1245729	.0176073	-.028653
#2	.1269295	.0192363	-.028734
#3	.1246081	.0171287	-.028112

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1351.699	27963.40	5693.713	766.3474	1756.485
Stddev	2.694	57.54	32.274	2.1407	2.762
%RSD	.1993004	.2057805	.5668439	.2793339	.1572656

#1	1352.144	27896.96	5679.807	768.1949	1754.166
#2	1348.811	27997.65	5670.723	766.8458	1755.749
#3	1354.143	27995.58	5730.610	764.0015	1759.541

Sample Name: M4185-08 Acquired: 10/20/2021 15:26:09 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: C0AY7 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0604485	-.002524	.9274610	.0240538	.0048187	81.04604	.8191668
Stddev	.0042291	.004594	.0055218	.0031658	.0037322	.27285	.0029886
%RSD	6.996235	182.0252	.5953669	13.16142	77.45146	.3366632	.3648356

#1	.0564627	-.007605	.9322138	.0223211	.0037901	80.74731	.8197197
#2	.0648849	.001336	.9214038	.0221326	.0017088	81.28212	.8159403
#3	.0599979	-.001303	.9287656	.0277078	.0089574	81.10869	.8218403

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0111489	.0098652	99.90000	.1564412	.1437772	.3482191	276.2492
Stddev	.0003919	.0001069	.08332	.0003754	.0009301	.0022551	1.8780
%RSD	3.515281	1.083856	.0834019	.2399815	.6469121	.6476159	.6798138

#1	.0107852	.0098187	99.90460	.1561127	.1436725	.3456253	274.4755
#2	.0115640	.0097894	99.81448	.1568505	.1429039	.3497155	278.2165
#3	.0110976	.0099875	99.98092	.1563604	.1447553	.3493165	276.0556

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.011716	34.63272	.2826341	.0100703	1.248659	.1752873	2.183537
Stddev	.006172	.40569	.0008356	.0002194	.058099	.0029992	.008568
%RSD	.1231571	1.171415	.2956346	2.178761	4.652904	1.711025	.3923695

#1	5.018465	34.21379	.2816880	.0101329	1.272307	.1779662	2.176589
#2	5.006359	35.02373	.2832709	.0098264	1.182465	.1720471	2.180912
#3	5.010323	34.66065	.2829434	.0102516	1.291204	.1758486	2.193110

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.01582	7.523895	.0179519	.0016225	4.969517	5.071759	.1415542
Stddev	.03769	.004618	.0005383	.0009708	.021271	.038529	.0051637
%RSD	.2895674	.0613737	2.998539	59.83757	.4280216	.7596862	3.647881

#1	12.97543	7.520328	.0174017	.0026126	4.949642	5.047589	.1473323
#2	13.02198	7.522247	.0184774	.0015825	4.966956	5.116192	.1373908
#3	13.05005	7.529111	.0179767	.0006722	4.991952	5.051496	.1399395

Sample Name: M4185-08 Acquired: 10/20/2021 15:26:09 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C0AY7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5297202	.1070434	.0031282
Stddev	.0022385	.0009311	.0013322
%RSD	.4225828	.8698401	42.58561

#1	.5278050	.1062347	.0044795
#2	.5321811	.1080613	.0018161
#3	.5291746	.1068341	.0030890

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1472.101	31009.82	6380.895	840.7778	1715.182
Stddev	2.912	88.04	33.124	2.9151	1.261
%RSD	.1978037	.2839177	.5191069	.3467147	.0735070

#1	1471.124	30908.17	6400.339	839.6207	1715.151
#2	1469.803	31062.18	6342.649	844.0938	1716.458
#3	1475.375	31059.10	6399.696	838.6189	1713.937

Sample Name: M4185-09 Acquired: 10/20/2021 15:30:13 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C0AZ7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3022287	.0021937	5.162854	.0308175	.0188373	97.74672	.8889562
Stddev	.0015971	.0046418	.014838	.0044243	.0008335	.62971	.0022549
%RSD	.5284344	211.6006	.2873986	14.35635	4.424881	.6442266	.2536551

#1	.3040341	-.003090	5.145725	.0357639	.0184892	97.02886	.8863790
#2	.3010003	.004058	5.171738	.0272380	.0182343	98.00545	.8899237
#3	.3016515	.005614	5.171099	.0294506	.0197885	98.20585	.8905659

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0095204	.0267477	45.01637	.1963058	.1242875	.6517074	291.7007
Stddev	.0003231	.0002608	.15056	.0010345	.0001157	.0014631	2.4939
%RSD	3.393706	.9749590	.3344474	.5269859	.0930683	.2245094	.8549659

#1	.0091571	.0270486	44.85893	.1974048	.1242214	.6528368	288.8272
#2	.0097758	.0266079	45.03123	.1953509	.1242201	.6500545	292.9732
#3	.0096282	.0265867	45.15894	.1961617	.1244211	.6522309	293.3018

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.605397	10.67796	.1291237	.0253588	1.909442	.2415885	8.533513
Stddev	.009629	.08806	.0007265	.0010876	.044623	.0051046	.073738
%RSD	.2090898	.8247080	.5626608	4.288937	2.336982	2.112937	.8641013

#1	4.594929	10.57937	.1283346	.0241564	1.940131	.2359202	8.581760
#2	4.607383	10.70566	.1297649	.0256463	1.929944	.2430224	8.570149
#3	4.613878	10.74883	.1292717	.0262739	1.858253	.2458227	8.448632

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.779795	7.804622	.0128433	.0082785	3.635126	4.915159	.2600135
Stddev	.082345	.034375	.0024670	.0011144	.003712	.056212	.0030416
%RSD	1.424700	.4404483	19.20828	13.46144	.1021047	1.143656	1.169800

#1	5.686128	7.843839	.0154475	.0094496	3.635986	4.853660	.2565519
#2	5.812467	7.779706	.0125411	.0072312	3.638332	4.927931	.2612299
#3	5.840790	7.790320	.0105414	.0081547	3.631060	4.963887	.2622587

Sample Name: M4185-09 Acquired: 10/20/2021 15:30:13 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: C0AZ7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8147208	.0828833	.0356023
Stddev	.0032823	.0015257	.0008605
%RSD	.4028705	1.840742	2.416828

#1	.8124837	.0812099	.0365864
#2	.8131899	.0832433	.0349916
#3	.8184889	.0841968	.0352290

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1416.088	29589.79	6047.745	802.4645	1734.265
Stddev	1.291	101.11	42.852	4.8382	4.331
%RSD	.0911590	.3416947	.7085556	.6029193	.2497152

#1	1415.122	29479.57	6095.072	797.7878	1737.843
#2	1417.554	29611.57	6036.587	802.1562	1735.501
#3	1415.588	29678.23	6011.576	807.4494	1729.451

Sample Name: M4185-10 Acquired: 10/20/2021 15:34:15 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C0B22 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6894423	-.004410	F 79.36781	.0603723	.5668555	86.67318
Stddev	.0017816	.004610	.20359	.0059006	.0036591	.90286
%RSD	.2584130	104.5373	.2565122	9.773616	.6455060	1.041681

#1	.6881982	-.006684	79.17525	.0658648	.5662887	87.69543
#2	.6886454	.000895	79.34729	.0611177	.5635130	85.98482
#3	.6914832	-.007441	79.58087	.0541345	.5707650	86.33929

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.340649	.0149585	.0849117	63.85172	.2123598	.1757950
Stddev	.019380	.0000998	.0004651	.46499	.0006224	.0003821
%RSD	.8279769	.6673250	.5477146	.7282321	.2930692	.2173308

#1	2.362938	.0150729	.0843959	64.37914	.2122256	.1755970
#2	2.327779	.0148893	.0852989	63.50092	.2118154	.1755525
#3	2.331229	.0149133	.0850404	63.67510	.2130383	.1762354

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.781253	596.0965	5.610101	19.02441	.3932080	.0645959
Stddev	.056690	7.1677	.051807	.22575	.0009594	.0006991
%RSD	.8359882	1.202442	.9234536	1.186652	.2440034	1.082191

#1	6.843783	603.9481	5.669774	19.25472	.3925602	.0654031
#2	6.733216	589.9035	5.576624	18.80351	.3943102	.0641938
#3	6.766760	594.4379	5.583905	19.01501	.3927537	.0641908

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.165483	.2353773	F 82.67296	9.384002	6.093378	.0797263
Stddev	.149621	.0024255	.10416	.072577	.035263	.0106952
%RSD	4.726630	1.030475	.1259909	.7734123	.5787085	13.41486

#1	3.022187	.2363618	82.70693	9.461264	6.073948	.0917896
#2	3.153550	.2326143	82.55605	9.373482	6.134082	.0714045
#3	3.320714	.2371557	82.75589	9.317258	6.072104	.0759849

Sample Name: M4185-10 Acquired: 10/20/2021 15:34:15 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C0B22 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0263201	15.02565	12.47455	3.629096	2.116467	.0879750
Stddev	.0004271	.05592	.06929	.016804	.022618	.0017539
%RSD	1.622521	.3721581	.5554462	.4630404	1.068669	1.993657
#1	.0266992	14.96127	12.55451	3.610132	2.141079	.0899839
#2	.0258575	15.05362	12.43208	3.635020	2.096594	.0867476
#3	.0264035	15.06206	12.43706	3.642135	2.111728	.0871937

Elem	Sr4077
Units	ppm
Avg	-.046942
Stddev	.001329
%RSD	2.830305
#1	-.047933
#2	-.045432
#3	-.047460

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1409.280	29880.41	6047.609	793.8161	1658.910
Stddev	1.155	143.59	61.600	2.9019	.769
%RSD	.0819644	.4805599	1.018576	.3655673	.0463549
#1	1408.474	29723.67	5977.242	791.1301	1658.990
#2	1410.604	29911.94	6073.803	793.4241	1659.635
#3	1408.764	30005.61	6091.783	796.8941	1658.103

Sample Name: M4185-11 Acquired: 10/20/2021 15:38:14 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C0B23 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0099554	.0036975	.4471751	.0298214	-.000552	112.6713	1.093447
Stddev	.0066162	.0053106	.0030832	.0128317	.005818	.3693	.002528
%RSD	66.45818	143.6267	.6894813	43.02839	1054.746	.3277643	.2311594

#1	.0029065	.0093683	.4500166	.0441190	-.007026	113.0883	1.096232
#2	.0109286	-.001159	.4438968	.0193057	.001131	112.3857	1.091298
#3	.0160311	.002883	.4476120	.0260396	.004240	112.5398	1.092810

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0157875	.0107198	98.40295	.2003975	.2006178	.4051993	369.9108
Stddev	.0000282	.0002668	.22997	.0013317	.0008564	.0021854	1.2218
%RSD	.1789365	2.488656	.2336985	.6645136	.4268596	.5393522	.3302865

#1	.0158183	.0109522	98.49952	.1997414	.2014775	.4064202	371.2167
#2	.0157813	.0107788	98.14044	.2019299	.1997648	.4026762	369.7198
#3	.0157629	.0104285	98.56888	.1995213	.2006111	.4065015	368.7957

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.558411	50.29125	.4141488	.0131650	1.653103	.2234202	1.203821
Stddev	.009783	.15733	.0012827	.0005730	.072239	.0027471	.006041
%RSD	.1760098	.3128392	.3097218	4.352105	4.369914	1.229575	.5018044

#1	5.549250	50.42889	.4155627	.0138079	1.571355	.2211814	1.208668
#2	5.568716	50.32511	.4130598	.0127084	1.708345	.2264858	1.197054
#3	5.557268	50.11975	.4138240	.0129788	1.679610	.2225935	1.205743

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.25625	8.790518	.0063977	-.000004	1.551482	6.233036	.0622626
Stddev	.06847	.024495	.0059609	.000305	.008160	.027058	.0030114
%RSD	.4211793	.2786570	93.17255	7546.035	.5259445	.4341115	4.836637

#1	16.29517	8.793840	.0119523	-.000304	1.542479	6.202227	.0648934
#2	16.29639	8.764531	.0071408	-.000014	1.558390	6.252942	.0589780
#3	16.17720	8.813182	.0001001	.000306	1.553579	6.243939	.0629163

Sample Name: M4185-11 Acquired: 10/20/2021 15:38:14 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C0B23 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5234051	.1489507	-.025261
Stddev	.0006786	.0012471	.000475
%RSD	.1296497	.8372856	1.878903

#1	.5233119	.1503430	-.025801
#2	.5241255	.1479358	-.025069
#3	.5227780	.1485734	-.024912

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1545.137	32501.28	6596.151	880.5184	1704.863
Stddev	1.802	79.71	3.574	2.4458	3.958
%RSD	.1166492	.2452559	.0541878	.2777630	.2321377

#1	1543.929	32463.50	6599.601	878.8201	1700.316
#2	1544.273	32592.86	6596.387	883.3217	1707.532
#3	1547.208	32447.49	6592.464	879.4136	1706.740

Sample Name: M4185-12 Acquired: 10/20/2021 15:42:15 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C0B33 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2969958	.0002024	16.07487	.0345067	.0715268	98.96785	.9936798
Stddev	.0075835	.0018665	.01508	.0075677	.0031351	.30289	.0020048
%RSD	2.553417	921.9714	.0938419	21.93105	4.383081	.3060464	.2017550

#1	.2976604	-.000391	16.05752	.0272563	.0749512	99.18107	.9943968
#2	.3042252	-.001295	16.08492	.0339077	.0708310	98.62115	.9914151
#3	.2891018	.002294	16.08217	.0423561	.0687980	99.10134	.9952275

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0109236	.0317853	32.77326	.1546648	.1370044	1.801666	360.1635
Stddev	.0001198	.0001920	.05120	.0007245	.0005004	.006191	1.6192
%RSD	1.096965	.6040051	.1562294	.4684412	.3652648	.3436498	.4495693

#1	.0110087	.0316804	32.82619	.1543371	.1371847	1.807320	361.9884
#2	.0109756	.0316686	32.72398	.1541620	.1373897	1.795050	358.8988
#3	.0107866	.0320069	32.76961	.1554953	.1364388	1.802627	359.6033

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.253559	11.34626	.1450163	.0685629	1.679367	.2519349	19.67960
Stddev	.008165	.12128	.0003232	.0001801	.274572	.0031307	.09215
%RSD	.1554195	1.068897	.2229024	.2626046	16.34975	1.242642	.4682449

#1	5.261691	11.39622	.1450117	.0687707	1.397850	.2529100	19.58283
#2	5.245361	11.20798	.1453418	.0684533	1.693829	.2484328	19.76629
#3	5.253624	11.43457	.1446954	.0684648	1.946423	.2544620	19.68970

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.837026	4.393692	-.002839	.0090907	3.704796	3.862563	.7518100
Stddev	.045853	.021525	.003538	.0003673	.011453	.020583	.0021732
%RSD	.9479534	.4899116	124.6481	4.039987	.3091373	.5328952	.2890688

#1	4.865709	4.378622	-.003498	.0093481	3.691975	3.871551	.7495596
#2	4.784143	4.418344	.000983	.0086702	3.708400	3.839014	.7519736
#3	4.861227	4.384109	-.006001	.0092540	3.714014	3.877123	.7538968

Sample Name: M4185-12 Acquired: 10/20/2021 15:42:15 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: C0B33 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7979119	.0802897	-.058828
Stddev	.0012068	.0007961	.001300
%RSD	.1512465	.9914898	2.209249

#1	.7985305	.0798193	-.060274
#2	.7965212	.0812089	-.057758
#3	.7986840	.0798411	-.058453

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1444.212	30251.17	6096.251	826.0943	1761.547
Stddev	1.196	38.13	47.398	.9901	1.646
%RSD	.0828110	.1260345	.7775011	.1198574	.0934215

#1	1444.419	30294.40	6048.298	824.9517	1761.298
#2	1442.926	30222.35	6143.074	826.6999	1760.040
#3	1445.291	30236.76	6097.381	826.6313	1763.303

Sample Name: CCV061 Acquired: 10/20/2021 15:46:16 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV061 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.924032	4.856295	24.74690	5.018932	4.955473	426.7548	10.01239
Stddev	.005924	.025340	.01366	.016690	.018880	.9692	.02387
%RSD	.1203033	.5218020	.0551992	.3325312	.3809837	.2271075	.2384420

#1	4.924732	4.840657	24.75709	4.999902	4.934586	425.6375	9.99508
#2	4.917790	4.842695	24.73138	5.031080	4.960512	427.2577	10.03963
#3	4.929575	4.885531	24.75223	5.025815	4.971323	427.3691	10.00247

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5375372	2.414893	398.0873	15.00709	2.480375	15.45215	435.1753
Stddev	.0047339	.001095	1.3142	.01628	.002476	.01985	1.4080
%RSD	.8806709	.0453433	.3301209	.1084632	.0998087	.1284305	.3235580

#1	.5328637	2.414273	396.8202	14.99851	2.482811	15.43219	433.6341
#2	.5423294	2.414249	399.4440	15.02587	2.480452	15.45238	435.4971
#3	.5374186	2.416157	397.9976	14.99690	2.477862	15.47188	436.3945

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.55997	431.8009	2.413677	1.236995	422.3070	2.590728	15.05176
Stddev	.04330	2.4316	.001828	.007803	1.7107	.014588	.17299
%RSD	.2973667	.5631403	.0757459	.6307732	.4050741	.5630972	1.149296

#1	14.55095	429.0902	2.411706	1.234403	420.3658	2.578449	15.14059
#2	14.60707	432.5222	2.415317	1.245764	422.9612	2.586881	14.85240
#3	14.52190	433.7903	2.414007	1.230819	423.5940	2.606855	15.16228

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	157.8732	5.078584	5.367890	4.987929	5.044227	5.298497	4.991795
Stddev	.3562	.001703	.060737	.006720	.008025	.064929	.010170
%RSD	.2255963	.0335425	1.131490	.1347197	.1590942	1.225420	.2037354

#1	157.5027	5.080289	5.301039	4.980577	5.037933	5.234991	4.999279
#2	157.9039	5.078580	5.419678	4.989455	5.053264	5.364761	4.980216
#3	158.2130	5.076882	5.382953	4.993754	5.041484	5.295740	4.995890

Sample Name: CCV061 Acquired: 10/20/2021 15:46:16 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV061 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.264679	5.224304	4.958119
Stddev	.013040	.011341	.045929
%RSD	.2476949	.2170724	.9263403

#1	5.249848	5.211308	4.917365
#2	5.274349	5.232199	5.007887
#3	5.269839	5.229403	4.949104

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1155.976	25637.68	5310.557	651.1278	1427.974
Stddev	1.071	154.72	39.405	3.5056	1.608
%RSD	.0926376	.6034843	.7420057	.5383937	.1125813

#1	1157.088	25606.93	5345.107	647.9304	1426.621
#2	1155.890	25805.47	5267.641	654.8764	1429.751
#3	1154.951	25500.64	5318.923	650.5766	1427.549

Sample Name: CCB061 Acquired: 10/20/2021 15:50:15 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB061 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000253	.0029992	.0033303	-.003840	-.002968	.0045218	-.003043
Stddev	.004197	.0033810	.0014919	.010670	.000817	.0106790	.000339
%RSD	1662.008	112.7296	44.79820	277.8355	27.51565	236.1672	11.13749

#1	.002518	-.000495	.0017562	.001569	-.003744	.0111360	-.002850
#2	-.005081	.006254	.0035113	.003042	-.003045	-.007798	-.002845
#3	.001805	.003239	.0047235	-.016132	-.002116	.010227	-.003435

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000709	.0000400	.0030419	.0003457	-.000232	.0000120	.0107337
Stddev	.0000726	.0000171	.0038640	.0005471	.000437	.0007019	.0083135
%RSD	102.3777	42.67769	127.0256	158.2604	188.0771	5852.198	77.45300

#1	-.000005	.0000415	-.000819	.0003139	.000268	.0008014	.0201874
#2	.000140	.0000562	.006908	.0009080	-.000534	-.000223	.0074507
#3	.000078	.0000222	.003037	-.000185	-.000431	-.000542	.0045628

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000969	.0355774	-.000141	.0004853	-.436558	.0003355	-.001182
Stddev	.0001776	.0292616	.000058	.0003409	.084203	.0032499	.001350
%RSD	183.3485	82.24767	41.59386	70.23840	19.28786	968.7473	114.2869

#1	.0002206	.0651085	-.000185	.0001881	-.482958	.0013075	-.001309
#2	.0001766	.0350306	-.000074	.0004104	-.339362	-.003290	.000228
#3	-.000107	.0065930	-.000162	.0008574	-.487354	.002989	-.002464

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.112274	-.004950	.0009655	.0003540	-.000608	-.001041	-.002379
Stddev	.106645	.001600	.0010838	.0003144	.004712	.001686	.001319
%RSD	94.98597	32.32766	112.2517	88.79796	774.7070	161.8862	55.45831

#1	-.028936	-.006010	.0022083	.0006319	.000825	-.000876	-.003851
#2	-.075432	-.005732	.0004715	.0000128	.003221	-.002803	-.001303
#3	-.232456	-.003109	.0002167	.0004174	-.005870	.000556	-.001983

Sample Name: CCB061 Acquired: 10/20/2021 15:50:15 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB061 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0012721	.0011129	.0000136
Stddev	.0008270	.0014589	.0000723
%RSD	65.01283	131.0877	529.6074

#1	.0017422	.0027094	.0000734
#2	.0017569	-.000151	.0000341
#3	.0003172	.000780	-.000067

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1344.748	27926.17	5573.034	766.6839	1780.742
Stddev	2.488	45.61	19.378	2.4576	1.413
%RSD	.1850522	.1633171	.3477113	.3205470	.0793379

#1	1342.053	27899.50	5572.014	765.3732	1779.496
#2	1346.959	27900.19	5554.187	769.5190	1780.453
#3	1345.231	27978.84	5592.903	765.1595	1782.277

Sample Name: M4185-13 Acquired: 10/20/2021 15:54:23 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AC3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4570465	.0041553	2.845993	.0343332	.0100862	91.82187
Stddev	.0055142	.0018613	.002022	.0054147	.0027616	.18202
%RSD	1.206492	44.79326	.0710323	15.77117	27.38000	.1982315

#1	.4515163	.0062874	2.848072	.0350962	.0081380	91.98289
#2	.4625446	.0028545	2.844035	.0393259	.0132466	91.85836
#3	.4570787	.0033240	2.845871	.0285774	.0088741	91.62438

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.119020	.0131382	.0165656	85.81210	.1691367	.1547878
Stddev	.003614	.0001589	.0002011	.19293	.0013832	.0004270
%RSD	.3229340	1.209331	1.213855	.2248268	.8178199	.2758560

#1	1.122567	.0133174	.0163379	85.59079	.1682485	.1549428
#2	1.119149	.0130826	.0167189	85.90071	.1707305	.1551156
#3	1.115343	.0130146	.0166398	85.94481	.1684313	.1543049

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6212613	328.9057	6.790849	26.40924	.3135206	.0139988
Stddev	.0009477	1.1370	.004546	.01984	.0008419	.0002943
%RSD	.1525395	.3457035	.0669392	.0751369	.2685294	2.102510

#1	.6207587	329.6957	6.787681	26.42472	.3133021	.0139633
#2	.6223544	329.4188	6.788809	26.38687	.3128095	.0137238
#3	.6206709	327.6025	6.796058	26.41614	.3144502	.0143092

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.251978	.1996174	6.387773	13.98029	F 12.11837	.0410111
Stddev	.368833	.0029146	.024831	.03354	.05223	.0049127
%RSD	29.46000	1.460071	.3887316	.2399160	.4309769	11.97903

#1	1.176277	.1982096	6.413562	13.94206	12.16040	.0466321
#2	1.652787	.2029686	6.385730	13.99406	12.05990	.0388621
#3	.926868	.1976740	6.364026	14.00476	12.13481	.0375389

Sample Name: M4185-13 Acquired: 10/20/2021 15:54:23 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AC3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0055561	11.64235	4.793000	.1998361	.4707682	.1101209
Stddev	.0008341	.04642	.026093	.0036688	.0019406	.0012157
%RSD	15.01317	.3987331	.5444011	1.835912	.4122299	1.103992
#1	.0049708	11.68514	4.763921	.2038164	.4699688	.1107783
#2	.0065112	11.64892	4.814370	.1991020	.4729809	.1108663
#3	.0051863	11.59299	4.800710	.1965898	.4693550	.1087180

Elem	Sr4077
Units	ppm
Avg	.1233357
Stddev	.0018294
%RSD	1.483299
#1	.1223633
#2	.1221979
#3	.1254460

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1528.652	32197.80	6449.841	874.5457	1741.021
Stddev	3.902	64.70	33.754	1.0038	.392
%RSD	.2552788	.2009490	.5233384	.1147821	.0225283
#1	1532.932	32128.22	6487.705	873.9288	1741.459
#2	1527.729	32209.05	6422.902	874.0044	1740.905
#3	1525.293	32256.15	6438.917	875.7040	1740.700

Sample Name: M4185-14 Acquired: 10/20/2021 15:58:21 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AC6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2625134	-.000578	25.89617	.0335903	.0587227	99.75148	.9451472
Stddev	.0083885	.005706	.11044	.0048232	.0036470	.02669	.0025012
%RSD	3.195457	986.6059	.4264870	14.35895	6.210604	.0267589	.2646350

#1	.2698372	-.004112	25.95758	.0390942	.0546413	99.72101	.9476353
#2	.2533616	-.003627	25.96226	.0315759	.0598647	99.76266	.9451732
#3	.2643413	.006004	25.76867	.0301009	.0616620	99.77075	.9426332

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0106873	.0312073	29.98582	.1676028	.1290758	1.660310	361.1838
Stddev	.0002673	.0004781	.11612	.0002126	.0005092	.002477	.1597
%RSD	2.500627	1.531889	.3872614	.1268458	.3945263	.1491602	.0442282

#1	.0104933	.0317192	29.89414	.1678354	.1293536	1.657538	361.1696
#2	.0105766	.0311300	30.11640	.1675544	.1293857	1.661087	361.0315
#3	.0109922	.0307725	29.94692	.1674185	.1284881	1.662305	361.3501

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.041871	11.12679	.1361781	.1234492	1.773236	.2537790	18.19314
Stddev	.003332	.03376	.0002504	.0005862	.064911	.0009425	.06364
%RSD	.0660784	.3034560	.1838472	.4748709	3.660574	.3713702	.3497823

#1	5.044322	11.13647	.1361302	.1234000	1.842796	.2526962	18.15553
#2	5.043213	11.08924	.1364490	.1240584	1.714282	.2544148	18.15727
#3	5.038078	11.15465	.1359552	.1228891	1.762630	.2542258	18.26661

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.088453	4.156818	.0086792	.0137126	3.782583	7.310544	.6662981
Stddev	.043270	.019431	.0047740	.0009489	.028834	.017341	.0035422
%RSD	.8503484	.4674492	55.00520	6.920103	.7622738	.2372101	.5316234

#1	5.087516	4.156555	.0082139	.0147661	3.780767	7.329041	.6696008
#2	5.045659	4.176379	.0041549	.0129250	3.812282	7.307939	.6625572
#3	5.132182	4.137520	.0136689	.0134466	3.754700	7.294653	.6667363

Sample Name: M4185-14 Acquired: 10/20/2021 15:58:21 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0AC6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9350433	.0805925	-.038230
Stddev	.0013697	.0005914	.000206
%RSD	.1464897	.7337590	.5397300

#1	.9334952	.0806372	-.038146
#2	.9360981	.0811602	-.038080
#3	.9355365	.0799800	-.038465

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1444.572	30217.00	6025.657	823.8214	1770.236
Stddev	4.623	31.34	23.862	3.8501	4.771
%RSD	.3200380	.1037172	.3960039	.4673409	.2695161

#1	1443.410	30181.94	6000.863	819.4858	1767.919
#2	1440.640	30226.79	6027.648	826.8405	1767.066
#3	1449.665	30242.28	6048.461	825.1380	1775.723

Sample Name: M4185-15 Acquired: 10/20/2021 16:02:21 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AC7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3474805	-.003821	5.105281	.0351582	.0185223	100.3558	.9596028
Stddev	.0091857	.001135	.007861	.0020024	.0028737	.1578	.0028415
%RSD	2.643528	29.69492	.1539778	5.695294	15.51501	.1572387	.2961087

#1	.3397582	-.002607	5.113959	.0359700	.0152885	100.5212	.9617188
#2	.3576387	-.004001	5.098636	.0366271	.0194950	100.3393	.9607163
#3	.3450445	-.004855	5.103249	.0328774	.0207835	100.2069	.9563732

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0095832	.0274637	50.24735	.1694989	.1293690	.6624162	304.7149
Stddev	.0001566	.0001600	.08231	.0016698	.0003902	.0014335	.5546
%RSD	1.634076	.5827835	.1638044	.9851478	.3016333	.2163974	.1819973

#1	.0096318	.0275034	50.17104	.1702622	.1289747	.6640700	305.3411
#2	.0097096	.0272876	50.23644	.1706507	.1297550	.6616488	304.2858
#3	.0094080	.0276003	50.33457	.1675838	.1293775	.6615298	304.5177

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.847243	11.54158	.1321894	.0206574	1.803516	.2461160	9.109875
Stddev	.004367	.03760	.0008075	.0004095	.124812	.0047342	.055209
%RSD	.0900872	.3257782	.6108344	1.982376	6.920507	1.923559	.6060353

#1	4.843226	11.52600	.1312572	.0201871	1.725029	.2427631	9.082094
#2	4.846612	11.51427	.1326430	.0208497	1.947440	.2515316	9.074074
#3	4.851891	11.58446	.1326682	.0209354	1.738078	.2440533	9.173456

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.184328	7.678976	.0182765	.0082308	3.805886	7.658446	.3266055
Stddev	.015687	.006827	.0028799	.0004470	.003923	.055403	.0039683
%RSD	.2536536	.0889024	15.75728	5.430793	.1030770	.7234198	1.215017

#1	6.202384	7.683396	.0181621	.0082406	3.804606	7.696158	.3256559
#2	6.174044	7.682417	.0154556	.0086727	3.802762	7.684343	.3231980
#3	6.176557	7.671113	.0212120	.0077789	3.810289	7.594837	.3309624

Sample Name: M4185-15 Acquired: 10/20/2021 16:02:21 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AC7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8435761	.0839490	.0794363
Stddev	.0040444	.0010637	.0012729
%RSD	.4794320	1.267110	1.602360

#1	.8478633	.0838473	.0793546
#2	.8430361	.0850600	.0807481
#3	.8398288	.0829399	.0782063

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1430.325	29910.31	6021.641	814.2364	1755.975
Stddev	2.153	55.60	23.273	3.0181	1.558
%RSD	.1505376	.1858742	.3864836	.3706651	.0887356

#1	1431.903	29957.77	6001.386	813.3248	1754.873
#2	1427.872	29924.01	6016.474	817.6052	1757.758
#3	1431.200	29849.14	6047.063	811.7792	1755.295

Sample Name: PB139949BL Acquired: 10/20/2021 16:06:21 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBS949 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002846	.0006049	.0027470	.0017325	-.001148	-.001417	-.002924
Stddev	.006022	.0017727	.0006621	.0038383	.000390	.009966	.000401
%RSD	211.5948	293.0531	24.10301	221.5494	33.96627	703.4304	13.70897

#1	-.008399	-.000933	.0034890	.0045540	-.001267	.007799	-.002463
#2	-.003695	.002544	.0022162	-.002638	-.000713	-.011994	-.003192
#3	.003555	.000204	.0025359	.003282	-.001465	-.000055	-.003117

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000008	.0000887	.0015275	-.000557	-.000314	-.001350	.0131153
Stddev	.000007	.0000217	.0101521	.000230	.000189	.002877	.0133537
%RSD	81.91613	24.46885	664.5957	41.23076	59.98815	213.0829	101.8181

#1	-.000012	.0001014	-.001256	-.000642	-.000097	-.003812	.0211485
#2	-.000000	.0000636	-.006943	-.000297	-.000437	-.002051	.0204971
#3	-.000012	.0001010	.012781	-.000733	-.000409	.001813	-.002300

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001432	-.017153	.0003845	.0007472	-.565066	-.001407	.0010226
Stddev	.0002310	.015798	.0003502	.0002980	.456852	.002304	.0018152
%RSD	161.2856	92.10126	91.06252	39.87658	80.84941	163.7192	177.5145

#1	.0003679	-.008458	.0005978	.0005301	-1.09240	.001025	.0020713
#2	-.000094	-.035389	-.000020	.0006247	-.31377	-.001690	.0020699
#3	.000156	-.007613	.000575	.0010870	-.28902	-.003556	-.001073

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.108281	-.004943	-.009470	.0001164	-.004250	-.002663	-.002177
Stddev	.026873	.002920	.001136	.0003434	.004583	.000874	.001192
%RSD	24.81833	59.07830	11.99249	295.1593	107.8332	32.80663	54.72864

#1	-.138686	-.007649	-.010411	.0005123	-.000029	-.002302	-.003481
#2	-.098446	-.005333	-.008208	-.000101	-.003596	-.002028	-.001144
#3	-.087709	-.001848	-.009791	-.000062	-.009125	-.003660	-.001907

Sample Name: PB139949BL Acquired: 10/20/2021 16:06:21 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBS949 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0010950	.0006134	-.000021
Stddev	.0001545	.0018809	.000060
%RSD	14.11505	306.6472	288.2970

#1	.0012679	.0023485	-.000078
#2	.0009704	-.001385	-.000027
#3	.0010466	.000877	.000042

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1341.862	27851.98	5548.216	767.9046	1783.363
Stddev	2.284	27.51	20.332	2.7788	5.680
%RSD	.1702052	.0987628	.3664689	.3618682	.3184843

#1	1340.808	27851.81	5571.652	765.5501	1779.653
#2	1344.482	27824.56	5535.281	767.1941	1780.533
#3	1340.295	27879.57	5537.715	770.9697	1789.901

Sample Name: M4206-01 Acquired: 10/20/2021 16:14:38 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C0AZ0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1086703	-.002558	3.898657	.0271992	.0051537	80.81053	.6635088
Stddev	.0098568	.004916	.011446	.0075611	.0036799	.25035	.0023652
%RSD	9.070411	192.1812	.2935943	27.79907	71.40259	.3097983	.3564646

#1	.1031135	-.007453	3.896726	.0214779	.0009446	80.53727	.6644776
#2	.1200510	-.002600	3.888300	.0243485	.0077623	80.86547	.6608130
#3	.1028464	.002379	3.910946	.0357713	.0067543	81.02884	.6652358

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0108133	.0369986	83.47715	.1395406	.1264976	.5603228	254.0338
Stddev	.0001025	.0000365	.23922	.0003871	.0005833	.0048429	1.3344
%RSD	.9480106	.0987290	.2865697	.2773897	.4611516	.8643070	.5252798

#1	.0108137	.0370386	83.56700	.1391014	.1258722	.5571846	252.4933
#2	.0109156	.0369902	83.20601	.1396879	.1265938	.5578836	254.7775
#3	.0107106	.0369670	83.65843	.1398323	.1270269	.5659004	254.8306

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.691337	16.98213	.1730503	.0131991	1.000168	.1662967	11.26618
Stddev	.021024	.07941	.0007630	.0002663	.116037	.0038343	.06309
%RSD	.3141908	.4676371	.4409069	2.017651	11.60170	2.305728	.5600281

#1	6.704882	16.89119	.1722228	.0131029	1.126453	.1626621	11.32331
#2	6.667117	17.03784	.1732024	.0135001	.898250	.1703037	11.27676
#3	6.702011	17.01736	.1737258	.0129942	.975801	.1659243	11.19846

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.390370	4.297107	.0272035	.0066662	5.714804	10.95489	.2886953
Stddev	.081945	.024071	.0032553	.0001114	.009659	.07711	.0027792
%RSD	.9766525	.5601582	11.96651	1.670803	.1690143	.7038789	.9626750

#1	8.312060	4.279778	.0292073	.0065794	5.708197	10.86705	.2884972
#2	8.383531	4.324591	.0289559	.0067918	5.725889	10.98621	.2915682
#3	8.475520	4.286953	.0234474	.0066274	5.710327	11.01141	.2860204

Sample Name: M4206-01 Acquired: 10/20/2021 16:14:38 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C0AZ0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5285009	.0862747	.0342256
Stddev	.0005632	.0027878	.0008740
%RSD	.1065632	3.231305	2.553539

#1	.5279670	.0837528	.0349271
#2	.5290894	.0858032	.0332466
#3	.5284462	.0892682	.0345032

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1478.311	31051.83	6222.333	845.1990	1754.385
Stddev	4.219	86.55	41.162	1.8129	1.488
%RSD	.2853900	.2787419	.6615216	.2144972	.0848060

#1	1474.553	31148.78	6266.507	843.5913	1752.668
#2	1482.874	31024.41	6215.437	844.8417	1755.294
#3	1477.506	30982.32	6185.054	847.1639	1755.192

Sample Name: M4206-02 Acquired: 10/20/2021 16:18:40 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C0AZ8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0730081	.0021668	5.340312	.0232467	.0030351	90.83509
Stddev	.0062882	.0033975	.013877	.0039299	.0019069	.18788
%RSD	8.612963	156.7981	.2598573	16.90526	62.82562	.2068402

#1	.0658153	.0046352	5.331963	.0252323	.0011826	91.04224
#2	.0757445	.0035734	5.356331	.0187201	.0029309	90.67569
#3	.0774643	-.001708	5.332641	.0257875	.0049920	90.78733

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.581089	.0090122	.0307715	64.35072	.2172727	.0899016
Stddev	.008532	.0001608	.0000350	.17606	.0007169	.0003638
%RSD	.2382510	1.784262	.1135800	.2735908	.3299443	.4046496

#1	3.590940	.0088980	.0307311	64.45802	.2167087	.0900858
#2	3.576264	.0089425	.0307905	64.44661	.2170300	.0901364
#3	3.576062	.0091961	.0307928	64.14753	.2180795	.0894825

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9793527	267.0715	3.947053	8.738131	.1193970	.0138746
Stddev	.0066078	.6807	.008075	.088407	.0002415	.0003359
%RSD	.6747143	.2548653	.2045747	1.011741	.2022683	2.420853

#1	.9854882	267.7550	3.943255	8.771471	.1196716	.0137352
#2	.9802130	266.3937	3.956327	8.637902	.1193020	.0142578
#3	.9723569	267.0657	3.941578	8.805021	.1192175	.0136309

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.268457	.2306928	6.070219	7.772646	F 13.84405	.0190395
Stddev	.157338	.0020446	.073255	.064813	.07207	.0034884
%RSD	12.40386	.8863042	1.206798	.8338641	.5205717	18.32211

#1	1.180393	.2307104	6.153137	7.792979	13.86173	.0224471
#2	1.174871	.2327286	6.014277	7.824856	13.90564	.0191961
#3	1.450107	.2286394	6.043243	7.700105	13.76479	.0154754

Sample Name: M4206-02 Acquired: 10/20/2021 16:18:40 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C0AZ8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0108309	3.329605	11.81926	.1208564	.6854231	.0623745
Stddev	.0004512	.039320	.06372	.0048208	.0032434	.0009633
%RSD	4.165511	1.180913	.5391155	3.988878	.4731979	1.544438

#1	.0112905	3.347570	11.76271	.1238601	.6890016	.0634115
#2	.0108134	3.356733	11.80677	.1234133	.6826771	.0622045
#3	.0103887	3.284512	11.88830	.1152958	.6845906	.0615075

Elem	Sr4077
Units	ppm
Avg	.3152804
Stddev	.0009453
%RSD	.2998320

#1	.3148647
#2	.3163623
#3	.3146142

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1462.995	30552.60	6082.945	831.7655	1760.289
Stddev	.950	138.77	1.897	6.3290	2.567
%RSD	.0649060	.4542140	.0311832	.7609138	.1458076

#1	1462.130	30398.39	6080.919	824.4951	1759.404
#2	1462.844	30667.43	6083.239	836.0431	1758.282
#3	1464.011	30591.97	6084.678	834.7583	1763.181

Sample Name: M4206-03 Acquired: 10/20/2021 16:22:42 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C0B00 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0689210	.0056236	1.361845	.0151845	.0003867	85.45291	.9440107
Stddev	.0044897	.0016192	.002814	.0012373	.0017119	.52983	.0007539
%RSD	6.514220	28.79320	.2066617	8.148604	442.6983	.6200222	.0798625

#1	.0706879	.0058283	1.358911	.0149555	-.001573	85.96452	.9435810
#2	.0722585	.0071307	1.364523	.0165203	.001142	85.48763	.9448812
#3	.0638167	.0039117	1.362100	.0140777	.001591	84.90658	.9435698

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0094686	.0121187	6.095371	.1538397	.1424154	.2385036	238.6921
Stddev	.0000236	.0000767	.037031	.0008351	.0004388	.0029290	2.0842
%RSD	.2498234	.6330355	.6075317	.5428353	.3081249	1.228085	.8731656

#1	.0094516	.0120302	6.135656	.1546955	.1419410	.2416583	240.5804
#2	.0094585	.0121663	6.087645	.1530270	.1428069	.2358703	239.0401
#3	.0094956	.0121597	6.062812	.1537967	.1424982	.2379822	236.4558

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.270970	5.478325	.0672734	.0089802	.6448687	.2492989	1.763970
Stddev	.003083	.087047	.0002593	.0003968	.1904002	.0022699	.014954
%RSD	.0721893	1.588939	.3855002	4.418356	29.52542	.9105300	.8477499

#1	4.274293	5.519379	.0671484	.0087951	.8646586	.2500893	1.775942
#2	4.268203	5.537253	.0671003	.0094357	.5396134	.2510681	1.768760
#3	4.270416	5.378342	.0675716	.0087098	.5303341	.2467395	1.747208

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.284522	5.177385	-.004256	.0077566	3.117076	11.53528	.1143555
Stddev	.015911	.017496	.004551	.0010753	.025256	.01617	.0036006
%RSD	.4844088	.3379298	106.9348	13.86293	.8102309	.1401615	3.148638

#1	3.279347	5.197186	.000982	.0066003	3.126890	11.55149	.1142842
#2	3.302375	5.170958	-.006510	.0079429	3.135952	11.53518	.1107910
#3	3.271843	5.164012	-.007239	.0087265	3.088386	11.51916	.1179912

Sample Name: M4206-03 Acquired: 10/20/2021 16:22:42 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: C0B00 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4391782	.0499596	-.165919
Stddev	.0057902	.0007396	.001753
%RSD	1.318418	1.480364	1.056459

#1	.4433439	.0494929	-.167611
#2	.4416243	.0508123	-.166034
#3	.4325664	.0495736	-.164111

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1498.508	31253.42	6208.071	858.5862	1796.401
Stddev	3.611	31.77	18.598	.3118	2.508
%RSD	.2409961	.1016648	.2995729	.0363152	.1396248

#1	1499.965	31218.76	6186.600	858.7499	1795.574
#2	1494.395	31281.18	6219.159	858.2267	1794.411
#3	1501.163	31260.31	6218.454	858.7821	1799.219

Sample Name: M4206-04 Acquired: 10/20/2021 16:26:47 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C0B01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2272256	.0006303	4.334033	.0310210	.0035011	105.8613
Stddev	.0093438	.0018177	.002110	.0008010	.0028381	.3050
%RSD	4.112135	288.3939	.0486913	2.581970	81.06439	.2880916

#1	.2167930	-.000616	4.335949	.0302074	.0043226	106.0165
#2	.2348247	.002716	4.331772	.0318087	.0003428	106.0575
#3	.2300590	-.000210	4.334379	.0310469	.0058379	105.5100

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.864148	.0122040	.0243181	14.32837	.1899697	.1311548
Stddev	.000555	.0002250	.0003351	.01102	.0016183	.0008387
%RSD	.0297770	1.843964	1.377835	.0768986	.8518864	.6394673

#1	1.863947	.0123463	.0242608	14.34074	.1890699	.1307605
#2	1.863722	.0123212	.0240154	14.31961	.1918380	.1305860
#3	1.864776	.0119446	.0246781	14.32476	.1890013	.1321180

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3215008	306.3903	9.725197	7.918404	.1211288	.0105415
Stddev	.0029519	1.8052	.006012	.041435	.0011596	.0005955
%RSD	.9181499	.5891798	.0618148	.5232744	.9573075	5.648795

#1	.3181028	307.5980	9.720162	7.954828	.1206684	.0112164
#2	.3234315	307.2578	9.723577	7.927059	.1202701	.0103179
#3	.3229681	304.3151	9.731853	7.873325	.1224479	.0100901

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.084591	.2435306	3.999619	5.410694	F 16.61944	.0211125
Stddev	.264445	.0049977	.016747	.040208	.11098	.0070504
%RSD	24.38203	2.052176	.4187193	.7431167	.6677763	33.39454

#1	1.379465	.2485444	3.981637	5.382305	16.49210	.0163848
#2	.868465	.2434980	4.002451	5.456704	16.67060	.0292161
#3	1.005842	.2385492	4.014770	5.393072	16.69561	.0177365

Sample Name: M4206-04 Acquired: 10/20/2021 16:26:47 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C0B01 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0098383	3.139571	11.17695	.0756686	.7578719	.0603958
Stddev	.0004724	.019213	.11665	.0056170	.0015741	.0006704
%RSD	4.801103	.6119531	1.043625	7.423151	.2076990	1.109971

#1	.0103529	3.122114	11.30817	.0791355	.7596687	.0596532
#2	.0094245	3.160155	11.13763	.0786823	.7572108	.0605776
#3	.0097374	3.136443	11.08505	.0691879	.7567361	.0609565

Elem	Sr4077
Units	ppm
Avg	-.104517
Stddev	.001863
%RSD	1.782931

#1	-.105483
#2	-.105700
#3	-.102369

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1518.363	31532.76	6337.912	866.5440	1773.660
Stddev	1.793	215.72	46.583	2.7622	4.262
%RSD	.1180817	.6841282	.7349929	.3187635	.2402709

#1	1517.001	31743.60	6289.905	867.5015	1771.970
#2	1520.394	31542.23	6340.902	868.7001	1778.507
#3	1517.695	31312.46	6382.928	863.4305	1770.502

Sample Name: M4206-05 Acquired: 10/20/2021 16:30:49 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C0B10 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2825838	.0025807	2.335830	.0259617	.0010421	96.23620	1.298248
Stddev	.0024720	.0060825	.008002	.0048089	.0020883	.36019	.005466
%RSD	.8747710	235.6922	.3425560	18.52293	200.3968	.3742752	.4210314

#1	.2798819	.0040892	2.328257	.0225507	-.000534	96.00296	1.299478
#2	.2831375	.0077670	2.335031	.0314619	.003411	96.65104	1.302995
#3	.2847319	-.004114	2.344200	.0238727	.000249	96.05460	1.292272

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0122659	.0496774	53.82050	.2075089	.1490646	.4985273	314.6038
Stddev	.0002200	.0003268	.07373	.0015982	.0005142	.0005737	1.1875
%RSD	1.793557	.6578015	.1369939	.7701944	.3449376	.1150795	.3774554

#1	.0122621	.0499638	53.79523	.2090257	.1487674	.4987514	313.2677
#2	.0124878	.0493215	53.90354	.2076609	.1487681	.4989551	315.5388
#3	.0120479	.0497470	53.76272	.2058401	.1496583	.4978754	315.0048

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.029822	30.60986	.2518253	.0125040	1.082553	.1992521	8.998383
Stddev	.015839	.05211	.0004929	.0004946	.191656	.0030139	.054169
%RSD	.2626822	.1702536	.1957152	3.955461	17.70412	1.512592	.6019883

#1	6.041618	30.56377	.2523808	.0120853	1.164588	.2027196	8.949727
#2	6.036029	30.59940	.2516545	.0130497	.863533	.1972614	9.056751
#3	6.011820	30.66641	.2514405	.0123770	1.219538	.1977754	8.988671

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.97720	9.563325	.0167457	.0055772	4.708947	10.44423	.1371628
Stddev	.07916	.027467	.0035726	.0008983	.013736	.03747	.0009291
%RSD	.5285624	.2872102	21.33412	16.10662	.2916934	.3587327	.6774022

#1	15.02581	9.548040	.0127372	.0051788	4.710706	10.46581	.1381087
#2	15.01994	9.595034	.0195938	.0049469	4.694417	10.40097	.1362513
#3	14.88585	9.546901	.0179062	.0066057	4.721719	10.46591	.1371282

Sample Name: M4206-05 Acquired: 10/20/2021 16:30:49 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: C0B10 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4174673	.1215305	-.038121
Stddev	.0020557	.0010745	.000498
%RSD	.4924228	.8841699	1.305917

#1	.4151637	.1203410	-.037548
#2	.4181232	.1224309	-.038454
#3	.4191150	.1218197	-.038360

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1511.270	31566.47	6343.247	866.3786	1753.226
Stddev	1.854	55.02	26.182	1.5076	3.737
%RSD	.1226672	.1743036	.4127583	.1740157	.2131276

#1	1512.573	31518.10	6342.255	865.9468	1754.549
#2	1512.090	31554.96	6369.911	865.1340	1756.121
#3	1509.147	31626.33	6317.575	868.0550	1749.007

Sample Name: M4206-06 Acquired: 10/20/2021 16:34:50 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C0B21 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1479925	.0006678	3.909098	.0240933	.0074355	79.36670	.6899059
Stddev	.0044372	.0069618	.011451	.0084750	.0021319	.23984	.0022378
%RSD	2.998279	1042.497	.2929310	35.17583	28.67229	.3021865	.3243665

#1	.1527373	.0063464	3.895878	.0283424	.0097702	79.08989	.6891072
#2	.1472947	-.007099	3.915499	.0296032	.0055922	79.49791	.6924335
#3	.1439456	.002756	3.915918	.0143343	.0069440	79.51230	.6881770

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0104351	.0349010	72.69039	.1322792	.1268400	.5381449	251.7853
Stddev	.0000780	.0002663	.28097	.0007119	.0010119	.0042161	1.4289
%RSD	.7477582	.7630142	.3865323	.5382082	.7977550	.7834567	.5675183

#1	.0105188	.0352041	72.66802	.1314846	.1256963	.5364153	250.5325
#2	.0104220	.0347945	72.98187	.1328589	.1276191	.5429507	251.4816
#3	.0103644	.0347045	72.42127	.1324942	.1272044	.5350685	253.3416

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.288735	16.77100	.1697608	.0147787	.5465688	.1658077	11.23470
Stddev	.030160	.15186	.0011578	.0002994	.2151994	.0032040	.06413
%RSD	.4795896	.9054980	.6820297	2.026022	39.37279	1.932378	.5708033

#1	6.280350	16.67187	.1689859	.0151133	.7143207	.1628292	11.25843
#2	6.322201	16.69530	.1692049	.0146866	.3039313	.1691975	11.16209
#3	6.263655	16.94583	.1710918	.0145361	.6214546	.1653964	11.28359

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.277744	4.211675	.0305320	.0137296	5.320735	10.50414	.1960271
Stddev	.042389	.013090	.0044193	.0006729	.036867	.02080	.0020270
%RSD	.5120838	.3108118	14.47427	4.901017	.6928943	.1980370	1.034031

#1	8.285088	4.209034	.0254653	.0130682	5.328084	10.48449	.1970661
#2	8.232162	4.200106	.0325401	.0144134	5.280748	10.50202	.1973239
#3	8.315981	4.225884	.0335908	.0137073	5.353375	10.52593	.1936913

Sample Name: M4206-06 Acquired: 10/20/2021 16:34:50 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: C0B21 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5101307	.0852703	.0130686
Stddev	.0023965	.0012783	.0014530
%RSD	.4697775	1.499060	11.11834

#1	.5073638	.0841039	.0139589
#2	.5114761	.0866368	.0138550
#3	.5115521	.0850701	.0113919

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1470.909	30840.99	6144.984	843.9103	1752.498
Stddev	.705	20.84	11.557	5.5267	1.685
%RSD	.0479251	.0675693	.1880760	.6548923	.0961561

#1	1470.295	30848.40	6151.152	839.3963	1754.124
#2	1471.679	30857.11	6152.148	850.0740	1750.760
#3	1470.754	30817.46	6131.651	842.2606	1752.611

Sample Name: M4206-07 Acquired: 10/20/2021 16:38:52 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C0B26 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0473088	-.000109	4.181145	.0234588	.0004935	92.07529	.5997377
Stddev	.0021235	.007464	.010278	.0079512	.0026566	.06450	.0028352
%RSD	4.488635	6832.752	.2458266	33.89440	538.2960	.0700527	.4727448

#1	.0491412	-.004289	4.185300	.0156686	.0032381	92.00098	.5992279
#2	.0478037	.008508	4.188697	.0231458	.0003080	92.11678	.6027932
#3	.0449816	-.004547	4.169440	.0315618	-.002065	92.10812	.5971919

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0122616	.0305133	30.58697	.1643680	.1538936	.6323713	323.7740
Stddev	.0001509	.0001785	.02025	.0016676	.0005894	.0040024	.1412
%RSD	1.230922	.5851342	.0661905	1.014569	.3829787	.6329253	.0436123

#1	.0121581	.0306231	30.61035	.1628006	.1534842	.6368798	323.8902
#2	.0124348	.0306096	30.57515	.1641829	.1545691	.6292370	323.6168
#3	.0121919	.0303073	30.57541	.1661204	.1536275	.6309972	323.8150

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.169846	19.33998	.2153027	.0159908	.8451823	.2005069	10.77538
Stddev	.017594	.07757	.0008239	.0001864	.0630867	.0023223	.15497
%RSD	.3403143	.4010634	.3826618	1.165620	7.464266	1.158202	1.438184

#1	5.182505	19.39194	.2158689	.0161649	.9046676	.2027783	10.76185
#2	5.177276	19.25082	.2143575	.0157942	.8518545	.1981369	10.62761
#3	5.149756	19.37717	.2156817	.0160134	.7790247	.2006054	10.93667

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.507495	3.063102	.0055626	.0029456	2.133488	11.11250	.1460578
Stddev	.084897	.013526	.0070571	.0008746	.007112	.08290	.0021198
%RSD	.9979031	.4415829	126.8682	29.69309	.3333704	.7460386	1.451309

#1	8.605466	3.070528	.0114607	.0024507	2.133367	11.04339	.1480513
#2	8.455566	3.071288	-.002256	.0039555	2.140659	11.20442	.1462910
#3	8.461453	3.047490	.007483	.0024306	2.126436	11.08969	.1438311

Sample Name: M4206-07 Acquired: 10/20/2021 16:38:52 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: C0B26 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4094437	.1080445	-.174504
Stddev	.0007683	.0016103	.000398
%RSD	.1876512	1.490394	.2279198

#1	.4098160	.1062356	-.174555
#2	.4085601	.1093218	-.174083
#3	.4099549	.1085759	-.174874

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1499.299	31352.19	6215.473	859.2146	1750.820
Stddev	.892	329.49	19.968	11.2686	2.693
%RSD	.0594733	1.050937	.3212619	1.311497	.1538195

#1	1498.351	31511.92	6237.986	862.6979	1748.807
#2	1500.121	31571.37	6199.905	868.3302	1749.773
#3	1499.423	30973.27	6208.529	846.6156	1753.879

Sample Name: M4206-08 Acquired: 10/20/2021 16:42:54 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C0B34 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0963747	-.001656	6.883246	.0233372	.0023245	96.41926
Stddev	.0018845	.007504	.014743	.0027157	.0013279	.40495
%RSD	1.955402	453.1605	.2141920	11.63680	57.12519	.4199901

#1	.0959260	-.001122	6.891604	.0205192	.0018973	96.84616
#2	.0984431	-.009413	6.866222	.0235547	.0038134	96.04058
#3	.0947550	.005567	6.891911	.0259375	.0012628	96.37105

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.099147	.0094433	.0394249	64.05248	.2567592	.1012376
Stddev	.014757	.0001926	.0004155	.27278	.0009243	.0000525
%RSD	.2894015	2.039890	1.053892	.4258729	.3600001	.0518930

#1	5.114148	.0096654	.0396822	64.31632	.2563866	.1011858
#2	5.098646	.0093222	.0396469	63.77155	.2560793	.1012908
#3	5.084647	.0093422	.0389455	64.06956	.2578116	.1012363

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.131027	266.6967	4.826583	9.547873	.1278481	.0149217
Stddev	.000999	.7420	.017843	.037994	.0008061	.0004021
%RSD	.0883379	.2782289	.3696862	.3979292	.6305222	2.694988

#1	1.130189	267.1388	4.842742	9.569908	.1270238	.0144844
#2	1.132133	265.8400	4.829574	9.569709	.1286347	.0150050
#3	1.130761	267.1113	4.807434	9.504001	.1278858	.0152757

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.199688	.2593330	9.074298	7.591287	F 18.25053	.0343758
Stddev	.109356	.0004108	.028141	.068319	.02884	.0027192
%RSD	9.115377	.1584138	.3101227	.8999596	.1580433	7.910329

#1	1.077476	.2598056	9.091869	7.666815	18.24327	.0328516
#2	1.233280	.2590613	9.089185	7.533799	18.28231	.0375153
#3	1.288307	.2591321	9.041840	7.573247	18.22601	.0327605

Sample Name: M4206-08 Acquired: 10/20/2021 16:42:54 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C0B34 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0102921	3.494863	10.58945	.2148202	.8104066	.0682868
Stddev	.0007452	.026491	.10503	.0006011	.0083625	.0009615
%RSD	7.240445	.7579939	.9918028	.2798279	1.031893	1.408049

#1	.0095488	3.465343	10.68929	.2141265	.8104084	.0693535
#2	.0102882	3.502679	10.47991	.2151479	.8020431	.0674867
#3	.0110392	3.516566	10.59913	.2151863	.8187682	.0680202

Elem	Sr4077
Units	ppm
Avg	.3898282
Stddev	.0020559
%RSD	.5273780

#1	.3919813
#2	.3878858
#3	.3896175

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1459.197	30474.53	6085.702	834.2047	1765.472
Stddev	2.375	68.93	20.786	2.5949	1.315
%RSD	.1627619	.2261983	.3415545	.3110680	.0745079

#1	1456.685	30543.97	6063.804	831.4899	1766.003
#2	1461.406	30473.50	6088.141	834.4637	1766.439
#3	1459.499	30406.11	6105.161	836.6603	1763.974

Sample Name: M4206-09 Acquired: 10/20/2021 16:46:54 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C0B34D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1013111	-.001814	6.880643	.0234500	.0029374	96.48493
Stddev	.0094838	.001256	.007104	.0062942	.0040539	.39687
%RSD	9.361044	69.21099	.1032415	26.84083	138.0091	.4113321

#1	.1009259	-.000366	6.873467	.0274608	-.001670	96.04868
#2	.1109815	-.002601	6.880790	.0161956	.004524	96.82460
#3	.0920257	-.002476	6.887672	.0266935	.005958	96.58150

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.119341	.0095180	.0394208	64.19899	.2564948	.1012559
Stddev	.038958	.0002226	.0001690	.46127	.0016349	.0005353
%RSD	.7609922	2.339261	.4286630	.7184947	.6373889	.5286091

#1	5.102647	.0092629	.0396153	64.00256	.2581676	.1010820
#2	5.163863	.0096178	.0393361	64.72596	.2564160	.1018565
#3	5.091511	.0096734	.0393109	63.86846	.2549007	.1008293

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.131455	266.2430	4.813849	9.505114	.1299960	.0147890
Stddev	.007297	1.1680	.033292	.029994	.0002106	.0006093
%RSD	.6449259	.4387089	.6915828	.3155527	.1620284	4.119809

#1	1.128781	264.9539	4.791692	9.500307	.1301649	.0141804
#2	1.139712	266.5441	4.852133	9.477815	.1300632	.0153989
#3	1.125872	267.2310	4.797722	9.537221	.1297600	.0147876

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.337405	.2593250	9.098139	7.543131	F 18.26154	.0369108
Stddev	.100949	.0019398	.076386	.100779	.01123	.0081707
%RSD	7.548133	.7480066	.8395749	1.336041	.0615034	22.13640

#1	1.301688	.2571387	9.128475	7.433473	18.25031	.0435028
#2	1.451357	.2608400	9.011245	7.564229	18.26154	.0277693
#3	1.259170	.2599961	9.154696	7.631691	18.27277	.0394603

Sample Name: M4206-09 Acquired: 10/20/2021 16:46:54 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: C0B34D Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0109958	3.501545	10.56372	.2161889	.8111335	.0681957
Stddev	.0002790	.019963	.12556	.0029909	.0017743	.0011735
%RSD	2.537162	.5701299	1.188571	1.383485	.2187399	1.720780

#1	.0111435	3.513078	10.46160	.2184551	.8090912	.0681063
#2	.0106740	3.513063	10.70390	.2127988	.8122957	.0694113
#3	.0111699	3.478493	10.52565	.2173129	.8120137	.0670694

Elem	Sr4077
Units	ppm
Avg	.3899135
Stddev	.0036094
%RSD	.9257040

#1	.3868872
#2	.3939084
#3	.3889449

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1456.797	30324.59	6075.100	828.7865	1761.134
Stddev	3.271	114.54	35.420	5.3007	3.189
%RSD	.2245370	.3776996	.5830406	.6395686	.1810869

#1	1460.080	30387.89	6114.564	830.6833	1764.059
#2	1456.774	30393.51	6046.064	832.8778	1761.610
#3	1453.538	30192.38	6064.674	822.7984	1757.734

Sample Name: M4206-10 Acquired: 10/20/2021 16:50:53 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C0B34S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1732723	.0850920	6.395488	.2591516	.0453363	105.1574
Stddev	.0027131	.0030378	.022343	.0066895	.0007408	2.9707
%RSD	1.565813	3.570013	.3493534	2.581314	1.633990	2.824997

#1	.1763495	.0830757	6.379575	.2583786	.0456346	101.7629
#2	.1722427	.0836145	6.421031	.2661941	.0444929	106.4269
#3	.1712247	.0885859	6.385858	.2528822	.0458814	107.2825

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.630549	.1110917	.1357325	55.67353	.6445413	1.094795
Stddev	.257148	.0026667	.0007943	1.52562	.0087783	.004902
%RSD	2.979514	2.400423	.5852125	2.740298	1.361941	.4477291

#1	8.335332	.1080136	.1357943	53.91773	.6437579	1.090643
#2	8.750575	.1125564	.1364941	56.42736	.6536850	1.100202
#3	8.805739	.1127049	.1349090	56.67549	.6361810	1.093539

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.356219	233.0402	5.199845	10.31250	1.133624	.0995132
Stddev	.039275	5.8958	.162358	.32975	.007759	.0010595
%RSD	2.895940	2.529945	3.122359	3.197540	.6844268	1.064662

#1	1.310897	226.3436	5.014322	9.94654	1.130052	.0994284
#2	1.377468	235.3268	5.269245	10.40445	1.142525	.1006125
#3	1.380292	237.4501	5.315969	10.58651	1.128294	.0984986

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.513780	1.234502	9.303314	8.197150	F 15.59492	.0432160
Stddev	.382045	.033519	.130652	.235962	.06809	.0058335
%RSD	25.23784	2.715211	1.404364	2.878588	.4366249	13.49852

#1	1.127826	1.196914	9.321982	7.935798	15.51819	.0395472
#2	1.891793	1.245302	9.423629	8.261123	15.64814	.0401581
#3	1.521720	1.261290	9.164332	8.394530	15.61842	.0499427

Sample Name: M4206-10 Acquired: 10/20/2021 16:50:53 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C0B34S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0113581	3.050801	10.72989	.2209183	.8565440	.0736599
Stddev	.0005741	.025522	.25953	.0016435	.0244818	.0009912
%RSD	5.054289	.8365665	2.418762	.7439524	2.858212	1.345709

#1	.0119068	3.021679	10.43128	.2209591	.8287029	.0725173
#2	.0114058	3.069274	10.85723	.2192547	.8662204	.0742896
#3	.0107616	3.061451	10.90115	.2225410	.8747088	.0741728

Elem	Sr4077
Units	ppm
Avg	.4536303
Stddev	.0128093
%RSD	2.823732

#1	.4390938
#2	.4585331
#3	.4632641

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1435.977	29975.58	6128.535	818.8281	1738.239
Stddev	10.079	488.69	150.005	7.4825	6.034
%RSD	.7018681	1.630287	2.447646	.9138016	.3471481

#1	1439.860	29900.57	6291.915	818.6109	1741.644
#2	1424.534	29528.72	6096.662	811.4567	1731.271
#3	1443.536	30497.43	5997.029	826.4169	1741.801

Sample Name: M4206-08LX5 Acquired: 10/20/2021 16:54:48 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C0B34L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0229279	.0000773	1.333549	.0065984	-.001526	19.87915	1.042207
Stddev	.0043272	.0018048	.001551	.0067340	.002441	.18111	.013696
%RSD	18.87310	2333.964	.1162979	102.0547	159.9260	.9110331	1.314126

#1	.0262271	-.001735	1.333072	.0135637	-.004289	20.08533	1.055589
#2	.0245280	.001875	1.335282	.0001224	.000335	19.74578	1.028217
#3	.0180285	.000092	1.332292	.0061090	-.000624	19.80634	1.042815

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021212	.0076437	13.30322	.0535199	.0189242	.2352255	55.64409
Stddev	.0000740	.0002691	.16113	.0003848	.0000710	.0025542	.58050
%RSD	3.488357	3.519936	1.211187	.7190329	.3754023	1.085870	1.043235

#1	.0021323	.0076672	13.48924	.0534308	.0189820	.2381538	56.27658
#2	.0020422	.0073636	13.21337	.0531875	.0188449	.2340662	55.52005
#3	.0021890	.0079001	13.20706	.0539415	.0189456	.2334564	55.13563

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.010256	1.977288	.0247607	.0035537	-.185236	.0525440	1.895026
Stddev	.011316	.028391	.0003549	.0003084	.074456	.0034760	.015518
%RSD	1.120119	1.435871	1.433495	8.677894	40.19528	6.615484	.8188726

#1	1.023263	1.995034	.0250231	.0038332	-.158064	.0547733	1.896535
#2	1.004833	1.992287	.0249021	.0032229	-.269462	.0543200	1.909735
#3	1.002671	1.944543	.0243568	.0036050	-.128182	.0485388	1.878809

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.444256	3.574778	.0020871	.0023789	.6646158	2.224888	.0375136
Stddev	.046320	.005223	.0011527	.0006378	.0105719	.025872	.0031834
%RSD	3.207206	.1461154	55.22951	26.81062	1.590674	1.162846	8.485905

#1	1.427470	3.580160	.0030214	.0027120	.6592826	2.254470	.0358759
#2	1.408669	3.569730	.0024408	.0027812	.6767920	2.213707	.0411824
#3	1.496629	3.574446	.0007990	.0016435	.6577728	2.206487	.0354824

Sample Name: M4206-08LX5 Acquired: 10/20/2021 16:54:48 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C0B34L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1693995	.0137084	.0808190
Stddev	.0018973	.0015790	.0006046
%RSD	1.119998	11.51884	.7480888

#1	.1702838	.0129273	.0815130
#2	.1706932	.0155257	.0804069
#3	.1672215	.0126721	.0805370

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1370.759	28496.41	5618.316	788.7757	1788.578
Stddev	3.480	116.77	46.578	.6043	1.170
%RSD	.2538434	.4097701	.8290318	.0766122	.0654126

#1	1368.258	28368.15	5565.103	789.3853	1787.230
#2	1374.733	28524.49	5638.161	788.7649	1789.185
#3	1369.287	28596.57	5651.685	788.1769	1789.320

Sample Name: M4206-11 Acquired: 10/20/2021 16:58:52 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C0B36 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0538273	.0021107	1.483137	.0262335	.0005746	91.67381	1.093958
Stddev	.0066060	.0064343	.007075	.0040051	.0022633	.97646	.009983
%RSD	12.27258	304.8469	.4770508	15.26718	393.8752	1.065148	.9125554

#1	.0538824	-.002658	1.485683	.0220339	.0027965	92.29071	1.096682
#2	.0471939	.009429	1.488588	.0300106	-.001728	92.18271	1.102297
#3	.0604056	-.000439	1.475142	.0266559	.000655	90.54802	1.082896

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0106381	.0146101	3.749458	.1522065	.1591436	.2195313	279.4973
Stddev	.0000487	.0000946	.051438	.0006051	.0001562	.0041855	2.8409
%RSD	.4579116	.6475120	1.371892	.3975591	.0981526	1.906582	1.016422

#1	.0106886	.0145786	3.759891	.1520321	.1590630	.2212813	282.2443
#2	.0106343	.0145352	3.794880	.1528796	.1593236	.2225578	279.6765
#3	.0105913	.0147164	3.693603	.1517077	.1590441	.2147547	276.5710

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.714268	5.959030	.0885666	.0092984	.4755886	.2100167	2.088312
Stddev	.076303	.060112	.0003941	.0005227	.1913854	.0036551	.004452
%RSD	1.136424	1.008752	.4449890	5.621568	40.24179	1.740393	.2131697

#1	6.746957	6.022962	.0882205	.0098663	.5621800	.2138244	2.084199
#2	6.768781	5.950473	.0884837	.0091917	.2562111	.2096897	2.093039
#3	6.627067	5.903656	.0889956	.0088374	.6083747	.2065361	2.087698

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.849748	4.905908	.0065590	.0060438	1.630150	10.80391	.2458968
Stddev	.067199	.016269	.0056354	.0008641	.012681	.15887	.0026875
%RSD	2.358056	.3316165	85.91904	14.29760	.7778741	1.470523	1.092931

#1	2.825303	4.903757	.0002943	.0061444	1.617699	10.98034	.2463785
#2	2.925747	4.890822	.0112154	.0051338	1.629704	10.75922	.2430010
#3	2.798193	4.923146	.0081671	.0068533	1.643048	10.67216	.2483108

Sample Name: M4206-11 Acquired: 10/20/2021 16:58:52 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: C0B36 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4818023	.0527604	-.223719
Stddev	.0038307	.0011402	.002518
%RSD	.7950783	2.161059	1.125721

#1	.4829916	.0515929	-.226404
#2	.4848973	.0538711	-.223342
#3	.4775180	.0528173	-.221409

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1526.713	31658.76	6245.985	872.0963	1785.322
Stddev	2.134	165.03	61.240	1.5873	1.617
%RSD	.1397776	.5212744	.9804769	.1820089	.0905553

#1	1524.250	31847.06	6183.507	873.6903	1786.383
#2	1527.874	31539.23	6248.541	870.5158	1783.461
#3	1528.015	31590.01	6305.908	872.0828	1786.121

Sample Name: M4206-12 Acquired: 10/20/2021 17:02:55 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C0B37 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1633240	-.000317	1.567049	.0352445	-.000095	115.5599
Stddev	.0073011	.002648	.002076	.0006919	.003273	.2538
%RSD	4.470327	834.2779	.1324789	1.962997	3429.066	.2196346

#1	.1639386	.001218	1.566019	.0360179	.002828	115.7154
#2	.1557350	-.003375	1.569439	.0346845	-.003632	115.6972
#3	.1702983	.001205	1.565690	.0350312	.000517	115.2670

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.202019	.0132098	.0158827	7.124331	.1289039	.1463901
Stddev	.002986	.0002059	.0000988	.041108	.0019481	.0009770
%RSD	.1355895	1.558933	.6220139	.5770146	1.511285	.6673824

#1	2.202185	.0131901	.0159889	7.126581	.1267002	.1473457
#2	2.204918	.0130144	.0157935	7.164268	.1296148	.1464317
#3	2.198954	.0134248	.0158656	7.082143	.1303967	.1453930

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2123197	390.0699	17.82432	7.267583	.1213211	.0110845
Stddev	.0019685	1.0580	.01434	.040802	.0002704	.0004889
%RSD	.9271353	.2712250	.0804735	.5614285	.2228940	4.410726

#1	.2120183	391.1809	17.83604	7.245172	.1210540	.0106106
#2	.2105193	389.9544	17.82859	7.314679	.1213146	.0110558
#3	.2144215	389.0744	17.80833	7.242898	.1215947	.0115872

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9949725	.2322037	2.376956	5.634764	F 11.89252	.0114098
Stddev	.1658259	.0040551	.019277	.065452	.03555	.0092507
%RSD	16.66638	1.746348	.8110017	1.161577	.2989433	81.07687

#1	1.031746	.2358351	2.384657	5.697505	11.85283	.0172768
#2	.813847	.2329480	2.391193	5.639886	11.92145	.0162068
#3	1.139325	.2278281	2.355019	5.566902	11.90327	.0007459

Sample Name: M4206-12 Acquired: 10/20/2021 17:02:55 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C0B37 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0084883	1.571414	12.06133	.0443391	.6621447	.0666535
Stddev	.0006479	.019049	.07134	.0027814	.0029469	.0008208
%RSD	7.633266	1.212222	.5915063	6.273063	.4450539	1.231421

#1	.0077607	1.566896	12.02642	.0411275	.6625793	.0657212
#2	.0087012	1.592316	12.01417	.0459548	.6648502	.0672674
#3	.0090030	1.555030	12.14341	.0459352	.6590046	.0669719

Elem	Sr4077
Units	ppm
Avg	-.277426
Stddev	.000743
%RSD	.2679072

#1	-.278283
#2	-.277030
#3	-.276964

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1498.219	31125.58	6214.135	855.2206	1772.313
Stddev	2.551	71.70	10.328	4.2291	2.464
%RSD	.1702573	.2303607	.1662035	.4945084	.1390228

#1	1498.711	31069.47	6210.704	850.3401	1770.315
#2	1500.488	31206.36	6225.742	857.5145	1775.066
#3	1495.458	31100.92	6205.959	857.8071	1771.559

Sample Name: M4206-13 Acquired: 10/20/2021 17:06:57 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C0B46 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1249101	-.001001	1.493710	.0244176	-.000662	113.6437	.9956679
Stddev	.0047368	.005561	.007182	.0029831	.002319	.0083	.0019722
%RSD	3.792175	555.6908	.4808391	12.21715	350.1740	.0073368	.1980730

#1	.1270681	-.002924	1.487318	.0274402	.002012	113.6534	.9934883
#2	.1281837	.005267	1.501482	.0243370	-.001879	113.6393	.9961864
#3	.1194786	-.005346	1.492330	.0214756	-.002120	113.6386	.9973290

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0124360	.0357044	28.47834	.2016864	.1767973	.3608496	324.4613
Stddev	.0003130	.0001129	.01100	.0004429	.0004682	.0019331	.5202
%RSD	2.516965	.3160748	.0386414	.2196008	.2648472	.5356952	.1603145

#1	.0125933	.0357462	28.48632	.2019828	.1773378	.3621033	324.9342
#2	.0126392	.0355767	28.46579	.2011773	.1765357	.3586234	324.5456
#3	.0120755	.0357905	28.48291	.2018991	.1765182	.3618220	323.9042

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.581492	33.02011	.3220360	.0106061	1.082844	.2147324	6.691479
Stddev	.003558	.04667	.0011706	.0002274	.129817	.0064768	.085554
%RSD	.0540629	.1413471	.3634863	2.144274	11.98856	3.016204	1.278549

#1	6.580589	33.07388	.3233403	.0108136	.965213	.2151334	6.625426
#2	6.578473	32.99006	.3216908	.0106418	1.222125	.2209993	6.660888
#3	6.585415	32.99638	.3210768	.0103629	1.061192	.2080644	6.788123

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.55817	5.180844	.0098512	.0024901	1.784874	10.50338	.0806515
Stddev	.06380	.004827	.0041507	.0008013	.002488	.07756	.0009363
%RSD	.4705869	.0931647	42.13373	32.17954	.1393748	.7384603	1.160981

#1	13.63113	5.186244	.0081111	.0018649	1.785853	10.56796	.0808823
#2	13.51284	5.179338	.0068538	.0033934	1.786724	10.52484	.0814508
#3	13.53054	5.176950	.0145887	.0022120	1.782046	10.41735	.0796213

Sample Name: M4206-13 Acquired: 10/20/2021 17:06:57 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C0B46 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3027038	.1550874	-.169218
Stddev	.0001730	.0016707	.000273
%RSD	.0571410	1.077274	.1612159

#1	.3025050	.1552073	-.169248
#2	.3028195	.1566950	-.169475
#3	.3027870	.1533600	-.168932

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1532.789	31864.51	6414.328	872.7119	1752.152
Stddev	1.538	93.51	25.513	7.8892	3.347
%RSD	.1003248	.2934583	.3977526	.9039859	.1909981

#1	1533.223	31876.53	6389.059	877.6120	1753.929
#2	1534.064	31951.42	6413.847	876.9126	1754.236
#3	1531.082	31765.57	6440.079	863.6112	1748.292

Sample Name: M4206-14 Acquired: 10/20/2021 17:11:00 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C0AZ5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1766952	.0007829	1.770606	.0375347	.0046435	118.5967
Stddev	.0056751	.0018033	.009624	.0053763	.0018633	2.7616
%RSD	3.211811	230.3351	.5435481	14.32355	40.12701	2.328569

#1	.1831903	.0025884	1.781349	.0437324	.0060778	121.3131
#2	.1742008	-.001018	1.762773	.0341256	.0053151	115.7920
#3	.1726945	.000778	1.767694	.0347463	.0025375	118.6851

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.534838	.0217256	.0382307	35.16710	.1592311	.1318281
Stddev	.036372	.0003447	.0002511	.77819	.0005056	.0013641
%RSD	2.369748	1.586464	.6568038	2.212837	.3175365	1.034728

#1	1.571038	.0219449	.0379599	35.91690	.1588002	.1331374
#2	1.498297	.0213283	.0384558	34.36333	.1597878	.1304152
#3	1.535177	.0219036	.0382765	35.22107	.1591055	.1319317

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4913622	533.0337	4.356357	14.01734	.2026049	.0184872
Stddev	.0116681	11.3178	.099379	.28440	.0013309	.0009929
%RSD	2.374649	2.123283	2.281252	2.028895	.6568967	5.370596

#1	.5020794	544.4939	4.455476	14.27795	.2038831	.0193719
#2	.4789325	521.8639	4.256719	13.71399	.2012269	.0174134
#3	.4930746	532.7432	4.356876	14.06008	.2027047	.0186764

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.891433	.2352465	5.245157	5.835696	F 12.42524	.0248575
Stddev	.417795	.0027793	.024539	.139946	.02315	.0085561
%RSD	22.08880	1.181455	.4678316	2.398108	.1862883	34.42057

#1	2.128474	.2384122	5.243236	5.982496	12.45176	.0324267
#2	1.409029	.2341203	5.270599	5.703796	12.40911	.0265718
#3	2.136797	.2332070	5.221635	5.820795	12.41485	.0155741

Sample Name: M4206-14 Acquired: 10/20/2021 17:11:00 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C0AZ5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0151385	7.084772	10.34565	.3652496	1.013852	.0816690
Stddev	.0010354	.063012	.19399	.0030221	.022262	.0020980
%RSD	6.839235	.8893970	1.875047	.8273975	2.195761	2.568872

#1	.0156044	7.144937	10.50753	.3675976	1.035999	.0834179
#2	.0158590	7.019255	10.13063	.3663113	.991477	.0793428
#3	.0139521	7.090123	10.39880	.3618400	1.014082	.0822463

Elem	Sr4077
Units	ppm
Avg	-.200125
Stddev	.003348
%RSD	1.672729

#1	-.203059
#2	-.196479
#3	-.200837

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1534.794	32093.59	6368.837	877.1582	1741.523
Stddev	1.821	97.42	122.819	5.0772	6.719
%RSD	.1186365	.3035578	1.928430	.5788273	.3858150

#1	1532.871	31984.24	6274.276	883.0192	1733.992
#2	1535.018	32171.14	6507.650	874.1071	1746.903
#3	1536.492	32125.39	6324.587	874.3482	1743.674

Sample Name: CCV062 Acquired: 10/20/2021 17:19:09 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV062 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.978187	4.987498	24.81178	5.040065	4.995462	428.5569	10.18040
Stddev	.028824	.019596	.03468	.024082	.008461	1.2053	.02605
%RSD	.5790033	.3928949	.1397830	.4778109	.1693797	.2812426	.2558888

#1	4.945056	5.008314	24.82133	5.027379	4.989323	428.9480	10.21022
#2	4.992005	4.969408	24.77332	5.024979	4.991950	427.2047	10.16208
#3	4.997501	4.984772	24.84068	5.067838	5.005114	429.5181	10.16890

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5437519	2.451667	399.8221	15.29428	2.484802	15.58890	437.7163
Stddev	.0021129	.004321	.2349	.00789	.005280	.01959	1.5834
%RSD	.3885841	.1762607	.0587562	.0515694	.2125105	.1256574	.3617500

#1	.5436759	2.449842	400.0727	15.28575	2.483117	15.60322	437.3682
#2	.5416779	2.448558	399.6068	15.29578	2.480569	15.56658	436.3360
#3	.5459017	2.456602	399.7869	15.30130	2.490719	15.59691	439.4449

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.67274	434.3742	2.450978	1.236931	426.5200	2.646483	15.09578
Stddev	.02839	1.4254	.008273	.003373	1.1663	.014013	.11411
%RSD	.1934723	.3281416	.3375285	.2726811	.2734372	.5294827	.7559092

#1	14.70384	434.2941	2.445220	1.234345	426.9423	2.649612	15.10680
#2	14.66615	432.9906	2.447256	1.240746	425.2014	2.631170	15.20398
#3	14.64822	435.8379	2.460458	1.235702	427.4162	2.658666	14.97656

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	159.7091	5.252127	5.393032	5.031490	5.168626	5.354260	5.067308
Stddev	.2369	.015232	.026939	.008074	.007289	.021604	.008921
%RSD	.1483291	.2900181	.4995148	.1604655	.1410244	.4034844	.1760542

#1	159.8560	5.251928	5.398045	5.027078	5.174847	5.356683	5.068359
#2	159.4359	5.236995	5.363938	5.026584	5.160606	5.331547	5.057908
#3	159.8356	5.267457	5.417112	5.040809	5.170426	5.374550	5.075657

Sample Name: CCV062 Acquired: 10/20/2021 17:19:09 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV062 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.290590	5.241404	4.942802
Stddev	.024427	.015118	.035801
%RSD	.4617054	.2884319	.7243074

#1	5.300147	5.250579	4.981208
#2	5.262830	5.223955	4.910353
#3	5.308794	5.249679	4.936845

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1165.546	25710.92	5306.558	656.6705	1435.194
Stddev	1.772	97.16	12.085	6.7838	2.212
%RSD	.1520537	.3779105	.2277315	1.033055	.1541004

#1	1165.743	25703.14	5292.773	654.4498	1434.833
#2	1167.211	25617.88	5315.328	651.2754	1437.564
#3	1163.683	25811.74	5311.572	664.2863	1433.185

Sample Name: CCB062 Acquired: 10/20/2021 17:23:09 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB062 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001054	.0065020	.0027115	-.002308	-.000447	.0064352	-.002301
Stddev	.008823	.0026950	.0017083	.005506	.002912	.0022480	.000752
%RSD	836.7831	41.44858	63.00431	238.5652	651.0421	34.93316	32.69122

#1	-.004593	.0093981	.0033123	-.004727	-.002973	.0069542	-.001782
#2	-.007559	.0060402	.0040383	-.006190	.002737	.0039731	-.003163
#3	.008989	.0040678	.0007839	.003993	-.001106	.0083784	-.001957

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001864	-.000025	.0085374	-.000303	.0000604	-.001759	.0040261
Stddev	.0000408	.000111	.0102288	.000137	.0001527	.000982	.0052799
%RSD	21.87825	449.9972	119.8117	45.13038	252.6567	55.83689	131.1403

#1	.0001498	-.000151	-.001181	-.000164	.0002243	-.001791	.0016723
#2	.0001789	.000020	.007583	-.000437	.0000348	-.000762	.0100735
#3	.0002304	.000057	.019210	-.000307	-.000078	-.002726	.0003325

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000025	.0133668	.0003367	.0005368	-.312668	-.002227	-.000484
Stddev	.000363	.0167603	.0003304	.0002482	.152374	.000885	.000572
%RSD	1434.295	125.3876	98.12926	46.25102	48.73347	39.74163	118.1025

#1	.000391	.0072243	.0002316	.0003125	-.439138	-.001863	.000074
#2	-.000276	.0323318	.0000716	.0004943	-.355367	-.001583	-.000457
#3	-.000191	.0005443	.0007069	.0008035	-.143500	-.003237	-.001069

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.113007	-.003861	.0020710	.0001393	-.004622	-.001072	-.002359
Stddev	.053325	.003964	.0010414	.0004650	.003558	.000249	.002083
%RSD	47.18678	102.6487	50.28647	333.7358	76.97698	23.24978	88.31873

#1	-.139762	-.001901	.0030897	-.000385	-.008728	-.000917	-.003943
#2	-.147658	-.008423	.0010082	.000300	-.002468	-.000939	-.003134
#3	-.051603	-.001260	.0021152	.000502	-.002669	-.001359	.000001

Sample Name: CCB062 Acquired: 10/20/2021 17:23:09 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB062 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0014903	.0022405	.0000291
Stddev	.0009303	.0008523	.0000133
%RSD	62.42824	38.03966	45.83607

#1	.0022821	.0026867	.0000424
#2	.0017231	.0012577	.0000157
#3	.0004656	.0027770	.0000292

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1345.193	27905.55	5457.331	774.4893	1786.669
Stddev	2.419	104.33	16.560	1.3155	1.717
%RSD	.1798555	.3738659	.3034471	.1698503	.0961039

#1	1347.570	27861.39	5442.688	773.1346	1784.733
#2	1345.275	28024.70	5454.004	775.7617	1787.270
#3	1342.733	27830.56	5475.302	774.5717	1788.006

Sample Name: PB139949BS Acquired: 10/20/2021 17:27:20 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS949 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0231653	.0522755	.0214447	.0737664	.1178602	.4311713
Stddev	.0039729	.0024619	.0018776	.0016641	.0036000	.0048242
%RSD	17.15030	4.709548	8.755597	2.255914	3.054443	1.118854

#1	.0276498	.0494671	.0231498	.0722126	.1139313	.4285238
#2	.0200861	.0532982	.0194325	.0735642	.1186490	.4367395
#3	.0217599	.0540613	.0217519	.0755224	.1210004	.4282504

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3750682	.0117958	.0099765	9.967360	.0206959	.0947759
Stddev	.0017745	.0000565	.0000539	.063583	.0004228	.0007504
%RSD	.4731027	.4787381	.5406015	.6379152	2.043060	.7917137

#1	.3770509	.0118512	.0099325	10.04072	.0203592	.0940105
#2	.3745243	.0117383	.0100367	9.93328	.0205581	.0948070
#3	.3736293	.0117979	.0099604	9.92808	.0211705	.0955102

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0503992	.2206134	.0315108	10.74503	.0770454	.0186677
Stddev	.0024530	.0134939	.0004400	.06866	.0009549	.0003045
%RSD	4.867103	6.116560	1.396403	.6390182	1.239435	1.631079

#1	.0526243	.2273971	.0317212	10.67791	.0775217	.0183337
#2	.0477688	.2050736	.0310051	10.81514	.0759460	.0187397
#3	.0508045	.2293695	.0318061	10.74204	.0776684	.0189297

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.841502	.1091469	.1120921	9.862996	F .0128191	F .2157214
Stddev	.415555	.0022003	.0035300	.034732	.0040068	.0014088
%RSD	4.222480	2.015912	3.149244	.3521417	31.25622	.6530892

#1	10.31774	.1067704	.1152823	9.885813	.0085096	.2146177
#2	9.65426	.1111133	.1082997	9.823025	.0164317	.2152382
#3	9.55251	.1095569	.1126942	9.880151	.0135159	.2173083

Sample Name: PB139949BS Acquired: 10/20/2021 17:27:20 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS949 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0207877	.1705493	.2163363	F .0088690	.2171726	.0314398
Stddev	.0008880	.0084449	.0015364	.0020546	.0019571	.0003226
%RSD	4.271680	4.951596	.7102055	23.16647	.9011783	1.026054

#1	.0212853	.1654406	.2148480	.0065191	.2178576	.0314814
#2	.0213153	.1659105	.2162441	.0103268	.2186952	.0310984
#3	.0197625	.1802969	.2179167	.0097611	.2149651	.0317395

Elem	Sr4077
Units	ppm
Avg	.2183564
Stddev	.0014052
%RSD	.6435325

#1	.2198789
#2	.2180809
#3	.2171093

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1349.147	27928.80	5456.200	770.8426	1803.851
Stddev	3.309	153.98	30.702	2.9031	1.015
%RSD	.2452316	.5513310	.5627045	.3766180	.0562643

#1	1347.115	27751.33	5437.989	767.5533	1802.900
#2	1347.362	28008.19	5438.964	771.9276	1804.919
#3	1352.965	28026.88	5491.648	773.0471	1803.734

Sample Name: M4206-15 Acquired: 10/20/2021 17:31:28 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C0AZ9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1685460	-.001104	1.794307	.0187753	.0026004	83.35415	1.204651
Stddev	.0051693	.001636	.004544	.0059640	.0007829	.34584	.002450
%RSD	3.066980	148.1754	.2532598	31.76490	30.10662	.4149013	.2033509

#1	.1737511	.000153	1.789442	.0230390	.0032829	83.62895	1.204102
#2	.1634133	-.000511	1.795035	.0213269	.0027726	82.96581	1.207328
#3	.1684735	-.002955	1.798443	.0119601	.0017458	83.46767	1.202522

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071170	.0094789	6.230509	.1691166	.0871877	.3968414	161.4321
Stddev	.0002300	.0003449	.016748	.0005779	.0004538	.0030747	1.7074
%RSD	3.231393	3.638199	.2688031	.3417184	.5204842	.7747858	1.057633

#1	.0070309	.0094771	6.211929	.1693213	.0876472	.3999841	162.7780
#2	.0069426	.0098246	6.244444	.1695643	.0871761	.3938397	159.5115
#3	.0073776	.0091349	6.235152	.1684642	.0867398	.3967003	162.0067

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.291544	5.735221	.0594303	.0061639	.1913707	.2034630	1.417808
Stddev	.013698	.016024	.0007207	.0003901	.2782818	.0015375	.006348
%RSD	.4161613	.2793990	1.212624	6.328293	145.4151	.7556868	.4477427

#1	3.291599	5.753409	.0601837	.0060168	.5001710	.2038698	1.424344
#2	3.305215	5.723182	.0593595	.0058688	.1139288	.2047561	1.411667
#3	3.277819	5.729073	.0587476	.0066061	-.039988	.2017629	1.417412

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.713022	8.151370	.0172478	.0085100	2.239862	12.53835	.1043693
Stddev	.056460	.052948	.0034945	.0006399	.017088	.04144	.0027708
%RSD	2.081056	.6495655	20.26084	7.519764	.7628877	.3304904	2.654767

#1	2.734928	8.184542	.0212245	.0092456	2.259012	12.54762	.1025914
#2	2.755246	8.179262	.0146666	.0080812	2.234403	12.49306	.1029548
#3	2.648892	8.090306	.0158524	.0082033	2.226170	12.57436	.1075618

Sample Name: M4206-15 Acquired: 10/20/2021 17:31:28 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C0AZ9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6397678	.0483832	-.103051
Stddev	.0037987	.0013862	.001820
%RSD	.5937647	2.865071	1.765725

#1	.6416498	.0496694	-.104551
#2	.6353955	.0485653	-.101027
#3	.6422581	.0469150	-.103575

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1463.557	30498.42	6044.379	840.9427	1804.131
Stddev	.495	107.00	18.112	4.4813	1.343
%RSD	.0338491	.3508518	.2996475	.5328889	.0744270

#1	1463.833	30380.83	6023.756	835.7738	1805.535
#2	1463.853	30590.07	6051.680	843.7359	1802.860
#3	1462.985	30524.34	6057.701	843.3185	1803.998

Sample Name: M4206-16 Acquired: 10/20/2021 17:35:31 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C0B04 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1671406	.0048354	1.587575	.0347601	.0026888	83.22395	1.454825
Stddev	.0112325	.0019956	.008413	.0026760	.0035176	.38009	.002979
%RSD	6.720374	41.27002	.5299017	7.698437	130.8254	.4567043	.2047734

#1	.1742383	.0026805	1.593506	.0358897	.0006703	83.50712	1.458263
#2	.1541904	.0066197	1.577947	.0366860	.0006456	82.79197	1.453007
#3	.1729931	.0052059	1.591272	.0317045	.0067506	83.37276	1.453205

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0099671	.0128945	64.37101	.1378613	.0909687	.3374379	277.7465
Stddev	.0001032	.0001950	.12479	.0013922	.0006292	.0036912	1.6980
%RSD	1.035700	1.512176	.1938604	1.009819	.6916179	1.093882	.6113322

#1	.0099244	.0129098	64.50178	.1393155	.0915938	.3414259	278.2115
#2	.0100849	.0126923	64.25321	.1377276	.0903356	.3341414	275.8644
#3	.0098922	.0130814	64.35805	.1365409	.0909768	.3367465	279.1634

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.128214	9.403073	.1080481	.0114646	1.007179	.2103686	4.728863
Stddev	.008546	.025471	.0003487	.0002618	.248072	.0038073	.009953
%RSD	.2731761	.2708776	.3227478	2.283265	24.63036	1.809844	.2104752

#1	3.120179	9.421065	.1084239	.0116975	1.038748	.2096741	4.740307
#2	3.127273	9.373928	.1079855	.0111813	.744834	.2069564	4.724059
#3	3.137192	9.414226	.1077350	.0115150	1.237955	.2144755	4.722223

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.958710	6.368701	.0100938	.0129710	3.313942	10.67745	.0742284
Stddev	.148144	.023487	.0028420	.0007508	.024801	.03429	.0022802
%RSD	2.486184	.3687852	28.15610	5.788413	.7483969	.3211528	3.071834

#1	6.005428	6.388431	.0104692	.0121144	3.336677	10.69517	.0737677
#2	5.792839	6.374952	.0070828	.0135152	3.317657	10.63792	.0767037
#3	6.077864	6.342722	.0127295	.0132833	3.287493	10.69924	.0722137

Sample Name: M4206-16 Acquired: 10/20/2021 17:35:31 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C0B04 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3564429	.0661579	.1034917
Stddev	.0042687	.0011082	.0007200
%RSD	1.197589	1.675095	.6956756

#1	.3600524	.0654275	.1038970
#2	.3517312	.0674331	.1039176
#3	.3575453	.0656132	.1026604

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1456.965	30432.36	6030.528	836.1620	1772.370
Stddev	2.713	101.87	28.219	3.0208	2.878
%RSD	.1862059	.3347330	.4679311	.3612741	.1623579

#1	1458.487	30508.31	6037.178	835.3529	1775.688
#2	1453.832	30472.16	6054.827	839.5050	1770.862
#3	1458.574	30316.60	5999.578	833.6281	1770.561

Sample Name: M4206-17 Acquired: 10/20/2021 17:39:35 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C0B12 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3964997	-.001305	5.496435	.0138030	-.002433	76.47360	.9128279
Stddev	.0078781	.003096	.007586	.0050548	.003397	.10533	.0006904
%RSD	1.986901	237.3048	.1380143	36.62112	139.6339	.1377340	.0756307

#1	.3886996	.001685	5.493440	.0170859	.001395	76.41445	.9121233
#2	.3963461	-.001102	5.505062	.0163411	-.003604	76.41115	.9128573
#3	.4044534	-.004497	5.490804	.0079821	-.005090	76.59521	.9135031

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0074657	.0265434	14.20328	.1771599	.0724294	.3229076	223.2472
Stddev	.0001680	.0002777	.03602	.0003310	.0005821	.0011899	.8376
%RSD	2.250928	1.046367	.2536037	.1868316	.8036913	.3685041	.3751685

#1	.0072727	.0262229	14.20509	.1770288	.0730363	.3239623	223.6379
#2	.0075451	.0266934	14.23836	.1775363	.0718757	.3216176	222.2857
#3	.0075794	.0267139	14.16639	.1769145	.0723762	.3231428	223.8180

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.023780	7.739340	.0817975	.0082392	.6894088	.2031596	5.159837
Stddev	.007726	.062637	.0012693	.0003713	.3595764	.0010879	.089586
%RSD	.3817736	.8093275	1.551711	4.506032	52.15721	.5354998	1.736219

#1	2.015276	7.799138	.0830324	.0081032	.3205240	.2042551	5.226895
#2	2.030369	7.674206	.0818638	.0079551	.7088114	.2031444	5.194521
#3	2.025695	7.744675	.0804964	.0086593	1.038891	.2020794	5.058094

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.614411	4.941165	.0052511	.0069606	3.457637	9.338354	.4530540
Stddev	.027616	.025805	.0065551	.0004640	.005435	.113611	.0033420
%RSD	.5984681	.5222352	124.8336	6.666770	.1571793	1.216608	.7376587

#1	4.642903	4.959976	.0121176	.0073829	3.460714	9.227188	.4508346
#2	4.587764	4.951771	.0045760	.0070350	3.460836	9.333610	.4568976
#3	4.612565	4.911747	-.000940	.0064638	3.451362	9.454262	.4514297

Sample Name: M4206-17 Acquired: 10/20/2021 17:39:35 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: C0B12 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5333047	.0551268	-.084494
Stddev	.0005813	.0007645	.000953
%RSD	.1089923	1.386795	1.127590

#1	.5330912	.0545019	-.085441
#2	.5339626	.0559792	-.083536
#3	.5328604	.0548991	-.084506

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1469.612	30413.70	6053.568	839.9484	1807.892
Stddev	2.879	136.92	40.156	7.7738	2.483
%RSD	.1959105	.4501763	.6633493	.9255049	.1373418

#1	1468.755	30320.13	6079.608	834.8059	1805.862
#2	1472.822	30350.13	6073.774	836.1480	1807.153
#3	1467.258	30570.84	6007.322	848.8913	1810.660

Sample Name: M4206-18 Acquired: 10/20/2021 17:43:38 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C0B31 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1161883	-.001908	1.124212	.0263498	-.001131	89.33763	1.215286
Stddev	.0113301	.000749	.004754	.0013261	.000927	.05841	.006033
%RSD	9.751480	39.23683	.4229113	5.032666	81.95275	.0653800	.4963926

#1	.1289088	-.001319	1.126471	.0248263	-.000619	89.34832	1.216193
#2	.1071801	-.001655	1.127416	.0269789	-.002201	89.27462	1.208851
#3	.1124760	-.002751	1.118750	.0272443	-.000573	89.38996	1.220813

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0130862	.0219836	16.10993	.1443517	.1437266	.2971369	322.2916
Stddev	.0001023	.0000971	.06986	.0014157	.0007603	.0028420	.5708
%RSD	.7819183	.4418316	.4336411	.9807143	.5289671	.9564731	.1771029

#1	.0131377	.0219541	16.06888	.1459199	.1428493	.2980454	321.9887
#2	.0131525	.0220921	16.07031	.1439673	.1441368	.2939516	322.9500
#3	.0129683	.0219047	16.19059	.1431679	.1441936	.2994135	321.9361

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.730005	12.41594	.1631408	.0118302	.9360481	.2180795	3.360726
Stddev	.014835	.02231	.0003192	.0006302	.1139581	.0044627	.019621
%RSD	.3136353	.1796786	.1956591	5.327379	12.17438	2.046376	.5838432

#1	4.738358	12.39085	.1633000	.0112885	.8636193	.2226715	3.343532
#2	4.712877	12.43354	.1633491	.0116802	1.067405	.2178085	3.382100
#3	4.738781	12.42344	.1627733	.0125219	.877121	.2137584	3.356545

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.482830	7.929647	.0126885	.0082649	2.367485	10.21558	.0610368
Stddev	.021565	.019763	.0077681	.0004728	.005032	.05263	.0021433
%RSD	.3326489	.2492275	61.22115	5.720686	.2125619	.5152345	3.511480

#1	6.483093	7.952367	.0078878	.0083215	2.366869	10.25560	.0627363
#2	6.461135	7.916432	.0216507	.0077663	2.372798	10.15596	.0586290
#3	6.504262	7.920144	.0085271	.0087068	2.362790	10.23518	.0617449

Sample Name: M4206-18 Acquired: 10/20/2021 17:43:38 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: C0B31 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5090990	.0831650	-.129251
Stddev	.0007094	.0009761	.000741
%RSD	.1393511	1.173681	.5729880

#1	.5091642	.0840171	-.129285
#2	.5083592	.0821001	-.129973
#3	.5097736	.0833778	-.128493

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1509.090	31306.74	6198.786	861.1500	1791.987
Stddev	2.434	74.48	11.457	5.7172	3.144
%RSD	.1613161	.2379028	.1848294	.6638976	.1754400

#1	1506.435	31344.98	6195.977	864.1480	1788.487
#2	1509.619	31220.91	6188.994	854.5574	1792.902
#3	1511.217	31354.33	6211.386	864.7446	1794.571

Sample Name: M4206-19 Acquired: 10/20/2021 17:47:42 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C0B35 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0880887	-.002057	1.434194	.0200936	-.000001	99.99196	1.156458
Stddev	.0034754	.004666	.003247	.0029483	.002266	.42091	.002872
%RSD	3.945309	226.8632	.2264295	14.67260	324056.4	.4209434	.2483216

#1	.0844133	.001595	1.430761	.0211787	.000594	100.1966	1.159370
#2	.0913216	-.000451	1.434606	.0167566	-.002505	99.5079	1.156377
#3	.0885312	-.007314	1.437216	.0223455	.001909	100.2714	1.153628

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0083572	.0096331	4.295701	.1377202	.1353660	.3234912	170.8326
Stddev	.0001846	.0000556	.018748	.0009332	.0002487	.0019632	1.1363
%RSD	2.209416	.5770072	.4364468	.6775871	.1837536	.6068860	.6651407

#1	.0085703	.0095736	4.274727	.1384112	.1356393	.3256597	171.2487
#2	.0082488	.0096419	4.301543	.1380908	.1351528	.3229793	169.5469
#3	.0082523	.0096837	4.310832	.1366587	.1353060	.3218347	171.7022

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.332522	6.779748	.0739516	.0055857	.2205428	.2258912	1.393289
Stddev	.004714	.048967	.0008619	.0003343	.3358610	.0017742	.013159
%RSD	.0884046	.7222467	1.165539	5.985573	152.2884	.7854051	.9444881

#1	5.337950	6.727222	.0745180	.0059221	.0466273	.2257305	1.401544
#2	5.329453	6.787885	.0729596	.0055815	.6076966	.2242028	1.378113
#3	5.330162	6.824136	.0743772	.0052535	.0073044	.2277402	1.400210

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.121359	7.281280	.0048570	.0073185	1.294021	12.35349	.0930177
Stddev	.004473	.025250	.0021252	.0008360	.010503	.05058	.0044356
%RSD	.1432998	.3467730	43.75596	11.42374	.8116415	.4094307	4.768538

#1	3.126150	7.266209	.0053702	.0073862	1.290402	12.39251	.0926214
#2	3.117293	7.267200	.0025222	.0064506	1.305855	12.29635	.0887936
#3	3.120635	7.310429	.0066787	.0081186	1.285806	12.37162	.0976382

Sample Name: M4206-19 Acquired: 10/20/2021 17:47:42 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: C0B35 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5829364	.0609215	-.120086
Stddev	.0024856	.0008318	.000964
%RSD	.4264019	1.365300	.8026452

#1	.5829921	.0600858	-.120423
#2	.5804234	.0617493	-.118999
#3	.5853937	.0609292	-.120837

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1500.932	31216.69	6154.829	868.2398	1800.389
Stddev	5.434	66.83	17.004	1.3126	5.941
%RSD	.3620125	.2140748	.2762766	.1511815	.3299758

#1	1503.261	31181.14	6135.298	869.0050	1805.101
#2	1504.813	31175.15	6162.849	866.7241	1802.352
#3	1494.722	31293.78	6166.341	868.9903	1793.716

Sample Name: M4206-20 Acquired: 10/20/2021 17:51:45 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C0B39 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0445298	-.001537	1.127652	.0379506	-.000455	121.1415	1.063372
Stddev	.0069296	.002402	.010036	.0106229	.001383	.5038	.004771
%RSD	15.56166	156.2586	.8899718	27.99139	304.0053	.4158984	.4486211

#1	.0435296	.001063	1.138168	.0333608	-.002052	120.8256	1.064930
#2	.0381547	-.003675	1.118178	.0500967	.000336	121.7225	1.067170
#3	.0519051	-.002001	1.126609	.0303942	.000351	120.8764	1.058018

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0153966	.0167009	40.10116	.2051821	.2441658	.4709041	439.9613
Stddev	.0002350	.0000713	.06427	.0007622	.0008401	.0040807	2.5629
%RSD	1.526020	.4266688	.1602599	.3714741	.3440657	.8665755	.5825189

#1	.0152582	.0167644	40.14903	.2043611	.2451316	.4675851	437.8647
#2	.0152638	.0167144	40.12634	.2058673	.2436043	.4696668	442.8183
#3	.0156679	.0166238	40.02812	.2053177	.2437614	.4754602	439.2008

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.383477	20.40302	.2461612	.0132721	2.913100	.2937438	3.426267
Stddev	.010933	.10374	.0011138	.0007653	.146798	.0027693	.004246
%RSD	.1165128	.5084483	.4524540	5.766145	5.039222	.9427727	.1239265

#1	9.395800	20.30356	.2460882	.0123923	3.062198	.2907826	3.421401
#2	9.374942	20.51056	.2473096	.0136400	2.768716	.2962697	3.428181
#3	9.379689	20.39493	.2450857	.0137840	2.908386	.2941790	3.429220

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.454728	3.822371	.0088331	.0038406	1.460380	13.55062	.1084060
Stddev	.053981	.010047	.0038985	.0007074	.009833	.06369	.0027857
%RSD	.6384684	.2628521	44.13551	18.42022	.6733414	.4699956	2.569677

#1	8.414928	3.810889	.0121453	.0045068	1.449027	13.47988	.1069775
#2	8.516172	3.826669	.0098171	.0039170	1.465924	13.56857	.1116162
#3	8.433084	3.829554	.0045368	.0030981	1.466190	13.60340	.1066243

Sample Name: M4206-20 Acquired: 10/20/2021 17:51:45 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: C0B39 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4935665	.1117335	-.199662
Stddev	.0021009	.0008121	.002265
%RSD	.4256518	.7268360	1.134207

#1	.4918419	.1118828	-.197924
#2	.4959063	.1108571	-.202223
#3	.4929513	.1124606	-.198838

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1486.183	30863.42	6137.108	847.8426	1763.644
Stddev	2.139	47.00	10.984	2.1791	4.472
%RSD	.1439389	.1522704	.1789757	.2570120	.2535742

#1	1484.757	30906.37	6148.349	845.3293	1762.792
#2	1488.643	30813.22	6126.400	849.2028	1768.482
#3	1485.150	30870.68	6136.575	848.9957	1759.660

Sample Name: M4206-21 Acquired: 10/20/2021 17:55:49 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C0B40 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0118973	.0020736	1.215198	.0226301	.0008784	123.6592	.7444284
Stddev	.0033717	.0058823	.002483	.0066382	.0010244	.1584	.0021672
%RSD	28.33981	283.6755	.2043550	29.33332	116.6262	.1281032	.2911163

#1	.0153849	.0023386	1.216870	.0202633	.0004485	123.5063	.7421794
#2	.0086549	.0078189	1.212345	.0301273	.0020477	123.6486	.7465031
#3	.0116520	-.003937	1.216380	.0174998	.0001389	123.8226	.7446027

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0112230	.0083163	26.24765	.1969415	.1170921	.3142575	313.4134
Stddev	.0001443	.0002022	.08890	.0010853	.0006074	.0030935	1.3698
%RSD	1.286107	2.431486	.3387072	.5510510	.5187642	.9843783	.4370503

#1	.0113003	.0081109	26.16444	.1964269	.1165839	.3106875	312.8248
#2	.0110565	.0085151	26.34132	.1962094	.1177648	.3161469	312.4363
#3	.0113122	.0083229	26.23719	.1981884	.1169275	.3159381	314.9791

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.062203	24.32735	.2635407	.0108202	.8621561	.2259291	3.216094
Stddev	.010274	.05583	.0007843	.0000812	.2222093	.0026083	.029086
%RSD	.4981842	.2295049	.2976123	.7501469	25.77368	1.154458	.9043820

#1	2.066809	24.26384	.2627345	.0109127	.6200787	.2268684	3.183094
#2	2.069368	24.36871	.2635864	.0107607	.9095344	.2229813	3.238001
#3	2.050433	24.34951	.2643011	.0107873	1.056855	.2279376	3.227187

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.656748	4.923594	.0065915	.0023410	2.708303	12.08803	.0463201
Stddev	.018535	.007463	.0058039	.0011421	.017184	.06361	.0044612
%RSD	.1919429	.1515783	88.05087	48.78575	.6344840	.5262071	9.631309

#1	9.656131	4.920370	.0028229	.0021611	2.698167	12.15900	.0510820
#2	9.675584	4.918284	.0036764	.0012996	2.728143	12.03615	.0456411
#3	9.638529	4.932127	.0132751	.0035625	2.698599	12.06895	.0422374

Sample Name: M4206-21 Acquired: 10/20/2021 17:55:49 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: C0B40 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2306405	.1990403	-.148307
Stddev	.0025334	.0005669	.001477
%RSD	1.098406	.2848436	.9959980

#1	.2277272	.1985560	-.147941
#2	.2323263	.1996639	-.147048
#3	.2318680	.1989009	-.149933

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1532.856	31998.88	6302.965	883.1640	1775.116
Stddev	2.617	130.60	12.480	4.2927	1.778
%RSD	.1707240	.4081490	.1980100	.4860551	.1001714

#1	1535.876	32079.94	6288.848	885.7445	1775.598
#2	1531.408	31848.22	6307.512	878.2087	1776.603
#3	1531.283	32068.49	6312.534	885.5389	1773.146

Sample Name: M4206-22 Acquired: 10/20/2021 17:59:52 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C0B48 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0708806	-.000935	1.151087	.0109883	.0003187	79.43107	.5079669
Stddev	.0023718	.004627	.001410	.0039966	.0016203	.19365	.0022750
%RSD	3.346178	494.7218	.1224779	36.37159	508.3719	.2437996	.4478731

#1	.0681443	-.006242	1.152521	.0091820	-.001121	79.63518	.5086534
#2	.0721489	.002257	1.149702	.0155692	.002073	79.40812	.5098196
#3	.0723486	.001179	1.151037	.0082137	.000004	79.24992	.5054277

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0055491	.0111567	7.268722	.1142198	.0537325	.1782258	148.5188
Stddev	.0001710	.0001297	.014157	.0002781	.0003157	.0009909	.3399
%RSD	3.082009	1.162800	.1947703	.2434730	.5875047	.5559565	.2288622

#1	.0053897	.0110475	7.253738	.1141191	.0540764	.1793043	148.7659
#2	.0057298	.0113001	7.281875	.1145342	.0536652	.1780172	148.1312
#3	.0055278	.0111224	7.270552	.1140061	.0534559	.1773558	148.6594

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.048847	7.999329	.0793766	.0050780	.0515432	.1900901	2.724985
Stddev	.004502	.067618	.0003945	.0004116	.1821900	.0040712	.018605
%RSD	.4292549	.8452918	.4970149	8.105406	353.4703	2.141698	.6827533

#1	1.049320	8.048906	.0789214	.0052633	.1736817	.1947880	2.746460
#2	1.053095	7.922303	.0795893	.0046064	.1388143	.1875958	2.713739
#3	1.044128	8.026777	.0796191	.0053644	-.157866	.1878864	2.714755

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.455408	1.688051	.0029964	.0050401	.8821832	10.98739	.0818397
Stddev	.029327	.003083	.0033196	.0000515	.0051432	.02896	.0027316
%RSD	.6582341	.1826397	110.7877	1.022422	.5830082	.2635538	3.337766

#1	4.421554	1.685320	.0041625	.0049822	.8881033	10.95397	.0789306
#2	4.471608	1.691394	-.000749	.0050809	.8788150	11.00503	.0843500
#3	4.473061	1.687437	.005576	.0050573	.8796313	11.00317	.0822386

Sample Name: M4206-22 Acquired: 10/20/2021 17:59:52 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: C0B48 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4799173	.0529094	-.054015
Stddev	.0025445	.0007615	.000311
%RSD	.5301962	1.439261	.5764405

#1	.4821986	.0533369	-.054144
#2	.4803802	.0520302	-.053660
#3	.4771731	.0533610	-.054241

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1477.381	30575.73	6021.368	850.4674	1821.792
Stddev	1.984	67.56	10.505	2.8225	2.252
%RSD	.1342853	.2209554	.1744630	.3318743	.1236206

#1	1477.274	30522.16	6031.410	847.5130	1820.421
#2	1475.453	30553.40	6010.454	850.7530	1820.564
#3	1479.416	30651.62	6022.239	853.1363	1824.391

Sample Name: M4139-18DLX2 Acquired: 10/20/2021 18:03:56 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: JDHB5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005729	-.001415	.0050226	.0090240	-.003177	.3242400
Stddev	.004334	.002044	.0019372	.0047392	.002472	.0072168
%RSD	75.66127	144.4780	38.56924	52.51732	77.79542	2.225763

#1	-.006646	-.003676	.0060701	.0071623	-.006027	.3250518
#2	-.009531	-.000872	.0062104	.0054984	-.001890	.3166517
#3	-.001009	.000303	.0027872	.0144113	-.001615	.3310166

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0027009	-.001312	.1674063	107.0321	.0046615	.0068605
Stddev	.0007286	.000016	.0004562	.1320	.0004329	.0002213
%RSD	26.97499	1.214940	.2724977	.1233613	9.286692	3.226171

#1	.0022817	-.001306	.1675536	107.0559	.0051211	.0070370
#2	.0022788	-.001330	.1668947	106.8898	.0042614	.0069322
#3	.0035422	-.001300	.1677706	107.1506	.0046019	.0066122

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012206	-.024945	26.32910	32.93124	.1151559	-.002976
Stddev	.0018951	.013660	.05876	.40278	.0004930	.000314
%RSD	155.2579	54.75899	.2231760	1.223080	.4281114	10.55937

#1	.0025140	-.009297	26.37615	33.38870	.1157232	-.002900
#2	.0021027	-.034486	26.34790	32.77519	.1148312	-.002707
#3	-.000955	-.031051	26.26324	32.62985	.1149134	-.003321

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.18974	.0026477	19.70934	5.705087	.0069552	.0061247
Stddev	.20883	.0027083	.17566	.036855	.0037361	.0016236
%RSD	1.034359	102.2891	.8912644	.6460095	53.71620	26.50974

#1	20.38021	.0000323	19.88963	5.687413	.0103236	.0042553
#2	20.22258	.0054402	19.53870	5.747451	.0029368	.0069360
#3	19.96643	.0024706	19.69969	5.680398	.0076052	.0071828

Sample Name: M4139-18DLX2 Acquired: 10/20/2021 18:03:56 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: JDHB5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000782	F 154.4677	8.019387	-.005875	-.002179	.0093362
Stddev	.000216	.3875	.048878	.003599	.000830	.0007421
%RSD	27.60606	.2508716	.6094972	61.25563	38.07749	7.948133
#1	-.000769	154.0351	8.055017	-.004806	-.001317	.0094912
#2	-.000573	154.5852	8.039479	-.009888	-.002972	.0085289
#3	-.001004	154.7829	7.963665	-.002932	-.002247	.0099885

Elem	Sr4077
Units	ppm
Avg	.2165739
Stddev	.0012646
%RSD	.5839195
#1	.2179899
#2	.2155567
#3	.2161752

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1350.116	28209.66	5592.433	776.9777	1784.517
Stddev	2.590	53.53	34.038	4.4721	5.424
%RSD	.1918388	.1897495	.6086452	.5755805	.3039607
#1	1351.823	28187.09	5564.150	772.9462	1788.145
#2	1351.389	28270.78	5582.938	781.7881	1787.125
#3	1347.135	28171.12	5630.210	776.1988	1778.282

Sample Name: PB139948BL Acquired: 10/20/2021 18:07:58 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBS948 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005007	.0066356	-.001188	-.002092	-.001510	.0080687
Stddev	.003600	.0028436	.000355	.003365	.002329	.0020751
%RSD	71.89920	42.85392	29.91305	160.8512	154.2229	25.71795

#1	-.007600	.0089758	-.000779	-.000873	-.000174	.0071338
#2	-.000897	.0074602	-.001364	.000494	-.000157	.0066254
#3	-.006524	.0034708	-.001421	-.005896	-.004199	.0104467

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002155	.0000416	.0001104	.0015299	-.000423	-.000037
Stddev	.000362	.0000726	.0001260	.0020237	.000278	.000263
%RSD	16.80007	174.7499	114.1738	132.2775	65.68611	720.9579

#1	-.002048	.0001146	.0002482	-.000599	-.000466	-.000124
#2	-.002558	-.000031	.0000820	.001759	-.000126	.000259
#3	-.001859	.000041	.0000010	.003429	-.000677	-.000245

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000087	-.010367	.0000473	-.002305	.0003644	.0008817
Stddev	.0002243	.006941	.0002357	.039693	.0001253	.0002517
%RSD	2573.497	66.95477	497.7817	1722.376	34.39335	28.54658

#1	.0001215	-.012579	-.000130	.016596	.0002234	.0005921
#2	-.000250	-.015932	-.000043	.024406	.0004067	.0010053
#3	.000154	-.002589	.000315	-.047915	.0004631	.0010477

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.489903	-.002832	-.002127	-.133765	-.002019	F -.010280
Stddev	.112345	.000910	.000775	.036013	.001745	.000906
%RSD	22.93211	32.13004	36.41704	26.92284	86.43767	8.817685

#1	-.522538	-.002703	-.002288	-.165869	-.000033	-.009980
#2	-.364854	-.003799	-.002809	-.140603	-.002717	-.009561
#3	-.582318	-.001993	-.001285	-.094823	-.003308	-.011298

Sample Name: PB139948BL Acquired: 10/20/2021 18:07:58 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS948 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000386	-.009024	-.001159	-.003327	.0006868	-.000322
Stddev	.000035	.010613	.000753	.000760	.0003367	.000478
%RSD	9.062171	117.6019	64.97487	22.83466	49.01779	148.5351

#1	-.000347	-.010060	-.001190	-.002469	.0004194	-.000871
#2	-.000414	-.019080	-.000391	-.003913	.0010649	-.000008
#3	-.000397	.002068	-.001896	-.003599	.0005762	-.000086

Elem	Sr4077
Units	ppm
Avg	-.000072
Stddev	.000087
%RSD	119.9915

#1	.000016
#2	-.000075
#3	-.000157

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1349.729	27957.32	5473.674	776.6142	1793.083
Stddev	2.695	85.29	43.817	4.0042	2.294
%RSD	.1996918	.3050814	.8005008	.5155988	.1279298

#1	1352.777	27953.17	5503.789	772.7569	1792.738
#2	1347.659	27874.19	5493.826	776.3351	1795.530
#3	1348.752	28044.62	5423.407	780.7507	1790.981

Sample Name: PB139948BS Acquired: 10/20/2021 18:28:22 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS948 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0228924	.0553467	.0199842	.0758092	.1249158	.4462473
Stddev	.0051473	.0005721	.0029487	.0024718	.0005484	.0024391
%RSD	22.48478	1.033604	14.75495	3.260542	.4390428	.5465854

#1	.0278499	.0547760	.0196834	.0738236	.1249573	.4434478
#2	.0232531	.0553440	.0230718	.0750265	.1243478	.4479143
#3	.0175742	.0559201	.0171975	.0785776	.1254423	.4473799

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3954167	.0125116	.0105275	10.53658	.0226518	.1002338
Stddev	.0010376	.0000785	.0000587	.03416	.0009587	.0002832
%RSD	.2624173	.6273914	.5571432	.3242122	4.232486	.2824987

#1	.3947340	.0124415	.0105286	10.56808	.0217979	.1002165
#2	.3949054	.0125964	.0104683	10.50027	.0224686	.1005253
#3	.3966108	.0124968	.0105856	10.54138	.0236889	.0999598

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0558862	.2496449	.0326760	11.31119	.0819336	.0202765
Stddev	.0013650	.0069805	.0002920	.08994	.0003613	.0003290
%RSD	2.442539	2.796165	.8935684	.7951245	.4410038	1.622319

#1	.0548850	.2519865	.0328342	11.23304	.0820024	.0201219
#2	.0574411	.2551534	.0323391	11.40949	.0815427	.0200534
#3	.0553325	.2417946	.0328548	11.29103	.0822555	.0206543

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.45851	.1157887	.1252505	10.47477	.0168694	F .2220714
Stddev	.12103	.0033860	.0060390	.04525	.0016978	.0016842
%RSD	1.157234	2.924288	4.821523	.4320111	10.06421	.7584064

#1	10.41744	.1152702	.1272324	10.46784	.0162013	.2202317
#2	10.59472	.1194041	.1300495	10.43339	.0156073	.2235374
#3	10.36335	.1126919	.1184697	10.52310	.0187996	.2224450

Sample Name: PB139948BS Acquired: 10/20/2021 18:28:22 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: LCS948 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0217055	.1755754	.2270217	.0109723	.2302073	.0321837
Stddev	.0002371	.0058534	.0022274	.0016408	.0018461	.0006805
%RSD	1.092250	3.333846	.9811439	14.95401	.8019123	2.114356

#1	.0219787	.1819021	.2277632	.0117934	.2312789	.0321823
#2	.0215538	.1744717	.2287838	.0120404	.2312674	.0315040
#3	.0215840	.1703524	.2245181	.0090830	.2280757	.0328649

Elem	Sr4077
Units	ppm
Avg	.2289200
Stddev	.0006287
%RSD	.2746206

#1	.2289535
#2	.2282752
#3	.2295312

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1349.745	27956.79	5475.116	769.9217	1806.103
Stddev	.751	94.07	19.626	1.8413	3.697
%RSD	.0556312	.3364967	.3584569	.2391586	.2046849

#1	1349.233	27848.17	5478.209	768.1162	1803.395
#2	1349.393	28011.07	5454.128	771.7968	1804.598
#3	1350.607	28011.14	5493.012	769.8522	1810.315

Sample Name: M4197-02 Acquired: 10/20/2021 18:32:30 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: JDGA1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0158507	-.006317	.0992479	.0079090	-.002487	72.82596	.8601946
Stddev	.0057636	.002282	.0033488	.0026084	.002029	.32117	.0021040
%RSD	36.36194	36.12622	3.374217	32.98062	81.57436	.4410084	.2445916

#1	.0101456	-.004042	.0995772	.0070072	-.004369	72.73235	.8587311
#2	.0216711	-.008606	.0957466	.0058711	-.000337	72.56201	.8592470
#3	.0157354	-.006301	.1024200	.0108487	-.002756	73.18354	.8626058

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0073973	.0047392	27.24900	.1313331	.0468075	.0775623	177.7449
Stddev	.0001456	.0001573	.06687	.0008959	.0003881	.0018563	1.2914
%RSD	1.968451	3.318287	.2454114	.6821755	.8292113	2.393256	.7265213

#1	.0075393	.0047048	27.18901	.1323628	.0469294	.0788389	177.9785
#2	.0074043	.0049108	27.32110	.1307313	.0463731	.0754329	176.3528
#3	.0072483	.0046020	27.23690	.1309053	.0471201	.0784152	178.9036

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.852518	37.78619	.0381349	.0057431	.9309949	.2990026	.5844035
Stddev	.007667	.25545	.0001981	.0005036	.2024113	.0033693	.0025224
%RSD	.2687937	.6760435	.5196018	8.768931	21.74140	1.126848	.4316179

#1	2.846212	37.74739	.0381764	.0063130	.6972844	.3002030	.5817513
#2	2.850289	37.55236	.0383089	.0053580	1.045630	.2951974	.5867722
#3	2.861053	38.05882	.0379192	.0055583	1.050070	.3016073	.5846870

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.69778	5.935931	-.009933	.0009327	.0521544	12.46613	.0002609
Stddev	.05867	.011013	.001415	.0009371	.0123010	.13241	.0033454
%RSD	.3737699	.1855345	14.24485	100.4775	23.58582	1.062141	1282.412

#1	15.63871	5.927541	-.011467	.0018614	.0386680	12.60794	.0039526
#2	15.75605	5.931849	-.009655	-.000013	.0627581	12.34574	-.000600
#3	15.69859	5.948402	-.008678	.000949	.0550369	12.44470	-.002570

Sample Name: M4197-02 Acquired: 10/20/2021 18:32:30 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: JDGA1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.919890	.1141290	.0877648
Stddev	.028518	.0011236	.0008235
%RSD	.5796476	.9845125	.9382762

#1	4.907483	.1134580	.0882969
#2	4.899677	.1135029	.0881812
#3	4.952510	.1154262	.0868163

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1482.451	30801.30	6022.439	852.5441	1794.701
Stddev	.857	71.55	46.351	1.8975	3.960
%RSD	.0578245	.2323028	.7696331	.2225686	.2206668

#1	1481.472	30789.81	5978.493	850.3534	1791.585
#2	1483.065	30877.91	6070.868	853.6702	1799.157
#3	1482.817	30736.20	6017.957	853.6088	1793.360

Sample Name: M4197-03 Acquired: 10/20/2021 18:36:33 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: JDGA2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005477	-.028903	.7352888	.0182752	-.004096	133.6369	1.328812
Stddev	.007558	.004949	.0034738	.0059147	.000468	.5699	.000462
%RSD	137.9999	17.12299	.4724436	32.36483	11.43168	.4264434	.0347540

#1	-.011420	-.026658	.7352184	.0229977	-.003670	133.5305	1.329291
#2	.003029	-.034577	.7387974	.0201868	-.004598	133.1278	1.328369
#3	-.008040	-.025474	.7318508	.0116411	-.004020	134.2525	1.328777

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0111299	.0059832	48.04816	.1762711	.0938451	.1009023	305.0107
Stddev	.0001363	.0003692	.09324	.0002037	.0003538	.0010497	1.5968
%RSD	1.224474	6.170317	.1940605	.1155728	.3770513	1.040340	.5235103

#1	.0110188	.0056283	48.14647	.1760516	.0937959	.1009619	304.9151
#2	.0112820	.0059562	47.96099	.1764542	.0942210	.0998241	303.4639
#3	.0110890	.0063652	48.03703	.1763074	.0935185	.1019210	306.6531

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.235982	73.13515	.0378065	.0103501	1.991658	.5554504	.6668844
Stddev	.017251	.38960	.0002518	.0001802	.262337	.0010740	.0015553
%RSD	.3294751	.5327062	.6659589	1.741412	13.17181	.1933637	.2332234

#1	5.232754	73.03585	.0380414	.0101587	1.699281	.5542219	.6670130
#2	5.220572	72.80480	.0375407	.0105166	2.069231	.5559173	.6652687
#3	5.254619	73.56478	.0378374	.0103750	2.206461	.5562120	.6683714

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	34.07270	8.184333	-.013746	.0044192	.0982940	17.10814	-.029875
Stddev	.16864	.037464	.000134	.0010855	.0030727	.10325	.004613
%RSD	.4949438	.4577505	.9765418	24.56219	3.126008	.6035268	15.44161

#1	33.99649	8.178678	-.013897	.0033859	.0979670	17.11856	-.026100
#2	33.95563	8.150018	-.013699	.0055502	.0953979	17.00008	-.028508
#3	34.26600	8.224303	-.013641	.0043214	.1015171	17.20579	-.035018

Sample Name: M4197-03 Acquired: 10/20/2021 18:36:33 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: JDGA2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	14.27891	.3048835	.0286628
Stddev	.05481	.0015474	.0007588
%RSD	.3838553	.5075342	2.647400

#1	14.28024	.3042757	.0294551
#2	14.22345	.3037324	.0279426
#3	14.33305	.3066425	.0285907

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1549.463	32296.71	6347.730	887.0388	1731.718
Stddev	3.166	71.23	46.670	2.6040	4.822
%RSD	.2043181	.2205399	.7352180	.2935664	.2784658

#1	1549.889	32367.44	6349.417	888.4687	1734.349
#2	1552.394	32297.69	6393.533	888.6146	1734.653
#3	1546.106	32225.00	6300.239	884.0331	1726.152

Sample Name: M4197-04 Acquired: 10/20/2021 18:40:35 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: JDGA3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0238244	-.011743	.1087253	.0154721	-.002113	68.54438	1.106886
Stddev	.0033967	.005437	.0029123	.0020549	.002353	.17018	.001258
%RSD	14.25716	46.30430	2.678583	13.28124	111.3582	.2482766	.1136931

#1	.0207361	-.009549	.1070517	.0160212	-.003918	68.52841	1.106266
#2	.0274624	-.017934	.1120881	.0131985	.000548	68.72198	1.108335
#3	.0232746	-.007745	.1070361	.0171968	-.002968	68.38275	1.106059

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071275	.0043013	28.59595	.1600133	.0703973	.0793387	169.8988
Stddev	.0000519	.0001968	.03390	.0008160	.0004076	.0015499	.8529
%RSD	.7281704	4.575120	.1185530	.5099582	.5790260	1.953497	.5019846

#1	.0071538	.0041488	28.56105	.1600342	.0700725	.0810861	170.0415
#2	.0071610	.0042316	28.62875	.1591870	.0708547	.0781301	170.6713
#3	.0070677	.0045234	28.59806	.1608186	.0702647	.0788000	168.9835

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.831410	37.29511	.0504198	.0053521	1.143229	.3261217	.3970703
Stddev	.004900	.17912	.0005081	.0000817	.055372	.0014264	.0002994
%RSD	.1730690	.4802822	1.007640	1.526905	4.843456	.4373987	.0754070

#1	2.834783	37.25946	.0499162	.0054295	1.168254	.3254994	.3969325
#2	2.825789	37.48937	.0509322	.0052666	1.079762	.3277536	.3968646
#3	2.833658	37.13649	.0504111	.0053602	1.181671	.3251121	.3974138

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.96420	8.062995	-.015886	.0002105	.0959129	9.661779	-.012399
Stddev	.02301	.010972	.002225	.0002161	.0042148	.018003	.001781
%RSD	.1356172	.1360828	14.00358	102.6710	4.394356	.1863359	14.36556

#1	16.98824	8.062522	-.018301	.0004580	.1002203	9.680441	-.011758
#2	16.96197	8.052267	-.015435	.0000589	.0917973	9.660381	-.011027
#3	16.94239	8.074197	-.013921	.0001146	.0957212	9.644516	-.014412

Sample Name: M4197-04 Acquired: 10/20/2021 18:40:35 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: JDGA3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	6.459451	.1161459	.0953003
Stddev	.023362	.0006503	.0003919
%RSD	.3616640	.5599078	.4112179

#1	6.459290	.1168919	.0957483
#2	6.482892	.1156988	.0950211
#3	6.436170	.1158469	.0951315

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1721.867	35999.42	7015.084	995.0460	1778.377
Stddev	1.344	93.04	18.711	1.9050	.910
%RSD	.0780838	.2584420	.2667253	.1914531	.0511471

#1	1722.754	35952.33	6993.678	992.8482	1779.405
#2	1722.526	35939.35	7023.253	996.2257	1778.046
#3	1720.320	36106.59	7028.322	996.0641	1777.679

Sample Name: M4197-01 Acquired: 10/20/2021 18:24:19 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: JDGA0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0488410	-.012091	.1490833	.0221613	-.000761	145.8813	1.606524
Stddev	.0098996	.004898	.0029747	.0082617	.001192	.0788	.002399
%RSD	20.26898	40.51205	1.995311	37.27987	156.6198	.0540197	.1493553

#1	.0601952	-.017186	.1502271	.0162700	-.002127	145.8657	1.609105
#2	.0420182	-.007416	.1457065	.0186089	.000071	145.8114	1.606108
#3	.0443095	-.011671	.1513163	.0316051	-.000227	145.9667	1.604360

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0099018	.0042831	26.58768	.1656286	.0792058	.1429961	237.7123
Stddev	.0001613	.0001793	.05666	.0004757	.0004440	.0037860	.3086
%RSD	1.628756	4.185853	.2130946	.2872342	.5605374	2.647653	.1298184

#1	.0098144	.0041291	26.64558	.1654690	.0796323	.1387219	237.5771
#2	.0100879	.0044799	26.53235	.1652532	.0792387	.1459285	237.4945
#3	.0098031	.0042402	26.58511	.1661636	.0787462	.1443379	238.0655

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.820338	46.57468	.0973695	.0072197	2.091076	.4231861	.5612256
Stddev	.003043	.03061	.0006587	.0002874	.125206	.0034246	.0017316
%RSD	.0796506	.0657175	.6765020	3.980921	5.987610	.8092444	.3085458

#1	3.823775	46.60838	.0975551	.0074305	1.951753	.4205485	.5620441
#2	3.819254	46.54861	.0966380	.0073362	2.127298	.4219533	.5592365
#3	3.817986	46.56706	.0979156	.0068923	2.194178	.4270564	.5623963

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	28.21362	5.263280	-.007907	.0006398	.1706008	17.25480	-.013536
Stddev	.01253	.018397	.001372	.0002449	.0092122	.04378	.002303
%RSD	.0444250	.3495427	17.34720	38.28082	5.399847	.2537014	17.01205

#1	28.19926	5.263242	-.006548	.0004358	.1748671	17.21588	-.011070
#2	28.21930	5.244901	-.007882	.0009115	.1600288	17.24632	-.013910
#3	28.22232	5.281696	-.009290	.0005722	.1769064	17.30219	-.015630

Sample Name: M4197-01 Acquired: 10/20/2021 18:24:19 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: JDGA0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	9.483129	.1502437	.1085613
Stddev	.012831	.0007430	.0003666
%RSD	.1353044	.4945489	.3377041

#1	9.488385	.1495086	.1085517
#2	9.468505	.1502281	.1089326
#3	9.492498	.1509945	.1081996

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1536.404	31966.00	6248.436	881.6295	1772.468
Stddev	2.327	61.33	15.419	4.0103	.315
%RSD	.1514825	.1918731	.2467671	.4548744	.0177645

#1	1538.863	31920.08	6265.853	877.1671	1772.684
#2	1536.113	31942.25	6242.931	884.9320	1772.106
#3	1534.235	32035.65	6236.526	882.7894	1772.613

Sample Name: M4197-05 Acquired: 10/20/2021 18:44:38 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: JDGA4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0190988	-.017432	.1078653	.0213099	-.003583	85.07604	1.216383
Stddev	.0094823	.000748	.0022020	.0051331	.000727	.35285	.003225
%RSD	49.64867	4.291435	2.041424	24.08774	20.28853	.4147440	.2651553

#1	.0118356	-.016598	.1084265	.0233141	-.003565	84.79657	1.219053
#2	.0298261	-.018044	.1054370	.0251385	-.002865	85.47253	1.217295
#3	.0156348	-.017654	.1097323	.0154771	-.004319	84.95901	1.212799

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0080602	.0042542	31.72507	.2453431	.0699780	.0987579	222.6727
Stddev	.0001318	.0002320	.06266	.0003474	.0003273	.0013604	1.3848
%RSD	1.635629	5.452525	.1975066	.1416057	.4676528	1.377539	.6219043

#1	.0081684	.0045174	31.78521	.2450576	.0703310	.0971888	221.1128
#2	.0079134	.0041656	31.72983	.2457299	.0699184	.0996067	223.7570
#3	.0080989	.0040796	31.66017	.2452419	.0696847	.0994783	223.1484

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.417969	50.06529	.0653395	.0063244	1.642867	.4132390	.4678105
Stddev	.004017	.25213	.0008590	.0004290	.201549	.0013856	.0017385
%RSD	.1175239	.5036115	1.314677	6.783460	12.26810	.3353034	.3716332

#1	3.416878	49.77659	.0659287	.0058608	1.502299	.4122904	.4696955
#2	3.422419	50.24221	.0643539	.0067074	1.552520	.4125975	.4662699
#3	3.414611	50.17708	.0657359	.0064049	1.873782	.4148291	.4674660

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.19051	7.047571	-.012931	.0085547	.0936299	11.86463	-.014594
Stddev	.15816	.015826	.005746	.0005609	.0032696	.03472	.001683
%RSD	.6038708	.2245566	44.43908	6.556893	3.492051	.2926028	11.53138

#1	26.02890	7.064734	-.017445	.0079362	.0968294	11.86554	-.012708
#2	26.34497	7.044426	-.006462	.0086976	.0902944	11.82947	-.015130
#3	26.19767	7.033554	-.014884	.0090304	.0937660	11.89888	-.015942

Sample Name: M4197-05 Acquired: 10/20/2021 18:44:38 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: JDGA4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	9.754285	.1596824	.0780942
Stddev	.050506	.0018045	.0009316
%RSD	.5177857	1.130031	1.192877

#1	9.717463	.1610860	.0791536
#2	9.811863	.1603142	.0777260
#3	9.733531	.1576470	.0774030

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1479.257	30813.40	6022.075	853.8153	1780.668
Stddev	.763	21.38	16.852	3.0549	1.449
%RSD	.0515984	.0693914	.2798361	.3577916	.0813500

#1	1480.045	30834.76	6041.078	850.3459	1781.021
#2	1478.521	30813.44	6016.203	856.1020	1781.906
#3	1479.204	30791.99	6008.945	854.9980	1779.075

Sample Name: M4197-06 Acquired: 10/20/2021 18:48:42 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: JDGA5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0095931	-.011298	.1203559	.0155892	-.003705	91.57481	1.006830
Stddev	.0041798	.003022	.0015199	.0081954	.001891	.45073	.003433
%RSD	43.57085	26.74402	1.262805	52.57105	51.04150	.4921995	.3409819

#1	.0076121	-.009240	.1218682	.0071348	-.002619	91.55716	1.005999
#2	.0143951	-.014767	.1203707	.0161345	-.002608	91.13317	1.003888
#3	.0067721	-.009887	.1188286	.0234984	-.005889	92.03411	1.010602

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0083619	.0036095	34.09334	.3070422	.0569964	.1273128	225.5869
Stddev	.0001280	.0001825	.03583	.0008224	.0001801	.0011113	1.3292
%RSD	1.530429	5.056959	.1050902	.2678629	.3159822	.8728811	.5892222

#1	.0084182	.0038200	34.11625	.3077929	.0569103	.1264791	225.3472
#2	.0084520	.0035139	34.11171	.3071706	.0568756	.1268849	224.3938
#3	.0082154	.0034946	34.05205	.3061631	.0572034	.1285745	227.0196

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.086770	44.30111	.0745447	.0073999	2.681633	.3726775	.4569921
Stddev	.008269	.25000	.0009126	.0001702	.290988	.0039603	.0076122
%RSD	.2678988	.5643157	1.224215	2.299748	10.85114	1.062658	1.665716

#1	3.085247	44.23745	.0734910	.0073777	3.014498	.3681301	.4555325
#2	3.079368	44.08910	.0750818	.0075801	2.554876	.3745328	.4502153
#3	3.095695	44.57679	.0750613	.0072420	2.475524	.3753695	.4652284

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.43429	6.527063	-.015175	.0229412	.1112250	14.52352	-.008116
Stddev	.03645	.015023	.009140	.0010289	.0033075	.08075	.002322
%RSD	.1700458	.2301612	60.22986	4.485100	2.973674	.5559760	28.60666

#1	21.44186	6.540320	-.021043	.0237144	.1130111	14.58249	-.010677
#2	21.39466	6.530123	-.019837	.0217734	.1132555	14.55657	-.006149
#3	21.46637	6.510746	-.004644	.0233358	.1074085	14.43148	-.007522

Sample Name: M4197-06 Acquired: 10/20/2021 18:48:42 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: JDGA5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	7.646524	.1368794	.1305476
Stddev	.047681	.0008119	.0007519
%RSD	.6235681	.5931672	.5759681

#1	7.641440	.1359439	.1311833
#2	7.601588	.1372931	.1307419
#3	7.696543	.1374012	.1297176

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1486.098	31125.07	5965.129	860.5411	1782.351
Stddev	2.653	98.34	9.914	5.7498	2.653
%RSD	.1785386	.3159488	.1661928	.6681646	.1488213

#1	1484.446	31188.13	5961.400	863.5336	1779.575
#2	1489.159	31175.31	5976.366	864.1776	1784.859
#3	1484.690	31011.76	5957.620	853.9122	1782.620

Sample Name: M4197-08 Acquired: 10/20/2021 18:56:49 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: JDGA6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0073881	-.015500	.1089438	.0250073	-.002485	89.96004	1.078080
Stddev	.0022667	.003129	.0051332	.0013402	.001299	.23309	.005321
%RSD	30.68088	20.18391	4.711805	5.359367	52.26184	.2591040	.4935509

#1	.0048627	-.018952	.1043927	.0234771	-.001164	89.90501	1.080099
#2	.0092465	-.012852	.1079307	.0259729	-.003759	89.75939	1.072045
#3	.0080549	-.014697	.1145080	.0255718	-.002531	90.21573	1.082096

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0075410	.0028718	34.41330	.1518504	.0553709	.0894974	200.9270
Stddev	.0000863	.0002230	.07959	.0015171	.0005891	.0017463	.4668
%RSD	1.144677	7.764877	.2312652	.9990772	1.063848	1.951178	.2323199

#1	.0076397	.0031100	34.46804	.1523390	.0547469	.0874810	200.3919
#2	.0074798	.0026681	34.32200	.1501492	.0554485	.0904956	201.1382
#3	.0075035	.0028373	34.44986	.1530630	.0559173	.0905155	201.2508

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.014591	42.38180	.0425202	.0062873	1.177225	.3939789	.5109314
Stddev	.002355	.34886	.0007891	.0003929	.111946	.0070343	.0036830
%RSD	.0781132	.8231318	1.855767	6.249759	9.509277	1.785452	.7208392

#1	3.013791	41.98253	.0433853	.0058513	1.071721	.3858593	.5070699
#2	3.012740	42.62771	.0423351	.0063965	1.165296	.3978498	.5113192
#3	3.017241	42.53516	.0418400	.0066141	1.294657	.3982276	.5144052

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.69098	7.174570	-.009335	.0048969	.2648169	12.87056	-.014755
Stddev	.11767	.028163	.002144	.0007032	.0083936	.04409	.001263
%RSD	.5686889	.3925389	22.96234	14.35993	3.169589	.3425650	8.558297

#1	20.65522	7.171567	-.010200	.0051571	.2562493	12.89284	-.014640
#2	20.59534	7.148029	-.010911	.0041007	.2651765	12.89906	-.016072
#3	20.82238	7.204114	-.006894	.0054328	.2730250	12.81977	-.013554

Sample Name: M4197-08 Acquired: 10/20/2021 18:56:49 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: JDGA6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	9.654568	.1418780	.2166128
Stddev	.016293	.0012325	.0008138
%RSD	.1687610	.8687213	.3756863

#1	9.651972	.1412128	.2157096
#2	9.639729	.1411210	.2168396
#3	9.672003	.1433002	.2172891

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1494.311	31154.26	6061.276	863.3970	1796.181
Stddev	1.381	30.44	8.124	1.6371	1.609
%RSD	.0924202	.0976979	.1340237	.1896165	.0895868

#1	1495.906	31186.12	6069.221	864.7920	1797.786
#2	1493.490	31151.18	6052.985	863.8044	1794.567
#3	1493.538	31125.49	6061.623	861.5947	1796.191

Sample Name: M4197-09 Acquired: 10/20/2021 19:00:52 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: JDGA7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0166912	-.016291	.1150782	.0152991	-.004049	90.16015	1.153562
Stddev	.0053748	.004096	.0021341	.0034707	.001839	.26671	.003250
%RSD	32.20128	25.14162	1.854504	22.68574	45.41416	.2958205	.2817286

#1	.0227355	-.019711	.1133579	.0124643	-.002366	90.45795	1.149999
#2	.0124493	-.011752	.1144104	.0191698	-.003770	90.07922	1.154321
#3	.0148887	-.017409	.1174664	.0142632	-.006012	89.94328	1.156365

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0082001	.0038131	34.41140	.2229603	.0637542	.0976804	223.1924
Stddev	.0000843	.0001203	.03542	.0014637	.0005646	.0016578	1.6689
%RSD	1.028513	3.155012	.1029380	.6564656	.8855367	1.697169	.7477370

#1	.0081663	.0037104	34.41013	.2246389	.0638031	.0994716	225.1190
#2	.0081379	.0037834	34.44744	.2219504	.0631667	.0973697	222.1920
#3	.0082961	.0039454	34.37663	.2222916	.0642927	.0962000	222.2661

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.373622	50.04830	.0585728	.0066882	1.744165	.4256089	.4844236
Stddev	.008150	.43395	.0007869	.0001531	.021484	.0035780	.0017565
%RSD	.2415930	.8670528	1.343422	2.288708	1.231782	.8406824	.3625913

#1	3.366786	50.53547	.0588331	.0066032	1.766627	.4295794	.4830836
#2	3.371437	49.90620	.0576887	.0068649	1.723815	.4226345	.4837752
#3	3.382642	49.70321	.0591964	.0065965	1.742052	.4246127	.4864122

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.73697	7.341419	-.007820	.0050750	.3274154	12.97487	-.012612
Stddev	.07560	.039810	.009567	.0005392	.0047076	.03965	.003957
%RSD	.3325175	.5422595	122.3495	10.62554	1.437806	.3056000	31.37669

#1	22.77620	7.296273	.002534	.0044607	.3235862	12.97496	-.015623
#2	22.78489	7.356496	-.009660	.0052938	.3259886	12.93517	-.008130
#3	22.64981	7.371488	-.016333	.0054704	.3326713	13.01448	-.014083

Sample Name: M4197-09 Acquired: 10/20/2021 19:00:52 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: JDGA7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	9.230141	.1586729	.1034241
Stddev	.019245	.0009377	.0009986
%RSD	.2085031	.5909642	.9654993

#1	9.248752	.1594011	.1022835
#2	9.231352	.1576148	.1038483
#3	9.210319	.1590026	.1041406

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1502.256	31329.78	6063.332	865.6625	1784.866
Stddev	2.097	17.06	41.393	5.6657	.967
%RSD	.1395733	.0544459	.6826841	.6544919	.0541693

#1	1500.485	31320.58	6016.791	860.1710	1785.949
#2	1501.712	31319.29	6077.177	865.3289	1784.088
#3	1504.571	31349.46	6096.028	871.4876	1784.563

Sample Name: CCV063 Acquired: 10/20/2021 19:04:55 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV063 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.957848	4.963595	24.68502	4.978690	5.002679	435.5747
Stddev	.019719	.016316	.09771	.009148	.016206	.6444
%RSD	.3977265	.3287064	.3958102	.1837453	.3239449	.1479340

#1	4.976902	4.960682	24.59458	4.974584	5.009065	436.0992
#2	4.959117	4.948932	24.67183	4.972314	5.014719	434.8554
#3	4.937526	4.981171	24.78866	4.989171	4.984253	435.7694

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.21493	F .5685452	2.441273	399.7184	15.38385	2.459557
Stddev	.00670	.0038110	.007728	.4569	.02757	.003594
%RSD	.0656150	.6703158	.3165427	.1142932	.1791887	.1461346

#1	10.21782	.5729337	2.435587	399.5549	15.36506	2.456102
#2	10.21970	.5666340	2.438159	399.3658	15.41549	2.459292
#3	10.20727	.5660680	2.450071	400.2345	15.37099	2.463276

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.69839	F 449.4012	14.72544	F 448.2078	2.440781	1.211326
Stddev	.00994	.9022	.01028	1.3123	.004282	.002128
%RSD	.0633373	.2007624	.0697879	.2927863	.1754205	.1756502

#1	15.70761	450.4052	14.72012	449.7208	2.437674	1.209126
#2	15.68786	448.6585	14.73728	447.3788	2.439004	1.213373
#3	15.69970	449.1398	14.71890	447.5238	2.445665	1.211481

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	435.8075	2.706697	14.68528	162.4704	5.207644	F 5.618575
Stddev	1.1562	.005087	.03196	.1352	.017372	.026773
%RSD	.2653114	.1879373	.2176051	.0832185	.3335800	.4765036

#1	436.5826	2.710738	14.70159	162.5951	5.227696	5.649451
#2	434.4785	2.708367	14.64846	162.3267	5.197154	5.604462
#3	436.3615	2.700985	14.70578	162.4896	5.198083	5.601810

Sample Name: CCV063 Acquired: 10/20/2021 19:04:55 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV063 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.021945	5.109166	F 5.586646	5.041572	5.368603	5.260725
Stddev	.008872	.024410	.025992	.004887	.013208	.012787
%RSD	.1766566	.4777760	.4652502	.0969370	.2460164	.2430588
#1	5.025342	5.082196	5.614427	5.045159	5.379594	5.257804
#2	5.028616	5.115556	5.582590	5.036006	5.353951	5.249651
#3	5.011876	5.129746	5.562920	5.043552	5.372265	5.274719

Elem	Sr4077
Units	ppm
Avg	4.931262
Stddev	.045410
%RSD	.9208542
#1	4.976665
#2	4.931276
#3	4.885846

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1175.075	26017.29	5188.438	671.5864	1455.895
Stddev	1.862	29.09	28.447	5.7597	3.486
%RSD	.1584274	.1117989	.5482828	.8576301	.2394226
#1	1173.141	26006.87	5156.188	665.1951	1457.468
#2	1175.230	25994.86	5199.160	676.3750	1458.317
#3	1176.854	26050.16	5209.966	673.1890	1451.900

Sample Name: CCB063 Acquired: 10/20/2021 19:08:55 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB063 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004173	.0004757	.0011608	-.001455	-.001511	.0078957	-.001049
Stddev	.0076648	.0025780	.0011091	.002169	.001899	.0035188	.001243
%RSD	1836.624	541.9531	95.54485	149.0486	125.6642	44.56556	118.4944

#1	-.004607	-.001925	.0008185	.000974	.000677	.0119505	-.002483
#2	-.003380	.003200	.0002632	-.002142	-.002723	.0060940	-.000367
#3	.009239	.000152	.0024007	-.003197	-.002488	.0056427	-.000297

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001023	.0001070	.0145443	.0000440	-.000066	-.000480	.0026552
Stddev	.0000197	.0001643	.0032953	.0004577	.000167	.001547	.0031105
%RSD	19.22991	153.5443	22.65728	1039.104	252.1104	322.5333	117.1480

#1	.0000832	.0000540	.0159766	.0005723	-.000145	.001150	.0043224
#2	.0001011	-.000024	.0168812	-.000232	-.000179	-.001928	-.000934
#3	.0001225	.000291	.0107752	-.000208	.000125	-.000661	.004577

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004531	.0195063	.0006528	.0007244	-.513699	-.001073	-.001471
Stddev	.0003671	.0089894	.0001028	.0001705	.037425	.000550	.003649
%RSD	81.01737	46.08455	15.73938	23.53693	7.285353	51.25293	248.0944

#1	.0000469	.0170522	.0006894	.0008788	-.524835	-.000628	-.000078
#2	.0007610	.0294679	.0005368	.0005414	-.471970	-.000904	.001276
#3	.0005515	.0119988	.0007323	.0007530	-.544291	-.001688	-.005611

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.138413	-.001329	-.000157	.0000742	-.004184	.0006903	-.003056
Stddev	.045225	.003159	.001557	.0006386	.004703	.0025560	.001879
%RSD	32.67389	237.7695	994.3555	860.3669	112.4060	370.2534	61.47293

#1	-.125476	-.000223	.001514	.0005498	.000888	.0036346	-.005118
#2	-.101066	-.004892	-.000418	.0003245	-.008401	-.000604	-.002610
#3	-.188696	.001129	-.001566	-.000652	-.005038	-.000960	-.001441

Sample Name: CCB063 Acquired: 10/20/2021 19:08:55 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB063 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0020842	.0004622	-.000054
Stddev	.0006066	.0003494	.000087
%RSD	29.10629	75.58655	160.7872

#1	.0027286	.0007785	-.000084
#2	.0015243	.0000872	-.000122
#3	.0019997	.0005209	.000044

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1364.931	28231.62	5451.228	786.5109	1818.621
Stddev	3.073	68.00	17.115	3.9488	3.678
%RSD	.2251251	.2408623	.3139656	.5020653	.2022202

#1	1367.107	28306.75	5467.260	789.9432	1814.374
#2	1366.270	28174.30	5453.218	782.1952	1820.748
#3	1361.416	28213.81	5433.204	787.3942	1820.740

Sample Name: M4197-07 Acquired: 10/20/2021 18:52:46 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: JDGA8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0186273	-.012640	.1027323	.0066136	-.004970	69.35627	.7593845
Stddev	.0056348	.003857	.0006165	.0027912	.002959	.09215	.0028762
%RSD	30.25010	30.51586	.6001465	42.20340	59.52308	.1328703	.3787508

#1	.0243914	-.014704	.1024152	.0080528	-.002021	69.29505	.7623222
#2	.0183591	-.008190	.1023387	.0083915	-.004952	69.31151	.7565741
#3	.0131314	-.015027	.1034428	.0033966	-.007938	69.46226	.7592573

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0080377	.0051580	28.71567	.1640610	.0577926	.0809230	191.3311
Stddev	.0001884	.0002511	.10669	.0013797	.0001810	.0033220	.7305
%RSD	2.343950	4.868611	.3715399	.8409820	.3131418	4.105161	.3818044

#1	.0079721	.0049549	28.76717	.1656537	.0575858	.0825253	190.5234
#2	.0078908	.0050803	28.59299	.1632303	.0579221	.0771035	191.5243
#3	.0082501	.0054388	28.78684	.1632991	.0578700	.0831401	191.9456

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.577318	37.90043	.0328963	.0038492	.8797858	.3499279	.4730732
Stddev	.006342	.06023	.0004571	.0003044	.2279416	.0033120	.0054868
%RSD	.2460769	.1589138	1.389535	7.907195	25.90876	.9464665	1.159809

#1	2.572379	37.83290	.0332593	.0037196	1.123768	.3525024	.4690647
#2	2.575105	37.91980	.0330466	.0041970	.672284	.3461915	.4708285
#3	2.584470	37.94859	.0323829	.0036312	.843306	.3510896	.4793264

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.82713	5.783921	-.009742	.0001457	.0713678	11.72965	-.002655
Stddev	.05038	.019086	.003472	.0000839	.0102648	.07303	.001944
%RSD	.2993953	.3299826	35.63296	57.62301	14.38298	.6225748	73.22410

#1	16.78010	5.800826	-.008364	.0002218	.0677277	11.64662	-.000429
#2	16.82099	5.787713	-.013691	.0001596	.0829566	11.78387	-.004018
#3	16.88029	5.763223	-.007172	.0000556	.0634190	11.75849	-.003520

Sample Name: M4197-07 Acquired: 10/20/2021 18:52:46 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: JDGA8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	6.183749	.1201014	.0622537
Stddev	.003740	.0011152	.0004757
%RSD	.0604886	.9285691	.7641440

#1	6.183758	.1200646	.0619894
#2	6.180004	.1212345	.0619689
#3	6.187485	.1190050	.0628029

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1505.204	31507.87	6107.892	873.1260	1798.572
Stddev	1.467	26.96	30.437	7.2585	1.498
%RSD	.0974662	.0855781	.4983159	.8313268	.0832632

#1	1506.867	31478.22	6131.852	873.1757	1797.118
#2	1504.093	31514.48	6118.179	880.3596	1798.488
#3	1504.653	31530.92	6073.645	865.8428	1800.109